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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Page: 1  
Finalized Date: 17-JAN-2012  
Account: ROCKHA

**CERTIFICATE WH12001849**

Project: Klaza DDH-54

P.O. No.:

This report is for 31 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-JAN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 2 (A)  
 Finalized Date: 17-JAN-2012  
 Account: ROCKHA

Project: Klaza DDH-54

**CERTIFICATE OF ANALYSIS WH12001849**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
K863459		<0.005
K863460		<0.005
K863461		1.430
K863462		<0.005
K863463		<0.005
K863464		<0.005
K863465		0.014
K863466		<0.005
K863467		<0.005
K863468		<0.005
K863469		<0.005
K863470		<0.005
K863471		<0.005
K863472		<0.005
K863473		<0.005
K863474		<0.005
K863475		<0.005
K863476		<0.005
K863477		<0.005
K863478		<0.005
K863479		0.011
K863480		<0.005
K863481		<0.005
K863482		<0.005
K863483		<0.005
K863484		<0.005
K863485		<0.005
K863486		<0.005
K863487		<0.005
K863488		1.415
K863489		<0.005



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Page: 1  
Finalized Date: 17-JAN-2012  
Account: ROCKHA

**CERTIFICATE WH12002739**

Project: Klaza DDH-54

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-JAN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: ROCKHAVEN RESOURCES LTD.  
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Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 2 (A)  
 Finalized Date: 17-JAN-2012  
 Account: ROCKHA

Project: Klaza DDH-54

**CERTIFICATE OF ANALYSIS WH12002739**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
K863423		0.005
K863424		<0.005
K863425		<0.005
K863426		<0.005
K863427		1.620
K863428		<0.005
K863429		<0.005
K863430		<0.005
K863431		<0.005
K863432		<0.005
K863433		<0.005
K863434		<0.005
K863435		<0.005
K863436		<0.005
K863437		<0.005
K863438		0.018
K863439		0.041
K863440		<0.005
K863441		<0.005
K863442		<0.005
K863443		<0.005
K863444		<0.005
K863445		<0.005
K863446		<0.005
K863447		1.505
K863448		<0.005
K863449		0.007
K863450		0.007
K863451		0.010
K863452		0.016
K863453		<0.005
K863454		<0.005
K863455		<0.005
K863456		<0.005
K863457		<0.005
K863458		<0.005





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Page: 1  
Finalized Date: 21-FEB-2012  
This copy reported on  
22-FEB-2012  
Account: ROCKHA

**CERTIFICATE WH12016882**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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

Comments: \*\*\*Corrected Copy for including Project Name Klaza\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 21-FEB-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016882**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
K271046		0.82	7.48	24.1	2060	1.47	0.38	2.50	0.97	47.2	8.0	9	12.55	16.0	3.08
K271047		>100	6.21	840	990	1.36	74.8	2.24	40.8	41.7	11.4	9	15.35	3450	5.82
K271049		0.49	7.60	20.2	2330	1.75	0.63	2.59	0.46	45.9	8.1	11	13.95	9.6	3.03
K271052		2.61	7.65	884	1520	1.53	0.45	2.45	4.46	47.4	7.0	7	12.45	28.4	3.56
K271053		16.90	6.95	2320	790	1.54	0.58	2.20	42.4	56.7	10.5	5	13.05	140.5	3.97
K271054		1.65	7.28	169.5	1490	1.68	0.80	2.76	2.43	42.0	9.4	7	12.70	16.5	2.76
K271097		0.33	7.66	21.8	1710	1.94	0.42	2.30	0.55	41.9	9.7	6	19.45	9.6	3.37
G006269		98.4	7.55	45.7	1540	1.44	1.72	2.38	52.8	30.9	13.3	20	2.73	4380	3.86
K271098		96.9	4.00	7030	800	0.99	27.0	1.10	184.0	26.6	11.9	3	8.68	510	10.40
K271100		25.0	7.00	2840	1080	1.48	1.48	2.01	136.5	36.2	8.8	4	14.65	85.2	3.76
K271101		1.91	7.36	156.5	1210	1.80	0.27	2.89	4.68	45.6	7.9	7	29.5	30.9	2.57
K271112		3.18	6.35	768	1300	1.59	0.26	2.13	14.20	41.0	6.8	14	14.10	33.6	3.41
K271114		1.23	7.35	94.9	1660	1.50	0.21	2.50	2.41	51.8	7.1	27	7.83	63.1	2.13
K271115		4.47	7.54	1450	840	1.78	0.82	1.56	11.85	44.2	9.7	7	19.80	26.7	3.99
K271116		6.90	7.72	701	1450	1.77	0.34	2.08	26.9	50.0	7.0	5	26.2	74.3	3.29
K271117		>100	6.62	>10000	1290	1.62	2.18	1.57	174.0	43.0	6.8	7	18.55	716	5.54
K271118		0.21	7.87	18.4	2220	1.84	0.25	2.78	0.25	50.2	6.7	12	13.65	18.0	3.04
K271007		0.05	0.07	<5	30	0.05	0.01	20.7	0.12	1.50	1.2	<1	0.23	2.4	0.49
K271119		0.33	7.11	32.9	2140	1.37	0.45	2.78	0.27	41.9	7.7	7	18.00	30.5	2.83
K271120		>100	7.16	5200	220	1.19	0.80	3.49	92.4	29.7	9.3	3	16.80	322	7.12
K271122		3.13	7.19	18.2	2050	1.63	0.33	2.59	11.65	43.2	7.4	10	13.70	34.4	2.94
K271345		4.17	6.28	91.1	1210	1.33	0.49	2.17	31.9	38.0	8.1	8	11.75	22.9	3.44
K271346		20.2	5.83	1230	1090	1.19	7.09	0.90	111.5	35.2	8.6	9	10.40	157.0	4.96
K271347		78.6	3.10	600	780	0.63	1.71	2.72	125.5	19.00	21.0	6	6.03	434	6.14
K271349		63.6	5.72	3000	830	1.23	1.71	1.02	122.5	35.0	6.8	8	10.35	409	4.88
K271350		13.75	6.67	4630	1240	1.48	1.42	1.78	59.5	41.2	6.1	7	16.10	115.0	4.28
K271351		3.72	7.29	866	1280	1.70	0.59	2.04	41.2	52.1	8.7	7	21.1	74.6	3.28
G006270		>100	1.36	1120	310	0.23	61.6	1.75	506	13.70	26.2	32	0.80	>10000	17.00
K271374		0.81	7.11	31.7	1900	1.26	0.53	2.24	4.26	46.9	7.0	8	19.85	29.6	2.81
K271375		37.3	6.30	1425	1370	1.27	4.05	2.51	13.10	56.1	8.5	15	18.20	53.5	3.71
K271377		0.49	6.56	44.6	2320	1.41	0.18	2.97	0.73	38.9	7.1	14	27.0	12.5	3.03
K271386		3.85	7.22	222	1190	1.87	0.58	3.27	12.90	56.7	8.2	14	27.3	32.9	2.78
K271387		35.9	6.48	3670	1110	1.33	7.06	2.36	113.5	49.4	6.6	13	19.50	190.5	4.33
K271389		12.70	7.19	1545	1250	1.29	5.42	1.89	43.5	52.8	6.7	12	15.95	216	4.08
K271390		5.15	7.95	90.8	490	1.78	2.92	2.41	21.1	67.2	8.2	27	27.1	60.2	3.15
K271391		9.82	7.34	1845	1460	1.70	2.23	2.47	30.2	47.0	7.2	12	27.0	84.5	3.72

Comments: \*\*\*Corrected Copy for including Project Name Klaza\*\*\*

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



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 21-FEB-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016882**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5
K271046		0.11	1.5	0.059	2.99	28.0	11.7	0.81	766	1.69	2.24	9.2	2.7	600	72.1
K271047		0.17	1.1	2.99	2.66	25.1	68.2	0.70	1740	2.32	0.16	6.6	2.3	450	7300
K271049		0.16	1.4	0.046	2.95	27.6	14.8	0.76	740	1.39	1.97	8.9	2.5	570	43.2
K271052		0.18	1.5	0.054	3.05	29.6	26.6	0.72	1570	1.19	0.55	8.8	2.3	540	532
K271053		0.19	1.4	0.052	3.25	35.9	29.8	0.50	2250	0.72	0.15	7.8	2.4	520	3970
K271054		0.17	1.5	0.047	3.13	24.7	66.4	0.77	1720	1.64	0.10	7.8	2.6	560	171.5
K271097		0.18	1.4	0.056	2.84	24.1	98.0	0.66	530	1.00	0.39	9.5	2.4	630	33.5
G006269		0.18	0.6	13.25	2.22	17.1	12.6	0.70	565	38.6	2.53	7.6	11.9	800	8880
K271098		0.21	0.9	2.43	1.76	15.0	21.8	0.44	838	4.33	0.02	4.3	1.9	280	>10000
K271100		0.17	1.2	1.485	3.14	21.1	13.6	0.79	1700	6.40	0.04	6.5	2.5	510	5240
K271101		0.16	1.6	0.093	2.58	26.7	53.6	0.84	1180	2.98	0.03	8.7	4.1	580	555
K271112		0.16	2.5	0.064	1.51	23.7	89.7	0.85	880	19.65	0.02	9.2	11.5	550	626
K271114		0.14	4.1	0.048	0.60	31.4	157.5	1.00	739	2.75	0.02	9.3	23.1	600	129.0
K271115		0.17	1.2	0.117	3.18	26.7	19.5	0.61	1640	2.64	0.03	8.6	3.7	560	622
K271116		0.20	1.1	0.264	3.11	29.4	19.2	0.72	3340	6.95	0.02	9.2	2.4	570	1480
K271117		0.19	1.0	3.23	2.91	24.8	23.8	0.59	2860	19.95	0.08	7.5	2.2	490	>10000
K271118		0.13	1.1	0.046	2.92	25.8	13.0	0.79	563	1.80	2.31	8.4	3.2	610	26.8
K271007		0.07	<0.1	0.006	0.03	0.8	1.1	12.75	214	0.12	0.01	0.2	0.4	170	4.5
K271119		0.12	1.1	0.075	3.55	24.9	40.6	0.85	856	1.62	0.77	8.1	2.1	590	20.7
K271120		0.17	1.7	0.276	2.97	14.2	11.7	1.30	3390	2.95	0.69	5.6	2.6	1080	2830
K271122		0.15	1.3	0.073	2.88	25.3	11.8	0.77	1080	7.08	1.96	8.7	2.2	560	215
K271345		0.17	0.9	0.116	3.00	22.5	17.8	0.84	2020	3.66	0.03	6.7	2.1	470	885
K271346		0.18	0.9	3.49	2.70	19.6	19.8	0.46	1500	21.7	0.03	6.3	2.5	410	4030
K271347		0.14	0.6	1.650	1.41	10.6	30.7	0.48	743	35.6	0.02	3.5	2.4	180	>10000
K271349		0.16	1.0	0.809	2.62	19.8	24.0	0.46	1080	31.1	0.03	6.2	2.0	390	>10000
K271350		0.16	1.2	0.584	3.01	24.1	15.2	0.63	2520	3.26	0.02	7.6	2.4	510	3160
K271351		0.19	1.4	0.539	3.03	31.1	55.2	0.75	1240	3.03	0.03	8.9	2.4	580	247
G006270		0.94	0.6	6.84	0.39	7.8	6.1	0.83	374	37.8	<0.01	1.7	50.8	390	>10000
K271374		0.11	1.3	0.128	2.67	21.7	68.9	0.74	682	1.08	0.10	8.1	2.7	560	135.5
K271375		0.13	1.7	0.147	2.25	29.9	89.5	0.87	1240	1.84	0.03	7.5	2.9	570	6200
K271377		0.15	1.2	0.072	2.73	18.0	106.0	0.69	905	1.37	0.75	8.3	2.7	570	41.0
K271386		0.19	3.3	0.276	2.71	29.5	36.7	1.17	805	7.07	0.03	9.7	5.6	750	607
K271387		0.18	1.4	1.660	2.65	26.3	37.2	0.88	1320	3.70	0.02	7.4	3.7	510	6820
K271389		0.18	1.2	0.741	2.79	28.1	164.5	0.72	1180	3.41	0.01	7.9	3.2	530	1905
K271390		0.19	4.4	0.230	2.20	33.5	185.5	0.98	666	1.60	0.02	11.7	8.5	1310	702
K271391		0.18	1.2	0.438	3.14	23.5	42.2	0.76	1200	1.63	0.17	8.3	2.8	570	1590

Comments: \*\*\*Corrected Copy for including Project Name Klaza\*\*\*

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Plus Appendix Pages  
Finalized Date: 21-FEB-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016882**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K271046		<0.002	0.35	4.13	10.9	1	2.1	351	0.82	0.09	14.0	0.260	1.51	4.7	72	2.8
K271047		0.002	4.96	497	9.6	2	4.1	98.6	0.58	0.65	12.6	0.195	2.03	5.8	56	4.7
K271049		<0.002	0.45	3.25	12.6	1	2.1	324	0.77	0.31	15.5	0.250	1.53	4.9	69	2.2
K271052		<0.002	1.21	14.45	12.6	1	2.9	127.5	0.78	0.11	15.7	0.239	1.89	5.4	66	3.4
K271053		<0.002	3.13	34.1	11.1	2	4.0	84.1	0.69	0.26	14.4	0.214	2.44	5.2	58	1.8
K271054		<0.002	1.52	13.20	11.8	1	2.6	115.0	0.69	0.54	14.1	0.211	2.26	5.5	63	2.9
K271097		<0.002	0.59	7.82	12.8	1	2.2	226	0.79	0.17	14.6	0.266	1.81	4.2	72	2.1
G006269		0.020	1.59	141.0	8.0	4	358	668	0.47	0.12	5.9	0.224	3.60	1.3	76	19.1
K271098		<0.002	>10.0	136.5	5.2	2	5.8	64.4	0.34	2.05	7.1	0.117	1.82	3.4	36	2.8
K271100		0.002	2.95	39.1	10.6	2	3.4	89.7	0.58	0.61	14.3	0.196	2.97	7.3	59	2.9
K271101		<0.002	0.79	13.95	12.0	1	5.0	279	0.74	0.09	14.1	0.250	2.59	5.2	67	5.1
K271112		<0.002	2.36	32.3	9.6	1	9.2	425	0.73	0.07	11.0	0.248	1.58	10.8	65	6.7
K271114		<0.002	0.30	11.00	7.3	1	2.3	838	0.79	<0.05	12.5	0.256	0.62	5.8	51	3.4
K271115		<0.002	2.64	19.95	12.0	1	6.1	138.0	0.75	0.53	16.1	0.242	3.12	5.2	68	5.3
K271116		0.002	1.48	27.5	12.5	1	3.9	202	0.73	0.07	16.1	0.251	3.45	5.4	67	7.4
K271117		<0.002	4.51	248	10.3	2	6.8	126.0	0.62	0.20	13.0	0.213	3.08	4.5	59	6.5
K271118		<0.002	0.05	2.40	12.0	1	1.9	389	0.78	0.14	14.3	0.262	1.35	4.2	69	1.7
K271007		<0.002	0.02	0.15	0.2	1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	<0.02	1.0	1	0.1
K271119		<0.002	0.57	15.55	10.6	1	1.9	236	0.68	0.17	12.2	0.248	2.12	3.2	69	2.2
K271120		<0.002	4.31	156.5	12.2	2	4.6	213	0.33	0.16	2.8	0.376	2.85	2.4	140	5.4
K271122		0.002	0.26	4.34	10.7	1	1.8	349	0.78	0.10	14.5	0.242	1.49	4.9	65	3.8
K271345		<0.002	2.02	14.25	9.8	1	2.3	56.7	0.58	0.20	12.4	0.201	2.98	4.7	57	2.9
K271346		0.002	4.24	69.2	8.6	2	4.0	37.3	0.52	0.27	10.3	0.182	2.64	8.8	51	3.5
K271347		0.005	6.79	206	3.9	2	4.2	61.5	0.35	0.55	6.0	0.086	1.37	11.7	27	1.8
K271349		0.003	4.88	144.0	7.4	2	6.3	31.4	0.57	0.15	12.1	0.170	2.49	10.3	48	3.3
K271350		<0.002	3.52	45.4	10.2	2	3.1	47.0	0.65	0.08	13.4	0.225	3.31	4.9	59	4.7
K271351		<0.002	2.02	20.7	12.1	2	2.3	97.9	0.80	0.18	15.3	0.246	2.99	5.5	71	3.3
G006270		0.032	>10.0	265	2.5	208	109.0	40.6	0.09	0.77	1.2	0.041	33.6	4.2	54	1.8
K271374		<0.002	0.19	13.15	10.4	1	2.6	140.5	0.69	0.06	12.3	0.246	1.52	2.9	64	2.5
K271375		<0.002	2.10	47.6	8.4	1	5.5	221	0.52	0.71	12.2	0.212	1.87	7.8	56	3.4
K271377		<0.002	0.18	7.43	10.1	1	2.5	245	0.60	<0.05	9.6	0.250	1.79	3.5	70	1.9
K271386		<0.002	0.67	24.2	8.0	1	2.1	342	0.67	<0.05	10.3	0.272	2.62	6.6	67	8.2
K271387		<0.002	3.21	56.4	9.2	1	5.0	195.0	0.55	0.22	12.6	0.209	2.79	4.7	57	5.7
K271389		<0.002	2.99	35.0	10.6	1	5.3	176.5	0.60	0.15	14.3	0.229	2.77	4.3	64	5.2
K271390		<0.002	0.64	21.5	7.1	1	2.5	452	0.73	0.05	9.6	0.354	1.38	5.7	69	2.8
K271391		<0.002	1.58	26.5	10.3	1	3.2	161.0	0.61	0.30	12.0	0.233	2.23	4.4	67	4.8

Comments: \*\*\*Corrected Copy for including Project Name Klaza\*\*\*

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



ALS Canada Ltd.  
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To: ROCKHAVEN RESOURCES LTD.  
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 1016 - 510 W HASTINGS STREET  
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 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 21-FEB-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016882**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K271046		18.3	144	41.1				
K271047		13.4	4970	28.0	268			
K271049		17.2	100	39.0				
K271052		16.2	603	40.0				
K271053		13.9	5290	35.3				
K271054		13.5	319	40.0				
K271097		15.0	65	37.1				
G006269		11.6	7240	15.2				
K271098		8.1	>10000	26.9			1.675	1.805
K271100		10.4	8400	30.2				
K271101		14.6	336	44.0				
K271112		12.0	962	79.4				
K271114		12.4	215	140.0				
K271115		12.1	841	31.0				
K271116		14.8	1850	29.7				
K271117		12.0	>10000	25.2	127		1.450	1.085
K271118		18.8	51	29.6				
K271007		0.9	20	<0.5				
K271119		14.7	59	29.3				
K271120		13.9	8090	58.9	143			
K271122		16.7	752	33.2				
K271345		11.1	2110	23.2				
K271346		9.5	>10000	23.1				1.210
K271347		6.9	>10000	15.5			2.70	1.415
K271349		10.1	>10000	25.5			2.08	1.305
K271350		12.1	4390	31.7				
K271351		15.2	4430	36.7				
G006270		7.3	>10000	18.5	163	1.280	1.525	9.39
K271374		16.4	270	31.9				
K271375		15.0	1200	59.0				
K271377		13.7	92	32.7				
K271386		14.0	929	123.5				
K271387		13.0	7120	43.8				
K271389		12.6	4010	33.1				
K271390		11.8	2380	175.5				
K271391		15.2	2130	35.5				

Comments: \*\*\*Corrected Copy for including Project Name Klaza\*\*\*

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VANCOUVER BC V6B 1L8

Project: Klaza

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 21-FEB-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12016882**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Page: 1  
Finalized Date: 7-MAR-2012  
Account: ROCKHA

**CERTIFICATE WH12016883**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 7-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016883**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm
K271392		0.23	7.55	11.9	2120	1.69	0.16	2.68	0.23	46.4	8.1	11	19.65	11.6	3.06	16.55
K271393		7.06	7.56	1080	1330	1.88	2.33	1.86	28.2	54.2	7.2	8	22.3	70.3	3.61	16.15
K271394		1.49	7.89	163.5	1910	1.61	1.31	2.10	11.45	58.2	9.9	9	21.3	14.2	3.66	16.45
K271395		9.24	7.46	519	1160	1.91	4.15	1.16	71.7	45.7	12.6	11	22.4	88.0	5.08	16.50
G006271		>100	7.66	46.1	1570	1.50	1.59	2.40	59.1	30.6	14.9	23	2.59	4540	4.00	21.1
K271396		0.33	7.03	38.4	960	1.98	0.11	3.10	0.19	47.4	7.7	9	24.3	11.1	2.56	17.80
K271398		0.30	7.14	39.4	950	1.76	0.11	2.77	0.27	51.4	7.2	8	26.6	8.7	2.46	17.30
K271399		3.25	6.46	342	1710	1.51	1.57	3.36	14.45	46.7	7.9	7	18.60	31.7	2.81	13.80
K271400		2.50	7.40	39.1	990	1.69	1.83	2.23	3.61	49.2	9.9	7	12.00	8.3	3.74	16.75
K271401		14.90	7.17	228	670	1.49	11.20	1.18	12.90	51.2	8.9	9	11.65	59.7	4.77	15.65
K271402		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K271404		4.41	6.47	2210	1050	1.45	0.73	1.55	19.15	47.7	7.2	8	18.85	40.6	3.33	14.90
K271405		0.62	7.23	155.0	1560	1.59	0.48	2.66	1.07	53.5	8.0	7	26.2	12.3	2.63	15.50
K271406		1.67	8.11	420	1870	1.74	0.72	3.06	5.33	55.1	8.4	8	30.5	24.4	3.20	17.20
K271407		1.35	7.89	368	1280	1.51	0.65	2.40	7.01	45.5	8.4	8	19.45	33.1	2.82	18.15
K271408		1.38	8.80	331	1200	1.43	0.68	25.8	6.41	59.3	10.4	7	21.5	30.7	3.09	17.05
K271074		3.69	6.45	787	1040	1.44	1.24	1.90	19.90	46.9	7.1	8	19.15	31.7	2.87	14.30
K271409		4.15	7.60	947	1210	1.72	1.40	2.22	22.9	51.4	8.3	9	21.5	36.8	3.49	16.45
K271410		12.10	6.51	2860	1110	1.79	2.01	1.49	48.3	46.1	9.3	10	22.8	86.6	4.22	15.30
K271411		0.39	7.20	42.0	860	1.78	0.18	2.36	0.78	56.1	6.8	24	28.0	16.7	2.09	19.15
K271412		9.94	7.45	469	1500	1.69	1.05	2.22	23.0	59.8	7.3	28	25.9	65.0	2.59	19.65
K271413		18.25	6.98	2520	570	1.73	1.38	1.62	64.2	49.9	7.9	9	22.9	82.3	3.45	15.90
K271415		0.53	7.55	44.8	1730	1.65	0.69	2.63	0.66	53.7	8.1	10	26.4	9.2	2.77	16.40
K271416		3.21	6.64	685	1250	1.53	0.36	1.60	14.25	50.2	7.6	8	18.05	23.6	2.93	14.65
G006272		>100	1.22	941	220	0.29	48.2	1.56	451	10.90	31.6	26	0.69	>10000	15.65	15.25
K271417		0.28	7.05	9.2	1980	1.84	0.36	2.63	0.59	45.0	8.7	10	11.85	18.4	3.01	16.45
K271220		0.23	7.45	18.6	1610	1.77	0.58	1.73	0.24	49.8	9.1	11	22.0	14.5	2.79	17.45
K271221		30.9	5.68	6510	1370	1.53	0.17	1.01	70.9	35.3	6.8	9	12.70	68.8	5.11	14.50
K271223		4.53	7.33	396	1040	1.42	0.52	2.28	19.40	52.8	6.8	7	23.2	21.7	3.37	16.40
K271244		0.11	7.20	8.2	2490	1.49	0.30	2.55	0.15	45.0	7.1	14	11.20	6.9	3.00	17.50
K271245		>100	6.15	819	630	1.15	21.3	1.77	101.5	42.2	14.1	10	13.75	732	4.85	14.15
K271246		3.48	6.92	85.1	750	1.39	1.21	1.70	15.55	40.3	8.7	10	12.45	26.6	3.14	15.80
K271286		0.50	7.24	28.2	2020	1.31	0.56	1.74	1.78	48.2	6.6	8	14.10	13.0	3.05	17.25
K271287		27.6	6.61	550	220	1.17	23.3	0.54	18.95	44.7	12.0	9	7.81	781	6.72	16.00
K271288		57.3	5.37	>10000	1680	1.60	11.30	1.64	159.5	37.0	7.9	7	21.7	581	6.17	13.40
K271290		8.80	6.52	232	360	1.07	3.77	0.59	15.85	25.1	11.0	7	6.39	45.9	6.90	14.90





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Page: 2 - B  
Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 7-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016883**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K271392		0.15	1.0	0.045	2.76	21.5	9.2	0.72	672	0.82	2.29	7.9	2.4	580	26.8	102.0
K271393		0.18	1.1	0.410	2.92	27.8	138.0	0.70	1200	1.09	0.14	7.4	2.3	590	1330	150.5
K271394		0.19	1.1	0.102	3.70	30.2	45.0	0.85	1260	1.02	0.08	7.6	2.6	600	251	198.0
K271395		0.18	1.0	0.500	3.23	22.1	13.5	0.64	982	5.59	0.04	6.9	3.5	620	1220	209
G006271		0.14	0.4	13.90	2.25	14.8	12.0	0.68	593	37.4	2.60	6.9	12.2	830	9010	62.7
K271396		0.16	3.1	0.040	2.58	22.3	122.5	1.01	738	1.27	0.04	9.7	4.1	730	26.5	120.5
K271398		0.16	2.9	0.032	2.68	25.3	82.9	0.97	700	2.23	0.04	9.1	3.9	700	26.4	148.0
K271399		0.15	0.9	0.181	2.18	24.3	136.0	1.26	972	11.50	0.04	6.5	2.5	480	496	115.0
K271400		0.16	0.8	0.063	3.08	25.0	104.5	0.82	1860	1.82	0.04	6.1	2.1	560	312	184.0
K271401		0.17	0.8	0.154	3.30	26.8	10.7	0.50	1190	1.76	0.03	7.0	2.6	520	905	192.0
K271402		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K271404		0.14	0.8	0.476	2.69	24.7	23.3	0.55	1680	4.50	0.02	6.5	2.4	460	689	155.0
K271405		0.15	1.0	0.043	2.77	27.5	29.0	0.91	981	2.67	0.04	7.5	2.1	530	46.6	138.0
K271406		0.18	1.0	0.123	3.05	27.8	41.3	0.94	1100	2.05	0.04	8.1	2.6	600	226	147.5
K271407		0.17	1.0	0.424	2.87	21.2	67.3	0.75	741	2.00	0.09	8.6	2.4	630	191.5	99.0
K271408		0.18	1.0	0.435	3.07	30.7	65.3	15.30	899	2.32	0.10	8.7	3.0	800	169.5	132.0
K271074		0.15	0.7	0.670	2.30	24.4	94.1	0.67	681	2.60	0.05	6.5	2.1	500	839	128.0
K271409		0.16	0.9	0.767	2.72	26.2	110.0	0.78	812	3.29	0.05	7.6	2.8	600	984	140.0
K271410		0.17	1.1	0.660	2.62	23.3	45.6	0.60	874	30.0	0.03	6.7	5.1	500	2660	160.5
K271411		0.16	2.8	0.037	2.57	27.2	188.5	0.83	548	2.15	0.06	9.1	15.2	730	78.0	92.4
K271412		0.18	3.5	0.357	2.75	30.4	23.8	0.90	627	2.56	0.05	9.0	19.5	630	1795	119.0
K271413		0.14	0.9	1.005	2.83	25.6	44.6	0.64	1120	6.43	0.03	7.2	3.4	520	3700	160.5
K271415		0.17	0.9	0.033	3.09	27.8	56.9	0.72	1020	2.71	0.05	7.6	2.4	560	40.6	162.5
K271416		0.18	0.8	0.075	2.79	26.6	57.7	0.51	1170	1.02	0.04	6.7	2.3	470	479	164.5
G006272		0.91	0.4	6.28	0.36	5.9	6.8	0.74	346	32.6	0.02	1.5	55.5	350	>10000	13.6
K271417		0.14	1.1	0.047	2.65	21.3	19.7	0.66	535	0.99	2.01	7.9	2.5	560	32.7	104.5
K271220		0.19	1.2	0.055	2.95	23.2	120.0	0.58	803	1.01	0.60	8.7	2.4	600	21.2	118.5
K271221		0.17	0.7	0.164	2.53	17.1	26.5	0.48	2160	1.65	0.02	5.5	2.5	380	2150	167.0
K271223		0.19	1.1	0.101	2.93	29.1	113.5	0.82	2560	1.72	0.05	7.9	2.6	540	605	173.0
K271244		0.20	1.4	0.041	2.88	22.0	10.7	0.78	631	2.71	2.28	9.2	2.6	590	19.9	107.0
K271245		0.21	0.9	5.15	2.75	23.5	33.7	0.58	4460	2.50	0.08	6.8	2.0	460	8930	145.0
K271246		0.19	1.1	0.260	3.15	21.6	39.5	0.71	1510	3.50	0.05	7.1	1.9	510	720	186.5
K271286		0.20	1.2	0.060	3.15	24.4	59.9	0.62	882	2.14	0.43	8.4	2.2	620	101.5	139.5
K271287		0.22	1.1	0.577	3.26	23.8	5.9	0.37	457	2.07	0.03	6.0	2.0	470	1135	208
K271288		0.21	1.9	3.24	2.20	20.0	18.2	0.60	762	14.70	0.04	6.1	3.0	410	8620	133.0
K271290		0.21	1.1	0.208	3.23	12.3	7.0	0.41	261	5.33	0.03	4.3	2.8	480	951	198.0



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016883**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K271392		<0.002	0.03	3.31	10.1	1	1.8	397	0.70	<0.05	12.3	0.257	1.29	3.6	71	3.6
K271393		<0.002	1.42	29.4	10.0	2	4.1	198.5	0.67	0.16	14.1	0.247	2.44	4.5	68	3.7
K271394		<0.002	1.41	10.15	10.7	2	2.7	174.5	0.68	0.28	14.4	0.247	3.01	4.5	71	3.0
K271395		0.003	4.18	21.8	11.5	2	5.3	95.3	0.65	0.39	12.0	0.260	3.40	4.7	86	7.2
G006271		0.021	1.62	151.5	7.0	4	333	696	0.44	0.14	4.9	0.227	3.60	1.1	80	20.7
K271396		<0.002	0.20	28.4	7.1	1	2.4	338	0.82	<0.05	8.4	0.282	2.62	4.5	71	7.3
K271398		<0.002	0.19	31.9	7.1	1	1.9	291	0.77	<0.05	9.2	0.266	2.73	8.6	66	6.0
K271399		<0.002	1.27	30.4	8.7	1	2.9	254	0.59	0.37	11.8	0.205	2.05	8.2	58	4.5
K271400		0.002	2.63	7.96	9.3	2	4.3	97.5	0.58	1.19	13.5	0.211	2.80	3.8	61	2.7
K271401		0.002	3.93	16.80	9.6	1	5.9	44.1	0.64	6.27	14.0	0.228	3.13	4.3	65	3.7
K271402		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K271404		<0.002	2.35	46.3	9.0	1	6.1	75.9	0.58	0.15	12.3	0.206	3.23	5.1	58	6.3
K271405		<0.002	0.90	15.45	9.8	2	3.7	157.0	0.71	0.13	14.1	0.229	2.63	5.7	62	5.0
K271406		<0.002	1.54	23.4	10.8	2	4.9	200	0.74	0.35	13.9	0.259	3.05	4.7	71	5.1
K271407		<0.002	0.58	9.90	11.1	2	3.3	166.0	0.78	0.45	12.3	0.271	2.30	3.3	77	3.3
K271408		0.002	0.59	9.16	11.6	2	3.2	227	0.78	0.41	14.2	0.262	2.21	4.7	72	3.5
K271074		<0.002	1.37	15.60	9.4	2	3.4	160.0	0.58	0.83	11.7	0.213	1.89	3.9	61	3.1
K271409		0.002	1.62	17.95	10.8	2	4.0	188.5	0.69	0.92	13.6	0.251	2.22	4.3	71	3.7
K271410		0.002	3.29	69.2	8.6	2	6.3	203	0.61	0.36	11.2	0.209	2.67	11.2	58	4.6
K271411		0.002	0.31	10.85	6.1	1	3.5	430	0.78	<0.05	10.3	0.264	2.26	4.7	51	3.2
K271412		<0.002	0.81	26.8	7.1	2	3.8	335	0.80	0.06	12.1	0.260	2.44	5.7	54	2.2
K271413		<0.002	2.24	43.5	9.5	2	5.7	154.5	0.65	0.78	12.4	0.228	2.92	5.7	64	5.3
K271415		<0.002	1.33	12.60	10.4	2	2.5	199.0	0.70	0.46	14.6	0.239	3.18	5.0	66	4.4
K271416		<0.002	1.91	22.9	8.7	1	3.4	108.5	0.64	0.12	13.1	0.210	2.81	4.1	58	4.8
G006272		0.031	>10.0	237	2.5	205	100.0	35.3	0.09	0.66	1.0	0.037	31.7	3.5	53	1.8
K271417		<0.002	0.54	3.04	9.6	2	2.4	326	0.75	0.11	12.2	0.242	1.38	3.7	68	2.3
K271220		<0.002	0.14	15.80	11.2	2	1.8	168.5	0.83	0.23	13.3	0.256	1.78	4.4	75	3.9
K271221		<0.002	4.43	71.9	7.7	2	9.8	46.7	0.50	<0.05	9.4	0.180	2.70	4.4	51	4.6
K271223		<0.002	1.42	28.0	10.3	1	2.3	103.0	0.64	0.30	15.5	0.228	3.06	5.6	64	6.5
K271244		<0.002	0.13	1.82	10.4	1	1.8	399	0.79	0.11	13.2	0.248	1.17	4.3	69	2.8
K271245		<0.002	3.53	141.5	8.6	2	4.3	78.6	0.56	0.41	12.3	0.189	2.03	4.8	53	3.8
K271246		<0.002	1.88	9.58	9.3	1	3.4	78.4	0.58	0.32	13.3	0.202	2.47	5.3	58	5.0
K271286		<0.002	0.39	14.60	11.7	1	2.3	179.0	0.65	0.28	13.1	0.251	1.88	3.8	73	3.7
K271287		<0.002	7.08	82.2	9.0	1	7.6	27.1	0.50	1.46	12.8	0.181	2.69	4.3	55	6.0
K271288		0.002	5.78	200	7.2	2	6.4	145.5	0.47	0.52	9.8	0.176	1.90	16.1	49	7.6
K271290		<0.002	7.33	18.85	10.4	3	4.7	32.1	0.36	1.49	11.0	0.139	3.15	2.8	62	4.9



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016883**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K271392		14.7	58	27.0				
K271393		13.2	1920	32.6				
K271394		14.7	712	30.7				
K271395		11.3	4480	26.1				
G006271		9.8	7450	14.5	109			
K271396		12.0	67	113.0				
K271398		12.2	72	106.0				
K271399		11.9	959	27.9				
K271400		12.0	323	23.0				
K271401		9.4	1220	22.8				
K271402		NSS	NSS	NSS				
K271404		10.4	1260	22.5				
K271405		13.7	99	27.9				
K271406		14.8	372	28.3				
K271407		14.5	436	27.4				
K271408		16.8	436	28.0				
K271074		12.3	1220	21.2				
K271409		13.6	1430	25.4				
K271410		10.8	3090	34.0				
K271411		10.9	92	97.9				
K271412		11.4	1450	131.5				
K271413		11.0	4000	28.3				
K271415		13.2	70	26.3				
K271416		10.1	981	23.6				
G006272		5.8	>10000	15.0	166	1.245	1.545	9.48
K271417		13.8	112	29.4				
K271220		15.3	57	32.1				
K271221		7.3	4830	19.2				
K271223		14.5	1230	28.5				
K271244		16.7	47	36.9				
K271245		13.3	>10000	23.2	145			1.095
K271246		12.7	1730	29.4				
K271286		15.4	154	31.4				
K271287		9.4	1490	29.5				
K271288		11.2	9680	62.0				
K271290		7.3	1000	30.0				



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**CERTIFICATE OF ANALYSIS WH12016883**

Method	CERTIFICATE COMMENTS
ALL METHODS ME-MS61 ME-MS61	NSS is non-sufficient sample. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12016884**

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P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12016884**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K271291		0.57	7.10	22.4	1390	1.70	0.11	3.22	0.58	52.9	7.0	15	20.5	26.9	2.38	19.00
K272008		4.23	7.79	329	470	1.43	1.86	1.50	7.62	54.0	8.5	12	13.25	30.3	4.56	16.10
K272009		73.4	6.32	8250	1580	1.29	0.48	1.60	177.0	40.8	4.8	10	12.15	206	4.75	13.85
K272010		0.75	7.24	30.2	1550	1.27	0.95	2.28	1.42	46.5	7.0	12	14.95	7.7	3.25	15.00
K272026		0.49	6.92	48.3	2160	1.62	0.21	2.59	1.50	51.6	5.0	31	29.5	12.3	2.06	18.30
K272027		8.44	6.02	6390	500	1.20	1.07	0.84	42.7	38.0	6.8	11	13.80	48.2	4.61	14.35
G006273		>100	1.45	1195	130	0.24	62.8	1.82	524	12.80	27.2	32	0.78	>10000	17.60	16.85
K272028		>100	4.42	>10000	170	0.77	15.75	1.08	537	22.2	4.5	8	6.34	1355	10.15	12.00
K272029		2.36	7.26	90.0	500	1.53	0.82	1.77	15.90	47.6	10.2	9	15.85	15.6	3.58	18.90
K272031		0.51	7.92	55.0	1690	1.27	0.91	2.27	1.04	50.6	9.1	13	11.75	6.7	3.43	17.30
K272032		1.39	7.87	851	2050	1.40	0.26	3.36	2.83	43.7	7.3	14	13.65	15.2	3.22	17.00
K272033		0.21	7.78	15.2	2150	1.36	0.19	2.89	0.51	45.4	7.4	14	13.30	9.0	3.07	16.60
K272034		0.25	7.59	10.6	2140	1.31	0.39	2.70	2.66	45.6	9.5	11	16.35	7.5	2.79	16.50
K272035		7.24	7.50	21.0	1850	1.35	1.74	2.91	16.10	45.6	12.8	11	11.85	74.2	3.52	16.85
K272036		9.78	7.27	56.9	460	0.98	4.55	1.48	36.2	21.4	22.2	13	4.64	47.1	5.77	13.75
K272037		12.90	7.16	77.5	460	0.86	5.63	0.92	96.0	11.55	28.0	16	6.32	99.7	7.23	13.30
K272038		3.43	7.05	12.9	650	1.27	3.36	2.70	3.23	17.80	30.6	10	4.57	9.1	4.93	15.05
G006274		>100	7.45	45.7	1540	1.05	1.70	2.32	56.5	29.0	12.4	22	2.41	4520	3.75	20.3
K271636		0.28	7.22	17.9	2180	1.37	0.15	2.57	0.45	40.7	5.9	13	12.50	9.2	2.97	16.30
K271637		10.70	6.96	1560	1500	1.41	2.42	2.04	27.0	47.6	6.5	13	22.8	65.2	3.25	15.90
K271638		0.22	7.09	34.8	980	1.65	0.19	2.90	0.65	49.8	5.4	24	32.9	10.6	2.34	19.00
K271639		52.7	5.10	>10000	1930	0.80	3.45	1.90	144.0	33.7	6.1	12	9.02	220	8.76	13.05
K271641		17.95	7.08	8650	400	1.42	0.32	2.72	92.0	52.3	7.2	17	17.80	68.6	4.32	16.80
K271642		1.11	7.52	257	1570	1.34	0.20	2.30	3.34	42.1	5.8	10	19.60	12.8	3.04	17.10
K271652		5.52	4.96	706	520	0.62	0.17	2.18	24.6	6.68	5.0	15	3.57	16.0	4.03	17.80
K271653		48.8	4.79	3070	250	0.94	3.50	1.95	56.1	22.7	12.7	9	14.85	169.5	4.35	10.85
K271655		2.42	7.46	200	2010	1.26	0.55	2.29	6.48	49.2	10.9	11	10.20	12.9	3.34	16.15
K271113		0.17	0.12	13	30	0.07	0.03	21.0	0.25	1.35	1.3	2	0.22	3.2	0.47	0.38
K271704		0.26	7.35	24.1	1250	1.48	0.15	2.97	0.26	49.3	6.4	10	21.1	6.3	2.62	18.65
K271705		6.09	7.34	640	2000	1.51	0.14	2.68	26.2	47.4	7.1	12	20.9	31.7	2.54	18.65
K271706		44.0	6.69	3120	720	1.39	1.15	2.39	141.5	39.5	5.7	11	19.80	173.0	3.39	15.85
K271716		5.58	6.89	331	2220	1.35	1.21	2.03	11.05	38.6	6.8	11	18.20	37.6	2.55	17.00
K271718		1.32	6.96	110.0	1500	1.28	0.51	2.49	2.83	45.8	6.0	11	19.35	10.9	2.78	15.50
K271719		13.95	7.03	1095	710	1.34	1.26	1.55	27.7	46.7	7.2	8	31.1	72.7	3.94	16.00
K271720		0.30	7.01	26.0	1860	1.31	0.11	2.54	0.44	41.0	7.3	11	19.45	7.7	2.85	16.55
K271721		1.71	6.86	121.5	1580	1.20	0.14	2.40	6.83	38.4	6.9	11	17.45	29.4	2.67	16.50



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016884**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K271291		0.15	3.4	0.028	2.48	25.3	33.3	0.80	505	0.97	0.49	10.7	6.2	1020	25.9	62.2
K272008		0.18	1.1	0.121	3.54	28.8	15.4	0.55	1060	0.78	0.06	7.7	2.7	590	1080	195.5
K272009		0.15	0.9	0.597	2.80	21.4	12.2	0.59	2600	0.67	0.02	5.8	1.8	450	>10000	156.0
K272010		0.16	1.1	0.065	3.32	23.4	25.3	0.65	1500	0.81	0.57	7.4	1.9	550	78.6	142.5
K272026		0.14	3.8	0.044	2.49	25.8	36.2	0.86	699	2.48	0.06	8.6	18.7	600	73.0	78.6
K272027		0.17	1.3	0.431	2.51	20.0	27.2	0.41	626	10.80	0.02	6.0	4.8	440	2160	150.5
G006273		1.03	0.6	7.01	0.43	7.2	6.6	0.84	395	37.2	0.02	1.7	52.6	410	>10000	15.5
K272028		0.22	0.7	12.20	2.00	10.3	10.4	0.28	10250	1.27	0.02	3.9	1.2	320	>10000	118.5
K272029		0.14	1.1	0.067	3.17	21.8	26.4	0.71	1400	0.62	0.07	8.1	2.5	550	467	176.5
K272031		0.15	1.3	0.060	2.70	24.8	25.2	0.87	553	1.47	0.67	9.0	2.4	670	54.7	106.5
K272032		0.15	1.2	0.056	2.66	21.2	22.9	0.83	704	0.55	1.92	8.8	2.7	680	220	96.4
K272033		0.14	1.1	0.049	2.55	21.1	15.7	0.80	749	0.55	2.37	8.4	2.3	650	37.0	89.6
K272034		0.15	1.1	0.058	2.34	22.2	62.3	0.69	558	1.13	1.46	8.2	2.2	620	25.0	91.0
K272035		0.16	1.1	0.102	2.75	22.2	11.5	0.84	1380	0.93	1.10	8.1	2.3	660	1050	132.0
K272036		0.18	1.3	0.416	3.38	7.3	5.0	0.74	1740	4.20	0.04	6.3	3.7	600	1440	215
K272037		0.20	1.8	0.497	3.23	4.1	4.6	0.75	1880	1.03	0.04	5.1	3.8	610	2600	200
K272038		0.17	0.9	0.228	3.27	6.7	3.5	0.84	2590	1.50	0.04	5.9	2.9	530	229	199.5
G006274		0.15	0.5	13.20	2.18	14.0	10.4	0.65	571	36.2	2.44	6.8	10.6	790	8780	61.8
K271636		0.15	1.2	0.056	3.02	19.5	7.6	0.65	632	1.16	1.89	8.2	2.3	590	32.2	112.0
K271637		0.16	1.4	0.248	2.98	24.1	36.4	0.60	1680	2.30	0.08	7.8	2.9	590	1340	131.0
K271638		0.16	3.0	0.031	2.40	23.9	88.3	0.86	671	0.76	0.07	9.3	13.5	760	30.4	74.8
K271639		0.23	0.8	0.850	2.09	17.1	18.7	0.61	5050	4.30	0.02	5.0	1.8	350	6330	111.5
K271641		0.17	2.5	0.482	2.25	26.6	115.5	0.89	2270	3.80	0.03	8.5	5.6	890	2090	98.4
K271642		0.16	1.2	0.080	3.28	20.1	37.3	0.64	1320	1.32	0.44	8.5	2.2	620	151.5	122.0
K271652		0.13	0.8	0.284	1.31	2.9	12.4	0.93	1500	7.91	0.20	4.9	1.3	340	790	86.8
K271653		0.15	0.7	0.543	1.95	11.4	25.3	0.65	2990	39.1	0.05	5.1	3.6	350	1455	110.5
K271655		0.16	1.0	0.077	3.37	25.5	25.0	0.77	1660	2.18	0.28	8.1	2.3	590	98.6	173.0
K271113		0.12	<0.1	0.006	0.04	0.7	1.1	12.50	224	0.29	0.01	0.4	1.6	250	6.7	2.0
K271704		0.19	3.2	0.031	3.19	24.8	34.5	0.94	715	1.48	0.05	10.4	3.9	760	19.1	140.0
K271705		0.17	3.0	0.317	3.74	22.9	28.2	0.81	652	2.35	0.06	10.1	3.7	750	845	159.0
K271706		0.16	1.3	1.190	3.19	19.1	37.1	0.53	603	1.79	0.71	7.7	2.3	530	5760	141.0
K271716		0.15	1.1	0.226	2.83	18.0	48.0	0.56	669	4.12	0.10	8.5	3.4	590	504	96.8
K271718		0.15	1.0	0.099	2.72	22.7	82.6	0.78	1020	1.58	0.08	7.7	1.9	550	163.5	95.8
K271719		0.18	1.2	0.354	2.65	23.5	37.3	0.56	874	5.71	0.02	7.9	2.3	530	1520	160.0
K271720		0.15	1.1	0.045	3.01	19.5	41.5	0.67	706	2.01	0.62	8.3	2.1	580	24.8	110.5
K271721		0.15	1.0	0.065	3.17	17.6	41.9	0.60	1360	1.81	0.08	8.2	2.3	580	130.5	113.0



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016884**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K271291		<0.002	0.03	10.25	4.7	1	1.6	498	0.76	<0.05	8.0	0.286	1.05	4.5	52	1.3
K272008		<0.002	3.56	11.40	10.0	1	5.9	85.0	0.64	0.30	13.8	0.230	2.72	4.5	68	3.6
K272009		<0.002	4.10	103.0	7.6	1	6.0	75.8	0.50	0.07	11.6	0.185	2.76	3.9	53	4.8
K272010		<0.002	1.19	6.73	9.1	1	2.7	193.0	0.65	0.45	12.1	0.219	2.25	3.9	63	2.4
K272026		<0.002	0.18	15.65	5.4	1	1.7	446	0.72	<0.05	9.9	0.235	1.83	6.1	49	1.5
K272027		<0.002	4.06	57.5	7.3	1	6.4	119.0	0.52	0.11	10.4	0.186	2.39	6.5	52	5.4
G006273		0.034	>10.0	275	2.3	227	122.5	41.5	0.10	0.81	1.1	0.041	33.5	3.8	61	1.8
K272028		<0.002	8.65	341	4.8	3	13.8	43.9	0.34	0.15	6.7	0.125	2.03	4.4	38	4.3
K272029		<0.002	2.42	12.55	12.1	1	2.7	118.0	0.50	0.21	10.6	0.242	2.30	4.3	67	4.2
K272031		<0.002	1.58	6.58	12.0	2	2.8	230	0.71	0.23	12.1	0.274	1.56	4.0	80	5.6
K272032		<0.002	0.44	8.65	10.9	1	2.4	400	0.71	0.06	11.5	0.277	1.21	3.8	79	2.0
K272033		<0.002	0.18	2.24	10.9	1	2.1	408	0.69	0.05	11.6	0.259	1.12	3.7	75	1.5
K272034		<0.002	0.60	9.21	10.8	1	2.1	349	0.67	0.12	11.3	0.254	1.18	3.7	74	2.3
K272035		<0.002	1.43	15.60	11.2	1	2.4	261	0.65	0.29	12.0	0.249	2.08	4.0	76	5.2
K272036		<0.002	4.29	5.77	8.4	2	4.6	32.4	0.50	1.20	12.1	0.192	2.63	5.2	60	8.4
K272037		<0.002	4.85	8.44	9.4	2	5.8	31.5	0.43	1.49	10.4	0.197	2.61	4.8	67	9.9
K272038		<0.002	3.42	3.72	8.8	2	2.7	47.4	0.49	0.71	11.3	0.177	2.49	4.2	58	3.3
G006274		0.021	1.53	150.0	6.5	4	342	667	0.42	0.10	5.0	0.210	3.50	1.1	75	19.3
K271636		<0.002	0.08	4.44	9.6	1	2.0	342	0.70	<0.05	10.6	0.240	1.50	3.2	69	1.5
K271637		<0.002	1.38	30.5	8.7	1	3.0	259	0.65	0.10	11.1	0.227	2.28	3.9	60	2.9
K271638		<0.002	0.07	11.70	5.8	1	1.7	483	0.75	<0.05	9.0	0.253	1.53	3.6	50	2.2
K271639		<0.002	7.50	201	5.9	1	19.2	71.7	0.44	0.16	8.3	0.147	1.93	2.2	43	4.1
K271641		<0.002	2.31	69.7	7.3	1	6.2	234	0.62	<0.05	9.3	0.266	2.10	4.0	62	3.6
K271642		<0.002	0.30	13.35	9.9	1	3.2	166.5	0.72	<0.05	11.7	0.252	2.32	2.9	71	2.9
K271652		0.002	1.89	27.2	10.9	1	2.8	126.5	0.38	0.06	9.5	0.152	0.99	3.0	122	2.8
K271653		0.005	3.28	162.5	6.4	1	3.1	77.1	0.41	0.22	8.2	0.143	1.68	6.9	45	3.1
K271655		<0.002	1.41	13.80	10.7	1	3.3	104.5	0.67	0.15	12.6	0.243	2.23	4.7	71	4.5
K271113		<0.002	0.02	0.67	0.3	1	<0.2	40.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5	3	0.1
K271704		<0.002	0.17	26.5	7.4	1	1.4	330	0.80	<0.05	8.8	0.275	3.11	5.5	69	5.8
K271705		<0.002	0.51	30.6	7.7	1	1.8	306	0.78	<0.05	9.2	0.273	4.07	6.1	69	6.0
K271706		<0.002	1.46	47.4	8.7	1	3.4	220	0.67	0.06	11.6	0.217	2.13	5.8	61	3.2
K271716		<0.002	0.41	21.1	9.6	1	2.2	128.5	0.68	0.58	10.9	0.238	1.58	3.4	67	3.7
K271718		<0.002	0.20	15.25	9.4	1	1.7	145.0	0.63	0.11	12.1	0.225	1.72	3.9	65	4.7
K271719		<0.002	3.15	47.1	9.3	1	2.8	127.5	0.65	0.25	11.9	0.216	3.48	5.1	61	5.9
K271720		<0.002	0.11	7.69	9.9	1	1.8	195.0	0.68	<0.05	11.1	0.241	1.95	3.5	68	2.8
K271721		<0.002	0.37	13.95	9.4	1	2.0	142.0	0.67	<0.05	10.4	0.235	2.32	3.3	67	3.3





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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016884**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K271291		8.4	157	130.5				
K272008		11.9	671	30.9				
K272009		9.4	9910	23.4			1.755	
K272010		13.5	122	28.4				
K272026		10.8	148	143.0				
K272027		7.0	2740	38.0				
G006273		6.9	>10000	17.2	160	1.290	1.520	9.47
K272028		6.3	>10000	19.6	145		2.60	3.34
K272029		15.1	928	27.7				
K272031		16.0	105	32.0				
K272032		16.2	236	31.1				
K272033		16.1	74	28.8				
K272034		14.8	282	27.6				
K272035		14.2	1060	28.4				
K272036		7.0	3240	37.7				
K272037		5.9	8260	60.2				
K272038		10.5	310	22.5				
G006274		9.9	6700	15.2	100			
K271636		14.3	73	32.2				
K271637		12.0	2130	41.9				
K271638		11.2	101	104.0				
K271639		7.9	9810	21.4				
K271641		11.5	5270	95.9				
K271642		14.5	271	33.0				
K271652		5.5	2380	20.1				
K271653		8.1	4810	20.1				
K271655		14.0	665	26.8				
K271113		0.8	31	<0.5				
K271704		14.1	89	120.5				
K271705		13.3	1690	110.5				
K271706		12.5	8120	35.6				
K271716		13.0	733	31.1				
K271718		14.6	212	26.1				
K271719		13.0	1820	33.9				
K271720		14.2	63	29.7				
K271721		13.1	410	28.1				



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**CERTIFICATE OF ANALYSIS WH12016884**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12016885**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% < 75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12016885**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K271722		12.40	6.73	1130	1520	1.38	0.35	2.08	28.0	43.2	7.1	17	17.30	71.8	3.32	16.55
K271723		>100	6.04	9250	1460	1.36	7.98	2.19	146.5	49.6	7.3	18	17.35	432	4.61	16.35
K271724		>100	4.02	9240	1140	0.90	24.9	1.84	390	30.2	11.4	13	10.60	2830	12.40	11.10
K271726		9.03	7.76	1530	2210	1.11	0.86	2.48	5.64	70.4	7.8	24	18.30	42.9	3.26	19.90
K271727		14.50	7.17	6470	1810	1.17	0.66	3.11	9.15	45.7	6.2	13	17.50	235	4.20	17.80
K271728		1.28	7.11	141.0	1510	0.94	0.50	2.16	0.33	47.1	6.3	11	17.65	11.2	2.83	17.50
K271491		2.25	7.24	135.5	1150	0.97	0.20	1.92	1.14	51.5	8.4	9	24.6	18.4	2.86	16.45
K271342		0.08	0.12	<5	30	0.05	0.02	21.7	0.15	1.54	1.3	1	0.37	2.4	0.53	0.39
K271492		>100	2.63	>10000	190	0.50	66.7	3.47	849	16.65	8.0	6	4.83	1685	8.27	7.55
K271493		2.06	7.21	232	790	1.12	0.51	2.47	3.92	45.9	7.9	10	25.2	19.6	2.71	17.25
K271495		0.27	6.82	30.6	2680	1.07	0.31	2.71	0.37	40.6	7.1	12	15.80	5.2	2.89	16.70
K271527		0.29	7.84	34.4	1110	1.54	0.21	2.05	0.75	67.3	6.6	16	21.8	10.1	2.70	21.8
K271528		10.20	5.95	1375	630	1.06	4.36	1.83	60.8	42.7	8.5	9	19.75	197.0	4.54	15.00
G006275		>100	1.47	1220	290	0.22	55.0	1.91	539	13.05	33.2	32	0.77	>10000	18.40	21.3
K271529		0.83	7.59	61.3	3010	1.46	0.40	2.84	3.38	57.5	7.0	12	34.5	30.7	2.64	19.80
K271530		0.60	7.08	60.5	2060	1.22	0.36	1.92	1.57	69.4	7.3	19	21.2	28.0	2.59	18.40
K271531		>100	3.59	>10000	1160	0.77	26.2	0.78	>1000	28.8	7.4	9	11.55	2040	8.72	12.30
K271532		3.06	8.12	1430	520	1.58	0.26	2.19	12.70	70.4	8.6	27	16.65	47.7	3.59	22.7
K271533		41.3	6.57	2240	270	1.00	19.75	0.67	204	44.2	10.3	10	8.19	888	6.69	16.60
K271535		1.70	7.95	51.0	1460	1.23	1.17	2.07	5.42	52.0	8.4	10	21.6	32.6	3.33	18.05
K271555		4.23	7.50	792	1160	1.01	1.54	2.17	58.2	55.8	8.4	11	15.80	37.8	3.91	17.65
K271557		0.55	7.48	37.6	1460	1.01	0.14	3.01	2.02	57.3	6.1	31	20.1	14.8	2.35	20.3
K271558		42.6	5.91	6530	710	1.04	6.55	1.25	226	42.2	7.7	12	15.55	377	4.60	15.30
K271559		7.73	7.05	1460	820	1.30	1.16	1.76	28.5	56.3	7.0	23	31.7	88.0	2.96	19.40
K271560		1.99	6.81	66.9	1120	1.28	0.48	1.84	5.47	51.6	5.7	29	33.7	33.0	2.01	19.35
K271811		1.26	7.54	383	1190	1.03	0.14	1.88	3.42	43.5	6.8	10	21.4	14.7	2.70	17.75
G006276		>100	7.80	59.0	1580	0.99	1.58	2.50	47.9	32.1	14.1	21	2.58	4550	4.02	23.5
K271812		11.30	6.56	263	1260	0.94	2.88	1.92	13.65	40.0	51.3	10	13.75	43.5	5.68	15.45
K271814		4.36	6.92	331	1140	1.17	0.65	2.18	11.75	45.9	9.2	10	14.90	34.8	3.71	16.85
K271815		0.25	7.24	8.2	2170	1.11	0.12	2.73	0.29	43.3	6.8	12	11.95	14.2	2.92	17.45
K271816		2.64	7.43	119.0	1510	1.10	0.21	2.38	9.76	49.6	7.5	10	17.45	41.6	3.69	17.55
K271838		0.44	7.13	24.7	900	1.36	0.16	3.19	0.34	48.1	7.6	9	27.6	13.1	2.52	19.55
K271839		>100	6.97	3050	960	1.13	2.68	1.92	89.3	47.7	7.2	8	19.55	286	3.63	16.45
K271841		7.02	7.22	2470	2020	1.17	3.25	2.57	8.98	48.9	6.3	8	19.50	41.0	3.52	17.00
K271842		1.25	7.44	237	1990	1.15	0.37	2.39	3.00	45.8	8.1	9	23.2	13.8	3.09	17.70
K271843		30.1	7.09	2000	1100	1.36	2.11	1.98	65.1	53.6	7.0	11	22.2	85.8	3.54	17.05



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**CERTIFICATE OF ANALYSIS WH12016885**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5
K271722		0.11	1.0	0.168	2.95	20.8	55.0	0.69	1280	1.95	0.07	8.3	5.1	550	1555
K271723		0.14	2.1	2.16	1.46	25.4	106.5	0.74	709	15.65	0.04	7.8	8.2	540	5990
K271724		0.20	1.1	11.30	1.18	15.8	56.6	0.47	637	23.5	0.03	4.6	5.6	340	>10000
K271726		0.17	4.6	0.113	0.94	37.2	71.8	1.01	676	1.41	0.05	12.0	8.4	1320	723
K271727		0.20	1.4	0.211	2.58	23.9	24.0	1.00	885	1.96	0.94	8.8	5.1	570	810
K271728		0.18	1.2	0.084	2.72	24.0	23.9	0.67	976	1.40	0.13	8.9	2.6	590	39.4
K271491		0.20	1.1	0.055	2.85	28.7	29.3	0.70	854	1.25	0.04	8.3	2.7	530	74.9
K271342		0.11	<0.1	0.009	0.05	0.8	1.0	12.75	224	0.17	0.01	0.4	1.8	190	8.1
K271492		0.16	0.5	32.3	1.13	7.3	14.1	1.39	1700	16.00	0.02	2.9	1.6	150	>10000
K271493		0.18	1.3	0.188	3.00	23.0	63.5	0.69	1240	2.62	0.04	8.8	2.7	570	232
K271495		0.19	1.3	0.057	2.81	20.2	19.5	0.62	593	3.05	1.45	8.5	2.4	550	33.2
K271527		0.22	4.4	0.043	2.70	34.6	460	0.89	588	1.33	0.06	12.4	5.7	1150	41.6
K271528		0.19	1.5	1.175	2.33	22.2	27.5	0.68	1080	14.50	0.05	7.0	4.1	470	1480
G006275		1.20	0.7	7.32	0.43	7.6	5.9	0.90	407	41.7	0.02	2.0	63.0	420	>10000
K271529		0.19	3.8	0.115	2.66	30.2	94.1	1.08	610	1.99	0.10	10.9	5.0	870	117.0
K271530		0.20	4.2	0.065	1.81	37.2	135.5	0.87	715	5.54	0.06	10.7	6.3	1070	64.4
K271531		0.20	1.4	24.2	1.25	15.3	49.9	0.35	1060	199.0	0.04	4.3	5.2	360	>10000
K271532		0.19	4.9	0.144	2.37	36.3	560	1.02	853	5.29	0.04	13.3	10.0	1430	286
K271533		0.21	1.3	6.95	3.04	22.7	12.2	0.40	710	13.10	0.04	7.2	3.0	530	5920
K271535		0.20	1.4	0.169	2.49	27.9	243	0.77	730	3.85	0.05	8.2	2.9	630	257
K271555		0.23	1.2	1.090	3.05	30.7	22.9	0.75	1060	4.16	0.26	8.2	3.4	560	810
K271557		0.21	4.0	0.053	2.32	30.9	233	1.02	580	2.64	0.06	9.9	21.7	620	68.6
K271558		0.21	1.5	3.19	2.43	22.4	17.8	0.56	892	3.90	0.04	7.0	8.4	460	8520
K271559		0.21	2.9	0.714	2.56	30.9	58.2	0.76	796	8.72	0.06	9.0	15.7	600	1255
K271560		0.21	4.0	0.170	2.53	26.8	37.4	0.76	489	3.41	0.07	9.3	20.0	590	304
K271811		0.24	1.1	0.051	3.10	22.2	32.3	0.65	1280	2.01	0.21	8.6	2.5	580	345
G006276		0.23	0.6	13.10	2.27	16.5	8.4	0.71	605	41.2	2.63	8.1	12.7	830	9370
K271812		0.21	1.0	0.318	2.66	21.6	38.2	0.72	1460	1.48	0.07	6.8	3.2	440	2720
K271814		0.20	1.1	0.253	3.26	24.0	20.5	0.62	2250	1.63	0.10	8.4	2.4	540	785
K271815		0.23	1.1	0.078	2.69	21.4	6.1	0.73	675	1.69	2.01	8.8	2.6	560	33.9
K271816		0.24	1.2	0.065	3.06	25.5	10.2	0.65	1470	2.27	1.13	8.8	2.8	590	770
K271838		0.25	3.7	0.048	3.06	24.0	22.8	0.98	588	1.58	0.07	11.4	4.6	750	43.2
K271839		0.20	1.3	0.718	2.95	24.8	12.2	0.69	1460	2.31	0.04	8.0	2.4	540	>10000
K271841		0.22	1.4	0.125	3.12	25.3	61.6	0.66	1040	1.40	0.53	9.0	2.4	570	1135
K271842		0.22	1.3	0.069	3.25	23.4	28.3	0.74	1160	1.27	0.07	8.9	2.6	580	158.0
K271843		0.14	1.5	0.382	2.78	27.5	29.0	0.68	1360	2.15	0.04	8.0	3.0	570	4690



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**CERTIFICATE OF ANALYSIS WH12016885**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K271722		<0.002	1.49	36.5	10.2	1	2.5	117.5	0.63	0.08	10.4	0.240	2.67	3.8	65	3.0
K271723		<0.002	3.52	223	6.6	2	8.6	254	0.57	0.39	9.2	0.215	1.75	6.6	46	3.5
K271724		0.002	>10.0	750	5.2	4	17.2	187.5	0.34	1.13	6.1	0.133	1.42	4.3	35	3.0
K271726		<0.002	0.45	56.6	7.3	1	2.0	236	0.75	0.08	9.3	0.349	0.78	5.1	66	2.8
K271727		<0.002	1.60	64.1	10.7	1	3.4	249	0.64	0.13	12.1	0.248	1.89	3.6	66	2.5
K271728		<0.002	0.28	18.35	10.8	1	2.5	109.0	0.68	0.56	11.2	0.257	1.99	3.7	68	2.7
K271491		<0.002	2.06	25.2	10.8	1	1.7	89.8	0.65	<0.05	13.8	0.241	3.69	6.3	64	7.5
K271342		<0.002	0.02	0.34	0.3	1	<0.2	48.9	<0.05	<0.05	0.2	<0.005	0.03	0.5	2	0.1
K271492		<0.002	>10.0	449	4.0	3	5.6	72.7	0.25	0.67	4.7	0.073	1.35	3.2	24	2.8
K271493		<0.002	1.36	17.60	10.3	1	2.0	126.5	0.77	0.08	12.4	0.246	3.25	7.1	67	4.8
K271495		<0.002	0.30	4.46	10.1	1	1.8	278	0.73	0.10	11.8	0.238	1.69	4.7	66	5.6
K271527		<0.002	0.11	25.3	6.0	1	1.9	518	0.82	<0.05	9.9	0.332	1.76	4.0	56	2.9
K271528		<0.002	2.76	108.0	8.3	1	6.7	123.0	0.53	0.16	9.7	0.198	2.18	4.7	54	4.9
G006275		0.034	>10.0	289	3.3	237	125.5	48.9	0.11	0.91	1.1	0.044	36.4	3.8	61	1.9
K271529		<0.002	0.37	17.20	8.1	1	2.0	318	0.76	<0.05	9.7	0.304	2.03	5.0	70	2.9
K271530		<0.002	0.28	30.6	7.3	1	3.7	581	0.71	<0.05	9.8	0.313	1.24	7.2	61	4.5
K271531		0.005	>10.0	607	4.1	4	22.7	261	0.30	0.36	5.5	0.127	1.84	12.3	33	3.0
K271532		<0.002	0.34	51.4	7.8	1	3.9	556	0.79	0.07	9.5	0.387	1.45	4.9	74	4.7
K271533		0.002	6.98	135.5	9.9	2	10.3	69.1	0.56	0.83	11.7	0.211	2.50	4.8	59	9.1
K271535		<0.002	1.77	23.0	11.3	1	2.5	212	0.67	0.38	14.6	0.239	2.22	5.2	68	3.8
K271555		<0.002	2.65	14.95	11.3	1	3.5	176.5	0.66	0.39	14.1	0.246	2.55	4.8	66	4.2
K271557		<0.002	0.14	11.45	6.5	1	1.9	817	0.73	<0.05	11.4	0.258	1.56	5.1	50	1.6
K271558		<0.002	4.49	89.0	8.2	2	6.1	153.5	0.53	0.13	10.2	0.203	2.39	4.9	53	4.1
K271559		<0.002	1.34	53.4	7.8	1	5.1	327	0.71	<0.05	12.3	0.247	2.13	8.7	55	3.4
K271560		<0.002	0.17	26.0	6.0	1	1.8	412	0.73	<0.05	10.6	0.247	1.69	6.5	49	2.6
K271811		<0.002	0.57	23.3	10.9	1	2.1	110.5	0.65	<0.05	12.3	0.252	2.69	4.6	69	5.3
G006276		0.020	1.67	159.5	8.1	4	335	686	0.46	0.14	5.4	0.234	3.65	1.2	80	19.1
K271812		<0.002	4.75	25.5	9.9	1	3.6	103.5	0.51	0.83	11.5	0.203	2.50	5.0	62	3.6
K271814		<0.002	1.98	14.10	10.4	1	3.0	103.0	0.65	0.15	11.8	0.243	2.91	4.7	65	3.4
K271815		<0.002	0.03	2.33	10.9	1	2.1	340	0.64	<0.05	11.5	0.243	1.40	3.4	66	2.4
K271816		<0.002	1.30	7.74	12.0	1	2.9	216	0.64	<0.05	13.2	0.255	2.07	4.3	72	2.7
K271838		<0.002	0.14	19.55	8.2	1	2.0	400	0.80	<0.05	8.7	0.295	2.99	5.0	71	2.3
K271839		<0.002	2.98	166.0	10.3	1	3.9	139.0	0.62	0.40	12.6	0.225	3.27	4.4	62	7.8
K271841		<0.002	1.25	27.3	11.0	1	3.5	229	0.74	0.11	13.4	0.247	2.33	3.8	66	4.3
K271842		<0.002	0.88	8.80	11.0	1	3.5	179.0	0.69	0.15	12.3	0.264	2.66	4.5	71	4.2
K271843		<0.002	2.08	46.6	9.9	1	4.3	148.0	0.63	0.11	14.2	0.237	2.78	5.3	66	5.0



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**CERTIFICATE OF ANALYSIS WH12016885**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K271722		12.6	1980	26.5				
K271723		10.5	9630	68.2	104			
K271724		7.7	>10000	34.4	310		2.53	3.75
K271726		12.0	523	195.0				
K271727		14.2	864	47.6				
K271728		14.4	65	33.8				
K271491		13.5	144	29.8				
K271342		0.9	29	0.5				
K271492		6.7	>10000	12.0	215		3.78	6.06
K271493		14.7	393	34.9				
K271495		14.1	69	37.4				
K271527		10.5	152	176.0				
K271528		10.9	4500	54.8				
G006275		8.2	>10000	22.2	153	1.235	1.460	9.08
K271529		14.2	407	154.5				
K271530		13.1	208	172.0				
K271531		6.7	>10000	56.4	157		2.38	8.37
K271532		13.3	1360	215				
K271533		10.3	>10000	40.7				1.345
K271535		14.8	482	42.4				
K271555		14.2	4500	32.8				
K271557		12.5	200	166.0				
K271558		9.7	>10000	51.3				1.305
K271559		11.8	2200	110.5				
K271560		11.3	468	157.0				
K271811		12.8	447	31.7				
G006276		11.5	7280	17.4	103			
K271812		13.0	1720	28.7				
K271814		12.9	1480	34.2				
K271815		15.6	68	33.9				
K271816		15.7	1460	36.5				
K271838		14.0	85	144.0				
K271839		13.0	6100	40.9	115		2.00	
K271841		15.2	924	40.2				
K271842		14.2	329	36.7				
K271843		14.3	4170	48.9				



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**CERTIFICATE OF ANALYSIS WH12016885**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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Finalized Date: 16-MAR-2012

Account: ROCKHA

**CERTIFICATE WH12016886**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 Finalized Date: 16-MAR-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016886**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K271844		0.93	7.91	46.4	1210	1.90	0.15	2.08	4.20	63.1	5.7	14	23.0	10.3	2.74	18.70
K271845		0.21	7.61	21.9	1550	2.16	0.04	2.82	0.53	54.0	5.6	14	22.8	9.3	2.23	19.35
K271846		5.82	7.95	639	2300	2.29	1.04	2.46	20.4	51.0	8.5	8	32.8	43.5	3.43	17.25
K271847		2.42	8.20	75.6	1160	2.05	0.18	3.15	1.41	51.0	7.2	8	28.1	10.4	2.63	18.55
K271848		0.54	7.79	49.1	1110	1.80	0.02	3.34	0.22	47.3	6.9	9	20.5	7.8	2.56	18.15
K271849		20.0	7.60	3630	570	1.87	2.66	2.47	63.3	50.2	7.7	9	21.8	112.0	3.88	17.55
K271850		0.20	8.04	44.0	1010	1.84	0.09	3.07	0.25	55.2	6.0	22	29.6	12.1	2.29	20.1
K271851		15.30	7.95	2170	820	1.44	5.48	1.36	33.4	47.6	9.8	8	14.95	182.0	5.11	16.50
G006277		>100	8.19	63.2	1640	1.29	1.31	2.59	56.0	29.1	13.8	22	2.42	5020	4.06	22.2
K271853		37.8	7.08	1200	1060	1.41	5.45	1.54	22.3	51.3	7.1	8	11.15	251	4.10	16.20
K271854		0.31	7.25	23.1	750	1.45	0.07	3.59	0.36	53.7	4.9	20	5.74	8.9	1.96	17.30
K271855		0.30	6.19	26.2	460	1.31	0.08	5.85	0.21	46.8	4.6	14	5.54	7.6	2.07	14.00
K271856		2.82	7.36	691	1040	1.60	0.41	3.02	6.76	56.5	6.6	22	15.40	22.8	2.42	17.45
K271857		13.45	7.11	2240	1140	1.45	1.34	2.05	22.9	47.8	9.6	7	12.40	45.3	3.87	15.55
K271859		2.41	7.54	102.5	1860	1.57	0.75	2.66	9.66	43.4	9.3	11	16.20	10.8	3.73	16.50
K272134		0.68	8.05	48.8	870	1.76	0.28	1.64	2.58	75.0	6.7	15	23.9	13.7	2.68	19.75
K271303		0.01	0.07	<5	20	<0.05	0.01	21.4	0.07	1.37	1.3	2	0.17	1.5	0.44	0.33
K272135		1.74	7.69	49.1	1390	1.51	0.98	2.11	5.39	44.8	7.7	15	14.10	7.2	3.36	16.25
K272137		3.03	7.14	1210	960	1.44	0.97	1.65	7.73	49.9	6.7	8	15.00	14.1	4.12	15.70
K272138		7.93	7.53	1540	1250	1.57	1.26	1.99	71.3	49.7	7.5	8	18.35	70.5	3.96	16.00
K272139		1.19	7.23	96.6	1780	1.40	0.55	2.40	1.78	40.9	7.2	9	18.10	15.0	3.26	16.05
K272140		7.49	7.45	232	1070	1.43	2.58	2.01	18.90	45.1	7.0	9	19.30	91.1	3.95	15.75
K272149		0.47	7.23	50.2	1090	1.73	0.08	3.07	0.28	46.2	6.4	8	23.8	6.1	2.34	17.90
K272150		>100	4.84	>10000	2010	1.09	12.15	0.77	988	29.2	6.2	6	13.25	2170	7.94	11.40
K272152		0.92	7.37	63.6	2060	1.91	0.13	2.08	2.65	58.9	7.5	23	22.8	16.2	2.69	19.35
K272153		4.08	3.73	442	380	0.70	4.30	0.57	2.70	10.95	15.8	8	2.43	8.5	20.7	7.60
K272154		3.61	5.26	88.6	360	1.02	4.71	0.18	1.60	6.88	12.4	10	2.89	5.3	8.71	10.30
K272155		4.70	7.14	131.0	1370	1.31	2.39	0.90	14.20	23.8	8.8	9	5.37	13.6	4.94	12.90
K272156		1.48	7.57	30.1	1290	1.27	1.05	2.37	2.83	49.7	7.8	10	15.30	4.3	3.00	16.40
K272157		1.75	7.43	43.2	900	1.27	1.17	2.02	5.51	47.2	7.7	17	14.75	7.6	3.37	16.50
G006278		>100	1.35	1070	240	0.28	60.5	1.74	497	13.20	28.4	31	0.72	>10000	16.75	17.60
K272158		10.20	6.61	5070	1520	1.18	1.36	1.72	39.1	37.6	7.1	11	13.65	46.8	5.03	15.40
K272159		2.25	7.27	158.5	930	1.23	0.74	2.23	10.50	53.1	8.5	13	18.75	11.2	3.35	16.30
K272160		0.39	7.56	22.1	1390	1.39	0.52	2.13	0.42	58.9	7.1	12	22.7	8.8	2.99	16.40
K272161		10.40	6.93	2770	700	1.21	0.56	2.31	50.8	49.9	7.2	14	17.45	42.3	4.48	16.00
K272162		0.97	7.27	185.5	1620	1.24	0.40	2.33	1.23	58.5	7.1	12	25.4	6.7	2.72	16.60



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016886**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K271844		0.16	3.5	0.075	2.79	33.1	89.5	0.81	623	0.67	0.04	11.0	4.7	990	165.0	108.5
K271845		0.16	3.3	0.026	2.72	27.4	157.5	0.75	457	2.09	0.04	11.2	4.8	960	34.1	80.4
K271846		0.20	1.4	0.307	3.27	27.0	37.2	0.94	1320	2.61	0.06	8.4	2.8	650	1040	163.0
K271847		0.16	3.5	0.057	2.97	26.4	70.2	1.20	697	5.75	0.06	10.9	4.1	800	425	144.0
K271848		0.18	3.3	0.029	2.85	24.3	282	1.21	704	3.05	0.04	10.5	4.2	750	41.2	136.5
K271849		0.19	2.7	0.729	3.02	27.2	111.0	0.97	668	4.25	0.03	9.6	4.7	670	3780	177.0
K271850		0.17	2.9	0.025	2.84	29.1	165.5	1.03	652	1.94	0.05	10.1	14.3	760	20.3	113.5
K271851		0.20	1.1	0.458	3.19	26.2	21.6	0.65	1420	8.50	0.03	8.3	3.3	600	2560	194.0
G006277		0.20	0.5	12.45	2.43	14.7	10.8	0.73	612	43.8	2.76	7.8	12.3	860	10000	66.3
K271853		0.21	1.1	0.235	2.91	29.6	57.5	0.63	1260	10.70	0.03	7.4	4.0	530	1630	166.5
K271854		0.16	2.4	0.021	0.41	28.8	260	1.14	591	2.82	0.01	8.9	10.1	710	21.1	18.3
K271855		0.14	2.2	0.019	0.33	25.0	265	2.29	870	2.95	0.01	7.7	9.1	590	15.7	15.6
K271856		0.16	3.2	0.103	1.83	31.4	121.5	1.15	758	4.80	0.03	8.8	16.2	590	427	90.0
K271857		0.20	1.2	0.242	3.07	26.3	30.1	0.78	1500	5.00	0.03	7.6	3.1	520	1930	180.0
K271859		0.19	1.3	0.088	3.36	22.5	32.7	0.78	1430	1.51	0.47	8.7	2.6	580	590	153.5
K272134		0.18	3.9	0.047	2.72	40.5	180.5	0.70	615	2.51	0.05	11.6	5.3	1110	147.5	118.0
K271303		0.31	<0.1	<0.005	0.03	0.6	1.1	13.05	181	0.14	0.01	0.3	2.3	270	2.0	1.4
K272135		0.18	1.0	0.068	3.39	24.0	42.0	0.83	1140	4.48	0.04	6.7	2.2	580	318	183.5
K272137		0.19	1.1	0.079	3.06	27.4	30.9	0.64	1840	1.12	0.02	7.8	2.5	530	443	169.5
K272138		0.19	1.2	0.214	3.17	26.8	30.7	0.65	1610	1.54	0.04	7.8	2.3	580	1770	174.0
K272139		0.18	1.0	0.063	3.12	20.2	26.5	0.65	1750	2.00	0.68	8.5	2.6	590	127.5	127.0
K272140		0.19	0.9	0.160	3.27	23.9	18.2	0.73	2540	1.33	0.04	8.0	2.3	560	1400	159.0
K272149		0.17	3.3	0.034	3.11	23.2	39.9	0.99	582	1.34	0.04	10.7	4.0	720	27.0	134.0
K272150		0.24	1.2	17.20	1.83	14.5	30.0	0.41	832	10.20	0.03	5.4	2.4	380	>10000	104.0
K272152		0.15	4.4	0.085	1.86	28.4	438	0.86	590	1.00	0.03	12.1	8.0	1370	162.0	65.7
K272153		0.53	0.4	0.139	1.81	5.5	5.2	0.29	223	6.52	0.02	3.8	3.0	850	228	106.5
K272154		0.25	0.7	0.206	2.46	3.1	4.7	0.29	101	2.67	0.04	4.8	1.7	440	139.0	149.5
K272155		0.20	1.0	0.133	3.39	10.6	9.6	0.50	1360	5.51	0.03	6.3	2.1	490	818	208
K272156		0.13	1.0	0.061	3.33	27.4	15.8	0.94	1340	4.04	0.05	6.2	2.2	560	237	190.5
K272157		0.14	0.9	0.075	3.24	26.1	37.0	0.81	1140	4.67	0.04	6.6	2.3	560	330	191.0
G006278		1.00	0.6	6.92	0.40	7.6	8.3	0.84	378	34.8	0.02	1.6	54.4	390	>10000	16.7
K272158		0.16	0.9	0.514	2.88	20.0	13.8	0.68	1820	7.09	0.03	6.5	2.2	500	1700	177.5
K272159		0.14	1.0	0.093	3.07	30.7	18.3	0.82	1690	7.68	0.03	7.2	2.4	550	377	177.0
K272160		0.15	1.0	0.044	2.45	34.1	277	0.77	750	4.58	0.05	7.7	2.1	590	27.8	124.5
K272161		0.15	0.9	0.364	2.91	28.4	19.0	0.87	2170	5.17	0.03	7.2	2.3	540	2070	179.5
K272162		0.14	1.1	0.048	2.79	33.6	22.1	0.82	861	3.00	0.04	8.3	2.3	560	58.4	161.0



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**CERTIFICATE OF ANALYSIS WH12016886**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K271844		<0.002	0.25	13.50	5.6	1	1.9	595	0.73	<0.05	10.0	0.298	1.69	3.4	52	2.5
K271845		<0.002	0.10	14.80	4.8	1	2.1	543	0.77	<0.05	9.2	0.294	1.37	4.2	49	3.9
K271846		<0.002	1.49	23.8	11.0	2	3.0	165.5	0.61	0.06	12.4	0.258	2.67	5.0	72	3.6
K271847		<0.002	0.32	32.1	7.9	1	1.5	562	0.76	<0.05	9.6	0.305	2.89	6.0	75	11.9
K271848		<0.002	0.25	29.7	7.5	1	1.4	401	0.73	<0.05	9.3	0.280	3.04	5.7	69	8.3
K271849		<0.002	2.05	53.4	8.1	2	3.3	435	0.67	0.10	11.1	0.279	3.14	6.5	69	9.9
K271850		<0.002	0.18	10.35	6.5	1	1.7	357	0.69	<0.05	10.9	0.284	2.15	5.5	55	2.3
K271851		<0.002	4.18	72.6	9.8	2	5.0	102.5	0.61	0.56	13.8	0.236	3.06	5.5	66	5.8
G006277		0.019	1.80	164.5	7.1	5	365	734	0.38	0.13	5.3	0.239	3.81	1.2	83	19.6
K271853		<0.002	3.50	126.5	9.2	2	4.1	151.0	0.54	0.38	12.5	0.222	2.54	5.9	60	3.2
K271854		<0.002	0.15	12.10	5.7	1	1.4	686	0.63	<0.05	10.1	0.254	0.55	5.7	48	3.4
K271855		<0.002	0.11	14.75	4.7	1	1.3	387	0.55	<0.05	8.7	0.218	0.38	5.6	41	4.7
K271856		<0.002	0.75	17.30	6.7	1	2.2	489	0.67	0.08	12.2	0.244	1.63	6.1	54	3.0
K271857		<0.002	3.16	36.2	9.4	2	3.4	102.5	0.57	0.54	13.1	0.222	2.85	4.5	61	3.1
K271859		<0.002	1.74	11.50	10.0	2	2.7	161.0	0.64	0.34	12.5	0.250	2.66	4.7	69	3.0
K272134		<0.002	0.27	16.50	6.1	1	1.8	604	0.72	<0.05	10.9	0.327	1.76	5.7	57	2.9
K271303		<0.002	<0.01	0.05	0.2	1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
K272135		<0.002	2.48	7.66	9.8	1	2.6	104.0	0.51	0.43	13.3	0.214	2.93	4.7	66	3.3
K272137		<0.002	3.60	21.8	10.0	1	3.8	86.0	0.60	0.24	14.1	0.231	3.25	4.2	64	5.7
K272138		<0.002	2.89	32.3	9.9	2	3.6	134.5	0.56	0.11	12.6	0.241	3.25	4.7	67	5.2
K272139		<0.002	1.08	9.49	9.5	1	2.1	221	0.61	0.25	10.6	0.251	2.67	4.2	70	4.2
K272140		<0.002	2.37	24.6	9.4	1	2.8	136.0	0.57	0.17	11.8	0.237	3.01	4.1	66	4.6
K272149		<0.002	0.20	26.4	6.8	1	1.3	326	0.74	<0.05	8.9	0.283	3.40	4.8	67	6.8
K272150		<0.002	>10.0	561	5.2	7	10.5	187.5	0.39	0.47	7.0	0.160	1.96	3.3	44	7.5
K272152		<0.002	0.12	19.50	6.1	1	1.5	580	0.74	<0.05	8.0	0.365	1.71	3.4	67	3.7
K272153		<0.002	>10.0	6.02	3.4	2	5.3	15.3	0.23	0.69	7.3	0.105	1.39	2.2	29	3.3
K272154		<0.002	9.38	2.74	7.2	1	7.6	12.3	0.39	0.47	10.2	0.156	1.73	1.8	51	4.9
K272155		<0.002	5.03	8.57	8.9	2	8.3	36.0	0.50	0.60	12.9	0.188	2.67	5.0	51	4.8
K272156		<0.002	1.86	6.25	9.9	1	2.1	127.5	0.50	0.43	12.5	0.200	2.58	4.6	64	2.7
K272157		<0.002	2.40	7.24	9.9	1	2.5	103.0	0.49	0.44	12.7	0.207	2.57	4.4	64	3.0
G006278		0.031	>10.0	254	2.9	229	110.5	41.1	0.10	0.90	1.2	0.041	33.7	4.4	56	1.7
K272158		<0.002	3.70	46.5	8.4	2	4.4	168.5	0.46	0.54	9.9	0.204	2.83	4.3	57	4.3
K272159		<0.002	2.01	17.50	10.0	2	2.4	132.0	0.52	0.26	11.9	0.223	2.91	4.9	63	5.3
K272160		<0.002	0.89	20.4	10.6	1	2.4	199.0	0.57	0.14	13.3	0.245	1.85	3.5	68	4.3
K272161		<0.002	3.02	38.2	9.7	2	4.7	158.5	0.52	0.15	12.1	0.220	3.11	3.9	61	7.6
K272162		<0.002	1.27	13.85	10.8	2	2.2	178.5	0.65	0.12	14.3	0.239	2.55	4.6	63	5.7



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016886**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K271844		9.2	357	147.0				
K271845		8.1	142	127.0				
K271846		15.2	1390	46.7				
K271847		13.6	150	145.0				
K271848		13.2	68	131.0				
K271849		12.1	4400	112.0				
K271850		12.4	62	117.5				
K271851		11.0	2370	35.0				
G006277		10.5	7910	15.8	106		0.996	
K271853		11.3	1830	36.1				
K271854		10.6	69	88.7				
K271855		9.8	59	81.0				
K271856		11.3	516	127.0				
K271857		11.1	1580	36.2				
K271859		13.1	653	37.7				
K272134		11.0	245	173.5				
K271303		0.8	16	<0.5				
K272135		11.3	400	26.0				
K272137		11.0	572	29.7				
K272138		13.0	5080	36.6				
K272139		12.5	216	27.8				
K272140		12.8	1650	27.1				
K272149		12.5	70	132.5				
K272150		7.4	>10000	42.9	291		6.20	6.02
K272152		9.8	242	190.0				
K272153		10.1	210	14.3				
K272154		5.2	114	20.8				
K272155		8.9	972	27.9				
K272156		11.4	214	26.7				
K272157		11.0	390	25.2				
G006278		7.2	>10000	17.4	149	1.210	1.500	9.12
K272158		10.0	2510	27.3				
K272159		11.1	679	26.3				
K272160		13.0	64	27.0				
K272161		11.5	3280	25.3				
K272162		13.3	103	29.8				



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**CERTIFICATE OF ANALYSIS WH12016886**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12016887**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12016887**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
K272164		3.04	6.92	929	390	1.55	0.38	2.14	23.3	47.6	7.1	15	17.95	22.9	3.35
K272165		0.20	6.68	17.8	970	2.01	0.16	2.96	0.10	47.9	5.0	24	35.0	10.4	2.18
K272166		29.2	4.69	>10000	640	1.10	1.37	0.55	82.2	30.5	6.3	14	10.40	117.0	4.52
K272167		0.38	6.65	328	530	1.91	0.15	2.26	2.02	48.9	5.1	31	33.0	14.2	2.08
G006279		>100	1.31	1090	140	0.24	56.8	1.67	483	11.25	27.1	29	0.73	>10000	16.75
K272168		>100	4.54	>10000	420	1.19	6.80	0.59	283	34.4	5.0	15	15.40	502	6.23
K272170		0.42	7.04	154.0	610	1.45	0.27	2.68	1.94	45.3	7.7	15	23.8	12.4	2.75
K272254		0.11	7.29	9.6	2060	1.58	0.15	2.19	0.09	51.3	7.0	11	15.25	6.2	3.03
K272255		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272257		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272300		13.90	6.31	1365	910	1.19	5.86	2.73	151.5	42.7	6.3	7	21.9	89.4	3.70
K272302		4.05	6.88	3960	920	1.55	0.79	2.10	27.9	49.1	6.1	8	21.6	25.3	4.14
K272303		0.91	7.12	51.4	1960	1.47	0.37	2.25	4.03	52.5	5.7	11	15.85	9.9	3.19
K272307		0.57	6.94	21.1	1770	1.57	1.15	2.34	1.55	47.4	7.0	11	12.10	7.0	3.05
K272308		41.3	5.86	1075	970	1.21	14.20	1.76	74.5	39.6	10.2	6	14.65	268	4.44
K272309		0.76	6.86	13.2	810	1.38	0.94	1.73	0.62	53.9	6.8	9	12.20	1.5	3.02
G006280		97.6	7.35	51.0	1130	1.23	1.60	2.28	55.3	31.7	12.5	21	2.51	4430	3.82
K272323		0.10	7.35	7.1	2360	1.35	0.23	2.07	0.15	48.0	8.5	8	15.50	6.1	2.77
K272324		10.60	6.16	>10000	380	1.00	2.47	1.47	40.3	43.8	6.6	7	15.65	119.5	4.44
K272326		0.20	7.32	18.6	1150	2.28	0.20	2.77	0.34	60.3	5.6	15	20.7	8.8	2.40
K272327		0.06	7.33	19.2	970	2.40	0.11	1.90	0.30	61.2	5.4	14	22.2	4.0	2.34
K272328		0.41	7.35	156.0	1720	2.00	0.33	1.35	2.13	64.7	5.7	16	23.5	10.4	2.58
K272329		2.68	6.91	142.5	750	1.08	1.45	2.02	7.38	46.0	10.3	8	21.1	22.9	3.44
K272331		12.20	6.98	94.8	180	0.97	5.51	1.90	5.09	44.0	9.6	9	15.00	220	4.06
K272332		0.08	6.91	29.1	1490	1.82	0.20	2.55	0.16	43.6	6.2	14	17.55	6.4	2.30
K272348		0.61	7.19	71.8	1110	1.69	0.44	1.94	2.31	44.8	7.7	13	22.2	7.1	2.72
K272349		5.04	6.51	4830	180	0.97	1.76	2.07	23.6	44.5	21.6	9	18.55	29.5	5.66
K272351		5.17	7.04	322	830	1.48	1.69	1.90	67.3	49.7	8.8	8	16.75	33.8	3.70
K271376		0.03	0.11	5	20	0.06	0.02	20.3	0.12	1.82	1.1	1	0.34	1.9	0.45
K272363		0.57	7.12	39.4	630	1.11	0.58	2.85	1.85	55.4	15.5	8	9.93	2.1	2.99
K272365		40.7	5.40	>10000	170	1.01	10.15	1.21	123.0	15.55	9.5	8	7.64	596	5.88
K272366		0.35	6.79	37.0	1210	1.48	0.16	2.09	0.43	61.6	4.7	30	14.05	12.8	1.80
K272367		17.25	5.22	>10000	680	1.14	2.33	0.78	53.3	34.3	8.3	10	8.12	187.5	6.35
K272369		0.28	7.08	44.0	2050	1.81	0.26	2.59	0.58	61.7	5.6	19	34.6	8.2	2.42
K272370		0.08	6.90	35.2	1630	2.32	0.19	2.41	0.11	53.9	4.7	23	32.3	8.5	1.98
K272371		31.0	6.01	1790	590	1.17	14.45	0.66	124.5	46.7	7.0	10	10.75	505	6.43





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**CERTIFICATE OF ANALYSIS WH12016887**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5
K272164		0.11	1.2	0.133	3.04	24.1	14.4	0.74	2010	5.12	0.03	7.5	4.0	550	719
K272165		0.13	3.2	0.035	2.51	21.5	173.0	0.85	524	1.64	0.07	8.7	13.9	740	18.6
K272166		0.17	1.1	0.585	1.99	15.3	29.6	0.33	308	25.6	0.03	5.1	5.8	350	4480
K272167		0.12	4.2	0.079	2.50	25.2	27.2	0.85	562	1.03	0.06	8.7	17.8	640	66.8
G006279		1.13	0.6	6.60	0.39	6.5	7.1	0.81	368	37.0	0.02	1.8	56.3	370	>10000
K272168		0.20	1.6	4.95	1.61	17.6	46.9	0.29	410	90.4	0.02	5.2	9.3	340	>10000
K272170		0.13	1.1	0.051	2.92	22.3	15.1	0.89	791	3.67	0.04	8.1	2.4	600	88.6
K272254		0.13	1.4	0.047	2.56	25.8	24.7	0.77	491	1.96	1.64	8.2	2.4	600	17.8
K272255		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272257		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272300		0.17	1.2	2.01	2.71	23.2	38.4	0.97	1460	5.34	0.06	6.8	2.1	450	3580
K272302		0.10	1.4	0.409	2.58	25.7	143.0	0.77	1820	1.91	0.04	6.9	1.9	510	1050
K272303		0.12	1.4	0.061	3.10	26.6	16.3	0.65	1230	0.77	1.35	7.5	1.9	540	230
K272307		0.13	1.3	0.085	2.54	24.7	40.7	0.69	817	0.49	1.55	7.6	2.2	550	82.8
K272308		0.20	1.2	2.40	2.47	21.7	62.2	0.64	1530	47.0	0.05	6.1	2.6	430	9640
K272309		0.13	1.3	0.036	3.21	28.3	23.2	0.91	773	1.23	0.04	4.8	2.0	510	45.3
G006280		0.19	0.6	12.85	2.14	16.4	11.7	0.67	564	38.6	2.45	7.1	12.2	790	8720
K272323		0.13	1.2	0.038	2.80	24.8	59.4	0.61	535	0.96	0.34	8.0	2.7	540	17.9
K272324		0.17	1.2	0.457	2.50	23.9	82.6	0.55	1180	4.68	0.06	6.8	2.4	450	1055
K272326		0.16	3.3	0.026	2.51	30.9	331	0.74	546	1.10	0.03	10.5	5.2	970	22.3
K272327		0.14	3.0	0.030	2.65	30.9	391	0.74	519	1.06	0.03	11.0	4.9	900	23.4
K272328		0.16	3.8	0.054	2.58	32.6	331	0.63	639	2.82	0.02	10.8	5.1	1030	68.6
K272329		0.17	1.4	0.154	2.69	26.0	91.1	0.75	1100	4.34	0.04	7.3	2.8	500	497
K272331		0.18	1.3	0.860	2.76	23.6	52.4	0.74	592	1.71	0.51	6.6	2.6	530	3190
K272332		0.15	2.2	0.026	2.50	21.0	246	0.72	461	1.44	0.11	8.8	4.3	780	16.0
K272348		0.14	1.5	0.076	2.91	21.7	229	0.61	807	1.19	0.09	8.6	2.8	560	101.0
K272349		0.21	1.1	0.159	2.58	24.2	73.8	0.73	1140	8.73	0.03	7.2	3.0	490	670
K272351		0.16	1.0	1.215	2.81	26.7	39.2	0.72	2460	3.60	0.03	7.1	2.6	500	1435
K271376		0.07	<0.1	0.005	0.04	0.9	2.0	13.00	204	0.13	0.01	0.3	3.1	190	4.9
K272363		0.13	1.0	0.084	3.12	30.2	23.1	1.00	1360	6.51	0.04	6.8	2.4	550	76.5
K272365		0.15	0.8	2.81	2.27	4.6	14.1	0.54	1500	20.6	0.02	5.0	3.0	380	8260
K272366		0.13	4.0	0.028	0.94	33.3	210	0.90	531	2.56	0.02	8.5	19.9	540	27.4
K272367		0.15	1.0	0.409	2.17	18.2	23.8	0.39	689	6.59	0.02	4.9	3.1	360	2990
K272369		0.13	2.5	0.039	2.45	32.6	187.0	0.89	718	1.63	0.05	8.5	10.5	670	62.1
K272370		0.13	3.0	0.027	2.16	26.9	334	0.83	493	1.38	0.04	8.8	14.7	670	14.8
K272371		0.18	1.2	2.05	2.64	24.4	15.5	0.42	905	14.85	0.02	6.0	3.7	500	6380



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**CERTIFICATE OF ANALYSIS WH12016887**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K272164		0.002	2.28	19.00	9.2	<1	3.5	136.0	0.60	0.09	12.3	0.235	3.18	4.9	62	4.8
K272165		<0.002	0.02	10.65	5.2	<1	1.5	408	0.69	<0.05	8.9	0.270	1.65	5.3	52	1.8
K272166		<0.002	3.62	104.5	6.7	1	6.8	103.5	0.39	0.20	8.0	0.145	1.92	9.9	41	3.9
K272167		<0.002	0.08	10.20	5.3	<1	1.7	406	0.71	<0.05	10.4	0.256	1.82	5.0	50	1.7
G006279		0.034	>10.0	256	2.8	238	104.5	40.6	0.09	0.80	1.0	0.038	33.6	3.5	54	1.7
K272168		0.002	5.23	312	5.4	2	6.5	144.0	0.42	0.13	7.0	0.150	1.83	25.9	37	3.5
K272170		<0.002	0.73	10.80	9.8	1	1.9	188.0	0.66	0.08	12.4	0.260	2.48	7.4	69	3.7
K272254		<0.002	0.01	3.30	10.5	<1	1.6	282	0.69	<0.05	14.0	0.258	1.19	4.2	72	5.5
K272255		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272257		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272300		<0.002	2.42	28.7	9.1	2	2.8	157.5	0.58	0.13	13.6	0.185	2.63	5.3	52	4.4
K272302		0.002	2.11	35.8	8.8	<1	3.1	135.5	0.64	0.11	14.7	0.222	2.79	5.4	60	6.9
K272303		<0.002	0.56	6.34	9.1	<1	2.1	253	0.68	0.07	15.2	0.229	1.99	5.6	61	1.9
K272307		<0.002	0.69	6.66	9.3	<1	2.1	251	0.63	0.41	13.1	0.241	1.71	4.8	65	1.8
K272308		0.003	3.60	137.5	8.5	2	2.8	100.0	0.51	0.30	11.8	0.174	2.47	7.3	49	3.0
K272309		<0.002	2.40	11.00	9.0	<1	1.4	88.5	0.42	0.38	15.5	0.151	2.60	5.8	56	2.5
G006280		0.020	1.44	143.5	7.5	4	315	658	0.39	0.11	5.0	0.209	3.56	1.1	72	18.0
K272323		<0.002	0.44	12.40	10.7	1	1.6	164.5	0.72	0.05	13.8	0.234	1.68	3.4	62	2.5
K272324		<0.002	2.93	87.8	8.7	1	4.9	127.0	0.51	0.08	12.4	0.191	1.97	5.3	51	4.2
K272326		<0.002	0.05	24.8	5.2	1	1.4	407	0.75	<0.05	9.4	0.286	1.21	3.7	47	1.9
K272327		<0.002	0.07	25.1	5.1	1	1.3	303	0.80	<0.05	9.6	0.285	1.28	4.3	43	3.5
K272328		<0.002	0.17	22.5	5.9	1	1.6	435	0.75	<0.05	9.8	0.303	1.40	4.9	50	3.6
K272329		0.002	1.78	21.6	9.8	1	1.9	138.5	0.55	0.26	12.4	0.207	2.29	5.3	59	3.1
K272331		0.002	2.91	21.9	9.8	1	2.1	231	0.49	0.24	12.2	0.196	1.89	4.3	62	2.4
K272332		<0.002	0.45	12.45	8.7	1	1.5	282	0.70	0.06	9.7	0.273	1.57	4.1	66	1.8
K272348		<0.002	0.64	15.85	10.5	1	2.1	202	0.82	0.14	12.6	0.245	2.06	6.4	65	3.6
K272349		0.002	4.47	31.0	9.9	1	2.1	148.5	0.51	0.42	12.2	0.206	2.67	5.0	58	3.7
K272351		<0.002	1.91	30.0	10.0	2	2.3	149.0	0.57	0.16	12.3	0.216	2.99	5.2	61	5.3
K271376		<0.002	0.01	0.29	0.4	1	<0.2	46.7	<0.05	<0.05	0.2	<0.005	0.02	0.6	2	0.1
K272363		0.002	1.77	6.84	10.1	1	2.5	100.5	0.59	0.14	14.1	0.197	2.88	7.2	63	2.4
K272365		0.005	5.51	137.5	7.3	2	9.2	190.0	0.41	0.21	5.3	0.150	2.45	12.3	47	4.2
K272366		<0.002	0.18	20.5	5.9	1	1.5	820	0.72	<0.05	11.0	0.230	0.92	6.1	43	3.7
K272367		<0.002	5.71	92.4	6.4	2	7.9	71.0	0.44	0.16	8.3	0.143	1.96	5.7	42	4.2
K272369		<0.002	0.53	20.4	6.4	1	1.7	300	0.69	<0.05	10.4	0.239	1.85	6.5	48	2.1
K272370		<0.002	0.09	29.0	6.0	1	1.5	390	0.72	<0.05	10.0	0.254	2.02	7.7	49	1.8
K272371		0.002	6.23	98.9	8.5	2	8.9	56.5	0.48	0.28	10.5	0.193	2.87	5.7	56	7.2



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 Finalized Date: 10-APR-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016887**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K272164		12.1	1660	32.2				
K272165		10.4	58	108.0				
K272166		7.1	5360	32.9				
K272167		10.3	173	151.5				
G006279		7.4	>10000	18.3	173	1.305	1.530	9.52
K272168		8.2	>10000	58.1	124		3.51	1.825
K272170		13.8	158	27.6				
K272254		16.3	41	35.5				
K272255		NSS	NSS	NSS				
K272257		NSS	NSS	NSS				
K272300		13.7	>10000	41.3				1.165
K272302		12.9	1870	36.5				
K272303		15.0	421	36.7				
K272307		13.7	195	36.3				
K272308		11.3	6580	33.6				
K272309		10.6	68	35.8				
G006280		11.4	6950	15.7				
K272323		15.4	45	34.6				
K272324		11.6	3210	40.0				
K272326		9.6	136	120.5				
K272327		9.3	143	104.5				
K272328		10.1	240	144.5				
K272329		12.5	570	43.0				
K272331		11.8	526	40.8				
K272332		11.3	54	75.3				
K272348		13.8	207	36.6				
K272349		13.1	1670	32.0				
K272351		13.1	4470	28.1				
K271376		1.1	18	<0.5				
K272363		13.8	165	26.2				
K272365		9.1	8590	22.1				
K272366		12.3	65	144.5				
K272367		8.6	3590	27.5				
K272369		12.9	89	83.1				
K272370		12.1	60	104.5				
K272371		10.0	8380	39.2				



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**CERTIFICATE OF ANALYSIS WH12016887**

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.



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**CERTIFICATE WH12016888**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12016888**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K272372		1.10	7.20	94.3	1810	1.73	0.63	2.48	2.78	48.3	6.8	11	13.85	7.4	3.37	16.15
K270042		0.32	7.56	48.2	1970	1.56	0.15	2.74	0.56	42.2	6.6	9	21.4	12.8	3.27	17.20
K270043		>100	6.07	4940	2960	1.32	62.2	1.70	119.0	45.8	5.9	9	19.40	958	5.16	13.05
K270045		0.10	5.44	23.8	2460	1.57	0.15	1.24	0.25	44.5	5.3	14	13.75	7.9	2.38	17.65
K270046		0.30	8.05	25.6	1230	1.80	0.27	1.35	0.40	71.9	5.8	15	22.0	13.6	2.64	20.5
K271159		0.01	0.08	<5	20	<0.05	0.04	20.4	0.08	1.08	1.3	<1	0.21	2.5	0.47	0.32
K270047		1.29	7.44	117.5	2930	1.82	0.28	1.77	1.88	56.1	6.6	10	28.3	33.8	2.92	16.65
K270048		0.56	7.77	65.3	1790	1.32	0.32	1.72	0.92	46.7	5.6	9	25.6	18.8	2.96	15.50
K270049		78.0	5.75	1115	1620	1.36	17.75	1.35	41.9	35.2	13.5	9	21.6	857	5.32	11.95
K270051		0.36	6.66	33.0	1710	1.29	0.26	2.01	0.38	31.5	5.6	9	16.45	16.6	2.71	15.20
K270059		0.70	6.83	38.9	750	1.79	0.29	2.65	0.53	46.7	6.5	27	28.3	14.3	2.15	18.35
K270060		53.2	5.84	>10000	1580	1.10	4.77	0.87	43.9	43.2	18.0	9	10.15	69.4	5.65	12.95
G006281		>100	7.57	55.7	1570	1.22	1.78	2.36	59.0	28.1	12.5	22	2.72	4710	3.85	20.8
K270061		1.66	7.57	234	1980	1.19	0.32	1.45	5.83	45.3	6.3	8	14.65	8.9	2.91	16.55
K270062		9.25	6.76	>10000	1560	1.59	0.57	1.81	21.1	51.0	7.3	8	24.8	30.0	5.00	16.25
K270064		0.37	7.13	40.2	1940	1.62	0.37	1.97	0.85	43.9	9.7	8	17.85	7.2	2.97	15.75
K271912		0.29	7.97	51.6	1620	1.57	0.35	2.37	0.32	49.3	8.0	9	22.7	7.7	3.04	17.40
K271913		90.8	6.36	7810	1690	1.33	8.55	1.57	181.0	46.1	5.4	6	18.55	526	4.23	13.80
K271914		2.15	7.18	172.5	1880	1.27	0.39	3.43	10.40	44.5	6.3	6	21.0	17.5	2.89	14.55
K271915		84.4	6.41	>10000	2010	1.24	3.12	2.14	81.6	43.6	4.8	8	14.35	388	5.64	14.40
K271917		1.86	7.27	97.9	1300	1.48	0.51	2.81	4.50	39.3	13.1	9	21.7	37.9	3.65	16.35
K271918		3.97	7.40	228	1210	1.88	1.47	2.16	17.90	46.1	7.2	8	21.6	40.3	3.30	16.60
K271919		5.74	7.09	213	1170	1.81	3.25	2.31	27.1	45.3	8.3	8	24.4	75.2	3.00	16.10
K271920		0.31	6.87	60.9	810	1.69	0.10	2.18	0.26	45.7	5.9	8	24.3	6.4	2.23	16.75
G006282		>100	1.32	1095	250	0.20	59.7	1.65	485	11.70	24.0	29	0.75	>10000	16.10	14.20
K271935		0.53	7.27	27.4	1460	1.70	0.23	2.00	1.32	56.2	5.0	15	20.1	29.1	2.45	18.60
K271936		>100	3.34	6040	650	0.76	166.5	0.99	>1000	24.3	3.5	6	6.34	4080	11.05	8.30
K271938		4.53	7.55	409	1200	1.49	1.45	2.25	98.9	42.0	6.8	11	21.7	58.8	3.44	16.40
K271944		2.08	7.62	59.2	2090	1.56	0.85	2.17	6.16	47.5	6.9	13	19.30	27.9	3.12	16.50
K271945		37.9	4.74	1570	560	1.02	27.6	1.60	41.1	32.7	6.4	11	8.63	1105	6.10	10.65
K271946		0.34	8.13	65.6	1490	1.78	0.20	2.02	0.87	73.9	7.1	23	22.6	14.8	2.91	19.45
K271951		2.11	7.13	441	1200	1.59	0.57	2.14	3.42	41.4	5.7	15	21.5	21.8	3.18	16.75
K271952		14.90	6.52	3640	810	1.09	6.01	1.22	62.7	37.4	8.3	14	11.60	280	7.91	15.45
K271953		0.56	7.35	69.8	1460	1.42	0.95	2.68	0.46	46.0	6.4	17	19.00	7.2	2.99	16.50
K269519		0.45	7.68	33.1	850	1.87	0.25	2.88	0.80	45.9	6.4	9	26.2	9.6	2.69	18.85
K269520		22.1	7.05	1455	790	2.06	2.34	1.57	28.4	47.9	7.5	7	26.7	81.0	4.14	15.10



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**CERTIFICATE OF ANALYSIS WH12016888**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K272372		0.12	1.3	0.070	3.27	24.1	22.7	0.75	934	1.62	1.32	8.6	2.5	570	236	142.0
K270042		0.15	1.4	0.055	3.00	19.1	23.7	0.71	817	1.37	1.04	8.6	2.1	630	34.9	104.0
K270043		0.12	1.1	1.885	2.60	25.1	15.1	0.61	1960	15.45	0.01	6.8	2.4	470	8210	166.0
K270045		0.18	4.0	0.030	2.02	19.9	68.0	0.59	555	1.68	0.04	9.6	4.7	1030	24.6	40.2
K270046		0.15	4.0	0.033	2.42	36.0	65.3	0.76	541	1.29	0.04	11.0	5.4	1100	28.0	88.1
K271159		0.08	<0.1	0.006	0.04	0.5	0.9	12.85	220	0.11	<0.01	0.3	0.4	210	1.7	1.5
K270047		0.10	1.3	0.086	3.08	30.2	35.1	0.71	1310	1.90	0.04	9.1	2.8	610	92.8	145.0
K270048		0.10	1.3	0.057	2.93	24.5	36.9	0.72	1780	1.44	0.07	8.3	2.3	590	38.7	141.5
K270049		0.12	1.0	0.800	2.36	19.1	17.4	0.52	1450	19.10	0.04	5.9	2.4	440	4340	139.5
K270051		0.11	1.0	0.054	2.55	14.7	52.6	0.49	878	1.40	0.10	7.9	2.1	600	25.1	89.1
K270059		0.11	4.2	0.032	2.42	22.9	77.9	0.73	659	1.59	0.06	9.8	17.6	790	64.0	78.5
K270060		0.12	1.0	0.200	2.52	24.3	15.1	0.38	1660	11.95	0.03	5.4	3.7	440	3960	167.5
G006281		0.10	0.6	14.20	2.19	13.7	10.7	0.66	589	40.9	2.56	7.3	11.0	840	9540	62.6
K270061		0.10	1.3	0.067	2.23	23.1	35.6	0.55	908	3.79	0.05	8.5	2.2	600	234	100.5
K270062		0.13	1.1	0.113	2.55	28.1	26.9	0.63	1730	4.75	0.02	7.1	2.6	490	966	153.0
K270064		0.09	1.2	0.042	1.94	22.7	133.5	0.75	975	1.34	0.04	7.4	2.7	580	29.3	87.9
K271912		0.16	1.2	0.064	2.81	25.0	83.9	0.82	852	1.13	0.07	8.4	3.0	600	19.0	118.0
K271913		0.11	1.2	3.02	2.37	24.4	32.9	0.62	1260	5.48	0.02	6.7	2.0	490	>10000	147.0
K271914		0.10	1.1	0.196	2.30	23.5	76.9	1.34	1420	6.94	0.02	7.3	2.3	520	411	114.5
K271915		0.13	1.1	0.597	2.59	22.9	21.1	0.89	1930	1.78	0.02	6.6	2.0	490	7980	165.5
K271917		0.12	1.2	0.080	3.04	18.2	79.3	0.67	1480	1.99	0.07	8.7	2.9	640	266	113.0
K271918		0.09	1.2	0.228	2.73	22.9	76.7	0.69	901	1.35	0.15	8.2	2.2	600	967	123.5
K271919		0.13	1.3	0.433	2.83	22.7	19.6	0.85	778	1.59	0.04	8.1	2.7	590	1135	134.5
K271920		0.11	3.2	0.033	2.71	23.2	31.1	0.78	769	3.15	0.03	9.7	3.6	640	24.1	149.5
G006282		0.92	0.6	6.63	0.38	6.7	5.5	0.77	361	36.0	0.02	1.4	48.0	370	>10000	13.9
K271935		0.10	3.5	0.038	2.36	28.2	151.5	0.73	561	1.68	0.04	10.6	4.4	1000	55.6	74.1
K271936		0.17	0.5	31.9	1.43	13.4	11.6	0.40	1660	13.55	0.01	3.2	1.2	230	>10000	84.2
K271938		0.10	1.1	3.07	2.86	20.8	66.1	0.72	2110	2.23	0.03	8.2	2.2	600	841	123.5
K271944		0.11	1.2	0.169	2.82	23.5	37.9	0.70	714	2.81	1.15	8.7	2.4	610	319	127.0
K271945		0.14	0.9	0.697	2.01	16.9	22.7	0.65	1620	27.6	0.02	4.8	2.4	350	3150	128.0
K271946		0.11	4.6	0.042	2.30	37.8	364	1.00	731	0.98	0.03	11.8	7.3	1400	55.7	100.5
K271951		0.12	1.4	0.112	3.05	20.1	84.1	0.68	1540	4.12	0.04	8.4	2.4	560	167.0	133.5
K271952		0.15	1.0	1.655	2.78	20.1	16.4	0.54	2150	9.21	0.02	6.3	2.3	480	1250	177.0
K271953		0.10	1.1	0.056	2.97	23.1	70.4	0.78	1200	4.38	0.18	8.2	2.3	600	37.6	139.0
K269519		0.11	3.6	0.044	2.53	22.7	39.5	0.95	774	0.79	0.05	10.7	3.9	800	41.2	79.0
K269520		0.13	1.2	0.277	3.23	25.5	14.9	0.72	1880	8.09	0.04	7.5	2.4	510	1785	198.0



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016888**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K272372		<0.002	1.10	5.66	10.3	2	2.2	298	0.72	0.12	13.3	0.241	2.07	4.4	67	2.4
K270042		<0.002	0.08	10.90	9.5	1	1.9	254	0.73	0.13	9.9	0.278	1.61	4.4	73	2.5
K270043		0.002	4.93	309	8.4	3	5.8	123.0	0.56	0.46	11.2	0.203	2.80	6.5	56	7.6
K270045		<0.002	0.07	26.3	4.3	1	1.5	420	0.65	<0.05	6.0	0.306	0.90	3.8	52	2.1
K270046		<0.002	0.04	20.5	5.0	1	2.0	316	0.80	<0.05	9.9	0.320	1.04	3.8	51	2.2
K271159		<0.002	<0.01	0.11	0.3	1	<0.2	42.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	2	0.1
K270047		<0.002	0.56	17.05	10.9	2	4.3	164.5	0.72	0.06	14.3	0.258	2.13	4.0	69	3.2
K270048		<0.002	0.44	14.75	9.9	1	3.3	131.5	0.67	0.08	12.8	0.243	1.84	3.9	66	3.5
K270049		0.002	4.93	251	7.5	1	4.9	90.5	0.45	2.42	8.4	0.184	2.06	17.6	54	4.5
K270051		<0.002	0.18	20.6	9.0	1	2.0	154.0	0.60	0.10	8.2	0.241	1.43	2.3	67	3.1
K270059		<0.002	0.07	12.30	5.7	1	1.8	546	0.75	<0.05	8.4	0.268	1.46	4.2	52	2.2
K270060		<0.002	4.81	91.3	7.7	1	8.4	67.1	0.43	1.47	9.2	0.182	2.42	4.0	55	3.9
G006281		0.020	1.63	158.0	6.7	4	351	701	0.43	0.15	4.5	0.219	3.50	1.0	77	19.7
K270061		<0.002	0.58	21.3	10.2	1	2.9	124.0	0.69	0.11	11.9	0.247	1.59	5.1	70	4.6
K270062		<0.002	3.39	83.0	9.7	1	9.5	133.5	0.60	0.35	11.3	0.207	2.64	8.7	60	5.1
K270064		0.002	0.38	22.6	10.9	1	1.9	198.0	0.63	0.15	11.4	0.231	1.49	3.6	71	3.1
K271912		<0.002	0.55	17.25	10.1	2	1.9	128.5	0.74	0.14	14.2	0.248	2.22	4.0	69	3.7
K271913		<0.002	3.62	232	8.2	2	5.7	145.0	0.57	0.16	11.2	0.197	2.59	5.2	56	4.6
K271914		<0.002	0.74	23.3	9.0	1	2.2	253	0.59	0.07	11.0	0.218	2.49	4.7	61	4.2
K271915		<0.002	3.74	170.0	8.2	1	8.6	134.5	0.54	0.12	10.5	0.198	2.73	4.0	56	6.0
K271917		<0.002	0.73	15.60	10.2	1	2.4	174.5	0.71	0.37	9.7	0.262	2.52	4.5	73	3.8
K271918		<0.002	1.33	20.8	10.5	1	2.6	122.5	0.70	0.22	11.7	0.241	2.35	4.8	66	3.1
K271919		<0.002	1.18	19.45	10.4	1	3.0	144.0	0.66	0.23	10.8	0.239	2.72	4.9	68	5.2
K271920		<0.002	0.24	22.6	7.0	1	1.3	317	0.74	<0.05	8.3	0.254	3.17	5.6	64	6.8
G006282		0.030	>10.0	256	2.2	197	109.5	35.3	0.09	0.72	1.0	0.039	31.7	3.8	56	1.7
K271935		<0.002	0.08	16.55	4.8	1	2.1	414	0.74	<0.05	8.3	0.284	1.12	3.6	48	2.1
K271936		<0.002	>10.0	679	4.0	8	14.7	41.4	0.25	1.43	5.9	0.103	1.43	2.5	30	3.1
K271938		<0.002	2.21	25.6	9.7	1	3.6	102.0	0.65	0.19	10.5	0.245	2.99	4.2	69	5.4
K271944		<0.002	0.68	11.10	10.3	1	2.4	245	0.69	0.09	12.0	0.248	1.79	4.4	70	2.0
K271945		0.002	5.98	183.0	6.0	1	5.1	72.6	0.38	0.33	6.9	0.149	2.09	5.4	43	4.4
K271946		<0.002	0.15	19.70	7.0	1	1.7	1170	0.75	<0.05	9.3	0.356	1.52	4.7	67	3.5
K271951		<0.002	1.78	23.4	9.8	1	2.5	108.5	0.71	0.19	10.8	0.237	2.85	4.9	67	4.1
K271952		<0.002	7.80	123.0	9.2	1	4.8	35.4	0.52	0.71	11.6	0.200	2.97	5.5	66	5.4
K271953		<0.002	1.33	11.80	9.8	1	2.8	142.5	0.63	0.46	11.9	0.239	2.38	4.4	67	2.8
K269519		<0.002	0.06	22.9	7.6	1	1.6	423	0.81	<0.05	8.4	0.293	1.50	4.7	72	2.3
K269520		<0.002	2.34	34.8	9.0	1	4.5	125.0	0.64	0.11	12.0	0.216	2.66	6.7	62	4.7





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**CERTIFICATE OF ANALYSIS WH12016888**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K272372		14.6	228	37.3				
K270042		15.9	80	41.7				
K270043		11.2	>10000	33.1	192			1.080
K270045		7.7	114	169.0				
K270046		9.8	140	159.0				
K271159		0.4	17	<0.5				
K270047		15.8	225	37.7				
K270048		14.4	110	35.4				
K270049		10.9	3750	29.4				
K270051		10.9	71	29.0				
K270059		9.8	85	162.0				
K270060		7.8	3070	26.7				
G006281		9.6	7400	16.1	107			
K270061		12.4	378	35.4				
K270062		13.2	1330	31.5				
K270064		14.4	99	32.8				
K271912		16.0	116	35.8				
K271913		11.5	>10000	37.1			1.940	1.180
K271914		13.1	700	29.7				
K271915		10.5	5350	32.1				
K271917		13.0	362	34.0				
K271918		13.0	1200	31.6				
K271919		13.8	1720	42.1				
K271920		12.1	78	119.0				
G006282		5.9	>10000	16.4	167	1.315	1.565	9.67
K271935		8.4	242	135.5				
K271936		6.1	>10000	15.5	510		7.59	10.30
K271938		11.7	5910	30.0				
K271944		15.0	475	34.1				
K271945		7.0	3570	27.2				
K271946		11.8	152	190.5				
K271951		11.7	278	40.2				
K271952		9.1	4380	28.0				
K271953		13.9	75	30.7				
K269519		12.8	115	132.0				
K269520		11.5	2350	32.8				



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**CERTIFICATE OF ANALYSIS WH12016888**

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.



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**CERTIFICATE WH12016889**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12016889**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K269522		3.04	7.20	226	3210	1.44	0.28	2.73	3.74	50.9	7.5	6	19.95	23.4	2.71	15.35
K269523		0.33	7.90	28.1	2320	1.33	0.17	1.76	0.30	48.6	7.7	9	16.80	12.9	3.06	17.95
K269524		13.95	6.88	1430	1070	1.58	0.38	1.96	20.3	46.8	7.3	6	23.1	38.3	3.60	16.15
K269526		3.54	7.78	752	2280	1.87	0.30	1.71	4.28	67.5	6.8	14	15.10	20.8	2.67	20.8
K269527		5.60	7.86	679	830	2.01	0.37	2.25	7.54	53.4	8.7	8	30.6	26.5	2.93	19.55
K269528		64.7	6.00	9500	1650	1.37	5.91	1.51	51.2	40.1	11.5	7	19.95	244	5.37	15.25
K269529		44.9	6.92	7860	2060	1.45	0.36	2.06	32.0	55.7	8.7	14	18.60	59.6	4.06	18.15
K269530		0.44	7.58	57.6	1530	1.65	0.26	2.26	0.23	47.6	7.1	10	21.5	11.7	2.77	18.00
K269548		1.20	7.36	337	1490	1.47	0.20	2.82	5.61	48.3	5.3	8	22.4	7.4	2.98	17.00
K269549		7.91	6.32	3000	990	1.40	0.21	2.51	46.4	47.8	4.9	5	18.45	23.2	3.79	15.85
K269550		0.18	6.69	91.7	1750	1.31	0.21	3.24	0.25	44.0	7.7	8	16.70	7.7	2.67	16.45
K269650		0.26	7.61	19.3	1810	1.47	0.47	2.33	0.26	52.6	7.6	7	12.45	2.2	2.67	17.25
K269651		83.7	4.13	>10000	490	0.98	12.50	1.93	404	21.1	5.4	6	10.30	638	5.45	10.45
G006283		>100	7.70	54.7	1570	1.52	1.72	2.44	60.8	31.4	13.1	22	2.74	4610	3.92	22.8
K269653		1.61	6.99	205	1840	1.44	0.39	2.80	7.07	48.6	8.1	8	20.3	9.4	3.26	17.95
K269654		0.55	7.02	58.2	1630	1.51	0.36	2.74	1.74	35.9	7.1	7	18.80	5.3	3.16	17.60
K269655		0.47	7.22	16.7	1610	1.47	0.59	2.50	1.90	43.0	9.5	7	19.30	5.4	3.08	16.80
K269656		0.35	7.55	23.8	1160	1.59	0.58	1.95	0.98	44.7	8.8	7	17.35	4.7	3.15	17.95
K269657		28.6	6.00	>10000	1000	1.17	5.47	1.44	95.4	39.2	7.6	7	17.70	359	6.18	14.95
K269658		8.34	4.66	7260	920	1.14	1.73	3.95	52.7	30.1	4.3	7	10.90	90.0	4.01	11.20
K269659		1.67	6.44	161.0	1860	1.26	0.48	3.99	4.25	47.0	5.3	7	17.00	10.0	2.52	13.65
K269660		4.49	6.60	263	2010	1.23	1.02	3.05	21.1	48.3	5.6	8	14.80	27.4	3.33	14.55
K269661		0.54	6.97	94.3	1990	1.34	1.01	2.42	0.50	48.4	7.0	8	16.00	4.4	2.65	15.20
K269662		5.74	7.35	1010	3140	1.49	2.81	3.16	18.55	49.8	6.0	8	20.6	84.2	3.05	15.80
K271204		0.03	0.08	<5	20	0.05	0.03	21.4	0.08	1.62	1.5	<1	0.17	4.4	0.48	0.23
K269674		0.53	7.85	157.5	1440	2.09	0.59	3.24	1.47	49.6	6.9	11	33.7	11.8	2.86	18.60
K269675		6.40	7.27	289	3420	1.58	4.22	1.86	43.9	43.2	10.0	8	22.8	81.2	4.37	17.60
K269676		>100	1.89	>10000	1840	0.39	288	1.36	>1000	8.74	3.4	5	4.97	>10000	17.80	6.69
K269678		0.89	7.12	75.7	2350	2.03	0.44	3.04	4.70	62.5	5.6	15	17.85	15.1	2.57	18.20
G006284		>100	1.42	1145	270	0.23	59.7	1.85	517	12.70	27.2	33	0.78	>10000	18.15	17.50
K269679		2.01	7.67	104.0	1770	1.83	1.28	2.23	6.01	69.7	7.0	23	17.75	44.9	2.86	19.20
K269681		0.13	7.44	47.2	1590	1.76	0.16	2.16	0.32	67.8	6.3	21	21.7	10.7	2.54	18.35
K269682		0.77	7.49	204	1650	1.63	0.42	2.63	1.37	46.8	7.7	8	25.4	13.2	2.75	16.35
K269683		0.87	7.24	128.0	1340	1.55	0.57	2.08	1.45	54.8	6.9	9	22.7	9.8	2.53	16.55
K269684		47.8	6.45	1375	920	1.29	35.7	1.66	97.9	43.8	8.0	9	13.25	759	6.00	14.80
K269686		0.69	7.31	15.9	1570	1.49	1.38	2.24	1.02	54.4	7.1	9	12.25	4.1	3.34	16.95



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**CERTIFICATE OF ANALYSIS WH12016889**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K269522		<0.05	1.3	0.084	3.06	28.1	21.9	0.91	1160	2.39	0.10	7.9	2.7	510	293	148.5
K269523		0.06	1.3	0.052	3.23	24.9	40.3	0.70	1100	1.94	0.20	9.1	2.7	600	23.3	137.5
K269524		0.07	1.2	0.080	3.08	25.0	12.6	0.70	2690	2.90	0.05	8.2	2.5	500	2280	170.0
K269526		0.07	3.4	0.069	1.22	35.8	161.0	0.78	953	2.73	0.06	11.6	5.6	990	217	58.4
K269527		0.07	3.2	0.054	2.65	28.1	66.8	0.88	1550	3.29	0.07	10.8	5.6	720	425	115.0
K269528		0.10	1.3	0.387	2.17	21.0	29.9	0.63	2710	4.40	0.06	7.2	5.1	490	3810	127.0
K269529		0.10	2.7	0.155	1.68	28.3	60.4	0.80	2020	2.70	0.05	10.0	6.5	930	1925	94.5
K269530		0.06	1.3	0.069	3.08	23.7	36.4	0.70	1180	1.97	0.96	8.8	2.6	590	26.3	141.5
K269548		0.06	1.3	0.071	3.21	25.0	33.8	0.84	2880	1.91	0.54	8.8	2.8	570	161.5	142.0
K269549		0.08	1.1	0.071	2.62	26.9	29.7	0.82	6820	1.79	0.04	7.0	2.4	440	1065	146.5
K269550		0.07	1.3	0.055	2.75	22.2	51.3	0.86	866	1.92	0.65	8.8	2.9	530	21.6	102.0
K269650		0.08	1.3	0.073	3.23	27.4	68.9	0.89	866	0.65	0.06	8.3	2.3	540	16.8	155.5
K269651		0.08	0.8	7.71	1.70	9.6	26.6	0.75	1440	40.0	0.03	4.7	2.5	280	>10000	102.5
G006283		0.07	0.5	14.35	2.26	15.7	10.8	0.70	588	40.1	2.56	7.8	13.2	810	9520	72.3
K269653		0.15	1.0	0.145	2.94	26.3	60.5	0.98	1240	0.76	0.05	8.4	2.8	620	441	137.5
K269654		0.06	0.9	0.111	2.13	16.6	138.5	0.68	601	0.71	1.00	9.1	2.6	640	77.6	85.7
K269655		0.07	0.9	0.093	1.98	20.6	102.5	0.82	689	0.52	0.46	8.8	2.5	640	107.5	91.8
K269656		0.06	0.8	0.104	1.94	22.3	196.0	0.69	690	1.77	0.04	9.3	2.9	620	48.4	91.9
K269657		0.18	1.1	1.520	2.49	20.2	46.7	0.67	1290	24.5	0.02	6.7	2.5	440	6690	142.5
K269658		0.15	1.0	0.748	1.89	15.5	39.9	1.63	1260	20.8	0.02	5.2	2.2	300	1865	107.0
K269659		0.16	1.5	0.090	2.62	26.3	32.5	1.60	1200	3.55	0.03	7.5	1.8	420	196.5	139.0
K269660		0.18	1.4	0.397	2.83	27.2	43.0	1.16	1740	2.63	0.03	7.8	2.1	430	1440	152.0
K269661		0.17	1.5	0.068	2.82	26.7	36.7	0.95	818	2.70	0.03	8.3	2.3	480	36.3	136.0
K269662		0.17	1.4	0.166	2.88	27.0	18.1	1.18	944	3.32	0.04	8.4	2.5	500	1165	137.0
K271204		0.06	<0.1	0.005	0.03	0.7	0.9	13.00	212	0.10	0.01	0.2	2.3	190	3.8	1.5
K269674		0.19	3.7	0.066	2.96	25.1	38.6	1.20	794	1.74	0.05	10.5	4.6	770	50.9	128.0
K269675		0.18	1.3	1.505	3.04	21.1	14.4	0.88	1240	3.41	0.04	7.7	3.0	600	1150	192.5
K269676		0.35	0.4	26.7	0.77	3.1	7.5	0.43	2830	4.16	0.01	2.2	1.5	130	>10000	44.4
K269678		0.13	4.1	0.091	1.70	31.6	207	0.78	931	2.74	0.03	10.2	4.9	1160	165.5	63.6
G006284		1.07	0.6	6.95	0.43	7.0	6.3	0.87	388	39.4	0.02	1.8	56.5	390	>10000	15.8
K269679		0.18	4.4	0.131	2.15	35.4	324	0.97	631	0.92	0.04	11.3	7.8	1370	231	86.3
K269681		0.20	4.5	0.038	1.98	34.5	329	0.91	698	2.24	0.04	11.2	6.6	1310	13.5	80.3
K269682		0.17	1.2	0.057	2.69	24.3	112.5	1.03	796	2.94	0.05	7.7	2.7	580	80.2	130.0
K269683		0.18	1.2	0.050	2.81	30.1	84.7	0.79	635	1.14	0.04	8.2	2.4	570	78.3	161.0
K269684		0.20	1.1	2.99	2.80	22.9	29.0	0.68	1060	18.45	0.03	6.6	2.7	460	3590	179.0
K269686		0.19	1.2	0.098	3.46	29.1	34.5	0.98	950	1.57	0.04	6.9	2.3	520	59.0	202



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016889**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K269522		0.002	0.48	22.3	9.4	<1	1.8	232	0.67	<0.05	13.0	0.214	2.07	4.4	60	3.5
K269523		<0.002	0.09	11.05	11.6	1	1.8	148.0	0.75	<0.05	13.6	0.250	2.07	2.9	71	3.4
K269524		<0.002	2.26	37.6	9.6	1	3.7	137.0	0.67	0.11	11.9	0.210	2.99	4.5	58	4.6
K269526		<0.002	0.40	41.6	6.0	1	2.0	341	0.76	<0.05	11.1	0.288	1.03	4.7	52	3.3
K269527		<0.002	0.85	31.0	9.0	1	3.6	283	0.76	0.06	11.0	0.284	2.16	6.4	73	3.6
K269528		<0.002	3.56	140.5	7.9	1	5.9	153.0	0.54	0.80	10.4	0.190	2.41	4.2	55	6.0
K269529		<0.002	1.88	96.5	8.4	1	5.6	241	0.68	0.08	9.4	0.277	1.78	5.0	63	4.9
K269530		<0.002	0.15	10.35	11.0	<1	2.1	249	0.69	<0.05	13.2	0.243	2.36	3.8	69	2.6
K269548		<0.002	0.77	15.85	10.8	1	2.8	220	0.74	<0.05	12.5	0.238	2.76	4.5	68	2.9
K269549		<0.002	2.11	38.6	8.8	1	4.2	141.0	0.56	<0.05	11.4	0.189	2.67	4.4	53	3.8
K269550		<0.002	0.24	9.22	10.2	1	2.5	267	0.70	0.06	10.7	0.225	1.79	3.8	68	1.2
K269650		<0.002	0.88	5.89	10.5	1	1.7	111.5	0.73	0.27	13.7	0.214	2.82	5.6	65	2.0
K269651		0.002	5.53	184.5	5.6	2	5.5	95.7	0.39	0.17	6.3	0.131	2.15	10.5	39	3.9
G006283		0.020	1.65	154.5	8.7	5	359	668	0.42	0.13	6.0	0.231	3.68	1.1	78	20.9
K269653		<0.002	1.45	12.80	12.4	1	2.6	139.5	0.68	0.07	11.8	0.268	3.15	6.4	73	5.9
K269654		<0.002	0.47	15.40	11.3	1	2.1	230	0.62	0.20	9.0	0.264	1.58	3.2	76	2.3
K269655		<0.002	1.30	16.35	11.8	1	2.0	169.5	0.63	0.39	10.6	0.252	1.85	5.1	67	2.9
K269656		<0.002	1.33	25.1	12.2	1	2.6	155.5	0.64	0.41	10.8	0.255	1.88	5.0	73	3.0
K269657		<0.002	4.21	131.5	8.4	2	7.7	57.3	0.47	0.30	8.2	0.208	2.45	4.0	49	6.0
K269658		<0.002	2.56	74.7	5.7	1	6.6	117.5	0.41	0.13	7.9	0.144	1.89	9.5	38	4.9
K269659		<0.002	1.03	11.35	7.8	1	1.7	141.5	0.70	0.19	16.6	0.184	2.45	7.0	47	3.8
K269660		<0.002	1.53	20.0	8.3	1	2.6	108.0	0.72	0.32	16.6	0.192	2.44	6.9	49	3.9
K269661		<0.002	1.24	7.88	9.1	1	2.0	137.0	0.79	0.72	18.4	0.204	2.14	7.5	55	3.0
K269662		<0.002	1.49	42.3	9.7	1	2.5	164.0	0.74	0.21	16.3	0.213	2.25	7.1	56	3.9
K271204		<0.002	0.01	0.13	0.3	2	<0.2	45.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
K269674		<0.002	0.36	21.9	8.0	1	1.7	314	0.75	<0.05	8.5	0.303	2.37	4.6	70	7.2
K269675		<0.002	3.55	21.9	10.2	2	8.5	153.5	0.57	0.27	10.7	0.252	2.87	4.9	67	5.9
K269676		<0.002	>10.0	580	2.3	10	21.4	56.5	0.15	0.63	2.0	0.061	1.17	1.2	16	2.4
K269678		<0.002	0.42	26.0	5.7	1	1.8	812	0.77	0.07	10.0	0.312	1.34	14.2	60	3.4
G006284		0.032	>10.0	275	2.4	227	115.0	44.1	0.10	0.80	1.0	0.044	33.2	3.7	58	1.8
K269679		<0.002	0.14	23.5	6.4	2	1.5	747	0.80	<0.05	9.2	0.357	1.25	4.0	67	3.6
K269681		<0.002	0.09	19.15	6.5	2	1.4	731	0.79	<0.05	9.3	0.342	1.24	4.4	64	4.1
K269682		<0.002	1.36	12.80	10.6	1	2.6	179.5	0.57	0.16	10.5	0.238	2.54	4.9	63	4.6
K269683		<0.002	1.20	9.07	11.2	1	1.9	163.5	0.65	0.31	13.5	0.241	2.66	5.8	64	4.0
K269684		<0.002	5.61	130.0	9.0	2	7.0	114.0	0.52	0.49	11.0	0.200	2.73	5.4	56	5.0
K269686		<0.002	2.34	8.29	10.7	1	2.9	93.7	0.60	0.71	13.0	0.208	2.92	4.9	64	2.2



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016889**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K269522		16.9	281	36.1				
K269523		16.7	61	34.8				
K269524		14.1	1440	32.2				
K269526		11.3	378	138.5				
K269527		15.5	601	126.0				
K269528		11.4	3750	42.1				
K269529		12.6	2190	110.5				
K269530		16.6	60	36.9				
K269548		15.8	424	33.5				
K269549		14.6	3020	30.4				
K269550		15.9	51	34.7				
K269650		14.9	65	37.0				
K269651		8.9	>10000	24.5			1.270	2.84
G006283		12.0	7380	14.9	110			
K269653		16.1	515	27.1				
K269654		14.6	159	29.0				
K269655		15.6	160	26.4				
K269656		16.1	110	24.9				
K269657		11.8	6620	30.5				
K269658		9.5	3680	31.9				
K269659		12.3	333	41.3				
K269660		13.0	1450	40.9				
K269661		13.3	75	42.9				
K269662		15.0	1310	40.2				
K271204		0.9	20	0.6				
K269674		14.0	161	129.0				
K269675		12.2	2940	38.3				
K269676		4.5	>10000	10.5	566	1.135	6.41	11.25
K269678		13.1	360	155.0				
G006284		7.2	>10000	17.8	161	1.260	1.425	9.37
K269679		13.2	440	169.0				
K269681		15.5	77	169.0				
K269682		13.6	116	32.1				
K269683		14.5	124	33.1				
K269684		12.8	7400	29.8				
K269686		13.7	112	29.9				



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**CERTIFICATE OF ANALYSIS WH12016889**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12026540**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026540**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K269687		3.26	6.72	74.1	4750	1.37	4.93	2.58	4.96	47.3	11.4	7	18.30	16.8	6.28	16.95
K269688		0.50	7.64	21.1	1590	1.54	2.24	2.38	0.57	54.0	8.5	9	12.80	3.8	3.94	17.00
K269689		11.50	6.87	366	1260	1.37	2.76	1.54	55.1	48.0	7.1	10	12.30	65.2	4.66	16.55
K269690		7.25	6.88	761	1150	1.38	2.20	1.51	36.6	46.6	6.8	8	14.00	48.7	3.85	15.50
K269691		0.86	7.61	86.4	1440	1.74	0.84	2.07	1.79	47.2	6.9	10	18.45	8.1	2.84	16.65
K271240		0.02	0.11	7	30	<0.05	0.09	21.7	0.20	1.79	1.8	1	0.20	2.8	0.51	0.33
K269692		54.6	5.83	2990	6640	1.30	25.0	1.17	159.0	27.0	7.1	9	12.10	439	6.26	13.85
K269693		2.07	6.92	34.1	1800	1.35	1.43	2.47	6.08	43.6	7.4	8	6.22	10.6	4.23	16.20
K269717		0.24	7.72	44.7	3740	2.10	0.26	1.70	0.52	59.9	6.0	26	23.1	11.8	2.30	20.0
G006285		95.6	7.62	50.2	1540	1.30	1.46	2.38	54.5	32.7	13.1	22	2.47	4430	3.90	21.9
K269718		1.88	7.55	265	1000	1.83	0.18	2.82	5.17	50.0	7.2	12	20.3	15.0	2.84	17.40
K269719		34.7	6.54	7880	810	1.53	1.30	1.85	101.0	50.8	9.3	14	21.5	172.0	4.54	16.40
K269721		9.39	6.36	728	940	1.68	0.39	1.81	22.9	45.9	6.9	12	25.0	58.8	3.09	14.80
K269722		0.35	7.74	52.6	1880	1.63	0.67	2.00	0.52	48.5	8.1	11	14.65	42.2	2.92	16.85
G006286		>100	1.36	1080	240	0.25	56.2	1.75	492	11.75	27.4	32	0.72	>10000	17.15	16.80
K863014		2.10	7.06	47.5	1810	1.50	0.16	2.91	0.49	43.0	6.1	8	22.6	12.1	2.92	16.30
K863015		25.6	6.53	522	1550	1.76	3.41	2.34	45.7	51.0	8.6	7	21.7	178.5	3.61	15.25
K863017		0.67	7.39	150.0	1730	1.45	0.26	2.47	0.87	42.6	5.8	8	16.40	6.8	3.14	16.05
K863049		0.27	6.92	24.7	1640	1.74	0.08	2.74	0.72	52.4	4.7	13	21.6	6.0	2.35	18.50
K863050		59.0	4.64	8650	1850	1.40	21.3	0.57	244	33.4	34.6	8	16.70	677	7.05	11.45
K863052		1.27	7.58	79.1	1800	1.36	1.75	1.86	1.82	47.3	12.2	13	12.10	13.0	3.56	16.90
K863083		3.60	7.09	253	2300	1.48	0.30	2.89	36.6	58.3	8.0	8	18.75	22.2	3.25	15.35
K863084		>100	3.16	>10000	2110	0.85	26.1	0.85	507	19.15	5.4	9	5.51	836	6.87	9.86
K863086		1.99	7.36	226	770	1.50	0.18	2.28	9.74	52.9	6.5	7	20.0	11.9	2.77	18.05
K270254		1.89	7.00	130.0	2460	1.48	0.36	2.52	2.36	50.1	6.8	12	20.1	9.8	2.93	15.00
K270255		93.8	6.45	9230	1550	1.39	1.45	2.50	182.0	46.7	6.3	8	15.75	141.0	4.54	14.10
K270256		2.02	7.01	41.6	2070	1.41	0.70	2.66	10.20	44.1	10.6	9	16.70	12.0	3.26	17.40
K270289		0.35	7.54	52.8	1130	1.78	0.18	2.37	0.43	72.6	6.9	23	20.2	10.2	2.83	18.20
K270290		19.25	6.77	4410	1730	1.29	14.65	2.00	49.0	51.1	7.0	9	22.4	352	4.23	13.95
K270291		0.29	7.34	37.5	610	1.82	0.14	3.12	0.22	56.3	6.9	8	21.2	6.4	2.61	16.45
K270297		0.62	6.69	18.1	3370	1.09	1.32	2.84	1.34	37.9	7.9	12	7.57	4.2	3.80	13.05
K270298		61.9	5.87	1530	1120	0.98	29.9	0.86	20.4	35.6	12.5	9	6.20	5420	10.55	12.35
K270300		2.20	7.55	83.0	1730	1.22	1.68	1.98	11.00	51.9	8.3	11	12.70	31.4	5.38	15.95
K270322		0.67	7.45	42.9	1180	1.94	0.24	2.27	0.78	49.0	5.6	21	28.0	10.0	2.15	19.45
K270323		8.38	7.16	437	900	1.43	3.00	1.18	30.9	53.5	8.0	14	16.95	89.6	5.45	16.10
K270324		1.25	7.11	75.2	980	1.44	0.70	1.99	6.73	56.2	6.4	12	13.40	7.4	3.86	14.35



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Finalized Date: 6-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026540**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K269687		0.21	1.0	0.165	2.79	25.4	32.8	0.97	948	13.60	0.04	5.2	3.0	480	778	175.0
K269688		0.19	1.1	0.077	3.48	29.1	23.1	0.98	920	1.73	0.05	7.7	2.6	590	40.9	203
K269689		0.20	1.1	0.341	3.18	25.2	15.1	0.71	1750	2.15	0.03	6.0	2.6	510	4820	211
K269690		0.18	1.1	0.595	3.02	24.4	29.1	0.62	1860	3.45	0.03	5.9	2.5	500	1870	180.0
K269691		0.16	1.2	0.044	2.50	23.9	177.5	0.70	789	2.85	0.03	7.4	2.5	570	107.5	119.5
K271240		0.05	<0.1	0.013	0.04	0.8	1.5	13.10	236	0.10	0.01	0.2	1.7	230	6.0	1.8
K269692		0.19	1.1	4.03	2.37	11.0	71.4	0.52	812	8.03	0.03	5.2	3.5	390	8390	143.0
K269693		0.18	1.1	0.183	3.29	22.2	13.7	1.40	919	2.69	0.04	4.5	2.4	510	319	200
K269717		0.16	3.3	0.036	1.83	31.0	540	0.85	522	0.96	0.03	9.7	17.2	700	28.5	99.4
G006285		0.18	0.6	12.80	2.18	16.9	11.9	0.68	562	41.1	2.51	7.4	12.3	810	9180	70.6
K269718		0.17	1.4	0.099	1.93	26.1	387	1.02	1080	2.23	0.03	8.5	4.6	570	286	91.3
K269719		0.18	1.8	1.015	2.57	27.2	48.6	0.73	833	54.5	0.03	7.7	6.9	520	3380	154.0
K269721		0.15	1.3	0.201	2.47	25.2	60.0	0.65	1220	13.40	0.03	7.0	4.7	460	1310	138.0
K269722		0.18	1.4	0.051	2.79	24.5	160.0	0.67	625	1.92	0.52	8.7	2.4	570	36.6	116.0
G006286		1.06	0.6	6.47	0.41	6.4	6.4	0.83	369	37.5	0.02	1.7	55.5	380	>10000	15.0
K863014		0.17	1.5	0.071	3.52	21.1	17.5	0.81	1080	1.30	0.54	8.1	2.2	570	131.0	158.5
K863015		0.18	1.9	0.558	2.71	27.5	25.5	0.81	1220	2.29	0.03	7.9	3.2	530	3150	183.0
K863017		0.17	1.2	0.092	3.29	22.5	25.7	0.85	1240	1.57	0.07	7.8	2.5	550	42.1	181.5
K863049		0.09	2.9	0.028	2.50	25.1	60.9	0.65	504	0.67	0.12	9.4	4.2	910	39.3	72.8
K863050		0.10	1.3	3.24	1.62	16.4	31.8	0.31	1180	9.60	0.04	5.2	3.9	360	5030	108.5
K863052		0.09	0.9	0.096	3.03	23.6	23.6	0.68	941	2.24	0.09	8.0	3.3	590	82.1	139.0
K863083		0.11	1.1	0.192	2.92	32.3	22.9	0.90	2760	1.99	0.03	7.5	2.1	520	803	192.5
K863084		0.08	0.5	6.94	1.39	7.3	20.1	0.32	2750	108.0	0.02	3.1	2.6	210	>10000	106.5
K863086		0.13	1.1	0.072	3.17	27.4	44.3	0.70	1770	4.50	0.03	8.0	2.4	520	423	179.5
K270254		0.09	1.2	0.071	2.60	24.6	59.0	0.69	550	1.43	1.66	7.6	2.4	530	324	110.5
K270255		0.09	1.0	0.949	2.84	24.5	32.3	0.91	1620	1.31	0.20	6.2	2.0	460	>10000	151.5
K270256		0.15	1.5	0.118	3.10	20.4	40.5	0.77	819	1.14	0.89	8.6	2.4	560	338	138.0
K270289		0.12	4.0	0.042	2.31	35.6	355	1.03	611	1.95	0.05	11.0	7.3	1290	52.8	86.0
K270290		0.09	1.3	1.170	2.53	26.8	63.6	0.78	1040	10.00	0.06	6.6	2.7	520	3690	145.0
K270291		0.11	3.4	0.031	2.68	27.4	141.0	1.07	628	1.15	0.05	9.7	4.1	720	24.3	137.0
K270297		0.10	0.9	0.067	2.92	18.2	30.5	0.83	689	3.56	0.31	3.5	2.4	490	68.3	141.5
K270298		0.11	0.9	3.30	2.73	17.1	8.4	0.43	848	2.02	0.03	3.7	2.2	400	1080	168.0
K270300		0.11	1.1	0.173	3.32	26.2	41.0	0.80	1380	1.93	0.12	6.2	2.9	590	400	187.0
K270322		0.10	2.3	0.044	2.66	22.8	169.5	0.70	583	1.83	0.06	9.3	10.8	780	202	89.5
K270323		0.12	1.3	0.430	3.12	27.6	20.0	0.56	1280	5.28	0.04	7.4	5.2	560	2250	188.5
K270324		0.11	0.9	0.089	2.82	30.3	140.0	0.78	1520	9.12	0.04	6.9	2.2	510	257	188.0



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026540**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K269687		<0.002	5.74	22.3	9.9	2	2.9	107.0	0.43	1.89	11.1	0.159	2.31	8.5	71	2.9
K269688		<0.002	3.00	5.72	11.0	2	4.0	80.9	0.59	1.11	12.9	0.240	2.76	5.8	66	2.0
K269689		<0.002	4.01	22.2	10.2	1	4.1	74.8	0.48	0.94	11.8	0.188	3.14	4.2	59	6.0
K269690		<0.002	3.37	31.5	9.8	1	3.2	93.5	0.46	0.62	11.5	0.194	2.95	5.5	57	5.6
K269691		<0.002	1.60	22.0	10.7	1	1.8	167.0	0.58	0.30	11.7	0.234	2.22	5.5	67	3.0
K271240		<0.002	0.02	0.16	0.4	1	<0.2	50.1	<0.05	0.06	<0.2	<0.005	0.02	0.6	3	0.1
K269692		<0.002	6.76	94.2	8.0	2	6.6	162.5	0.41	0.67	7.7	0.166	2.10	11.2	50	4.4
K269693		<0.002	4.01	7.21	10.1	2	2.6	87.5	0.38	0.41	11.7	0.151	2.51	5.0	58	3.2
K269717		<0.002	0.17	23.8	6.7	1	1.8	801	0.71	<0.05	10.7	0.270	1.59	4.5	51	4.9
G006285		0.023	1.62	152.0	7.7	4	399	677	0.41	0.13	5.1	0.227	3.49	1.1	75	20.3
K269718		<0.002	0.46	24.7	11.1	1	1.8	321	0.66	0.06	12.6	0.247	1.60	3.3	65	3.1
K269719		<0.002	3.27	124.5	9.2	2	6.3	211	0.59	0.12	12.0	0.215	2.20	10.2	55	3.7
K269721		<0.002	1.94	54.9	9.0	1	2.8	195.0	0.56	0.15	12.1	0.209	2.24	6.4	55	3.9
K269722		<0.002	0.53	19.10	11.0	1	1.7	231	0.71	0.43	13.5	0.247	1.50	3.8	64	2.8
G006286		0.032	>10.0	261	2.5	218	108.0	41.1	0.09	0.77	1.0	0.042	31.3	3.5	55	1.8
K863014		<0.002	0.33	9.18	10.5	1	1.8	182.0	0.64	0.05	10.6	0.240	2.71	4.5	64	3.0
K863015		<0.002	2.28	48.7	8.7	1	2.7	240	0.59	0.45	10.2	0.223	2.81	4.3	56	3.7
K863017		<0.002	0.46	12.70	10.6	1	1.7	114.5	0.59	0.07	12.3	0.236	2.53	3.6	64	2.6
K863049		<0.002	0.06	9.18	4.1	2	1.4	491	0.62	<0.05	8.0	0.286	1.02	2.7	45	1.3
K863050		<0.002	7.38	119.0	5.9	3	5.4	131.5	0.40	1.05	7.9	0.160	1.48	6.2	44	4.0
K863052		<0.002	1.47	13.55	10.5	2	2.5	106.5	0.58	0.39	12.3	0.264	1.99	4.0	74	2.5
K863083		<0.002	1.43	17.80	9.9	2	2.7	151.5	0.59	0.07	15.2	0.226	3.01	6.4	62	4.4
K863084		0.007	8.69	643	4.6	3	14.0	60.2	0.26	0.09	5.2	0.096	1.65	101.0	30	3.2
K863086		<0.002	1.08	20.6	11.0	1	2.4	151.0	0.67	<0.05	13.9	0.237	3.10	9.2	69	5.2
K270254		<0.002	0.32	6.40	9.5	2	1.6	329	0.60	0.07	13.7	0.236	1.26	4.0	62	1.8
K270255		<0.002	3.30	135.5	8.2	2	4.9	110.5	0.46	0.05	11.5	0.203	2.18	3.8	55	4.2
K270256		<0.002	0.89	8.05	10.0	1	2.5	230	0.76	0.31	12.0	0.241	1.98	4.4	68	2.4
K270289		<0.002	0.10	19.25	6.3	3	1.6	410	0.67	<0.05	9.1	0.346	1.55	3.5	65	2.2
K270290		0.005	2.60	79.3	8.5	2	3.0	159.0	0.51	0.11	13.4	0.211	2.26	4.8	59	3.7
K270291		<0.002	0.18	17.45	7.7	3	1.3	300	0.73	<0.05	9.7	0.284	2.26	5.7	67	6.6
K270297		0.005	3.19	2.62	8.3	2	2.8	357	0.27	0.12	10.0	0.134	1.97	3.5	60	2.4
K270298		<0.002	>10.0	40.0	7.3	2	9.8	57.9	0.31	0.68	10.1	0.129	2.28	3.0	49	6.8
K270300		<0.002	3.23	9.59	10.1	2	4.0	148.0	0.49	0.10	13.1	0.210	2.72	5.3	68	4.1
K270322		<0.002	0.20	15.65	5.4	2	1.8	473	0.62	<0.05	8.6	0.295	2.00	4.4	54	1.9
K270323		<0.002	4.24	34.8	8.7	2	4.9	116.0	0.55	0.19	14.4	0.231	3.06	5.6	60	4.8
K270324		0.003	1.82	15.95	9.9	3	2.7	127.5	0.54	0.14	14.0	0.215	2.45	4.8	61	2.9



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026540**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K269687		14.0	500	25.6				
K269688		15.1	85	27.6				
K269689		10.8	3610	30.4				
K269690		10.7	2570	31.7				
K269691		12.5	159	32.6				
K271240		1.0	28	0.5				
K269692		9.2	>10000	31.5				1.500
K269693		10.1	458	28.1				
K269717		13.0	98	115.5				
G006285		11.2	7120	15.5				
K269718		15.4	396	40.3				
K269719		12.2	6700	55.9				
K269721		12.1	1750	39.2				
K269722		15.0	72	38.7				
G006286		6.8	>10000	16.9	162	1.265	1.440	9.53
K863014		14.0	103	39.6				
K863015		13.3	3310	63.1				
K863017		14.4	105	33.1				
K863049		7.9	172	110.5				
K863050		9.5	>10000	44.9				2.72
K863052		14.7	186	27.6				
K863083		17.1	2190	31.2				
K863084		7.2	>10000	14.3	634		12.15	3.38
K863086		15.6	619	29.7				
K270254		15.5	197	34.9				
K270255		13.0	>10000	29.6			3.85	1.305
K270256		15.3	907	40.7				
K270289		12.0	87	170.0				
K270290		13.0	3270	42.4				
K270291		14.5	65	122.0				
K270297		9.8	123	27.3				
K270298		9.4	1370	24.2				
K270300		13.7	840	33.7				
K270322		11.2	101	83.9				
K270323		11.2	2070	39.5				
K270324		13.2	539	26.4				



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**CERTIFICATE OF ANALYSIS WH12026540**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026541**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: ROCKHAVEN RESOURCES LTD.  
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1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

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Plus Appendix Pages  
Finalized Date: 8-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026541**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K270336		0.38	7.27	18.9	1410	1.35	0.58	3.01	0.62	52.9	9.4	13	13.45	6.0	2.88	16.55
K270337		15.50	5.55	1615	2310	1.02	1.53	2.31	22.8	63.1	2.4	15	9.57	35.8	4.93	13.15
K270339		0.30	6.94	16.5	1070	1.34	0.64	3.25	0.71	33.8	10.9	12	8.85	3.2	3.08	14.55
K269782		0.68	6.80	20.6	2350	1.37	0.11	2.76	0.91	39.7	7.8	17	21.5	12.9	2.84	17.30
K269783		92.3	6.32	1400	220	1.33	27.0	1.89	9.08	42.8	9.0	16	15.85	2130	4.91	15.85
K269785		0.36	7.19	30.6	1850	1.36	0.12	2.46	0.34	44.2	7.5	18	16.50	14.0	2.83	17.30
K271271		0.03	0.07	<5	30	<0.05	0.02	21.3	0.09	1.26	1.3	1	0.19	2.1	0.47	0.42
K269813		1.71	7.87	71.5	2360	1.17	1.64	1.45	1.10	54.7	8.8	13	15.60	129.5	3.32	18.45
K269814		17.60	6.32	8980	170	1.08	10.45	0.79	76.1	39.8	8.9	15	10.70	248	6.28	15.70
K269815		1.71	7.05	94.1	1890	1.40	0.79	2.20	2.74	42.9	7.7	14	14.20	36.9	3.83	17.80
K269816		0.43	7.17	51.9	2150	1.50	0.35	2.73	0.64	42.4	7.8	14	12.90	14.3	3.15	17.65
K269818		0.25	7.93	16.0	2050	1.14	0.21	1.29	0.25	53.6	7.4	15	12.00	19.1	3.04	17.55
K269819		1.59	8.01	57.6	2160	1.37	1.16	1.22	6.23	56.1	6.7	11	17.85	22.0	2.88	18.50
K269820		12.35	6.28	6390	740	1.45	3.00	0.90	50.3	45.2	10.2	8	19.10	46.3	5.17	15.40
G006287		>100	1.41	1170	150	0.21	56.9	1.81	518	13.25	29.3	31	0.77	>10000	17.45	17.85
K269821		0.35	7.15	31.7	1570	1.69	0.27	1.23	0.98	74.0	6.4	16	21.4	24.4	2.35	19.90
K863103		0.40	7.14	10.1	1960	1.49	0.34	2.33	0.28	44.2	6.8	10	11.70	107.0	2.81	16.80
K863105		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K863106		0.21	6.32	33.2	2730	1.71	0.53	1.69	0.14	48.8	9.7	6	22.9	57.6	3.06	15.45
K863144		3.40	6.88	367	590	1.47	0.26	1.65	16.25	49.3	12.2	12	19.70	15.7	3.18	15.80
K863145		18.95	5.51	2670	220	1.12	2.26	1.77	79.1	31.1	122.0	9	12.45	188.0	7.07	15.00
K863147		0.76	6.65	81.5	1900	1.46	0.41	2.61	0.92	35.4	10.4	15	18.95	20.8	3.13	16.70
K973006		0.32	7.27	45.4	2440	1.50	0.31	2.14	0.29	46.5	5.0	16	12.25	7.0	3.21	17.70
K973007		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K973009		0.42	7.20	16.5	2330	1.52	0.23	2.44	0.13	43.8	5.0	15	14.50	4.6	2.92	16.55
K973010		2.19	7.03	87.8	1970	1.50	0.26	2.23	4.65	46.6	6.1	13	13.95	13.3	3.04	16.15
K973011		0.89	7.44	168.5	1470	1.92	0.26	1.29	1.54	63.4	4.7	30	33.2	16.4	1.95	20.3
G006288		>100	8.19	53.7	1670	1.38	1.94	2.48	61.4	37.1	13.1	20	2.68	4790	4.02	22.0
K973012		1.28	7.33	360	2870	1.63	0.26	2.15	1.14	47.9	4.1	12	20.8	29.4	3.26	17.60
K973013		32.4	6.39	7820	1000	1.36	0.46	1.45	37.2	38.8	4.9	13	13.20	47.4	5.33	17.60
K973014		0.25	7.31	24.4	1510	1.61	0.33	1.95	0.14	43.2	4.4	12	15.80	4.7	3.08	16.90
K973028		10.85	6.90	601	1690	1.56	0.35	2.41	10.50	40.6	4.2	8	18.30	25.3	3.15	16.05
K973029		>100	6.77	3620	1260	1.37	3.40	2.31	61.6	44.6	4.6	7	14.80	278	4.79	17.90
K973030		5.42	7.58	789	1360	1.76	0.68	1.94	21.1	46.9	6.4	11	17.25	124.0	3.53	18.30
K973031		34.1	6.47	4120	1030	1.35	0.50	1.32	91.3	44.7	4.8	6	16.60	118.5	3.99	17.40
K973032		0.13	0.10	9	20	0.09	0.05	21.2	0.30	1.19	2.0	<1	0.40	2.3	0.48	0.49





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Finalized Date: 8-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026541**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K270336		0.22	1.1	0.049	3.13	28.6	66.2	0.90	975	1.71	0.09	8.0	2.6	590	33.6	192.0
K270337		0.21	0.7	0.221	2.59	36.7	18.8	0.78	3220	3.10	0.03	5.6	2.0	430	2910	173.0
K270339		0.21	1.0	0.087	3.08	15.9	10.9	0.85	1070	1.96	0.17	6.7	2.3	570	29.3	181.5
K269782		0.21	1.3	0.045	2.76	18.4	11.7	0.61	674	2.43	1.97	8.6	3.0	570	60.8	105.0
K269783		0.21	1.2	0.735	3.07	21.4	11.9	0.61	2970	3.84	0.08	7.6	3.1	490	952	162.0
K269785		0.23	1.5	0.048	2.80	21.3	20.4	0.67	858	2.06	1.48	8.6	2.7	570	30.7	113.5
K271271		0.26	<0.1	<0.005	0.03	0.6	0.9	12.85	214	0.05	0.01	0.3	1.4	150	3.2	1.7
K269813		0.27	1.3	0.147	3.09	28.6	29.8	0.56	1040	2.75	0.20	9.1	2.5	630	38.4	142.0
K269814		0.24	1.0	0.823	2.96	19.9	6.9	0.36	1880	9.11	0.03	6.9	2.5	490	2220	162.5
K269815		0.20	1.3	0.101	3.30	21.0	17.3	0.60	1760	2.09	0.57	8.6	2.8	580	186.5	137.0
K269816		0.22	1.3	0.104	2.75	20.2	9.7	0.76	640	2.41	2.19	9.2	2.6	610	58.5	103.5
K269818		0.23	1.4	0.052	2.87	27.9	37.1	0.68	483	1.74	0.33	9.3	2.5	640	24.8	123.0
K269819		0.24	1.5	0.060	3.18	29.9	42.3	0.52	1290	2.78	0.15	9.3	2.3	640	161.5	147.5
K269820		0.23	1.3	0.190	2.80	23.9	31.5	0.45	2610	3.12	0.06	7.1	3.2	490	1225	155.0
G006287		1.07	0.6	7.41	0.43	7.5	6.0	0.86	396	39.2	0.02	2.0	57.1	400	>10000	16.0
K269821		0.16	4.5	0.039	1.92	40.2	97.0	0.69	686	1.13	0.04	10.8	5.2	1060	43.7	84.0
K863103		0.21	1.3	0.072	2.87	22.5	9.7	0.69	495	2.31	2.25	8.4	2.4	550	23.9	115.0
K863105		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K863106		0.21	0.9	0.095	2.16	26.6	70.9	0.66	667	0.37	0.06	6.0	2.3	420	16.0	127.5
K863144		0.24	1.2	0.119	3.33	27.3	18.9	0.59	2550	4.44	0.04	7.7	2.9	520	525	181.0
K863145		0.23	0.9	0.224	2.54	16.1	12.9	0.57	7800	2.80	0.03	5.8	3.4	440	2240	139.5
K863147		0.20	1.2	0.159	3.43	17.1	63.0	0.65	1720	2.34	0.55	7.9	3.3	580	56.1	142.0
K973006		0.25	1.2	0.087	3.20	22.5	23.5	0.73	937	2.14	1.25	8.8	2.3	590	27.9	124.0
K973007		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K973009		0.26	1.2	0.064	2.89	22.2	13.7	0.71	734	1.75	2.06	8.1	2.5	560	15.5	114.0
K973010		0.26	1.2	0.093	3.24	24.0	25.1	0.70	1520	1.84	1.16	7.8	3.2	540	154.5	145.0
K973011		0.23	3.7	0.058	2.92	33.4	75.2	0.59	1080	1.72	0.06	9.8	12.6	690	99.3	133.0
G006288		0.17	0.6	15.20	2.32	17.3	10.9	0.71	608	41.0	2.64	7.6	12.9	860	9720	78.9
K973012		0.23	1.0	0.116	3.25	25.3	46.7	0.74	2240	4.55	0.06	9.2	2.6	600	46.1	138.5
K973013		0.24	0.9	0.163	2.87	21.0	16.9	0.54	6610	9.13	0.03	7.4	2.4	490	1970	161.0
K973014		0.25	1.0	0.123	3.07	22.3	37.6	0.65	979	1.63	1.30	8.6	2.2	560	13.3	126.5
K973028		0.23	1.0	0.116	3.48	20.3	124.0	0.79	2190	1.11	0.34	8.3	2.4	520	1570	133.0
K973029		0.25	0.9	0.217	2.65	23.8	225	0.82	4820	1.48	0.03	7.6	2.4	510	4740	158.0
K973030		0.24	1.2	0.151	3.39	23.9	308	0.74	1780	1.20	0.10	8.9	2.7	600	688	142.5
K973031		0.23	0.9	0.258	2.71	24.3	84.6	0.59	3670	25.5	0.02	7.0	2.2	470	4370	170.5
K973032		0.36	<0.1	0.005	0.04	0.6	2.3	12.85	213	0.14	<0.01	0.6	4.7	170	12.8	2.5



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026541**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K270336		0.006	1.48	8.55	11.8	2	3.0	166.5	0.64	0.24	14.0	0.234	2.51	4.4	71	2.0
K270337		0.002	4.33	48.9	8.8	1	5.2	111.5	0.44	0.15	9.8	0.169	2.53	4.2	52	3.5
K270339		0.002	1.88	3.48	10.2	2	2.7	129.0	0.49	0.21	12.2	0.200	2.76	3.8	68	1.3
K269782		<0.002	0.08	3.07	10.2	1	1.9	343	0.68	<0.05	11.2	0.246	1.33	3.6	69	2.2
K269783		<0.002	4.15	222	9.7	1	3.6	80.1	0.61	0.15	11.9	0.209	2.77	6.1	60	7.0
K269785		<0.002	0.14	6.15	10.7	1	1.9	275	0.71	<0.05	12.9	0.247	1.50	4.2	69	2.6
K271271		<0.002	0.01	0.12	0.3	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
K269813		<0.002	0.42	23.6	12.5	1	2.5	116.0	0.72	0.32	15.7	0.264	1.63	3.2	75	12.0
K269814		<0.002	6.40	70.5	9.3	2	6.3	28.9	0.55	0.20	11.3	0.200	2.66	5.3	59	7.4
K269815		<0.002	0.92	10.45	10.9	1	3.4	169.0	0.66	0.09	11.9	0.244	2.15	4.0	70	12.0
K269816		0.002	0.14	2.94	11.9	1	2.3	368	0.71	0.05	11.8	0.266	1.27	3.5	78	3.5
K269818		<0.002	0.06	9.07	12.1	1	2.6	127.0	0.75	<0.05	15.5	0.267	1.32	4.0	72	4.7
K269819		0.002	0.36	19.15	12.7	1	2.9	117.5	0.77	0.07	17.0	0.266	1.86	9.9	74	6.5
K269820		<0.002	3.58	74.5	9.5	2	5.7	94.9	0.58	0.97	11.3	0.200	2.27	6.0	58	7.3
G006287		0.035	>10.0	266	2.8	236	111.5	41.7	0.10	0.86	1.2	0.042	34.2	4.3	59	1.8
K269821		<0.002	0.11	31.5	5.9	2	1.8	344	0.73	<0.05	11.7	0.305	0.94	4.9	52	2.6
K863103		<0.002	0.04	4.03	10.4	1	2.3	324	0.70	<0.05	12.8	0.236	1.37	3.7	67	2.8
K863105		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K863106		<0.002	0.28	19.60	9.9	1	3.1	126.5	0.49	0.05	12.2	0.176	2.62	20.5	64	2.2
K863144		0.002	1.76	21.3	10.8	1	3.4	123.0	0.61	0.05	13.4	0.218	2.76	7.0	63	3.0
K863145		<0.002	7.20	68.6	8.8	2	6.8	76.9	0.46	0.93	8.2	0.176	2.36	3.8	62	5.7
K863147		<0.002	0.64	9.51	10.0	1	2.9	248	0.61	0.07	10.3	0.235	2.63	3.7	65	3.2
K973006		<0.002	0.18	6.23	11.7	1	2.6	211	0.70	<0.05	12.9	0.250	1.63	3.4	71	2.0
K973007		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K973009		<0.002	0.03	3.45	11.1	1	2.3	357	0.63	<0.05	12.4	0.238	1.36	3.7	66	1.5
K973010		<0.002	0.41	8.76	10.7	1	2.3	244	0.60	0.05	12.2	0.225	1.86	3.6	62	1.8
K973011		0.002	0.42	18.90	8.4	1	2.5	465	0.80	<0.05	13.7	0.265	2.78	5.1	57	2.3
G006288		0.021	1.71	155.0	7.2	6	334	736	0.49	0.17	6.1	0.236	3.77	1.3	78	20.9
K973012		0.003	0.82	30.8	11.8	2	3.6	172.0	0.63	<0.05	12.0	0.250	3.11	24.6	72	5.1
K973013		0.002	4.05	88.4	10.2	2	5.8	76.1	0.54	0.07	10.2	0.216	2.63	6.1	60	3.7
K973014		<0.002	0.23	7.38	10.6	2	2.4	228	0.63	0.05	10.8	0.239	2.43	3.3	65	2.0
K973028		<0.002	0.65	33.2	9.6	2	2.7	187.0	0.61	0.08	9.8	0.225	2.59	3.6	62	2.3
K973029		0.002	3.25	270	10.3	2	6.4	165.0	0.54	0.08	10.8	0.221	2.46	3.8	61	3.5
K973030		<0.002	1.14	58.0	11.3	2	4.6	245	0.62	0.06	10.9	0.249	2.49	3.8	68	6.3
K973031		<0.002	3.00	136.5	9.7	2	7.6	116.0	0.51	0.05	10.9	0.208	2.70	5.7	57	6.0
K973032		0.002	0.02	0.61	0.4	1	<0.2	43.0	<0.05	0.05	<0.2	<0.005	0.03	0.5	3	0.1



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Project: Klaza

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Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K270336		14.4	90	28.2				
K270337		11.2	1640	18.6				
K270339		12.0	73	26.9				
K269782		14.6	97	35.8				
K269783		12.7	899	32.6				
K269785		15.9	65	39.2				
K271271		0.8	19	<0.5				
K269813		17.5	112	34.0				
K269814		10.2	8760	25.0				
K269815		14.8	344	34.3				
K269816		16.5	111	33.9				
K269818		17.5	59	38.0				
K269819		18.0	720	38.8				
K269820		13.0	3360	36.1				
G006287		7.2	>10000	19.2	173	1.285	1.540	9.35
K269821		12.5	269	170.5				
K863103		15.4	87	35.1				
K863105		NSS	NSS	NSS				
K863106		16.5	82	26.3				
K863144		14.1	1380	32.0				
K863145		10.1	5500	24.2				
K863147		12.6	140	35.6				
K973006		15.0	78	32.9				
K973007		NSS	NSS	NSS				
K973009		15.1	59	32.1				
K973010		13.5	326	34.0				
K973011		12.9	158	132.0				
G006288		12.8	7570	17.9	103			
K973012		15.6	148	29.8				
K973013		11.2	2740	23.8				
K973014		14.2	59	27.1				
K973028		12.7	657	28.0				
K973029		12.0	4040	24.7	160			
K973030		13.6	1490	32.3				
K973031		10.0	5540	25.5				
K973032		0.8	22	<0.5				



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**CERTIFICATE OF ANALYSIS WH12026541**

Method	CERTIFICATE COMMENTS
ALL METHODS ME-MS61 ME-MS61	NSS is non-sufficient sample. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026542**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026542**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K973034		0.83	7.01	107.0	2190	1.81	0.37	2.35	1.94	51.5	7.3	5	26.7	18.0	3.93	16.25
K269922		0.35	7.71	18.6	1980	1.81	0.45	2.16	0.11	49.3	20.1	8	13.80	10.0	3.30	18.85
K269924		1.82	6.90	323	890	1.61	1.52	1.96	4.72	45.0	32.0	7	14.35	28.6	5.56	16.90
K272005		0.03	0.08	6	30	0.08	0.02	22.1	0.09	1.33	2.2	<1	0.15	1.5	0.44	0.50
K269925		1.20	7.90	165.0	1510	1.68	0.21	2.07	2.65	52.5	6.9	11	19.10	12.0	3.12	18.70
K269971		0.31	7.64	86.6	1540	1.63	0.48	2.58	0.19	46.2	6.6	7	17.55	7.2	3.07	17.90
K269972		>100	5.03	4980	690	1.30	0.57	4.87	22.9	33.0	6.3	5	13.85	154.0	3.69	12.00
K269974		1.44	7.57	378	1450	1.61	0.19	3.38	5.91	47.7	5.7	6	14.65	8.6	3.27	16.10
K269998		3.94	7.52	669	1720	1.57	0.27	2.41	17.30	48.6	6.1	9	13.90	14.5	3.24	16.80
K269999		17.65	6.78	1725	1940	1.57	0.34	3.02	9.08	41.4	5.4	7	11.65	26.8	2.96	14.60
K270000		0.42	7.31	19.6	1870	1.54	0.26	2.22	0.22	48.0	5.2	9	10.25	5.5	2.87	15.80
G006289		>100	7.67	54.6	1550	1.49	1.62	2.42	54.2	29.8	14.3	21	2.56	4900	3.94	23.1
K270401		3.94	7.38	109.5	820	1.70	1.70	1.86	3.43	67.5	9.3	6	17.95	155.5	3.74	17.15
K270402		5.35	7.19	613	1200	1.53	1.15	2.11	11.50	59.2	8.4	8	15.15	33.8	3.46	17.10
K270403		13.40	5.49	2620	700	1.45	1.47	2.73	46.8	39.1	5.6	7	18.25	159.0	3.26	13.45
K270405		13.05	7.24	2920	1210	1.70	9.56	1.82	24.7	51.6	6.3	6	17.65	455	4.12	17.20
K270406		0.71	7.13	68.3	1960	2.19	0.26	3.24	3.62	47.0	7.3	8	29.8	16.3	2.43	20.1
K270407		0.24	7.79	31.7	1440	2.17	0.29	1.83	0.56	65.0	6.1	14	22.0	10.0	2.54	21.9
K270408		2.98	7.51	170.5	2030	2.68	1.62	2.15	13.55	50.0	8.3	9	30.9	59.6	3.15	19.20
K270409		>100	4.76	>10000	140	1.13	85.5	1.17	>1000	24.3	6.4	8	10.90	4160	7.65	15.95
K270410		0.25	7.36	15.4	2120	1.67	0.30	2.57	1.00	40.8	7.2	13	13.40	6.5	2.88	17.95
K270411		0.61	7.52	34.9	2360	1.86	0.98	2.73	2.67	47.7	8.6	13	13.30	13.7	3.32	18.10
K270413		0.77	7.33	31.7	1190	1.74	1.18	2.95	2.79	41.0	13.2	9	11.10	8.8	3.98	18.35
K270414		>100	6.72	2860	410	1.36	4.00	0.83	181.5	44.1	6.6	10	9.95	1200	6.29	15.80
K270415		1.37	6.33	70.5	1530	1.61	0.54	2.55	3.79	35.7	4.8	8	11.90	10.1	2.79	17.25
K270423		1.95	7.34	229	1160	1.74	0.28	2.24	1.73	49.9	5.9	8	22.4	105.5	2.67	17.50
K270424		97.7	4.12	756	910	1.04	72.6	1.04	92.9	14.10	11.2	11	6.64	995	8.66	9.96
K270426		0.68	7.50	21.7	1710	1.79	0.85	3.06	0.76	45.6	7.1	8	13.40	10.6	3.17	17.80
K270427		0.46	7.53	21.1	1900	1.41	0.62	2.47	0.87	49.5	4.4	8	11.65	10.4	3.06	18.30
G006290		>100	1.37	1185	300	0.33	62.3	1.72	529	13.10	29.6	31	0.77	>10000	17.70	18.30
K270428		0.36	7.05	24.6	2180	1.46	0.36	2.30	0.55	46.7	4.9	8	10.95	41.8	3.00	16.40
K270429		0.95	7.06	83.4	1530	1.42	0.58	1.92	2.54	55.2	6.6	8	18.35	35.3	3.33	15.85
K270430		0.27	7.85	14.1	2550	1.31	0.40	2.03	0.30	48.7	7.5	11	10.60	80.9	3.27	17.25
K270432		38.5	6.62	4650	1650	1.11	5.33	2.45	49.0	50.0	5.0	7	14.40	705	5.68	14.35
K270433		0.12	6.74	11.2	2060	1.53	0.29	2.34	0.24	44.6	5.7	12	12.15	6.6	2.94	15.70
K270438		2.11	7.18	115.5	1400	1.44	0.93	2.00	4.30	54.1	5.7	7	13.40	8.5	3.43	15.75



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026542**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
K973034		0.26	0.8	0.125	2.46	28.3	175.0	0.86	1380	4.96	0.11	7.5	2.6	520	76.7
K269922		0.23	1.4	0.194	3.67	25.6	16.5	0.75	1140	1.62	1.18	9.4	2.9	580	17.5
K269924		0.29	1.1	0.301	3.41	25.2	13.7	0.74	2480	1.33	0.16	7.7	2.6	490	263
K272005		0.40	<0.1	<0.005	0.03	0.6	1.1	13.40	191	0.08	0.01	0.6	4.9	200	2.8
K269925		0.28	1.5	0.081	3.66	26.9	39.3	0.60	1870	1.06	0.18	9.8	2.2	620	49.4
K269971		0.27	1.3	0.095	3.16	23.2	67.2	0.86	1750	1.02	0.49	8.8	2.4	590	18.9
K269972		0.18	0.9	0.103	2.12	18.4	40.1	0.68	2140	20.5	0.02	5.5	2.2	360	830
K269974		0.14	1.3	0.102	2.33	24.6	114.0	1.19	2520	2.42	0.03	7.1	1.7	590	149.0
K269998		0.17	1.1	0.118	3.37	24.4	49.9	0.85	1950	1.43	0.29	7.1	1.9	580	477
K269999		0.14	1.0	0.205	2.95	21.4	31.0	0.92	4240	4.80	0.04	6.1	2.0	490	332
K270000		0.16	1.5	0.125	3.03	23.5	24.0	0.70	1330	1.60	1.41	7.9	2.0	560	15.8
G006289		0.26	0.6	13.85	2.30	15.3	12.4	0.69	585	42.6	2.61	8.4	12.7	830	9750
K270401		0.27	1.1	0.222	2.80	39.8	40.0	0.70	1210	7.07	0.05	7.9	2.3	530	222
K270402		0.25	1.2	0.365	3.03	33.3	39.0	0.81	1480	5.17	0.04	7.9	2.7	530	1180
K270403		0.21	0.9	0.885	2.03	21.8	63.1	1.02	1840	15.05	0.02	6.2	2.3	390	3670
K270405		0.24	1.2	0.455	2.32	27.9	111.5	0.67	1220	2.89	0.03	8.2	2.3	540	1110
K270406		0.29	2.9	0.083	2.62	23.9	46.6	0.93	801	2.66	0.04	11.0	4.3	710	118.0
K270407		0.30	3.6	0.036	2.30	33.5	87.5	0.74	563	1.17	0.04	12.3	5.2	1060	34.7
K270408		0.27	2.2	0.261	2.36	26.0	39.2	0.79	965	2.68	0.06	10.0	4.4	630	484
K270409		0.31	0.9	27.7	2.24	11.5	19.4	0.47	1500	22.4	0.02	6.1	2.5	450	>10000
K270410		0.22	1.1	0.080	2.59	20.1	24.8	0.74	563	4.46	2.09	9.4	2.6	620	36.6
K270411		0.28	1.1	0.209	2.15	24.6	28.3	0.83	694	0.76	2.41	9.5	2.9	600	86.8
K270413		0.26	1.1	0.100	2.56	19.2	43.1	0.67	1500	3.37	1.45	9.6	2.9	590	157.5
K270414		0.28	0.9	3.38	3.02	23.7	9.4	0.42	1060	6.70	0.03	7.5	2.5	490	>10000
K270415		0.23	1.1	0.104	3.02	16.8	28.0	0.53	1140	0.67	0.69	9.2	2.2	560	314
K270423		0.24	1.4	0.114	2.66	26.1	163.5	0.75	1620	3.84	0.04	8.9	2.4	530	112.0
K270424		0.24	0.6	2.42	1.89	7.1	26.9	0.47	1100	14.55	0.02	3.6	1.8	290	9420
K270426		0.23	1.0	0.081	3.32	22.8	43.7	0.86	998	1.89	0.31	8.1	2.6	580	54.9
K270427		0.16	1.4	0.128	2.55	25.0	31.2	0.65	654	0.93	1.40	8.8	2.7	620	49.2
G006290		0.95	0.6	7.24	0.43	7.4	8.0	0.85	394	38.9	0.02	1.7	64.1	400	>10000
K270428		0.15	1.3	0.090	2.81	23.2	16.8	0.75	615	1.78	1.95	8.2	2.6	620	37.6
K270429		0.18	1.2	0.111	2.95	30.5	89.4	0.70	1680	7.33	0.21	7.4	2.4	570	139.5
K270430		0.16	1.3	0.061	3.14	24.5	42.6	0.79	558	2.53	0.73	8.0	2.5	630	41.7
K270432		0.20	1.2	0.582	2.90	26.0	35.6	0.61	1560	2.56	0.06	7.2	2.1	510	6340
K270433		0.15	1.4	0.060	2.66	22.2	12.7	0.68	551	1.39	1.87	8.2	2.9	570	24.5
K270438		0.18	1.2	0.071	3.30	28.8	13.5	0.82	2640	6.28	0.04	7.4	2.2	560	159.0



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026542**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K973034		<0.002	1.29	29.6	10.4	2	2.0	168.5	0.54	0.06	11.4	0.207	2.66	6.9	59	2.8
K269922		<0.002	0.28	6.50	12.4	2	2.4	197.0	0.72	0.06	12.6	0.245	2.39	4.8	66	8.0
K269924		<0.002	3.01	15.80	10.0	2	2.9	96.7	0.59	0.38	11.7	0.216	2.90	5.7	59	20.6
K272005		<0.002	0.01	0.12	0.4	1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6	3	0.1
K269925		<0.002	0.80	17.05	12.2	2	2.3	150.5	0.76	<0.05	13.1	0.254	2.53	5.4	70	10.0
K269971		0.002	0.50	16.50	11.2	2	2.1	198.5	0.69	0.25	11.6	0.237	2.38	5.2	65	2.2
K269972		0.002	2.77	216	7.6	2	7.1	246	0.40	0.08	7.6	0.168	2.01	15.7	49	3.5
K269974		<0.002	0.59	19.15	10.8	2	2.4	417	0.63	<0.05	11.4	0.244	2.06	10.6	71	5.0
K269998		<0.002	0.74	20.3	11.2	2	3.9	176.0	0.62	<0.05	12.5	0.232	2.29	4.3	67	2.3
K269999		0.002	1.38	51.1	9.5	1	4.5	134.0	0.52	<0.05	10.7	0.206	2.36	4.4	57	2.1
K270000		<0.002	0.32	8.28	11.0	2	2.5	198.5	0.78	<0.05	14.4	0.234	1.92	4.9	63	2.1
G006289		0.019	1.68	162.0	8.1	5	357	695	0.42	0.15	4.2	0.228	3.50	1.0	76	19.0
K270401		0.002	2.62	69.7	10.8	2	4.7	55.7	0.58	0.40	12.4	0.225	2.59	8.0	60	4.2
K270402		<0.002	2.07	29.7	11.0	2	3.1	72.7	0.58	0.20	12.0	0.222	3.04	5.9	62	3.5
K270403		<0.002	1.97	118.0	8.5	2	3.3	172.0	0.46	0.05	9.0	0.178	2.29	6.0	49	5.8
K270405		<0.002	2.30	65.9	11.2	2	3.9	152.5	0.63	0.16	11.6	0.227	2.38	4.2	63	5.3
K270406		<0.002	0.39	19.25	8.7	2	1.6	472	0.74	0.05	8.2	0.271	2.95	8.4	67	7.2
K270407		0.003	0.07	13.90	6.5	2	1.6	874	0.75	0.06	8.9	0.310	1.20	3.4	53	2.5
K270408		<0.002	1.12	38.1	10.0	2	2.2	278	0.67	0.23	9.7	0.274	2.15	5.5	67	4.7
K270409		0.002	10.00	214	6.9	8	18.3	122.0	0.44	0.30	6.0	0.186	2.13	3.9	51	5.4
K270410		0.002	0.25	3.74	12.2	2	2.0	361	0.69	0.10	10.4	0.263	1.19	3.4	73	1.2
K270411		<0.002	0.76	4.31	12.6	2	2.1	398	0.72	0.31	12.5	0.255	1.03	4.3	72	1.5
K270413		<0.002	2.20	5.39	11.9	2	2.5	201	0.77	0.67	11.2	0.255	1.82	3.8	69	2.3
K270414		0.003	7.06	244	9.2	3	9.5	39.6	0.56	0.30	9.8	0.219	2.63	3.5	59	3.4
K270415		<0.002	1.07	7.59	10.5	2	2.4	161.0	0.73	0.23	9.7	0.247	2.18	3.9	66	2.2
K270423		<0.002	1.01	51.5	11.1	2	2.0	114.5	0.73	0.11	13.5	0.231	2.88	5.0	65	4.2
K270424		<0.002	9.71	211	5.9	2	6.7	46.9	0.27	1.66	5.2	0.120	1.67	2.7	38	3.7
K270426		<0.002	1.78	8.00	11.7	2	2.4	145.0	0.60	0.31	10.6	0.234	2.38	3.6	67	2.5
K270427		0.002	0.81	8.56	11.3	2	2.7	174.5	0.75	0.20	12.1	0.262	1.58	4.6	69	2.4
G006290		0.035	>10.0	278	3.2	234	115.5	42.3	0.10	0.81	1.1	0.043	35.3	4.0	60	1.9
K270428		<0.002	0.27	9.73	9.7	2	2.2	284	0.69	0.13	12.2	0.247	1.46	4.3	70	1.7
K270429		<0.002	1.58	30.8	10.1	2	2.5	115.0	0.61	0.27	13.8	0.238	2.52	6.0	65	2.8
K270430		0.002	0.48	13.80	10.8	2	1.9	183.5	0.62	0.40	12.4	0.257	1.54	2.8	73	4.0
K270432		0.002	4.77	113.5	9.3	2	4.0	99.8	0.67	0.17	12.3	0.214	2.37	5.8	58	3.1
K270433		<0.002	0.49	3.19	9.6	1	1.8	293	0.76	0.12	11.9	0.229	1.43	4.3	64	1.1
K270438		<0.002	2.66	16.15	10.2	1	2.4	49.4	0.66	0.29	12.7	0.226	3.04	4.4	65	3.4





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 Finalized Date: 7-MAR-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026542**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K973034		13.5	162	23.5				
K269922		15.8	56	36.3				
K269924		13.2	542	29.5				
K272005		0.9	17	1.2				
K269925		16.9	236	40.2				
K269971		14.3	55	34.7				
K269972		10.1	1940	25.5	107			
K269974		13.3	466	35.1				
K269998		12.4	1170	28.4				
K269999		12.0	979	25.4				
K270000		13.6	59	35.5				
G006289		11.3	7630	15.7	111			
K270401		13.1	316	31.9				
K270402		13.5	1040	32.0				
K270403		10.1	3310	25.6				
K270405		14.0	1930	32.8				
K270406		13.9	321	110.5				
K270407		10.3	124	139.5				
K270408		13.8	1010	80.9				
K270409		8.1	>10000	29.5	181		2.81	7.43
K270410		16.3	120	32.2				
K270411		18.0	239	29.8				
K270413		15.4	378	32.4				
K270414		10.6	>10000	27.5	155		3.06	1.885
K270415		13.1	450	29.1				
K270423		13.9	176	38.6				
K270424		6.1	8690	17.1				
K270426		13.5	99	29.8				
K270427		16.0	106	37.6				
G006290		7.6	>10000	19.0	160	1.230	1.510	9.21
K270428		15.0	134	39.9				
K270429		14.3	223	33.0				
K270430		15.1	66	36.1				
K270432		16.5	3600	30.9				
K270433		15.0	55	36.3				
K270438		12.0	326	33.4				



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**CERTIFICATE OF ANALYSIS WH12026542**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026543**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026543**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K270439		17.55	7.44	3250	1650	1.44	3.05	1.15	45.9	50.1	6.2	10	13.10	52.4	4.06	16.40
K270440		0.21	7.37	30.7	2000	1.70	0.34	2.69	0.70	41.5	6.7	12	10.05	6.1	2.98	16.45
K973110		0.39	7.06	56.9	2190	1.63	0.17	2.84	0.69	41.7	7.0	9	23.7	27.1	3.04	16.40
K973111		66.1	6.23	4470	840	1.43	41.4	1.45	333	48.7	5.1	7	27.9	1040	4.26	13.70
K973112		0.52	7.18	75.8	1450	1.55	0.21	2.43	1.71	38.5	8.0	8	23.6	11.4	2.74	16.75
K973113		18.05	7.28	3460	1630	1.82	3.58	1.88	8.50	43.9	6.6	8	21.3	62.9	3.29	16.65
G006291		>100	1.42	1160	290	0.29	65.9	1.75	518	13.30	27.1	31	0.86	>10000	17.15	15.95
K973115		0.10	6.72	18.0	2060	1.39	0.15	2.78	0.44	40.5	6.0	11	20.1	6.9	2.93	16.45
K973120		0.75	6.98	35.9	1810	1.52	0.46	1.94	3.93	38.5	6.2	8	18.40	31.3	3.75	16.60
K973121		6.76	5.65	>10000	1150	1.29	1.88	2.09	40.4	47.1	7.4	6	21.5	104.0	5.02	13.50
K973123		0.10	6.93	15.5	2190	1.70	0.20	2.50	0.17	40.4	7.0	8	37.5	16.7	3.34	16.80
K973155		0.08	7.76	89.4	2390	1.90	0.16	2.01	0.43	71.5	7.7	24	20.9	10.9	3.12	19.70
K973156		31.1	5.70	2850	1070	1.34	5.88	1.10	96.3	44.4	8.9	10	16.90	187.5	4.86	12.90
K973157		0.43	7.41	39.7	1400	1.47	0.70	1.48	0.54	47.2	7.7	9	25.5	21.4	2.68	15.85
K973158		0.23	7.02	64.8	870	1.94	0.56	2.14	0.39	56.4	6.0	24	30.6	10.9	2.49	19.15
K973159		45.9	5.42	1995	1750	1.08	6.56	0.42	209	39.0	12.1	8	13.40	137.5	6.28	12.40
K973160		1.80	7.28	71.9	710	1.33	1.37	1.49	7.32	54.8	7.7	10	18.50	5.9	3.98	14.75
K973161		10.60	7.42	795	170	1.42	1.42	0.70	36.1	41.1	12.0	11	16.70	37.2	6.50	19.35
K272040		0.02	0.10	<5	20	0.09	0.03	21.4	0.07	1.64	1.2	<1	0.29	3.9	0.43	0.37
K973162		0.44	7.46	12.1	1490	1.54	1.38	2.21	0.64	50.0	7.4	10	11.85	5.9	3.23	16.90
K973164		0.45	7.66	21.7	1280	1.52	1.10	2.03	2.81	46.4	8.9	9	13.45	12.2	3.49	17.50
K973165		7.27	7.01	337	280	1.55	3.23	1.43	25.4	56.5	9.3	7	23.4	57.3	6.79	16.70
K973166		1.02	7.14	33.7	1010	1.57	1.13	2.58	1.91	47.1	9.9	8	21.4	19.6	3.95	16.30
K973167		0.41	6.76	15.6	500	1.46	1.47	2.48	0.71	42.4	9.3	8	23.9	7.2	3.25	17.05
K973168		0.72	6.52	30.2	1230	1.14	1.55	1.51	0.30	84.6	17.1	9	8.34	3.5	5.22	19.45
G006292		>100	7.66	55.3	1600	1.26	1.52	2.46	60.2	31.3	13.3	23	2.63	4680	4.09	20.6
K973169		22.5	7.14	475	190	1.62	15.30	1.58	27.9	99.4	21.4	7	50.8	680	7.91	20.8
K973171		2.09	6.24	336	830	1.13	2.24	1.77	3.09	67.1	7.1	9	12.80	29.8	3.41	14.00
K973172		3.06	7.12	165.0	730	1.34	1.39	2.10	18.65	41.8	6.8	7	18.25	37.2	3.75	15.05
K973173		2.32	7.35	104.0	1160	1.39	1.20	2.32	5.39	40.8	6.5	8	17.35	25.6	3.40	15.40
K973174		3.47	7.59	115.5	1070	1.39	0.88	1.89	6.77	56.3	5.9	8	19.75	36.3	3.22	15.75
K973175		14.10	7.21	306	680	1.51	12.75	1.49	20.7	50.0	7.6	9	20.0	598	4.71	15.15
K973176		13.80	7.37	386	690	1.38	15.30	1.71	28.6	55.0	6.8	8	15.30	211	4.53	15.15
K973178		0.23	7.42	12.5	2170	1.43	0.70	2.16	0.70	48.3	6.6	10	17.00	12.1	3.24	16.25
K973179		0.24	7.50	11.4	1870	1.25	0.49	2.64	0.74	51.1	6.3	8	13.15	17.2	3.37	16.40
K973180		0.48	7.09	15.3	1780	1.53	0.35	2.74	0.23	47.2	6.9	9	16.15	9.4	2.94	15.35



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026543**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K270439		0.12	1.3	0.133	3.28	25.5	21.9	0.47	1470	8.94	0.08	7.9	2.2	540	2470	194.0
K270440		0.12	1.5	0.052	3.02	20.2	8.2	0.64	629	0.69	1.87	8.8	2.3	550	26.0	127.5
K973110		0.12	1.3	0.064	3.05	20.2	69.3	0.79	1420	1.34	0.13	8.8	2.3	570	39.0	121.5
K973111		0.11	1.0	5.32	2.48	26.9	42.5	0.62	1540	28.8	0.04	6.4	2.0	480	>10000	141.5
K973112		0.11	1.2	0.067	2.76	18.4	93.0	0.69	1080	2.27	0.05	8.3	2.3	610	79.7	99.2
K973113		0.09	1.2	0.135	2.32	21.5	178.5	0.64	1620	5.02	0.04	8.2	2.2	590	3200	102.0
G006291		1.01	0.6	7.45	0.41	7.7	8.0	0.83	386	40.0	0.02	1.6	53.1	400	>10000	15.6
K973115		0.13	1.1	0.049	2.78	20.5	76.4	0.62	658	2.44	1.20	8.4	2.3	580	29.1	99.4
K973120		0.14	1.2	0.146	3.03	19.6	97.5	0.63	982	1.65	0.16	8.2	2.1	560	180.0	129.5
K973121		0.18	0.9	0.319	2.27	27.3	40.2	0.75	1740	11.85	0.03	6.8	2.6	470	1615	131.0
K973123		0.13	1.2	0.051	2.94	20.5	59.2	0.51	469	0.83	1.30	8.4	2.2	590	24.6	120.0
K973155		0.18	4.1	0.038	2.44	37.7	93.8	1.09	793	0.99	0.03	11.8	7.9	1370	21.1	85.7
K973156		0.17	1.6	1.265	2.17	20.8	52.4	0.51	1760	12.40	0.04	7.1	4.2	580	1910	142.5
K973157		0.11	1.2	0.097	2.08	21.7	114.5	0.55	995	20.1	0.04	9.2	2.5	580	34.4	90.0
K973158		0.15	4.4	0.053	2.33	24.0	152.0	0.72	783	1.91	0.04	13.1	6.7	1260	27.0	64.8
K973159		0.19	1.0	2.63	2.41	18.1	20.7	0.35	571	17.50	0.03	3.6	2.8	390	>10000	159.0
K973160		0.15	1.0	0.127	3.38	26.7	37.7	0.71	1640	1.75	0.04	4.8	2.3	570	398	214
K973161		0.20	1.1	0.211	3.52	17.9	13.2	0.52	640	9.90	0.04	5.6	3.2	520	3310	215
K272040		<0.05	<0.1	0.005	0.05	0.8	1.4	13.00	185	0.12	0.01	0.4	1.1	210	1.7	2.3
K973162		0.13	1.2	0.088	2.63	22.9	81.0	0.78	777	0.50	0.05	7.3	2.0	610	34.7	135.5
K973164		0.14	1.2	0.154	1.96	20.7	53.1	0.59	684	3.42	0.12	9.5	2.4	640	116.5	86.4
K973165		0.22	1.0	0.599	3.10	26.1	18.4	0.59	1150	16.95	0.03	8.9	2.2	580	1655	186.0
K973166		0.15	1.1	0.138	2.78	21.3	66.0	0.67	979	1.02	0.16	7.7	2.9	570	208	126.5
K973167		0.13	1.1	0.142	2.30	18.8	144.5	0.61	730	0.63	0.05	7.5	2.4	590	51.1	92.8
K973168		0.19	1.0	0.178	3.03	41.4	27.6	0.66	956	0.91	0.05	7.9	2.2	600	33.1	199.0
G006292		0.15	0.6	13.90	2.32	14.1	11.7	0.69	608	44.4	2.63	7.9	11.9	830	9520	66.4
K973169		0.23	0.9	1.350	3.19	52.6	19.1	0.65	1140	11.30	0.04	6.7	2.5	510	1190	201
K973171		0.15	1.0	0.194	2.82	34.5	19.1	0.73	1020	3.23	0.04	6.3	2.1	430	326	177.0
K973172		0.16	1.0	0.277	3.09	19.9	15.7	0.80	2180	5.31	0.03	7.6	2.2	540	992	202
K973173		0.16	1.1	0.159	3.02	18.8	136.5	0.83	1160	1.71	0.04	7.9	2.3	550	416	168.0
K973174		0.16	1.0	0.147	3.24	27.3	37.3	0.72	1390	1.84	0.03	7.6	2.3	550	482	198.0
K973175		0.19	1.0	0.673	3.12	24.8	56.7	0.56	1090	1.40	0.03	7.8	2.2	530	392	192.5
K973176		0.18	1.1	0.902	3.12	27.7	39.0	0.67	1420	0.80	0.04	8.1	2.2	550	929	183.0
K973178		0.15	1.2	0.078	2.74	21.9	34.8	0.67	587	0.78	1.37	9.5	2.4	610	27.6	108.5
K973179		0.16	1.2	0.087	2.77	23.0	36.2	0.71	587	0.66	0.65	9.4	2.3	620	64.9	97.2
K973180		0.15	1.2	0.074	2.69	21.2	59.2	0.78	770	0.85	1.44	9.1	2.2	560	22.4	95.9



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026543**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K270439		<0.002	3.66	46.3	10.2	1	4.8	66.4	0.72	1.49	12.8	0.223	2.96	5.4	63	4.4
K270440		<0.002	0.85	2.33	9.8	1	2.2	306	0.86	0.15	11.4	0.229	1.60	5.1	66	0.9
K973110		<0.002	0.40	17.40	9.8	1	2.4	134.5	0.70	<0.05	10.8	0.236	2.75	5.3	68	3.3
K973111		0.002	3.01	360	8.1	2	8.1	139.0	0.53	0.07	11.6	0.196	2.66	12.1	54	4.3
K973112		<0.002	0.36	17.30	9.8	1	2.5	143.0	0.65	0.05	10.1	0.248	2.59	6.5	69	3.9
K973113		<0.002	1.33	50.4	10.5	1	3.3	147.5	0.65	<0.05	11.4	0.238	2.29	3.8	65	4.9
G006291		0.035	>10.0	270	2.6	219	122.5	39.0	0.09	0.86	1.2	0.041	35.0	4.4	59	1.9
K973115		<0.002	0.10	8.76	10.1	1	2.0	284	0.68	0.09	10.8	0.250	1.58	4.1	67	2.3
K973120		<0.002	0.28	16.40	10.5	<1	2.7	133.5	0.70	0.08	12.0	0.245	2.09	4.4	68	3.9
K973121		<0.002	2.87	96.1	10.5	1	3.5	81.1	0.52	0.09	11.3	0.213	2.45	9.6	65	6.7
K973123		<0.002	0.07	7.12	10.4	1	1.7	282	0.70	0.08	11.3	0.255	1.50	3.7	68	1.5
K973155		<0.002	0.10	13.80	7.5	<1	1.8	890	0.76	0.06	9.4	0.359	1.50	3.9	69	1.9
K973156		<0.002	4.41	82.6	6.4	2	5.9	378	0.50	0.33	9.5	0.197	2.12	4.5	48	3.6
K973157		0.003	0.50	15.15	9.5	1	3.5	167.0	0.74	0.24	13.3	0.255	1.89	4.5	68	4.5
K973158		<0.002	0.09	22.9	6.1	1	2.2	1300	0.81	0.65	8.0	0.356	1.58	7.7	67	3.9
K973159		<0.002	6.92	73.1	6.4	2	5.7	65.9	0.30	0.84	9.7	0.122	2.51	2.8	48	5.2
K973160		<0.002	3.21	7.95	9.7	1	2.5	53.2	0.42	0.61	14.6	0.178	3.17	3.2	56	4.4
K973161		<0.002	6.54	30.9	8.6	1	9.3	34.8	0.45	0.81	12.2	0.172	3.22	3.1	86	5.9
K272040		<0.002	0.01	0.08	0.5	<1	<0.2	47.6	<0.05	0.06	0.2	<0.005	<0.02	0.6	3	0.1
K973162		<0.002	1.74	10.50	10.0	1	2.2	128.5	0.61	0.70	13.2	0.224	2.39	3.8	67	2.7
K973164		<0.002	1.71	13.60	10.7	1	2.5	115.0	0.80	0.41	13.2	0.268	1.61	4.1	69	3.3
K973165		<0.002	6.61	25.3	14.2	2	6.8	51.8	0.59	0.51	11.1	0.273	3.15	3.4	89	4.5
K973166		<0.002	2.33	10.00	9.6	1	4.0	137.0	0.62	0.53	11.9	0.230	2.30	3.2	69	2.9
K973167		<0.002	2.19	12.90	9.7	1	2.2	153.5	0.60	0.94	11.0	0.227	1.92	4.0	77	3.4
K973168		<0.002	4.46	5.52	9.6	2	4.4	59.0	0.61	0.91	14.3	0.210	2.74	6.2	125	3.1
G006292		0.025	1.65	154.0	6.4	4	334	686	0.45	0.13	5.0	0.232	3.68	1.1	79	20.7
K973169		<0.002	7.62	194.0	8.8	2	11.6	91.3	0.51	1.27	12.7	0.204	2.55	12.4	105	5.0
K973171		<0.002	2.19	19.10	7.5	1	3.8	62.2	0.57	0.53	16.6	0.174	2.48	5.6	62	2.9
K973172		<0.002	2.75	19.70	9.7	1	5.0	65.4	0.55	0.52	9.8	0.235	3.14	7.9	65	4.2
K973173		<0.002	1.97	16.05	9.5	1	4.2	119.5	0.61	0.53	11.0	0.235	2.52	7.0	65	3.1
K973174		<0.002	1.94	25.5	9.5	1	3.6	109.5	0.58	0.26	11.9	0.233	2.93	8.2	67	4.3
K973175		<0.002	3.64	78.9	9.3	1	6.5	91.3	0.60	0.30	12.3	0.233	2.78	5.2	65	4.9
K973176		<0.002	3.25	35.4	9.5	1	4.9	79.4	0.64	0.43	14.5	0.237	2.66	7.4	68	3.2
K973178		<0.002	0.80	7.57	10.0	1	2.3	255	0.72	0.32	12.0	0.269	1.45	3.8	72	2.4
K973179		<0.002	0.63	5.44	9.9	1	2.5	188.0	0.73	0.14	13.2	0.268	1.37	3.7	73	2.6
K973180		<0.002	0.42	4.61	8.9	1	1.8	288	0.75	0.13	12.8	0.251	1.44	4.3	67	2.4



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**CERTIFICATE OF ANALYSIS WH12026543**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K270439		10.5	3240	36.5				
K270440		14.1	92	41.6				
K973110		14.5	114	37.8				
K973111		11.7	>10000	27.1			1.540	2.19
K973112		12.0	147	33.0				
K973113		12.2	547	33.4				
G006291		6.7	>10000	18.4	173	1.320	1.595	9.69
K973115		14.3	66	29.7				
K973120		13.5	322	31.7				
K973121		13.7	2770	23.8				
K973123		13.8	59	34.8				
K973155		12.4	97	174.0				
K973156		9.1	6780	60.1				
K973157		13.7	96	33.7				
K973158		12.0	91	182.5				
K973159		9.7	>10000	28.6			1.135	1.455
K973160		11.5	583	29.9				
K973161		12.1	2390	30.2				
K272040		1.0	15	0.5				
K973162		14.2	96	31.6				
K973164		15.8	306	33.4				
K973165		14.6	2290	25.5				
K973166		12.9	218	28.0				
K973167		12.6	122	29.0				
K973168		12.2	47	27.0				
G006292		10.8	7800	16.9	103			
K973169		14.0	2660	25.2				
K973171		12.4	225	29.2				
K973172		13.3	1340	28.0				
K973173		14.5	436	30.1				
K973174		13.7	554	28.6				
K973175		12.6	1980	26.5				
K973176		13.9	2610	29.3				
K973178		15.9	109	33.2				
K973179		16.6	116	33.4				
K973180		15.4	62	35.3				



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**CERTIFICATE OF ANALYSIS WH12026543**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12026544**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026544**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K973181		0.18	7.65	11.3	2530	1.76	0.74	2.42	0.55	41.6	7.1	9	15.40	14.9	3.18	17.35
K973182		0.24	7.51	11.3	1320	1.87	1.19	1.93	0.38	38.1	6.8	8	12.55	14.2	2.63	17.65
K973183		1.69	7.92	24.9	1370	1.58	1.25	2.69	4.88	48.1	7.8	11	14.10	16.0	3.14	17.15
K973185		11.75	6.09	8110	900	1.42	4.86	3.56	46.8	40.7	5.1	7	11.00	100.5	5.12	14.10
K973186		6.95	6.01	167.0	630	1.43	5.82	1.16	18.50	48.0	24.5	9	5.32	72.5	10.00	15.85
K863248		0.18	7.17	16.4	2140	1.86	0.14	2.73	0.16	38.2	7.4	8	13.35	6.9	2.65	16.40
K863249		56.9	6.36	1960	830	1.55	20.9	3.04	89.3	44.6	6.0	7	16.85	794	4.52	12.90
K863250		0.18	7.04	15.8	1920	1.61	0.16	2.56	0.13	40.8	5.3	9	13.15	6.2	2.76	15.50
K271610		0.12	0.08	<5	20	0.05	0.04	20.5	0.23	1.45	1.6	<1	0.19	2.9	0.44	0.44
K863289		0.13	6.88	7.1	2570	1.38	0.35	2.36	0.19	42.5	6.8	19	10.15	3.8	2.51	15.25
K863291		1.90	7.41	476	250	1.57	1.26	2.56	13.00	58.3	35.0	15	15.75	15.4	4.35	16.25
K863292		>100	2.27	>10000	130	0.55	89.5	4.06	>1000	14.75	3.8	7	4.83	1605	10.05	5.94
K863293		1.02	7.29	98.6	1700	1.47	0.81	1.95	5.76	55.4	10.7	18	17.45	10.8	3.33	16.30
K863294		0.57	6.79	56.6	2300	1.51	0.67	2.49	2.65	47.3	8.8	19	13.65	9.0	3.20	15.35
K863296		0.22	7.08	9.0	2000	1.46	0.43	1.92	0.30	38.4	6.1	18	14.65	4.8	3.26	15.50
G006293		>100	1.32	1135	160	0.22	58.6	1.72	484	12.95	28.7	30	0.70	>10000	17.05	15.75
K863297		0.66	7.76	521	2310	1.77	0.64	2.05	2.58	59.0	14.6	21	17.90	15.8	3.70	17.95
K863298		49.6	4.73	>10000	170	1.08	8.36	2.27	239	34.6	4.3	13	9.78	308	5.85	11.50
K863299		0.93	6.45	110.0	1430	1.60	0.73	2.32	1.91	44.7	7.6	7	26.8	40.4	2.68	16.00
K863308		0.35	6.30	40.8	2360	1.64	0.38	2.83	0.80	38.3	6.8	8	17.45	9.0	2.53	16.00
K863309		5.61	6.84	444	550	1.56	1.17	2.31	47.2	59.4	6.9	8	19.40	36.7	4.08	15.15
K863310		1.28	6.66	767	1680	1.61	0.52	2.68	5.64	52.9	7.9	8	28.6	20.3	2.86	15.30
K863311		0.19	6.69	15.2	2800	1.60	0.41	2.35	0.37	36.6	6.8	7	18.75	8.9	2.72	15.35
K863312		53.7	6.28	3730	2070	1.33	60.1	0.74	319	45.0	5.9	8	11.05	544	5.53	15.35
K863313		0.56	6.97	21.5	2560	1.97	0.24	2.17	0.94	61.6	5.7	12	20.7	18.5	2.22	19.10
K863314		0.56	7.31	37.9	2350	1.96	0.34	2.28	1.50	63.5	6.1	13	19.75	21.0	2.48	19.95
G006294		>100	7.45	53.0	1540	1.26	1.65	2.34	55.2	31.6	13.2	21	2.50	4620	3.91	19.80
K863315		0.44	7.95	26.3	1090	2.24	0.25	1.35	0.75	72.2	5.8	16	20.4	26.6	2.50	20.5
K863316		7.12	5.80	265	190	1.60	5.28	2.12	37.7	48.3	10.5	7	23.9	101.0	3.69	13.25
K863317		0.11	7.60	49.7	2150	2.14	0.19	2.67	0.58	55.2	6.5	24	13.85	28.6	2.70	19.75
K863325		3.46	6.51	472	240	1.27	3.40	0.74	25.4	46.2	12.5	8	8.42	35.3	5.91	14.40
K863326		8.20	3.59	1235	210	0.69	4.66	0.38	15.30	11.50	114.5	6	4.61	206	16.95	7.44
K863328		1.56	7.17	54.1	130	1.30	2.64	0.98	2.39	48.9	11.3	8	8.85	12.1	4.67	15.45
K863337		0.32	7.39	46.0	2180	1.50	0.61	2.91	0.69	50.1	7.4	7	14.90	7.0	2.71	16.35
K863338		>100	6.44	1950	1310	1.26	81.1	1.79	17.05	51.1	5.9	8	14.60	1115	3.83	12.50
K863339		0.37	7.65	14.5	1690	2.05	0.65	1.33	0.17	62.2	7.8	9	12.30	16.8	2.42	17.15



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**CERTIFICATE OF ANALYSIS WH12026544**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K973181		0.18	1.1	0.099	2.70	20.6	43.8	0.73	618	0.77	1.36	8.3	1.9	650	29.3	99.0
K973182		0.14	1.0	0.118	1.96	18.9	225	0.55	537	0.88	0.05	7.9	2.0	650	23.6	80.6
K973183		0.20	1.0	0.129	2.74	24.8	137.5	0.98	775	1.07	0.05	7.3	1.7	610	210	138.0
K973185		0.20	0.7	1.215	2.61	20.6	23.4	1.32	3060	19.25	0.03	5.7	1.0	440	1910	166.0
K973186		0.25	0.8	0.494	2.79	24.9	10.5	0.55	939	8.80	0.04	5.5	2.3	480	1185	186.0
K863248		0.16	1.3	0.053	2.58	18.2	11.1	0.63	675	0.56	1.84	7.6	1.6	550	29.0	88.2
K863249		0.14	1.0	4.28	2.60	24.2	28.1	0.89	1970	1.12	0.07	6.2	1.2	440	>10000	157.5
K863250		0.07	1.4	0.034	2.77	22.6	17.0	0.70	650	1.32	1.66	8.8	1.9	540	22.6	92.3
K271610		0.05	<0.1	0.012	0.03	0.7	1.2	12.45	199	0.14	0.01	0.4	<0.2	200	38.3	1.8
K863289		0.07	1.0	0.029	2.62	23.9	19.9	0.59	506	1.35	1.40	7.8	1.6	540	17.9	91.1
K863291		0.11	1.0	0.154	3.30	30.5	39.1	0.95	1280	3.10	0.04	8.0	3.6	560	457	161.0
K863292		0.16	0.2	26.0	1.01	7.5	15.2	1.50	4720	17.40	0.01	2.3	1.3	130	>10000	58.5
K863293		0.08	1.2	0.107	3.19	29.7	56.7	0.67	1290	2.35	0.03	8.5	2.8	550	242	169.0
K863294		0.09	1.0	0.092	2.50	24.1	19.4	0.63	639	1.77	1.35	8.1	2.7	520	66.3	101.5
K863296		0.11	1.0	0.055	2.61	21.6	16.8	0.57	537	1.04	1.56	8.4	2.1	540	20.7	104.0
G006293		0.93	0.5	6.40	0.40	7.6	6.1	0.80	371	38.2	0.02	2.0	57.2	370	>10000	16.6
K863297		0.08	1.2	0.086	2.44	31.1	152.5	0.75	994	1.65	0.03	9.3	3.2	630	91.5	117.5
K863298		0.10	0.7	5.34	2.06	18.1	19.0	0.81	6010	4.72	0.02	5.2	2.1	320	6820	120.5
K863299		0.06	1.2	0.076	2.76	22.4	121.0	0.52	923	3.59	0.07	8.4	2.2	520	234	111.5
K863308		0.10	1.4	0.053	2.68	18.3	216	0.50	700	1.02	0.10	9.3	1.9	570	30.1	76.9
K863309		0.10	1.0	0.691	3.00	33.0	31.8	0.78	3040	1.80	0.03	7.6	2.3	500	1235	195.5
K863310		0.09	1.4	0.115	2.84	28.5	31.1	0.93	1520	1.52	0.03	8.2	2.8	520	117.5	146.5
K863311		0.13	1.2	0.038	2.75	20.1	54.3	0.65	788	1.12	0.94	8.3	1.7	520	24.8	93.3
K863312		0.13	1.0	9.03	2.87	23.9	10.9	0.41	1380	2.43	0.01	6.5	2.5	450	3840	169.5
K863313		0.08	2.8	0.038	2.49	31.7	71.4	0.74	479	2.25	0.02	11.2	4.9	880	30.1	84.1
K863314		0.10	3.2	0.053	2.59	32.6	76.0	0.78	539	2.02	0.02	11.8	5.2	950	38.2	87.1
G006294		0.10	0.4	13.15	2.28	16.0	11.1	0.67	584	40.2	2.50	7.4	12.0	800	9220	67.8
K863315		0.17	4.5	0.040	2.24	37.1	100.0	0.69	637	4.07	0.03	12.3	5.0	1220	38.9	76.8
K863316		0.08	1.5	0.755	1.99	25.6	63.3	0.78	1360	9.93	0.03	6.0	4.7	520	663	134.0
K863317		0.15	4.4	0.044	0.95	29.9	167.0	0.91	742	0.78	0.02	12.9	6.7	1390	25.6	24.2
K863325		0.14	1.0	0.509	3.17	24.3	13.9	0.48	1080	1.05	0.03	4.9	2.6	510	514	203
K863326		0.31	0.5	0.285	1.60	5.3	19.3	0.23	734	3.21	0.02	3.1	3.2	150	409	110.5
K863328		0.12	1.1	0.100	3.48	24.7	96.3	0.74	617	1.85	0.05	4.3	2.6	550	125.5	210
K863337		0.14	1.2	0.046	2.66	25.0	220	0.91	1040	0.60	0.04	7.9	1.9	600	41.2	97.3
K863338		0.09	1.0	0.290	2.68	27.5	44.4	0.69	971	2.22	0.03	6.1	2.2	470	>10000	144.5
K863339		0.09	1.3	0.026	1.82	33.7	560	0.52	505	1.09	0.02	8.5	2.6	640	38.4	93.4



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026544**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K973181		<0.002	0.68	7.59	12.4	2	2.1	297	0.71	0.26	12.7	0.264	1.30	3.9	76	2.0
K973182		<0.002	1.49	20.5	12.1	3	3.3	145.0	0.62	0.54	11.8	0.262	1.35	4.0	74	2.5
K973183		<0.002	2.05	11.60	12.8	2	3.6	125.0	0.58	0.42	13.5	0.242	2.21	5.0	72	2.7
K973185		<0.002	2.82	62.8	10.5	3	5.3	119.0	0.45	0.18	10.6	0.183	2.56	6.5	56	3.5
K973186		<0.002	>10.0	23.8	9.6	3	9.1	28.9	0.43	0.75	10.7	0.172	2.13	2.9	77	3.5
K863248		<0.002	0.06	3.66	9.7	2	1.4	375	0.68	<0.05	10.5	0.230	1.40	3.3	63	1.1
K863249		<0.002	3.67	89.1	9.1	4	3.7	119.0	0.56	0.14	13.1	0.190	2.45	6.3	53	3.2
K863250		<0.002	0.17	3.47	9.5	<1	1.4	294	0.82	<0.05	12.3	0.241	1.32	3.9	64	1.4
K271610		<0.002	0.01	0.19	0.4	<1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	3	0.1
K863289		<0.002	0.61	3.44	9.7	<1	1.6	294	0.65	0.11	11.7	0.234	1.28	3.8	65	1.8
K863291		<0.002	2.83	12.20	10.8	2	2.2	112.5	0.67	0.45	13.9	0.223	2.80	7.5	63	4.0
K863292		<0.002	>10.0	239	2.7	10	6.9	75.4	0.17	0.30	4.0	0.061	1.12	3.2	18	3.3
K863293		<0.002	1.27	9.96	9.4	1	1.8	99.9	0.75	0.22	15.1	0.225	3.06	4.2	61	5.6
K863294		0.002	0.42	5.00	9.9	2	2.0	248	0.67	0.19	12.9	0.226	1.51	4.4	62	2.3
K863296		<0.002	0.30	3.97	9.7	<1	1.8	205	0.72	0.08	13.0	0.236	1.60	3.9	63	1.7
G006293		0.035	>10.0	244	2.5	233	104.5	38.5	0.10	0.80	1.2	0.040	33.3	4.2	56	1.9
K863297		<0.002	1.04	15.00	11.5	2	2.6	196.0	0.74	0.17	15.0	0.261	2.04	4.4	75	3.4
K863298		<0.002	4.24	109.0	6.2	3	11.6	105.5	0.46	0.06	9.2	0.140	2.00	4.7	39	6.3
K863299		<0.002	0.62	14.90	9.3	1	5.5	131.5	0.72	0.06	12.6	0.228	2.07	4.9	63	3.7
K863308		<0.002	0.60	6.08	9.1	<1	1.8	291	0.85	0.08	10.0	0.247	1.77	3.1	70	3.2
K863309		<0.002	2.64	15.35	9.8	2	3.8	116.5	0.61	0.17	14.9	0.214	2.81	5.1	61	6.7
K863310		<0.002	0.91	13.35	9.4	2	2.1	192.0	0.67	0.11	13.7	0.219	2.62	6.4	59	5.9
K863311		<0.002	0.69	3.90	9.5	<1	1.8	279	0.71	0.08	10.8	0.230	1.65	3.9	62	3.9
K863312		<0.002	5.82	42.5	9.1	4	12.4	68.8	0.56	0.21	12.6	0.188	2.90	3.8	58	9.6
K863313		<0.002	0.11	12.35	4.8	1	2.3	373	0.79	<0.05	9.5	0.275	1.10	3.9	43	2.5
K863314		<0.002	0.09	11.55	5.0	2	2.4	436	0.83	<0.05	9.8	0.290	1.19	4.1	47	2.5
G006294		0.020	1.56	147.0	6.8	5	332	680	0.45	0.12	5.3	0.223	3.50	1.2	76	20.5
K863315		<0.002	0.12	14.90	6.4	<1	2.7	1545	0.82	<0.05	10.2	0.336	1.18	4.4	59	2.4
K863316		<0.002	2.95	31.9	7.5	2	4.2	414	0.47	0.30	11.0	0.169	1.89	3.7	48	5.6
K863317		<0.002	0.15	22.6	6.8	<1	4.1	1420	0.85	<0.05	7.6	0.375	0.67	3.3	68	5.0
K863325		<0.002	5.64	10.35	10.0	2	6.8	47.5	0.41	0.25	12.5	0.159	2.76	3.0	58	6.3
K863326		0.002	>10.0	71.3	3.3	7	11.0	37.9	0.25	0.38	5.3	0.083	1.50	1.6	28	2.7
K863328		<0.002	4.45	6.78	10.6	2	5.0	95.8	0.40	0.20	14.6	0.130	2.45	3.7	61	3.6
K863337		<0.002	1.19	8.89	9.2	2	2.5	213	0.67	0.71	12.7	0.256	2.27	5.7	66	4.6
K863338		<0.002	3.22	267	8.1	2	4.2	102.0	0.54	0.35	11.5	0.183	2.43	4.2	56	3.6
K863339		<0.002	1.26	26.5	11.7	2	3.2	245	0.70	0.14	16.3	0.238	1.40	6.6	69	4.9



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026544**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K973181		14.1	87	29.4				
K973182		11.5	66	27.2				
K973183		13.1	371	27.3				
K973185		11.1	3370	19.8				
K973186		9.4	1740	20.4				
K863248		12.7	50	34.5				
K863249		13.1	7630	29.3			2.00	
K863250		15.6	48	38.4				
K271610		0.9	38	<0.5				
K863289		14.4	55	27.2				
K863291		13.0	971	30.4				
K863292		6.2	>10000	7.8	127		1.660	9.47
K863293		11.6	438	35.1				
K863294		14.8	231	28.5				
K863296		15.5	76	27.1				
G006293		6.8	>10000	17.7	165	1.345	1.590	9.81
K863297		14.7	253	35.7				
K863298		8.8	>10000	20.7				1.885
K863299		13.0	191	37.2				
K863308		13.3	100	39.4				
K863309		14.0	3330	33.8				
K863310		14.7	419	48.3				
K863311		13.1	79	33.1				
K863312		9.7	>10000	31.5				2.06
K863313		8.5	214	101.0				
K863314		9.0	251	116.0				
G006294		10.3	7070	15.1	104			
K863315		11.2	132	165.5				
K863316		9.3	2460	55.2				
K863317		11.6	113	166.0				
K863325		9.9	1740	29.5				
K863326		7.0	1140	14.3				
K863328		11.0	185	32.5				
K863337		13.5	80	35.0				
K863338		11.6	1060	28.6	132		2.88	
K863339		13.7	34	38.5				



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**CERTIFICATE OF ANALYSIS WH12026544**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026545**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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ATTN: JOAN MARIACHER  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026545**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K863341		1.22	8.11	69.1	980	1.90	1.18	1.83	7.37	50.4	9.8	8	15.65	14.1	4.56	19.50
K863342		0.18	7.52	18.1	1590	2.39	0.70	2.13	0.26	46.9	11.0	9	18.10	15.5	3.47	18.05
K863343		12.70	6.50	2100	990	1.20	3.83	1.44	37.4	49.7	6.4	10	10.20	107.0	5.09	13.05
K863345		0.32	7.78	23.1	1850	1.55	0.36	2.20	1.19	51.3	7.0	10	17.65	6.6	3.36	16.30
G006295		>100	1.41	1140	200	0.28	52.6	1.79	509	13.30	27.6	31	0.76	>10000	17.75	15.10
K972025		0.39	7.31	39.9	2060	1.47	0.71	2.62	0.97	44.1	7.2	8	18.25	25.8	3.69	16.00
K972026		16.35	7.25	3900	100	1.41	1.95	0.85	75.1	45.9	8.9	8	16.00	48.9	8.77	16.35
K972027		0.24	7.68	20.0	1990	1.56	0.52	2.55	0.55	34.5	8.2	12	15.40	9.0	2.97	19.25
K972028		5.14	6.50	342	670	1.34	1.04	2.59	30.5	34.3	9.0	8	23.3	31.6	5.39	17.05
K972029		0.28	6.63	24.8	1360	1.63	0.51	2.87	1.68	30.3	9.3	8	21.8	8.9	2.75	17.80
K972030		2.43	7.53	170.5	340	1.72	0.83	2.65	20.9	37.3	12.2	9	23.9	47.2	4.34	19.95
K972031		4.51	6.90	3560	250	1.89	3.35	2.79	105.5	29.2	11.7	8	44.6	45.6	5.94	21.7
K972044		0.16	7.54	11.7	1480	1.43	0.43	3.20	0.55	47.5	5.5	12	13.90	13.2	2.49	20.7
K972045		14.55	7.88	321	340	1.29	1.87	3.71	72.2	29.8	13.4	4	12.70	74.2	6.50	21.9
K972047		0.25	7.57	12.6	1940	1.26	1.03	2.72	1.15	36.6	9.3	13	6.95	10.6	3.45	20.4
K269006		1.28	7.38	41.4	1150	1.00	0.36	2.44	8.78	53.0	8.0	8	8.27	6.5	2.23	16.35
K269008		76.7	3.86	594	790	0.68	77.4	1.83	176.0	19.05	133.5	6	3.73	1310	13.40	9.77
K269010		1.72	7.05	40.5	1210	1.15	1.70	1.82	3.85	67.3	15.8	8	8.27	12.3	2.36	16.55
K269021		2.52	7.54	463	1400	1.40	0.99	2.15	14.55	47.5	4.8	8	14.80	41.0	2.63	16.95
G006296		>100	7.84	57.1	1560	1.13	1.60	2.35	54.2	27.3	13.7	22	2.42	4780	3.84	22.5
K269022		52.4	4.94	4090	1140	1.10	9.58	2.82	928	29.2	5.4	7	9.10	849	4.32	11.70
K269023		22.0	0.82	197	1700	0.97	20.8	14.90	147.0	7.16	2.7	2	2.48	526	3.54	2.43
K269024		13.35	4.98	5660	920	1.05	12.60	2.87	92.4	30.5	5.4	6	17.75	234	3.23	12.25
K269026		1.36	7.69	184.5	760	1.48	1.12	3.03	5.61	38.8	8.5	9	19.75	30.9	2.59	18.50
K269027		0.78	7.29	331	2060	1.34	0.20	4.02	1.38	40.6	7.4	7	18.60	25.7	2.77	15.80
K269028		9.15	6.69	5510	1290	1.33	9.16	2.85	92.9	38.0	7.2	8	17.50	125.0	4.21	14.85
K269029		0.58	7.35	269	1140	1.45	0.19	2.00	2.65	37.7	7.2	9	21.4	17.3	3.17	16.90
K269031		0.81	7.22	340	1720	1.14	0.33	3.17	0.95	46.0	8.9	9	17.85	72.8	2.89	16.00
K269032		1.33	3.47	220	740	1.37	0.42	10.40	4.05	20.8	3.1	4	8.55	18.3	3.21	8.68
K269033		6.54	6.40	3500	1110	1.17	1.57	0.79	86.4	45.1	6.7	9	11.65	282	7.08	17.80
K269034		>100	5.33	>10000	390	1.08	182.0	1.15	884	32.7	5.2	9	8.61	2590	7.64	15.40
K271640		0.28	0.14	73	30	0.08	0.23	20.5	1.37	1.74	1.3	1	0.40	6.9	0.55	0.52
K269035		0.56	7.68	58.3	2100	1.56	0.50	2.84	2.16	40.6	8.9	9	24.1	36.0	3.25	18.65
K269041		22.9	7.34	610	2240	1.37	5.75	2.93	225	43.6	7.4	7	11.45	172.0	3.45	15.85
K269042		45.6	5.32	6350	1140	0.93	21.8	1.03	315	29.9	13.5	8	7.91	291	7.51	13.80
K269044		1.74	7.46	138.5	1750	1.44	1.03	1.73	9.57	41.0	7.1	9	14.35	30.7	3.34	17.25





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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026545**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5
K863341		0.18	1.4	0.143	2.92	22.8	311	0.73	1110	2.96	0.05	8.6	2.7	590	339
K863342		0.17	1.2	0.065	1.82	24.2	520	0.67	1060	0.31	0.03	8.7	2.9	650	16.9
K863343		0.18	1.1	0.687	2.98	24.7	29.8	0.67	887	5.78	0.04	5.4	2.2	470	3930
K863345		0.16	1.3	0.055	3.23	23.1	93.0	0.69	822	4.69	0.55	8.5	2.6	620	122.5
G006295		1.04	0.6	6.71	0.42	6.9	6.7	0.85	389	39.5	0.02	1.8	56.7	390	>10000
K972025		0.13	1.3	0.048	2.39	19.7	73.6	0.77	730	1.13	0.19	8.7	2.3	590	64.7
K972026		0.23	1.1	0.777	3.40	21.0	13.3	0.51	1540	14.60	0.03	6.0	2.8	520	3670
K972027		0.10	1.2	0.050	2.70	17.3	61.0	0.64	767	0.34	0.32	8.5	1.6	620	45.7
K972028		0.12	1.0	0.303	2.77	16.8	24.4	0.58	2100	3.28	0.03	6.0	1.7	570	1600
K972029		0.11	1.2	0.057	2.27	15.4	81.4	0.43	813	0.47	0.16	8.2	1.3	580	63.3
K972030		0.13	1.2	0.184	3.26	18.3	26.7	0.71	1520	1.59	0.03	7.2	2.0	580	566
K972031		0.14	1.2	1.630	2.94	13.6	27.2	0.57	1270	0.47	0.04	8.3	2.5	600	724
K972044		0.14	1.7	0.058	2.64	26.2	13.5	0.62	516	0.43	1.49	8.4	2.0	650	23.3
K972045		0.14	1.6	0.953	2.71	12.8	15.1	1.40	2330	0.69	0.99	5.4	2.6	1190	3990
K972047		0.15	1.9	0.067	2.93	17.0	13.6	0.99	657	2.45	1.94	7.4	3.1	780	36.2
K269006		0.13	1.0	0.082	3.46	29.6	5.9	0.99	2150	0.64	0.05	5.9	1.3	580	426
K269008		0.22	0.5	4.02	1.86	10.9	6.5	0.78	1330	4.27	0.04	2.5	3.8	250	5720
K269010		0.13	1.0	0.138	3.15	41.9	19.9	0.79	1330	1.82	0.04	5.6	1.4	520	204
K269021		0.12	1.3	0.245	3.08	25.5	33.2	0.78	1380	1.56	0.04	7.8	1.3	540	601
G006296		0.13	0.6	13.80	2.26	15.0	9.8	0.68	601	36.8	2.51	7.4	10.9	830	9390
K269022		0.07	0.9	19.30	2.18	16.0	16.4	1.19	1740	4.21	0.02	5.0	1.0	340	>10000
K269023		<0.05	0.1	7.42	0.33	4.1	12.3	6.67	3180	5.00	0.01	0.9	<0.2	50	2910
K269024		0.07	0.8	3.70	1.83	16.6	39.5	1.09	2120	17.65	0.02	5.3	1.0	350	2080
K269026		0.12	1.1	0.315	2.90	20.3	88.3	1.10	1480	2.82	0.03	8.4	1.5	640	135.0
K269027		0.14	0.9	0.102	2.86	23.3	22.6	1.61	1500	2.74	0.03	7.5	1.1	530	44.3
K269028		0.12	1.0	3.23	2.62	21.3	25.5	1.17	2430	1.70	0.03	6.9	1.7	510	1240
K269029		0.10	1.2	0.074	2.36	19.0	107.5	0.72	1480	3.99	0.02	8.0	1.9	590	127.5
K269031		0.14	1.1	0.087	2.67	25.7	32.9	1.11	1660	6.39	0.03	7.6	2.0	570	48.8
K269032		<0.05	0.5	0.219	1.36	12.5	18.9	4.77	2940	4.08	0.02	3.6	<0.2	260	273
K269033		0.15	0.9	3.23	2.73	24.8	9.2	0.62	4430	2.09	0.02	6.6	2.2	480	1215
K269034		0.14	0.8	30.9	2.31	17.8	8.2	0.63	3420	1.32	0.02	5.7	1.5	380	>10000
K271640		0.09	<0.1	0.053	0.06	0.9	1.7	12.80	242	0.09	0.01	0.5	<0.2	190	29.7
K269035		0.13	1.3	0.111	2.88	20.5	34.5	0.77	839	1.56	1.40	9.0	1.7	620	72.8
K269041		0.13	1.1	4.57	2.34	24.0	106.0	0.96	1100	1.42	0.08	7.5	1.4	520	4810
K269042		0.15	0.9	5.58	2.37	15.9	13.9	0.52	1380	39.8	0.04	4.4	2.3	400	7330
K269044		0.12	1.2	0.136	2.86	22.1	58.3	0.77	1720	5.01	0.03	7.2	2.3	570	429



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026545**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K863341		<0.002	2.66	20.0	9.9	1	10.7	154.5	0.74	0.13	14.1	0.249	2.30	4.6	89	5.0
K863342		0.002	1.62	25.5	11.6	1	5.5	259	0.71	0.16	13.8	0.267	1.82	7.0	74	4.6
K863343		<0.002	4.62	41.0	8.1	2	8.0	56.8	0.44	0.17	13.4	0.167	2.67	4.3	54	4.6
K863345		<0.002	1.70	8.63	9.6	1	2.2	189.5	0.69	0.13	14.3	0.249	2.29	4.5	67	3.2
G006295		0.033	>10.0	273	2.4	221	106.5	39.7	0.10	0.82	1.2	0.042	32.7	4.1	58	1.9
K972025		<0.002	1.44	10.50	9.1	1	5.2	230	0.72	0.34	13.0	0.253	1.79	4.6	68	2.6
K972026		<0.002	8.33	49.7	8.5	2	9.4	53.0	0.52	0.30	13.0	0.191	3.24	3.4	63	8.1
K972027		<0.002	1.40	8.12	15.4	1	2.5	205	0.73	0.18	12.8	0.251	1.94	4.0	67	2.3
K972028		<0.002	5.32	23.5	13.7	2	7.8	160.0	0.49	0.25	9.3	0.198	2.81	3.0	65	7.0
K972029		<0.002	1.77	13.00	13.2	1	2.7	250	0.72	0.21	10.1	0.239	1.74	3.4	64	1.9
K972030		<0.002	3.88	14.70	14.6	2	10.2	174.5	0.64	0.32	11.4	0.219	3.28	3.3	66	4.5
K972031		<0.002	5.98	25.2	14.2	2	7.4	196.5	0.71	0.41	9.4	0.248	2.75	5.7	78	7.3
K972044		<0.002	0.84	3.57	10.1	2	1.8	324	0.68	0.22	11.2	0.255	1.30	3.3	62	0.9
K972045		<0.002	4.43	19.80	17.5	2	4.0	586	0.33	0.54	2.6	0.416	2.40	1.7	147	7.5
K972047		0.003	1.68	2.33	10.8	2	2.2	445	0.57	0.49	8.7	0.284	1.31	3.4	81	1.0
K269006		<0.002	1.18	6.19	11.8	1	2.3	54.6	0.53	0.18	11.3	0.191	2.99	3.5	64	2.6
K269008		<0.002	>10.0	183.5	4.7	4	3.4	39.7	0.20	0.84	4.2	0.077	1.43	1.3	36	2.8
K269010		<0.002	1.38	9.13	12.5	1	2.9	57.8	0.46	0.24	12.2	0.171	2.59	4.2	60	2.9
K269021		<0.002	1.01	16.45	12.3	1	3.1	74.6	0.71	0.06	12.3	0.219	2.54	6.1	60	2.6
G006296		0.020	1.67	147.0	9.3	4	346	683	0.44	0.17	4.9	0.221	3.59	1.0	78	18.2
K269022		<0.002	6.36	72.5	8.2	7	9.8	58.9	0.45	0.05	8.3	0.149	2.22	3.5	42	5.9
K269023		<0.002	1.19	79.0	2.1	2	1.1	275	0.07	<0.05	1.6	0.024	0.36	6.2	11	2.2
K269024		<0.002	1.88	92.0	9.6	2	6.2	139.5	0.44	<0.05	8.2	0.161	2.24	5.3	45	6.6
K269026		<0.002	0.65	16.60	15.2	1	2.3	214	0.68	0.05	10.4	0.265	2.89	5.3	75	6.6
K269027		<0.002	0.88	23.0	12.5	1	1.8	172.5	0.57	<0.05	10.8	0.223	2.76	5.3	62	6.1
K269028		<0.002	2.26	48.9	12.1	2	2.8	152.5	0.57	0.06	10.2	0.204	2.40	4.6	59	5.0
K269029		<0.002	0.41	25.0	12.8	1	2.2	144.5	0.70	<0.05	10.4	0.241	2.54	4.9	67	7.1
K269031		<0.002	0.74	41.2	13.2	1	2.7	190.5	0.62	<0.05	12.7	0.230	2.62	7.1	64	7.7
K269032		<0.002	0.86	19.75	6.3	1	3.1	255	0.27	<0.05	5.3	0.103	1.32	4.2	29	5.4
K269033		<0.002	2.62	55.8	11.6	2	11.6	37.0	0.53	0.13	10.3	0.196	2.83	3.9	56	12.2
K269034		<0.002	7.34	181.5	9.4	7	16.9	36.5	0.48	0.14	8.3	0.169	2.30	3.3	46	9.8
K271640		<0.002	0.04	0.86	0.6	1	0.2	48.9	<0.05	<0.05	0.2	0.006	0.03	0.6	4	0.2
K269035		<0.002	0.24	6.62	17.8	2	2.4	294	0.72	<0.05	11.3	0.287	1.64	4.6	90	4.8
K269041		<0.002	1.45	38.2	12.1	3	3.2	224	0.65	<0.05	11.5	0.221	1.65	5.7	63	4.6
K269042		<0.002	8.57	81.8	10.6	4	8.3	51.4	0.37	0.53	8.6	0.145	2.08	4.6	53	5.8
K269044		<0.002	1.82	19.20	13.2	1	3.2	182.0	0.63	0.15	11.9	0.218	2.78	5.0	66	3.8



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**CERTIFICATE OF ANALYSIS WH12026545**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K863341		13.5	509	37.8				
K863342		14.8	64	32.2				
K863343		11.2	2520	30.1				
K863345		13.4	120	37.8				
G006295		7.1	>10000	19.1	161	1.235	1.505	9.27
K972025		14.1	163	34.8				
K972026		11.4	4920	31.4				
K972027		16.1	82	35.2				
K972028		11.9	2190	27.9				
K972029		13.0	164	33.1				
K972030		14.6	1500	33.5				
K972031		13.4	6990	33.9				
K972044		16.5	84	52.2				
K972045		14.4	4950	59.0				
K972047		15.4	149	57.6				
K269006		12.5	805	27.7				
K269008		6.1	>10000	13.0				1.510
K269010		11.3	340	27.8				
K269021		13.9	1140	35.8				
G006296		12.3	7540	17.6	104			
K269022		9.8	>10000	23.8			1.870	6.20
K269023		10.9	9670	3.7				
K269024		10.5	6890	21.7				
K269026		16.5	482	30.9				
K269027		15.9	134	28.0				
K269028		13.8	6880	28.7				
K269029		14.6	247	31.7				
K269031		17.2	115	31.2				
K269032		9.5	324	15.3				
K269033		10.8	6090	25.9				
K269034		9.9	>10000	23.2	169		1.755	5.91
K271640		1.1	147	0.7				
K269035		19.5	213	35.3				
K269041		18.1	>10000	31.2				1.360
K269042		9.8	>10000	24.6				1.905
K269044		13.7	699	33.4				



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**CERTIFICATE OF ANALYSIS WH12026545**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026546**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026546**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K972686		0.40	6.90	25.9	1120	1.43	0.45	3.22	0.50	33.0	9.7	11	15.65	46.9	2.84	17.25
K972687		28.6	6.58	2340	670	1.04	9.75	0.28	142.0	21.4	9.5	8	15.10	3670	4.92	17.40
K972689		1.63	7.59	95.5	1070	1.35	1.09	1.20	5.57	38.7	8.7	9	17.30	28.4	3.80	16.75
K972720		0.26	6.89	26.5	2430	1.50	0.62	2.82	0.56	40.0	7.6	9	18.25	6.2	2.61	16.25
K972721		0.41	6.68	63.3	1760	1.35	0.44	2.64	0.96	36.8	10.0	10	21.1	4.5	4.50	15.90
G006297		>100	1.40	1165	290	0.29	52.9	1.69	505	12.60	27.7	30	0.80	>10000	16.55	17.75
K972722		0.38	6.93	74.3	1600	1.62	0.26	2.33	0.92	37.2	8.8	9	15.10	17.4	2.85	15.80
K972395		0.46	7.43	22.0	860	1.51	0.18	1.65	2.66	39.9	7.3	10	15.65	18.4	3.80	16.30
K972396		45.7	5.85	1090	1770	1.19	4.29	0.68	165.5	22.5	29.2	6	18.70	931	7.04	16.70
K972398		4.80	6.58	111.5	630	1.22	1.03	0.90	177.0	36.5	7.2	8	23.1	107.0	4.11	16.25
K972399		2.71	5.94	266	520	1.26	1.63	0.61	15.75	28.5	13.2	6	31.8	45.4	5.18	15.20
K972400		8.47	5.17	441	650	0.85	1.83	0.80	27.7	19.40	18.9	7	14.75	87.7	5.93	14.25
K972401		1.42	6.86	393	760	1.29	0.61	0.79	7.53	36.8	9.8	7	18.75	47.1	3.86	16.60
K972402		6.42	5.33	1225	1520	1.10	1.39	1.27	113.5	30.6	8.0	7	32.4	117.0	5.73	14.65
K972403		5.02	4.56	5380	400	0.84	0.89	1.08	116.5	30.4	5.1	7	13.80	108.0	4.33	14.65
G006298		>100	7.39	53.4	1070	1.32	1.70	2.54	57.9	22.1	14.5	24	2.58	5190	4.15	23.7
K972404		99.9	4.30	4400	660	0.95	29.7	0.86	609	21.6	12.3	6	20.0	2640	7.04	12.40
K972406		2.35	6.42	326	830	1.19	0.62	0.86	38.3	28.4	8.8	8	18.95	68.5	6.00	16.40
K972497		1.58	7.45	194.0	970	1.62	0.34	2.16	4.16	52.9	7.3	12	23.4	20.9	3.76	16.15
K972498		12.85	4.16	2500	490	0.96	1.19	5.12	72.2	26.5	4.6	9	8.23	81.1	5.24	9.91
K972499		0.22	7.42	24.7	1970	1.42	0.13	2.09	0.62	46.4	6.4	12	17.55	6.8	2.88	16.65
L828580		0.74	5.69	13.6	160	2.76	1.04	0.32	0.33	15.20	0.3	2	32.2	2.6	0.48	16.80
L828581		28.7	5.10	1170	1460	1.30	34.2	2.03	123.0	31.7	5.8	7	12.00	235	6.90	14.15
K271684		0.04	0.09	<5	20	0.09	0.17	20.1	0.17	1.16	1.4	1	0.24	2.2	0.45	0.48
L828582		5.52	7.37	117.0	1440	1.46	6.61	1.68	42.4	58.6	6.6	11	11.25	92.8	4.17	17.80
L828583		3.67	6.99	192.0	1040	1.32	1.34	1.49	50.2	40.6	3.6	9	12.35	53.9	5.48	16.60
L828584		1.45	7.41	27.1	1430	1.72	0.25	2.37	30.3	41.8	4.8	8	18.00	17.2	3.37	15.95
K972267		1.74	7.55	32.2	550	1.13	2.55	0.62	1.08	47.8	9.2	8	26.5	9.2	5.52	17.15
K972268		>100	5.57	268	1080	0.95	61.7	0.89	58.8	30.2	18.6	6	24.1	2150	3.33	13.45
K972269		6.06	6.53	83.8	530	1.03	2.76	0.67	6.26	43.8	14.8	8	23.5	215	5.13	15.45
K973251		1.42	7.11	138.5	1500	1.45	0.81	1.53	5.87	41.2	6.0	8	16.95	16.5	3.31	15.60
K973252		15.90	6.39	3220	850	1.28	3.13	0.91	78.3	43.6	5.4	7	12.85	454	5.05	15.35
K973253		0.23	7.18	17.0	2030	1.66	0.30	2.23	0.39	39.0	5.4	10	15.60	6.0	2.69	15.85
K973272		0.41	8.01	34.6	1770	1.40	0.58	1.19	0.87	52.3	7.5	9	19.20	8.6	3.35	16.15
K973273		20.7	5.51	4440	680	1.11	26.7	2.27	59.2	26.7	7.7	8	7.45	343	7.33	14.10
K973274		5.12	7.56	428	980	1.58	6.85	1.12	6.99	51.6	7.1	9	15.90	189.5	5.24	16.60



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026546**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K972686		0.12	1.4	0.067	2.93	16.8	44.3	0.55	2480	0.56	0.05	8.3	2.3	680	25.2	115.0
K972687		0.10	1.0	8.56	2.86	10.8	8.4	0.22	2250	1.34	0.02	6.9	1.9	500	3270	159.5
K972689		0.13	1.3	0.219	3.11	20.7	24.5	0.60	3110	0.90	0.03	7.8	2.3	610	340	173.0
K972720		0.13	1.7	0.050	2.79	20.6	30.3	0.74	1690	0.49	0.06	8.5	2.1	650	26.8	131.5
K972721		0.13	1.2	0.122	2.64	19.5	30.5	0.72	3560	0.51	0.05	7.1	2.1	530	64.2	129.5
G006297		1.02	0.6	7.50	0.42	7.2	7.5	0.81	384	33.0	0.02	1.7	53.1	390	>10000	16.9
K972722		0.08	1.2	0.051	2.81	19.3	41.0	0.72	2040	0.42	0.03	7.4	2.1	570	42.5	123.5
K972395		0.11	1.0	0.095	3.56	19.9	5.3	0.69	4450	0.45	0.04	7.8	2.7	610	150.0	170.5
K972396		0.13	0.8	7.85	2.43	10.7	16.2	0.48	14050	1.68	0.02	5.8	2.4	460	>10000	129.0
K972398		0.08	1.0	2.48	2.65	18.9	15.3	0.44	16100	1.14	0.02	6.7	1.9	520	600	156.0
K972399		0.11	1.1	0.501	2.32	14.6	23.2	0.37	11300	1.93	0.02	6.2	1.9	470	880	142.0
K972400		0.10	0.8	1.810	2.20	10.1	15.9	0.39	17750	2.58	0.02	5.5	2.3	390	4080	126.0
K972401		0.11	1.1	0.269	3.04	19.6	12.4	0.40	8740	1.01	0.03	7.2	1.9	510	345	172.5
K972402		0.10	0.8	1.810	2.06	16.0	19.7	0.57	28800	1.13	0.03	5.5	1.7	420	1195	134.0
K972403		0.08	0.7	2.41	2.03	16.9	22.8	0.45	37200	3.31	0.02	4.8	1.1	370	1335	124.5
G006298		0.11	0.6	14.70	2.47	10.3	11.2	0.67	710	44.8	2.79	7.9	12.1	910	>10000	55.5
K972404		0.12	0.7	22.3	1.75	10.6	20.4	0.42	17000	3.65	0.03	4.4	2.2	320	>10000	98.9
K972406		0.10	0.9	0.446	2.84	14.8	9.9	0.47	8480	0.78	0.04	6.6	2.0	500	470	171.5
K972497		0.11	1.1	0.290	2.88	28.9	17.7	0.84	3250	2.44	0.04	8.3	2.4	570	349	152.0
K972498		0.11	0.6	0.714	1.86	15.0	13.6	2.01	6890	2.50	0.02	4.2	0.5	280	2990	123.5
K972499		0.13	1.1	0.066	2.59	23.2	39.0	0.63	933	1.88	1.27	8.1	2.0	580	53.7	101.5
L828580		<0.05	2.6	0.051	2.18	6.8	33.2	0.14	402	2.86	0.05	14.7	0.3	30	64.7	167.0
L828581		0.17	0.8	2.57	2.19	16.8	14.9	0.81	4260	5.74	0.03	6.4	1.3	340	867	135.5
K271684		0.14	<0.1	0.007	0.03	0.5	1.3	12.50	227	0.19	0.01	0.4	<0.2	180	5.0	1.8
L828582		0.17	0.8	0.430	3.44	33.4	6.2	0.84	2120	1.88	0.04	6.4	2.7	550	1095	217
L828583		0.15	1.0	2.18	3.23	22.2	8.8	0.76	3680	1.79	0.03	7.1	2.2	500	840	201
L828584		0.13	1.0	0.823	3.37	22.0	64.9	0.81	2000	1.63	0.06	8.2	1.7	580	562	148.5
K972267		0.18	1.6	0.235	3.35	25.7	7.5	0.43	5470	1.44	0.03	7.8	2.7	580	243	204
K972268		0.10	1.2	0.694	2.33	15.5	16.2	0.36	7640	5.21	0.03	5.7	2.1	420	>10000	125.0
K972269		0.13	1.4	0.299	2.79	21.9	9.4	0.41	7020	2.11	0.04	6.8	3.2	500	345	158.5
K973251		0.13	1.2	0.169	2.88	21.3	41.5	0.55	1200	1.73	0.05	7.8	1.8	540	386	139.5
K973252		0.16	1.1	2.91	2.88	22.6	8.7	0.48	1640	7.03	0.02	6.9	2.0	500	3920	199.5
K973253		0.16	1.2	0.075	2.91	19.9	20.1	0.62	739	2.77	1.69	8.2	1.6	530	64.0	106.5
K973272		0.16	1.0	0.123	2.72	28.4	35.2	0.45	902	1.39	0.15	7.9	2.1	620	65.0	116.0
K973273		0.19	0.8	0.520	2.68	13.2	10.8	0.41	1060	4.36	0.03	5.6	1.6	460	1425	139.5
K973274		0.17	0.9	0.282	3.33	28.8	8.9	0.67	1740	2.11	0.03	7.0	2.5	600	510	191.5



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Finalized Date: 5-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026546**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K972686		<0.002	0.14	14.15	13.0	1	2.0	190.5	0.69	<0.05	9.7	0.263	2.10	3.9	73	2.5
K972687		<0.002	4.26	497	12.1	2	12.3	30.2	0.57	<0.05	10.4	0.226	2.08	2.0	66	2.8
K972689		<0.002	0.59	20.4	13.9	1	2.4	90.5	0.68	0.26	12.7	0.256	2.31	5.6	75	2.6
K972720		<0.002	0.24	11.45	11.6	1	1.6	210	0.72	<0.05	11.0	0.249	2.20	4.4	67	2.9
K972721		<0.002	0.92	12.60	12.8	1	1.8	204	0.59	<0.05	10.7	0.225	1.89	4.8	70	3.1
G006297		0.031	>10.0	258	3.6	236	113.5	41.8	0.10	0.98	0.9	0.041	31.3	3.4	57	1.8
K972722		<0.002	0.43	14.60	12.9	1	1.7	167.5	0.61	<0.05	11.4	0.240	2.43	6.6	72	1.8
K972395		<0.002	0.33	11.85	12.4	1	2.2	92.4	0.70	<0.05	11.6	0.268	2.39	3.3	76	3.3
K972396		<0.002	4.00	584	9.5	3	14.0	119.5	0.52	0.18	8.1	0.198	2.07	7.6	62	3.4
K972398		<0.002	1.73	51.3	10.7	3	12.2	107.0	0.61	0.08	12.1	0.228	2.06	2.6	64	4.5
K972399		<0.002	3.01	42.0	10.0	1	6.5	92.7	0.57	0.07	11.8	0.209	2.09	3.2	61	3.2
K972400		<0.002	3.64	46.5	8.4	1	10.2	54.4	0.49	0.08	9.4	0.177	1.81	1.9	50	2.9
K972401		<0.002	1.36	38.5	10.9	1	6.5	78.1	0.72	0.07	13.8	0.229	2.35	3.8	68	4.1
K972402		0.002	2.45	81.7	9.2	2	12.6	108.0	0.48	<0.05	9.5	0.184	1.69	3.5	55	4.0
K972403		<0.002	2.30	138.0	8.2	2	4.3	51.4	0.42	<0.05	8.7	0.169	1.97	3.1	49	5.5
G006298		0.023	1.81	160.0	7.8	5	363	731	0.51	0.18	4.5	0.242	4.15	1.1	86	21.6
K972404		<0.002	7.51	899	6.1	7	14.6	85.1	0.38	0.08	6.9	0.147	1.66	2.7	50	4.8
K972406		<0.002	3.14	42.8	10.8	1	5.3	86.7	0.56	0.06	11.2	0.219	2.17	2.5	67	5.1
K972497		<0.002	0.62	16.70	10.7	1	2.6	94.2	0.77	<0.05	16.0	0.233	2.54	6.9	64	4.8
K972498		<0.002	2.87	34.3	5.9	1	3.3	67.7	0.37	0.07	7.9	0.124	1.94	3.0	36	3.6
K972499		<0.002	0.14	8.11	10.7	1	1.9	264	0.73	<0.05	13.7	0.237	1.37	3.9	66	1.7
L828580		<0.002	0.04	20.4	2.6	1	3.5	40.3	2.40	<0.05	20.5	0.028	1.83	8.3	3	1.3
L828581		<0.002	7.49	59.6	7.0	2	7.5	60.1	0.59	0.71	8.6	0.145	2.36	5.6	41	7.9
K271684		<0.002	0.02	0.17	0.4	1	<0.2	44.7	<0.05	0.11	<0.2	<0.005	<0.02	0.6	3	0.1
L828582		<0.002	1.72	12.70	12.0	1	2.5	48.2	0.51	0.11	11.1	0.210	3.36	7.0	70	5.7
L828583		0.002	2.82	10.75	9.7	1	3.8	38.3	0.67	0.05	12.7	0.203	3.22	3.7	59	5.1
L828584		<0.002	0.41	5.57	10.4	1	2.3	149.0	0.77	<0.05	13.6	0.239	2.82	11.2	68	2.9
K972267		<0.002	0.63	23.6	10.8	1	1.8	70.8	0.75	<0.05	16.1	0.250	2.70	4.4	72	4.2
K972268		<0.002	2.32	599	7.1	2	2.1	76.7	0.50	0.06	9.5	0.187	1.64	4.9	50	2.5
K972269		<0.002	1.50	132.0	10.7	1	1.7	73.4	0.61	0.06	13.3	0.223	2.14	4.1	68	2.1
K973251		<0.002	1.59	14.75	10.0	1	3.1	98.1	0.71	0.10	14.2	0.218	2.46	5.7	61	5.1
K973252		<0.002	4.54	76.3	9.6	2	8.8	29.0	0.62	0.10	12.9	0.206	3.03	7.5	60	7.6
K973253		<0.002	0.10	4.36	10.0	1	1.8	299	0.76	0.06	14.0	0.230	1.56	5.2	64	2.0
K973272		<0.002	0.52	19.25	11.1	2	2.0	88.8	0.60	0.06	14.2	0.253	1.75	4.7	69	4.3
K973273		<0.002	7.68	50.3	7.9	2	5.4	47.7	0.43	1.33	6.6	0.185	2.47	6.7	54	7.7
K973274		<0.002	2.74	52.0	11.0	1	3.8	34.2	0.52	0.22	10.9	0.244	3.22	4.7	69	8.2





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**CERTIFICATE OF ANALYSIS WH12026546**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K972686		13.7	93	42.0				
K972687		7.0	>10000	26.4				1.095
K972689		14.4	700	33.0				
K972720		14.8	115	48.4				
K972721		14.8	180	30.6				
G006297		7.6	>10000	19.6	160	1.265	1.435	9.50
K972722		14.7	204	32.4				
K972395		15.2	388	28.2				
K972396		11.2	>10000	22.6			1.175	1.645
K972398		11.6	>10000	27.0				1.985
K972399		10.0	1550	26.3				
K972400		8.8	2490	21.3				
K972401		11.3	789	27.9				
K972402		12.2	>10000	23.3				1.115
K972403		9.5	>10000	19.3				1.365
G006298		11.0	8380	18.4	107		0.944	
K972404		10.1	>10000	18.6			1.850	6.07
K972406		11.2	4670	24.8				
K972497		16.2	472	28.5				
K972498		8.2	5160	14.6				
K972499		15.7	100	28.3				
L828580		10.9	58	44.6				
L828581		8.1	>10000	20.5				1.045
K271684		0.9	31	<0.5				
L828582		12.5	3050	22.9				
L828583		9.2	3760	26.1				
L828584		16.2	2240	28.1				
K972267		11.8	135	49.8				
K972268		8.2	6130	38.4	142		1.540	
K972269		10.0	390	43.6				
K973251		13.0	504	34.9				
K973252		9.6	5490	31.3				
K973253		15.3	71	37.0				
K973272		14.6	116	30.9				
K973273		9.5	3940	21.9				
K973274		10.0	642	27.7				



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Project: Klaza

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Total # Appendix Pages: 1  
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Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12026546**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Finalized Date: 6-MAR-2012  
Account: ROCKHA

**CERTIFICATE WH12026547**

Project: Klaza

P.O. No.:

This report is for 18 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026547**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K973275		12.80	6.18	4830	1410	1.21	16.20	0.50	7.38	53.3	6.2	11	8.40	685	7.60	17.50
K973277		0.42	7.62	114.0	2260	1.44	0.37	2.41	0.58	55.5	7.2	12	16.40	14.1	3.43	17.20
K973295		0.10	7.34	6.4	2240	1.41	0.14	2.64	0.18	44.7	6.2	10	11.75	12.4	2.92	17.50
K973296		13.85	7.03	565	1180	1.45	17.50	1.38	17.20	53.8	8.6	9	20.1	451	4.98	15.65
G006299		>100	7.57	52.4	1650	1.23	1.68	2.35	60.9	33.5	12.4	22	2.69	4780	4.04	21.9
K973298		0.15	7.43	11.9	2270	1.58	0.22	2.47	0.31	52.6	6.0	11	19.85	8.1	3.09	17.20
K973332		5.01	7.21	48.4	1280	1.62	0.76	2.11	7.30	51.3	7.3	11	18.70	88.0	3.39	15.55
K973333		8.13	5.34	1425	770	1.36	7.36	4.57	177.0	38.6	5.6	5	12.85	215	5.68	12.95
K973334		0.24	7.10	24.6	1580	1.61	0.12	2.65	0.81	48.5	6.1	8	17.95	5.3	2.78	17.15
K973339		4.87	5.57	495	1740	1.09	10.20	0.67	19.10	37.4	20.8	8	9.49	57.4	7.60	14.25
K271707		0.04	0.06	<5	20	0.06	0.02	20.7	0.17	1.22	1.2	<1	0.16	1.6	0.47	0.24
K973340		0.66	7.76	53.3	2960	1.56	1.07	1.57	2.96	56.3	7.1	9	18.15	21.9	3.75	19.40
K973341		80.9	3.99	5630	1190	1.10	111.0	0.63	32.7	43.8	8.0	7	11.85	1400	7.82	10.40
K973343		0.24	7.47	21.8	2120	1.63	0.34	2.22	0.51	50.3	7.0	9	16.60	17.3	3.16	17.60
G006300		>100	1.36	1160	290	0.30	62.4	1.71	524	13.25	29.4	31	0.77	>10000	17.60	17.85
K973351		0.48	7.45	24.5	2240	1.54	0.40	2.25	1.97	55.4	5.8	8	16.40	41.7	3.29	16.90
K973352		55.3	5.32	>10000	1070	1.13	93.3	1.69	22.1	39.9	6.0	7	9.61	783	8.58	13.60
K973354		0.23	7.56	47.8	1360	1.58	0.20	2.78	0.31	60.6	5.5	7	27.7	9.7	2.75	16.80



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026547**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K973275		0.23	0.9	0.571	2.85	27.2	7.4	0.36	655	2.31	0.03	5.9	2.8	490	562	151.5
K973277		0.15	1.0	0.083	2.85	28.8	16.3	0.82	681	1.81	1.91	8.0	2.8	670	52.1	116.0
K973295		0.15	1.3	0.047	2.55	22.1	14.9	0.79	568	1.53	2.42	8.4	2.9	630	19.5	89.9
K973296		0.18	1.1	0.644	3.01	28.5	20.4	0.57	718	1.25	0.55	7.1	2.9	550	606	153.0
G006299		0.17	0.6	14.20	2.32	17.0	12.4	0.70	606	40.6	2.65	7.2	12.9	840	9630	67.8
K973298		0.17	1.3	0.062	2.93	27.0	16.4	0.72	597	1.82	2.06	8.5	2.6	630	27.3	113.0
K973332		0.15	1.4	0.226	2.51	27.7	187.0	0.87	1560	3.06	0.05	7.4	2.5	550	203	131.0
K973333		0.19	1.0	3.66	2.41	21.1	12.7	1.86	3790	5.45	0.03	5.5	2.3	390	569	150.5
K973334		0.16	1.2	0.050	2.48	24.4	150.5	0.88	939	1.05	0.06	8.0	2.2	600	40.3	95.3
K973339		0.20	1.0	0.782	2.60	19.6	31.7	0.56	1000	8.81	0.03	5.3	2.4	410	706	169.5
K271707		0.06	<0.1	0.006	0.02	0.6	1.1	12.95	217	0.20	<0.01	0.3	0.6	190	4.8	1.2
K973340		0.17	1.4	0.181	2.32	30.4	149.0	0.72	1220	2.27	0.05	7.9	2.3	650	154.0	144.5
K973341		0.18	0.8	1.245	1.73	24.4	36.5	0.31	6000	8.33	0.02	3.7	2.4	250	2750	111.5
K973343		0.16	1.7	0.072	3.07	25.2	30.4	0.79	743	1.33	1.16	8.6	2.5	610	26.0	125.0
G006300		0.98	0.6	7.10	0.42	7.5	8.0	0.85	390	38.3	0.02	1.7	64.9	410	>10000	16.1
K973351		0.19	1.6	0.079	2.96	29.1	34.4	0.81	768	1.65	0.91	8.1	2.4	610	87.7	131.0
K973352		0.22	1.0	1.070	2.54	22.1	14.5	0.66	952	11.95	0.03	5.0	2.1	400	762	175.5
K973354		0.18	1.5	0.042	2.96	33.2	37.5	0.99	762	1.94	0.06	8.4	2.5	610	19.5	141.5



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026547**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K973275		0.002	7.04	75.3	9.1	2	6.4	28.3	0.44	0.97	8.2	0.210	2.49	2.5	57	10.9
K973277		0.002	0.44	3.86	11.4	2	2.3	326	0.57	<0.05	10.4	0.272	1.41	3.6	77	2.2
K973295		<0.002	0.02	1.92	10.7	1	1.7	402	0.66	0.05	10.4	0.263	1.03	3.0	73	1.2
K973296		0.002	3.08	11.10	10.0	2	4.4	130.5	0.56	0.30	11.4	0.229	2.19	4.5	64	5.0
G006299		0.022	1.71	163.0	7.4	5	356	678	0.44	0.13	5.2	0.230	3.77	1.2	78	20.8
K973298		<0.002	0.07	3.35	10.7	2	2.2	343	0.67	0.16	13.2	0.260	1.49	3.6	71	2.1
K973332		<0.002	0.48	48.2	9.4	1	2.4	135.5	0.63	0.06	13.7	0.224	2.17	4.5	62	17.3
K973333		<0.002	4.62	25.8	7.4	2	4.8	72.4	0.46	0.15	9.1	0.167	2.75	5.6	48	7.6
K973334		<0.002	0.20	9.30	10.6	1	1.8	168.5	0.64	<0.05	11.6	0.245	1.82	4.8	69	4.0
K973339		<0.002	5.56	41.3	8.0	2	4.5	34.2	0.45	1.04	9.8	0.174	2.36	9.7	55	6.4
K271707		<0.002	0.01	0.11	0.3	1	<0.2	46.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
K973340		<0.002	0.62	31.5	12.6	2	2.3	159.5	0.62	0.06	13.4	0.250	1.93	5.9	72	7.2
K973341		<0.002	7.50	125.0	5.1	2	7.8	60.6	0.34	0.49	10.3	0.115	1.89	10.4	35	5.4
K973343		0.002	0.18	5.53	10.5	2	2.0	228	0.76	0.05	13.5	0.248	1.62	4.3	68	3.4
G006300		0.035	>10.0	273	3.1	226	110.0	41.3	0.10	0.81	1.1	0.042	35.1	4.1	59	1.9
K973351		0.002	0.25	9.23	10.5	2	2.0	194.5	0.68	<0.05	13.2	0.244	1.70	4.4	67	2.6
K973352		0.002	7.82	207	7.4	2	9.8	49.8	0.41	0.34	8.9	0.155	2.32	5.4	48	5.7
K973354		0.002	0.27	6.25	11.0	2	1.8	141.5	0.69	<0.05	13.8	0.249	2.16	5.7	68	6.3



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026547**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K973275 K973277 K973295 K973296 G006299		10.1 16.3 16.0 13.5 11.2	520 80 44 1260 7530	25.6 29.4 36.2 30.1 16.0	104			
K973298 K973332 K973333 K973334 K973339		16.2 13.7 10.6 15.2 10.1	53 536 >10000 93 1300	36.2 39.0 28.8 35.4 28.3				1.165
K271707 K973340 K973341 K973343 G006300		0.8 16.6 8.5 16.9 7.3	24 254 2590 70 >10000	<0.5 38.8 21.1 48.4 18.3	160	1.230	1.490	9.18
K973351 K973352 K973354		15.9 10.6 17.5	226 1660 52	45.0 27.7 43.8				



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**CERTIFICATE OF ANALYSIS WH12026547**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12026548**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
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Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026548**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K269055		0.59	7.49	28.6	870	1.64	0.26	3.51	1.15	42.5	6.2	9	22.6	8.4	3.00	16.60
K269056		46.7	5.45	478	1470	1.34	11.35	0.85	83.6	30.4	20.5	7	15.60	175.5	6.78	12.80
K269058		0.46	7.56	32.7	2230	1.62	0.14	3.40	0.34	52.2	6.2	8	22.3	11.0	2.79	17.00
K269062		0.34	7.48	22.8	1720	1.63	0.37	2.70	0.82	41.9	7.1	9	17.80	32.5	2.99	17.05
K269064		51.2	6.80	2680	1280	1.48	10.45	1.61	72.4	45.0	6.6	9	13.90	470	5.26	15.35
K269065		0.54	7.45	61.2	2050	1.47	0.57	2.65	0.85	47.2	8.3	9	16.00	7.5	2.93	16.45
G0557542		>100	7.96	43.5	1540	1.38	1.86	2.45	54.9	30.1	13.8	22	2.45	4640	3.92	23.1
K269074		1.64	7.50	18.0	2150	1.59	0.66	2.52	11.65	44.4	7.6	12	12.05	19.8	3.43	17.20
K269075		31.5	5.27	>10000	200	1.08	43.3	1.54	486	27.4	10.8	9	10.25	899	9.90	12.80
K269076		0.54	7.34	43.3	1950	1.51	0.65	2.27	2.27	48.5	7.4	9	19.55	10.0	3.01	16.45
K269077		0.32	7.54	30.2	1860	1.49	0.75	2.36	1.41	43.5	8.1	9	13.45	13.6	3.05	17.55
L828885		0.90	8.01	47.4	1080	2.04	0.80	2.42	3.85	67.1	7.6	24	16.25	26.6	3.04	20.2
L828886		>100	6.16	2700	1380	1.85	50.6	1.26	210	40.3	8.3	8	22.5	1245	5.27	15.95
L828887		3.39	7.61	158.5	1390	1.62	0.70	1.93	4.01	54.0	6.4	8	22.1	10.1	4.47	17.50
L828888		1.87	6.95	99.4	1230	1.45	1.63	1.11	4.83	42.1	10.8	8	12.00	8.8	7.69	16.20
K271746		0.03	0.10	<5	30	0.07	0.04	21.3	0.10	1.41	1.2	1	0.23	2.2	0.43	0.34
L828889		49.7	3.84	593	550	0.81	55.1	0.49	36.9	17.80	31.6	11	5.03	254	11.05	10.60
L828890		0.35	7.86	9.9	890	2.01	0.25	3.39	0.22	50.2	7.0	11	25.4	7.7	2.61	19.65
L828908		0.41	7.39	12.6	1960	1.69	0.54	2.72	0.58	42.4	8.1	22	21.3	7.0	3.04	16.65
L828909		33.8	5.01	2510	470	1.05	34.4	1.37	182.5	33.7	5.7	21	9.99	516	5.82	11.80
L828910		0.27	6.98	16.7	990	1.26	0.36	1.76	0.53	46.4	6.8	21	17.25	11.9	2.74	15.70
L828947		9.46	6.83	1395	4740	1.49	8.88	1.50	12.20	43.4	8.3	7	16.70	36.6	4.13	16.00
L828949		21.9	6.28	3190	1070	1.47	6.46	1.18	40.2	39.6	7.5	8	11.85	82.1	5.90	16.35
L828950		0.33	7.61	30.8	1980	1.54	0.32	2.47	0.70	40.9	7.8	8	23.0	17.3	2.86	17.90
K973399		0.24	7.23	22.4	2040	1.56	0.12	2.80	0.34	40.2	7.0	12	15.40	5.7	2.96	16.65
K973400		76.5	5.14	252	650	1.18	0.89	6.38	257	42.9	7.9	6	14.65	157.0	4.36	11.20
G0557543		>100	1.39	946	260	0.30	60.1	1.84	516	12.45	27.8	32	0.75	>10000	17.30	18.25
K973402		0.31	7.77	9.5	2060	1.71	0.14	2.76	0.65	46.6	8.1	10	13.20	18.0	3.21	18.00
K973413		0.52	7.93	30.5	1120	1.65	0.24	2.59	0.84	51.2	7.1	10	24.7	4.5	2.70	17.55
K973414		36.0	6.43	283	400	1.35	11.00	2.05	42.5	35.9	48.9	9	14.75	171.5	6.50	14.85
K973416		0.95	7.17	10.4	2100	1.52	0.34	2.71	0.69	45.0	8.7	10	13.10	7.7	3.21	16.70
K973425		0.27	7.00	5.2	2190	1.53	0.14	2.66	0.24	43.7	7.3	13	10.05	7.6	3.10	16.95
K973426		14.00	6.50	1905	1660	1.51	2.59	2.51	127.5	46.4	6.9	8	21.1	186.0	3.31	16.10
K973427		0.42	6.99	60.2	2110	1.52	0.18	2.44	2.49	50.6	7.4	14	11.30	14.1	3.32	17.25
K973436		0.86	7.10	7.6	2100	1.59	0.16	2.65	0.33	48.9	7.4	11	10.00	11.0	3.08	17.25
K973437		64.5	5.59	1070	2880	1.49	37.8	1.86	95.3	40.0	35.4	7	14.25	371	6.32	13.25



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026548**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K269055		0.08	3.3	0.052	3.26	20.6	38.3	1.07	701	1.01	0.07	8.9	4.1	780	47.6	100.5
K269056		0.11	1.3	2.13	2.28	14.3	51.7	0.44	2090	7.40	0.04	5.4	2.7	420	2810	140.5
K269058		0.10	3.4	0.070	2.64	24.7	227	1.12	761	1.20	0.06	9.0	4.4	750	24.0	113.5
K269062		0.14	1.3	0.051	3.07	20.0	69.4	0.63	1080	1.37	1.03	7.8	2.2	570	70.9	117.0
K269064		0.17	1.3	1.810	2.83	23.5	15.6	0.66	3560	1.04	0.02	6.9	2.6	500	>10000	177.0
K269065		0.15	1.2	0.060	3.10	24.3	15.4	0.87	2140	1.04	0.02	7.6	2.2	540	42.2	179.0
G0557542		0.18	0.6	12.75	2.26	15.0	11.6	0.71	601	40.2	2.59	7.4	11.4	830	9340	73.0
K269074		0.16	1.4	0.126	2.80	21.8	24.2	0.78	850	1.39	1.75	8.3	2.5	620	680	119.0
K269075		0.24	1.0	20.2	2.53	12.6	14.5	0.50	2400	1.75	0.11	5.5	1.6	390	1305	144.5
K269076		0.15	1.2	0.080	2.82	26.1	115.5	0.76	1200	1.07	0.14	7.4	2.2	500	72.6	150.0
K269077		0.18	1.3	0.101	2.84	21.7	64.7	0.91	641	1.33	0.83	7.3	2.4	550	28.9	136.0
L828885		0.20	4.6	0.132	2.64	33.4	360	1.07	676	1.40	0.05	11.9	7.6	1350	43.9	101.0
L828886		0.18	2.4	4.00	1.84	20.2	61.4	0.62	1520	2.50	0.08	7.7	3.6	540	>10000	102.5
L828887		0.19	1.2	0.107	3.13	28.7	20.7	0.93	1510	2.03	0.03	7.6	2.2	590	231	188.5
L828888		0.23	1.0	0.122	3.08	21.7	26.5	0.87	2190	2.02	0.03	4.8	2.2	530	259	187.0
K271746		0.10	<0.1	<0.005	0.03	0.6	1.4	13.20	190	0.07	0.01	0.4	1.8	200	2.7	1.9
L828889		0.27	0.8	1.395	1.66	9.1	26.4	0.32	1140	4.88	0.02	3.3	3.2	290	479	108.0
L828890		0.17	3.7	0.036	3.00	25.1	146.5	1.11	793	0.98	0.05	10.9	4.1	750	17.8	131.5
L828908		0.16	1.2	0.051	2.71	20.8	84.5	0.65	745	3.01	1.43	8.3	2.3	570	26.6	118.0
L828909		0.18	0.7	3.95	2.15	16.9	22.7	0.52	2100	8.08	0.02	4.6	1.5	350	4470	134.5
L828910		0.16	1.1	0.046	2.49	24.4	129.5	0.62	677	5.54	0.04	7.3	2.4	530	28.9	125.5
L828947		0.17	1.1	0.223	2.82	20.6	20.1	0.56	2420	2.03	<0.01	6.0	2.1	470	1700	175.0
L828949		0.20	1.0	0.678	2.72	20.4	17.9	0.50	2360	6.34	0.02	6.3	2.4	460	4920	173.0
L828950		0.17	1.3	0.061	2.77	19.3	214	0.70	854	0.65	0.25	8.7	2.2	620	53.4	103.5
K973399		0.18	1.4	0.043	2.89	19.2	15.3	0.65	908	1.49	1.64	8.4	2.4	560	39.7	113.0
K973400		0.17	0.9	0.927	2.42	24.5	24.6	1.05	3810	1.50	0.04	5.4	1.6	380	>10000	152.5
G0557543		1.13	0.7	7.01	0.41	6.8	8.0	0.85	393	39.1	0.02	1.8	52.5	390	>10000	17.1
K973402		0.15	1.5	0.054	2.72	22.3	16.4	0.69	766	1.31	1.75	8.9	2.7	710	48.3	108.0
K973413		0.15	1.2	0.048	3.02	26.0	63.5	0.84	884	0.82	0.07	8.6	2.2	600	65.5	139.5
K973414		0.18	1.0	0.702	3.10	18.5	29.6	0.63	1130	0.70	0.09	7.1	3.1	510	9460	146.0
K973416		0.14	1.2	0.045	2.93	22.7	10.9	0.79	671	1.01	1.91	8.3	2.3	630	260	111.5
K973425		0.14	1.2	0.057	2.85	21.8	11.1	0.70	698	0.91	2.18	8.7	2.8	580	55.2	111.0
K973426		0.14	1.0	2.76	3.28	24.9	24.6	0.68	2350	0.53	0.46	7.8	2.1	510	2350	160.0
K973427		0.13	1.2	0.079	2.74	26.5	15.5	0.79	726	1.12	2.15	8.7	2.8	560	79.5	119.0
K973436		0.16	1.2	0.072	2.70	25.5	14.1	0.76	664	4.97	2.04	8.4	2.6	570	24.2	114.5
K973437		0.23	0.9	8.11	2.64	21.8	24.7	0.61	1940	1.64	0.24	6.1	2.3	420	>10000	151.5



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026548**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K269055		<0.002	0.22	13.40	6.6	1	1.5	378	0.72	0.12	7.5	0.292	2.11	5.0	73	3.7
K269056		<0.002	6.08	39.3	6.9	1	5.6	114.0	0.46	0.39	7.9	0.174	2.16	3.5	50	5.1
K269058		0.004	0.33	7.06	7.1	1	2.1	410	0.82	0.10	9.2	0.280	2.38	5.5	69	5.8
K269062		<0.002	0.45	5.30	9.2	1	2.0	261	0.66	0.24	11.6	0.249	2.22	4.2	68	3.4
K269064		<0.002	3.40	78.1	9.4	1	4.9	120.0	0.56	0.10	12.5	0.227	2.91	4.3	58	5.5
K269065		<0.002	1.40	7.90	10.7	1	1.8	150.5	0.60	0.10	13.2	0.239	3.27	5.5	63	5.9
G0557542		0.018	1.57	154.0	7.9	4	389	704	0.41	0.10	5.2	0.242	3.40	1.2	76	18.1
K269074		<0.002	0.84	2.70	11.4	1	2.4	738	0.69	0.19	13.3	0.260	1.67	4.4	69	3.0
K269075		<0.002	>10.0	90.6	7.5	5	3.5	82.8	0.45	0.67	8.8	0.176	2.25	4.0	47	3.3
K269076		<0.002	1.32	14.30	10.5	1	2.5	197.5	0.61	0.15	14.0	0.236	2.37	4.7	62	3.8
K269077		<0.002	1.41	5.85	10.2	1	1.8	280	0.58	0.14	12.2	0.227	1.80	4.5	62	3.2
L828885		<0.002	0.17	22.6	7.2	1	2.3	634	0.74	<0.05	9.1	0.371	1.33	3.5	66	2.6
L828886		<0.002	4.81	466	7.5	2	13.3	401	0.59	0.24	8.3	0.233	1.65	4.7	53	4.3
L828887		<0.002	1.51	11.55	11.8	1	3.5	162.0	0.60	0.19	13.7	0.248	2.90	4.8	66	5.8
L828888		<0.002	4.25	9.74	9.8	1	4.9	73.5	0.39	0.23	12.8	0.175	2.55	4.1	57	8.1
K271746		<0.002	0.02	0.14	0.3	1	<0.2	52.1	<0.05	<0.05	<0.2	0.014	<0.02	0.7	1	0.1
L828889		<0.002	>10.0	65.2	5.6	2	6.8	48.4	0.25	0.74	5.2	0.110	1.30	3.6	43	3.7
L828890		<0.002	0.10	18.20	8.1	1	1.4	431	0.80	<0.05	9.8	0.305	2.10	5.7	68	3.4
L828908		<0.002	0.77	7.68	10.6	1	1.6	315	0.71	<0.05	12.7	0.254	1.41	4.6	66	1.6
L828909		0.002	5.87	47.0	7.5	2	8.4	50.7	0.35	0.28	9.4	0.146	2.09	8.8	43	3.6
L828910		0.002	1.12	27.3	10.3	1	2.3	169.5	0.61	0.08	12.9	0.235	1.74	10.7	65	4.4
L828947		<0.002	3.79	24.9	9.8	1	4.1	139.0	0.52	0.20	12.3	0.200	2.92	5.6	57	4.4
L828949		<0.002	5.30	56.3	9.2	1	6.2	61.7	0.51	0.23	11.1	0.210	2.66	4.9	56	6.2
L828950		<0.002	0.35	13.70	10.5	1	2.0	240	0.67	0.06	11.9	0.272	1.73	3.3	70	2.7
K973399		<0.002	0.08	4.12	10.1	1	1.6	306	0.69	<0.05	11.3	0.257	1.51	4.1	66	1.7
K973400		<0.002	3.53	80.8	7.6	2	2.6	160.0	0.45	0.05	8.9	0.173	2.12	5.6	47	2.3
G0557543		0.031	>10.0	268	2.8	232	115.5	43.9	0.10	0.86	1.1	0.053	32.6	4.1	58	1.8
K973402		<0.002	0.09	8.98	11.7	1	1.9	290	0.75	<0.05	13.0	0.285	1.30	4.6	80	2.6
K973413		<0.002	0.32	11.85	11.2	1	1.7	173.0	0.70	0.06	14.4	0.266	2.04	5.0	68	3.3
K973414		<0.002	5.31	37.9	10.3	2	2.0	89.7	0.59	3.13	11.9	0.215	2.20	4.3	62	6.0
K973416		<0.002	0.31	3.68	11.6	1	1.7	329	0.67	0.13	11.7	0.272	1.47	3.7	77	1.7
K973425		<0.002	0.04	2.09	10.7	1	1.7	349	0.75	0.06	12.2	0.251	1.30	4.4	68	1.4
K973426		<0.002	1.48	39.5	10.5	1	2.4	140.0	0.65	0.10	13.2	0.218	2.52	5.1	59	2.7
K973427		<0.002	0.21	3.42	11.4	1	1.8	347	0.72	0.06	14.1	0.247	1.19	4.6	66	1.7
K973436		<0.002	0.09	2.10	11.5	<1	1.8	319	0.70	0.08	13.1	0.251	1.28	4.5	68	9.6
K973437		<0.002	5.53	55.3	9.0	2	2.7	107.0	0.49	0.63	10.7	0.181	2.17	5.5	52	3.3



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**CERTIFICATE OF ANALYSIS WH12026548**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K269055		12.6	146	123.0				
K269056		9.7	6170	44.9				
K269058		13.6	78	125.0				
K269062		14.2	97	34.9				
K269064		12.0	5230	33.4			1.160	
K269065		14.0	98	31.7				
G0557542		11.5	7510	14.9	105			
K269074		16.2	1350	34.0				
K269075		10.3	>10000	24.2				5.18
K269076		13.8	226	30.9				
K269077		13.8	166	33.7				
L828885		11.7	315	172.5				
L828886		11.8	>10000	76.3	226		1.050	1.485
L828887		14.3	353	28.4				
L828888		9.8	412	24.0				
K271746		0.9	19	<0.5				
L828889		7.1	2470	23.7				
L828890		14.8	66	126.0				
L828908		15.4	79	28.9				
L828909		9.1	>10000	17.5				1.215
L828910		14.5	70	25.4				
L828947		11.1	866	26.0				
L828949		10.0	2630	24.6				
L828950		14.8	84	31.5				
K973399		15.0	61	33.8				
K973400		12.9	>10000	21.0			2.48	1.725
G0557543		7.4	>10000	18.0	159	1.295	1.525	9.45
K973402		17.7	135	35.6				
K973413		15.9	115	29.4				
K973414		12.1	2780	27.8				
K973416		15.3	81	34.2				
K973425		15.2	53	32.9				
K973426		14.5	8530	28.9				
K973427		17.3	248	34.0				
K973436		16.8	57	34.3				
K973437		13.0	9100	24.6			1.935	



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**CERTIFICATE OF ANALYSIS WH12026548**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Finalized Date: 6-MAR-2012  
Account: ROCKHA

**CERTIFICATE WH12026549**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026549**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K269078		54.2	6.22	218	510	1.41	48.3	1.63	148.0	44.8	7.0	6	18.10	803	4.94	15.10
K269080		0.31	7.55	24.1	2300	1.38	0.55	2.54	1.27	50.3	7.6	9	20.6	30.4	2.96	17.60
K269088		0.18	7.61	12.8	2840	1.58	0.31	2.47	0.41	49.2	7.5	9	21.5	25.1	2.96	18.15
K269089		19.85	6.81	1400	640	1.63	9.42	2.23	75.3	45.9	7.2	7	21.0	247	4.75	16.50
K269091		5.03	7.65	1055	2090	1.56	4.71	2.70	37.1	50.2	7.7	9	15.70	113.5	3.43	17.50
K269108		0.26	7.86	66.8	1230	2.33	0.28	2.72	0.57	56.5	7.6	23	37.2	21.4	2.40	22.5
K269109		23.2	5.48	>10000	590	1.20	0.76	0.81	197.0	27.1	6.3	8	11.25	83.1	5.82	13.05
K269110		3.55	7.38	909	410	1.54	0.80	1.72	12.30	52.9	8.2	7	19.10	18.8	3.43	17.80
G0557544		>100	1.47	1210	140	0.26	62.6	1.90	542	12.70	32.1	31	0.86	>10000	18.25	18.55
K269111		0.54	7.52	31.7	3320	1.49	0.42	2.64	1.45	48.9	7.9	10	19.00	36.1	3.01	17.90
L828717		0.40	7.55	104.0	1930	2.17	1.39	1.47	2.74	45.7	5.5	7	29.7	9.8	2.66	17.75
L828718		8.01	5.93	729	260	1.42	0.99	4.01	114.0	40.5	5.8	4	19.40	110.5	5.26	14.00
L828720		1.03	6.73	129.5	1380	1.47	0.08	2.60	4.41	44.4	6.6	7	23.5	14.6	2.85	16.00
L828761		1.84	7.58	27.5	2120	1.47	0.21	2.68	19.35	48.2	9.7	11	12.95	12.8	3.10	17.25
L828762		58.3	6.48	2510	280	1.57	37.4	2.79	161.5	45.3	7.8	7	21.3	519	5.75	14.90
L828763		0.30	7.57	22.4	2070	1.61	0.16	2.64	0.78	46.6	6.3	10	18.60	9.0	2.97	18.05
L828823		0.23	7.59	11.7	2240	1.63	0.21	2.54	1.18	50.5	8.1	11	11.95	8.0	3.21	17.95
L828824		>100	6.30	1620	270	1.49	11.25	2.66	96.0	42.3	8.1	7	15.20	274	4.93	14.95
L828826		0.33	7.44	18.1	2140	1.61	0.10	2.65	0.23	49.2	7.3	10	19.95	6.8	3.06	17.55
G0557545		>100	7.84	56.8	1590	1.41	1.42	2.50	60.9	30.3	14.6	21	2.78	4890	4.03	22.6
L828839		0.14	6.94	14.2	2140	1.64	0.34	2.71	0.15	38.9	7.5	12	10.65	7.2	2.92	15.60
L828840		13.25	6.89	174.5	1010	1.83	6.31	2.21	68.0	47.8	5.4	7	20.4	58.8	4.20	16.20
L828841		0.34	7.24	15.1	2160	1.87	0.39	2.87	0.35	42.9	9.2	10	13.45	9.3	3.18	17.00
L828848		0.19	7.39	17.3	2070	1.97	0.19	2.67	1.06	46.7	6.7	10	13.90	12.9	3.01	16.75
L828849		3.10	7.01	1650	450	1.94	0.74	3.19	50.0	46.8	5.9	7	23.0	30.1	4.06	15.15
L828850		0.20	7.61	19.2	1990	1.54	0.17	2.29	0.38	41.3	7.0	7	15.35	12.3	3.87	16.25
K269119		0.04	0.10	32	30	0.05	0.04	22.2	0.11	1.19	0.9	3	0.34	3.4	0.51	0.27
L828851		1.30	7.19	436	1610	1.69	0.67	2.98	13.55	53.9	6.9	7	24.2	23.5	3.37	16.70
L828852		0.50	7.52	33.0	2610	1.39	0.23	1.98	7.20	51.4	6.9	5	26.9	17.5	3.05	16.65
L828853		9.39	5.73	1400	1020	1.18	4.70	2.75	70.9	42.5	10.1	4	12.45	108.0	4.75	13.20
L828854		0.23	6.73	12.2	2190	1.45	0.95	2.90	0.26	43.2	6.4	7	9.91	4.0	2.51	16.85
L828861		0.67	6.77	211	1000	1.58	0.14	2.74	0.57	46.0	6.5	5	23.9	87.2	2.89	15.70
L828862		11.10	6.73	1775	750	1.61	13.55	2.01	40.6	50.0	7.4	6	21.5	134.5	4.71	15.00
L828864		0.15	7.60	9.4	2170	1.48	0.32	1.96	0.21	54.8	11.0	6	15.60	15.3	3.01	17.25
L828883		0.27	7.73	19.6	1160	1.97	0.18	1.62	0.39	73.9	6.1	14	22.1	10.6	2.56	20.4
L828884		49.2	3.37	4580	580	0.91	38.3	1.49	406	23.6	6.4	5	15.30	869	8.14	8.12





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 Plus Appendix Pages  
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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026549**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5
K269078		0.21	1.0	4.03	2.75	24.1	31.5	0.75	2440	3.92	0.03	6.6	2.3	450	>10000
K269080		0.22	1.2	0.077	2.90	25.7	22.9	0.77	691	1.31	1.72	8.8	2.5	590	42.0
K269088		0.24	1.4	0.051	3.03	24.0	52.6	0.73	853	7.93	1.79	9.3	2.9	590	31.5
K269089		0.25	1.3	1.235	2.59	23.5	240	0.76	3020	7.94	0.03	7.8	2.4	550	5690
K269091		0.24	1.3	0.533	3.04	25.0	21.7	0.73	764	1.22	1.80	8.9	2.5	590	445
K269108		0.26	3.7	0.036	2.86	27.3	112.5	0.98	589	1.27	0.06	11.3	18.7	820	22.3
K269109		0.23	0.9	1.025	2.43	12.2	23.3	0.34	1400	1.40	0.02	5.8	2.6	390	8630
K269110		0.21	1.3	0.200	3.34	27.3	18.2	0.67	2300	2.80	0.03	8.7	2.6	570	1535
G0557544		1.08	0.6	7.73	0.45	6.9	6.8	0.90	415	40.4	0.02	2.0	61.6	420	>10000
K269111		0.21	1.4	0.060	3.63	24.6	39.7	0.67	941	1.26	0.85	8.4	2.7	570	93.7
L828717		0.22	1.4	0.090	3.71	22.2	37.4	0.36	1100	1.35	0.10	9.5	2.2	590	82.0
L828718		0.22	1.1	0.331	2.65	21.2	15.8	1.08	4660	6.84	0.03	7.0	1.7	450	758
L828720		0.20	1.2	0.050	2.88	22.3	21.6	0.81	1360	2.42	0.04	8.0	2.5	520	70.0
L828761		0.25	1.4	0.113	3.16	25.2	14.3	0.83	950	1.01	1.41	8.6	3.1	580	771
L828762		0.25	1.1	2.73	2.80	24.2	19.8	0.95	1990	2.44	0.03	7.1	2.2	480	>10000
L828763		0.24	1.5	0.064	3.03	22.6	11.3	0.69	776	1.32	1.79	9.1	2.8	600	82.1
L828823		0.28	1.4	0.061	3.00	24.6	16.1	0.85	709	1.03	2.17	8.9	3.0	600	48.2
L828824		0.26	1.0	3.32	2.98	21.9	18.2	0.91	3720	1.60	0.05	7.1	2.3	490	>10000
L828826		0.25	1.3	0.043	3.28	23.8	27.3	0.71	596	0.91	1.64	8.8	2.8	590	28.1
G0557545		0.26	0.6	14.40	2.37	15.2	13.5	0.72	609	40.6	2.63	7.8	13.2	860	9680
L828839		0.08	1.2	0.041	2.84	19.3	10.4	0.48	517	0.90	1.96	7.9	2.5	590	18.0
L828840		0.09	1.3	2.03	3.20	25.7	42.9	0.65	2550	5.15	0.41	7.5	2.6	510	3080
L828841		0.10	1.3	0.051	2.89	22.7	13.7	0.54	594	1.30	1.71	8.4	2.8	560	33.7
L828848		0.09	1.6	0.050	2.91	23.6	18.8	0.68	684	2.41	1.99	8.9	2.5	550	41.0
L828849		0.09	1.4	0.865	2.99	25.0	18.1	1.14	3990	2.73	0.07	7.5	2.5	520	136.5
L828850		0.09	1.5	0.049	3.17	20.3	70.8	0.70	1220	2.47	0.11	8.5	2.4	600	40.8
K269119		0.06	<0.1	0.010	0.04	0.6	1.3	13.10	227	0.06	0.01	0.2	4.0	190	7.0
L828851		0.10	1.4	0.297	2.93	29.6	27.2	1.01	2200	2.86	0.03	8.0	2.5	520	110.5
L828852		0.14	1.4	0.251	2.88	27.4	15.0	0.77	946	2.19	0.03	7.9	2.4	550	122.5
L828853		0.15	1.0	3.53	2.39	22.7	23.5	0.93	2260	3.16	0.02	5.7	2.2	410	1465
L828854		0.14	1.0	0.058	2.33	20.7	94.0	0.80	685	0.19	0.86	7.3	1.8	560	14.2
L828861		0.15	1.0	0.101	2.75	23.6	37.0	0.90	1280	1.48	0.03	7.2	2.3	550	22.4
L828862		0.17	1.0	0.775	2.64	27.6	64.4	0.77	1860	4.32	0.03	6.8	2.3	510	478
L828864		0.15	1.4	0.054	2.94	28.4	36.3	0.77	586	1.35	0.67	8.4	2.4	600	23.1
L828883		0.18	4.4	0.032	2.55	39.3	233	0.76	566	3.21	0.04	10.9	5.4	1130	27.3
L828884		0.18	1.0	11.30	1.08	11.8	51.1	0.60	1240	29.4	0.02	3.7	2.8	320	1840



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**CERTIFICATE OF ANALYSIS WH12026549**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K269078		<0.002	3.17	179.5	9.4	2	5.1	112.0	0.52	0.24	12.1	0.195	2.85	4.4	54	6.8
K269080		<0.002	0.79	4.37	12.0	2	2.1	380	0.68	0.16	14.3	0.254	1.65	4.5	70	1.9
K269088		<0.002	0.57	5.31	11.9	2	1.9	361	0.76	0.13	14.0	0.252	1.79	4.7	69	2.0
K269089		<0.002	3.05	49.9	12.0	2	5.3	160.5	0.65	0.13	12.7	0.227	2.69	7.2	69	6.3
K269091		<0.002	1.03	7.02	12.0	2	2.7	339	0.73	0.08	13.9	0.247	1.54	4.7	70	3.1
K269108		<0.002	0.13	14.50	7.7	2	2.6	558	0.86	0.18	10.7	0.296	2.68	5.3	56	2.5
K269109		<0.002	5.42	120.5	8.3	2	7.5	123.5	0.49	0.12	8.5	0.174	2.69	3.1	48	6.3
K269110		<0.002	2.29	27.3	12.2	2	3.0	118.0	0.71	0.16	14.7	0.245	3.57	5.1	71	6.7
G0557544		0.035	>10.0	283	2.9	242	118.5	43.5	0.10	0.86	1.1	0.043	36.2	4.1	62	1.9
K269111		<0.002	0.82	6.92	11.5	2	2.1	325	0.67	0.12	14.2	0.236	2.49	4.3	65	2.3
L828717		<0.002	0.16	13.25	12.0	2	2.6	137.0	0.75	<0.05	13.2	0.252	2.29	3.4	70	3.2
L828718		<0.002	3.21	23.8	9.0	2	2.8	96.1	0.57	0.05	9.8	0.186	2.66	4.0	55	4.1
L828720		<0.002	0.57	10.50	10.8	1	1.8	91.9	0.65	<0.05	11.6	0.225	2.89	3.7	64	5.5
L828761		<0.002	0.38	7.87	12.0	2	2.0	232	0.70	0.19	14.1	0.242	1.84	4.9	67	2.0
L828762		<0.002	4.85	95.2	10.1	3	3.5	96.0	0.57	0.28	11.9	0.204	2.86	4.1	57	4.5
L828763		<0.002	0.13	4.93	12.0	2	2.0	290	0.73	0.06	13.3	0.250	1.58	4.6	69	3.0
L828823		<0.002	0.09	2.35	12.3	2	1.8	369	0.70	0.07	13.0	0.254	1.33	4.1	73	1.3
L828824		<0.002	3.52	147.5	10.0	2	3.7	90.9	0.55	0.11	11.3	0.203	2.96	3.8	57	4.3
L828826		<0.002	0.26	4.70	12.2	2	1.9	305	0.71	0.11	13.2	0.251	1.97	4.1	69	2.2
G0557545		0.020	1.73	159.0	8.5	5	343	713	0.43	0.15	5.2	0.231	3.67	1.1	80	20.0
L828839		<0.002	0.36	4.33	8.9	1	1.9	252	0.60	0.12	9.9	0.260	1.60	4.0	72	2.0
L828840		<0.002	1.67	33.5	10.1	1	2.7	144.0	0.61	0.10	12.1	0.229	2.44	5.5	63	2.5
L828841		0.002	0.36	4.28	10.4	1	2.0	237	0.63	0.25	11.8	0.243	1.78	4.4	67	2.1
L828848		<0.002	0.05	2.29	10.0	1	1.7	334	0.78	<0.05	13.8	0.246	1.47	5.4	66	1.6
L828849		<0.002	1.42	16.25	9.6	1	2.5	110.5	0.60	<0.05	11.3	0.226	3.17	5.1	63	7.0
L828850		<0.002	0.19	12.30	10.3	1	2.1	124.5	0.67	<0.05	11.8	0.259	2.23	3.9	70	5.6
K269119		<0.002	0.02	0.21	0.2	<1	<0.2	49.3	<0.05	0.05	<0.2	<0.005	0.02	0.4	2	0.1
L828851		<0.002	1.03	22.6	10.1	1	2.6	115.0	0.65	<0.05	13.3	0.229	3.49	5.1	63	7.5
L828852		<0.002	0.40	10.70	9.8	1	1.9	149.5	0.67	0.05	13.1	0.240	2.77	5.3	65	5.8
L828853		<0.002	3.64	40.4	7.6	1	6.3	125.0	0.47	0.33	9.6	0.173	2.49	5.0	48	4.7
L828854		<0.002	0.50	5.89	9.2	1	1.9	122.5	0.58	0.48	9.4	0.233	1.69	3.3	61	2.5
L828861		<0.002	0.43	19.90	9.5	1	1.7	116.5	0.56	<0.05	10.3	0.231	2.74	4.8	63	4.2
L828862		<0.002	2.60	42.1	9.2	1	2.8	113.0	0.52	0.13	11.5	0.222	2.65	4.5	59	4.2
L828864		<0.002	0.40	5.41	10.6	1	1.9	192.5	0.71	0.10	13.4	0.256	1.68	4.5	70	2.0
L828883		<0.002	0.08	13.75	5.6	1	2.0	626	0.74	0.05	9.9	0.324	1.28	4.4	54	3.0
L828884		<0.002	9.10	218	3.8	3	12.5	193.0	0.27	0.27	4.9	0.113	1.14	4.5	27	3.0



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026549**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K269078		11.6	9770	30.3			1.120	
K269080		16.2	128	41.0				
K269088		16.9	62	43.7				
K269089		14.4	4500	36.8				
K269091		17.1	2270	39.3				
K269108		13.6	87	132.5				
K269109		8.6	>10000	27.1				1.205
K269110		13.3	881	39.5				
G0557544		7.5	>10000	21.3	164	1.270	1.470	9.21
K269111		15.3	251	42.9				
L828717		17.5	249	41.1				
L828718		13.4	6880	30.3				
L828720		14.6	378	35.8				
L828761		15.5	1320	41.3				
L828762		12.3	>10000	34.2			1.150	1.110
L828763		16.4	121	41.4				
L828823		16.8	121	41.6				
L828824		10.7	6220	28.9	116		1.020	
L828826		15.5	55	35.9				
G0557545		11.1	7720	17.0	106			
L828839		14.0	46	31.4				
L828840		14.4	4350	33.1				
L828841		16.3	64	34.6				
L828848		17.1	104	40.1				
L828849		15.3	3120	35.5				
L828850		17.0	79	37.5				
K269119		0.9	18	<0.5				
L828851		15.5	816	38.2				
L828852		15.2	458	38.2				
L828853		10.2	4720	24.8				
L828854		13.6	61	26.6				
L828861		14.1	63	27.8				
L828862		13.7	2770	26.7				
L828864		16.7	52	35.7				
L828883		10.5	125	167.5				
L828884		6.1	>10000	34.4				2.78



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**CERTIFICATE OF ANALYSIS WH12026549**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026720**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026720**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
K272419		2.47	7.75	80.7	1160	1.54	1.47	1.61	6.00	55.3	13.7	12	14.90	13.7	3.92
K272420		76.0	3.94	1485	640	0.89	35.7	1.46	17.85	19.65	39.1	9	6.23	1510	7.21
K272422		>100	7.44	464	1870	2.00	1.52	2.35	59.5	65.8	6.0	16	19.65	324	3.05
K272423		1.86	7.81	50.7	2130	1.99	0.21	3.00	1.34	59.9	7.6	18	21.6	15.2	2.73
K272478		12.00	6.67	466	400	1.07	5.44	0.90	6.27	47.1	10.9	10	6.11	368	6.77
K272479		>100	2.35	>10000	290	0.54	45.6	3.57	686	15.45	4.0	6	4.50	6940	9.41
K272481		1.02	6.69	31.7	1480	1.69	0.25	3.16	0.96	53.3	6.2	16	16.20	25.6	2.51
K271423		1.11	0.09	55	20	0.06	0.24	21.8	3.13	1.40	1.2	<1	0.21	31.4	0.46
K272521		0.25	7.23	60.5	2020	1.58	0.16	2.17	1.41	48.7	7.3	11	9.65	27.0	3.30
K272522		20.9	6.69	6200	240	1.17	5.30	0.61	72.7	42.2	9.1	10	8.25	276	8.03
K272523		0.69	7.68	163.5	1730	1.48	0.42	1.22	16.60	63.0	9.6	14	13.30	20.2	4.00
K272524		0.51	7.42	104.0	1140	1.98	0.21	2.85	1.50	61.3	7.1	19	18.20	8.5	2.83
K272525		21.5	5.33	1060	520	1.04	5.46	1.39	32.5	28.3	14.7	9	9.34	173.0	6.46
K272526		0.54	7.52	229	1140	1.75	0.43	2.57	1.38	51.4	7.2	18	19.70	29.3	3.08
K272527		0.49	6.90	58.9	2350	1.70	0.12	3.01	0.50	57.4	6.6	17	17.30	7.4	2.70
K272528		0.20	6.85	33.6	1500	1.85	0.15	2.75	0.13	55.2	6.9	17	16.25	8.9	2.48
G0557546		>100	7.64	47.7	1570	1.45	1.62	2.53	54.9	31.6	13.1	21	2.60	4730	4.05
K272529		74.0	5.50	>10000	330	1.21	7.04	1.64	249	28.9	7.6	9	11.75	425	9.13
K272530		9.21	3.19	1115	370	0.65	13.40	1.36	3.52	21.2	8.7	11	6.02	28.2	10.55
K272531		14.25	3.80	859	280	0.39	21.0	0.45	5.78	12.15	9.4	10	3.08	53.6	18.15
K272533		4.11	7.05	267	870	1.45	2.65	2.14	12.85	50.4	6.9	29	8.62	45.1	4.70
K272607		1.18	6.66	110.5	1670	1.67	0.60	2.56	2.88	45.2	7.2	13	17.25	17.1	4.00
K272608		27.2	6.29	1555	1190	1.46	20.6	2.28	66.4	41.5	21.4	8	13.50	623	8.05
K272610		0.63	6.84	25.6	2240	1.52	1.57	3.07	0.34	41.5	8.2	13	13.45	9.6	3.62
K272664		0.25	6.87	16.1	2190	1.60	0.22	2.80	0.27	46.9	7.7	15	9.88	36.1	3.00
K272665		24.3	6.11	3300	1160	1.42	31.7	2.90	21.4	47.4	10.2	10	13.50	111.0	6.34
K272666		0.29	7.39	21.7	1490	1.40	0.25	2.19	0.27	39.3	7.0	9	15.75	11.1	2.82
K270108		1.42	7.24	246	970	1.65	0.31	2.71	12.30	53.3	7.3	9	21.0	16.9	3.50
K270109		22.5	6.43	1980	440	1.34	12.00	1.14	56.9	44.6	18.8	8	7.09	203	6.43
K270110		>100	0.65	5460	60	0.10	2560	0.80	160.0	4.92	101.0	6	0.61	2600	33.1
G0557547		>100	1.35	1090	250	0.34	46.9	1.81	495	12.95	31.0	30	0.76	>10000	17.45
K270112		>100	4.47	9670	520	0.84	116.5	4.14	217	37.1	14.3	8	7.08	1495	8.76
K270113		0.93	7.20	37.4	1490	2.02	0.78	2.91	0.59	59.2	7.3	17	17.85	16.6	2.56
K270114		3.26	6.72	613	1690	1.74	2.50	3.40	4.07	48.3	7.7	7	19.75	129.0	2.99
K270115		49.8	3.56	>10000	590	0.68	21.2	0.96	130.0	25.8	21.4	9	7.55	502	13.00
K270117		0.75	7.32	26.8	1980	1.57	1.27	2.52	1.46	49.5	8.6	10	11.50	12.5	3.35



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026720**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K272419		0.19	1.3	0.128	2.78	29.3	21.5	0.61	2230	2.98	0.15	8.6	3.6	590	484	148.5
K272420		0.20	0.7	1.005	1.67	10.6	21.5	0.50	1360	29.0	0.02	4.3	2.7	300	1530	103.0
K272422		0.18	2.8	0.536	2.11	33.4	40.3	0.84	1340	2.85	0.06	10.8	4.4	930	>10000	98.6
K272423		0.18	3.6	0.035	3.08	30.1	41.6	1.12	771	1.38	0.04	10.6	6.4	1100	198.0	154.5
K272478		0.18	1.0	0.416	3.21	24.8	7.8	0.48	977	1.93	0.04	6.8	3.0	510	912	198.5
K272479		0.18	0.5	2.61	0.93	8.1	37.5	1.18	2220	16.95	0.07	2.6	1.5	170	>10000	52.7
K272481		0.16	3.1	0.036	2.17	27.8	55.1	1.15	941	2.21	0.04	9.3	6.0	950	49.1	114.5
K271423		0.14	<0.1	0.018	0.04	0.7	1.2	13.30	193	0.21	0.01	0.3	0.9	170	86.8	1.9
K272521		0.20	1.1	0.049	2.80	24.5	11.7	0.74	674	3.35	2.12	8.0	2.9	580	24.0	120.0
K272522		0.23	1.0	0.576	3.27	21.4	7.5	0.48	1010	8.33	0.04	6.9	2.8	500	5520	200
K272523		0.18	1.9	0.071	3.15	34.1	44.6	0.64	1500	4.11	0.13	10.0	4.6	760	60.1	151.5
K272524		0.22	3.7	0.038	2.88	31.1	89.9	1.08	941	2.85	0.08	10.5	6.0	1100	73.7	108.0
K272525		0.19	0.9	0.618	2.41	14.4	11.3	0.58	1140	11.45	0.04	5.4	2.8	390	2300	134.5
K272526		0.19	2.2	0.050	2.67	25.5	84.3	0.91	1040	1.68	0.22	9.7	4.0	820	43.6	101.5
K272527		0.22	3.1	0.031	2.77	30.3	64.6	1.09	968	1.49	0.06	9.1	5.6	900	21.3	130.5
K272528		0.21	3.4	0.030	2.62	27.8	100.5	1.03	698	1.22	0.07	9.8	5.8	970	10.0	103.0
G0557546		0.23	0.6	13.40	2.32	16.2	13.0	0.71	589	39.5	2.68	7.0	11.7	820	9280	65.5
K272529		0.23	1.3	2.55	2.36	14.2	21.2	0.63	1340	5.04	0.04	6.0	3.4	490	6120	119.5
K272530		0.18	1.2	0.423	1.14	10.3	22.0	0.43	459	6.72	0.05	4.3	2.7	360	306	66.8
K272531		0.33	0.6	0.550	1.76	5.6	3.3	0.23	222	5.91	0.03	3.9	1.7	230	791	95.2
K272533		0.17	1.4	0.192	3.31	27.4	6.1	0.96	4040	1.29	0.03	7.1	9.5	560	594	210
K272607		0.18	1.2	0.149	2.82	22.3	20.3	0.78	1480	1.53	0.79	7.5	2.9	580	140.0	110.5
K272608		0.24	0.8	1.540	2.59	21.4	26.6	0.99	1840	6.56	0.26	6.5	3.0	550	2830	136.5
K272610		0.20	0.8	0.079	2.45	19.9	16.2	0.89	668	0.75	1.76	7.8	3.3	640	26.2	89.0
K272664		0.21	1.0	0.047	2.52	22.3	15.5	0.75	673	3.49	2.25	7.8	2.8	580	24.0	89.1
K272665		0.23	0.8	0.240	2.69	25.6	24.6	1.03	4030	4.53	0.13	6.2	3.1	490	3020	164.5
K272666		0.18	1.1	0.045	2.62	18.4	54.4	0.57	956	1.56	0.11	8.9	2.8	680	25.4	77.4
K270108		0.23	1.3	0.101	3.09	28.7	15.6	0.98	2980	1.90	0.04	7.8	2.8	550	207	143.5
K270109		0.24	1.2	1.235	3.11	23.9	11.2	0.50	1740	1.39	0.03	6.7	2.5	460	1740	195.0
K270110		0.62	0.1	4.76	0.30	2.8	4.8	0.29	334	4.40	0.01	1.4	1.8	30	>10000	15.2
G0557547		0.92	0.6	6.93	0.41	7.3	16.9	0.86	379	39.3	0.02	1.8	59.3	370	>10000	16.4
K270112		0.17	0.9	3.14	1.92	20.4	16.3	1.46	2740	4.59	0.02	4.8	2.7	300	>10000	111.0
K270113		0.16	3.4	0.037	2.84	30.7	53.5	1.14	1100	2.23	0.04	9.9	5.9	1000	51.6	171.5
K270114		0.17	1.3	0.127	2.25	25.5	78.4	1.18	2460	3.70	0.04	7.1	2.6	560	270	119.0
K270115		0.25	0.7	1.300	1.47	13.4	17.8	0.35	1300	8.81	0.06	3.9	2.2	250	1940	82.7
K270117		0.16	1.2	0.049	2.84	24.7	18.8	0.71	719	7.10	1.56	8.3	2.7	630	86.3	118.0



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026720**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K272419		0.002	1.21	11.35	11.3	1	2.8	79.4	0.75	0.24	14.6	0.265	2.05	4.7	66	10.7
K272420		0.002	6.98	435	5.2	1	5.5	36.5	0.36	2.30	5.7	0.134	1.44	8.0	36	5.1
K272422		<0.002	1.36	193.0	6.6	1	3.0	162.5	0.77	<0.05	9.2	0.279	1.98	6.2	53	6.2
K272423		<0.002	0.28	9.75	7.2	1	1.6	202	0.74	<0.05	9.9	0.307	3.10	5.3	62	2.6
K272478		<0.002	6.05	44.6	9.3	1	15.2	26.4	0.57	0.45	12.5	0.213	2.16	9.0	61	8.3
K272479		<0.002	>10.0	506	3.0	5	19.7	81.7	0.19	1.86	3.9	0.075	0.94	14.9	22	3.8
K272481		<0.002	0.27	15.75	6.4	1	2.0	263	0.63	<0.05	9.0	0.255	2.43	10.2	55	2.2
K271423		<0.002	0.05	2.56	0.3	1	0.2	48.9	<0.05	<0.05	0.2	<0.005	0.02	0.7	3	0.1
K272521		0.002	0.04	2.67	10.3	1	2.2	320	0.76	<0.05	16.5	0.248	1.17	2.5	67	1.1
K272522		<0.002	6.23	52.6	8.8	2	12.2	21.2	0.57	0.45	12.5	0.216	2.43	4.8	61	6.5
K272523		<0.002	0.32	11.80	9.2	1	2.2	89.1	0.83	0.06	17.2	0.266	1.93	4.6	64	5.1
K272524		0.002	0.16	11.25	7.2	1	1.4	158.5	0.74	<0.05	9.9	0.299	2.34	6.5	62	2.0
K272525		<0.002	5.72	59.6	7.1	2	9.5	46.3	0.42	0.33	9.5	0.168	1.73	3.9	51	6.7
K272526		0.002	0.15	10.20	9.7	1	1.7	138.5	0.78	0.08	13.5	0.275	2.16	5.2	70	2.6
K272527		0.002	0.56	14.20	6.7	1	1.3	169.0	0.66	<0.05	9.8	0.260	2.56	6.4	57	1.8
K272528		0.002	0.15	14.20	6.6	1	1.3	211	0.70	<0.05	9.2	0.267	2.54	5.4	59	1.5
G0557546		0.021	1.60	150.0	7.5	4	333	683	0.41	0.13	5.7	0.226	3.82	1.3	75	17.7
K272529		0.003	9.15	152.0	7.0	4	16.1	93.8	0.49	0.51	9.6	0.185	2.14	4.6	49	6.7
K272530		0.004	>10.0	16.50	3.2	5	2.4	86.0	0.28	1.08	4.9	0.112	1.05	2.8	27	2.6
K272531		0.002	>10.0	7.71	4.6	6	6.8	11.7	0.31	2.64	7.1	0.113	1.36	1.4	34	8.0
K272533		<0.002	2.51	12.80	9.5	1	3.2	34.6	0.63	0.12	14.3	0.211	3.27	6.5	64	3.9
K272607		0.002	0.86	10.80	10.6	1	2.1	177.5	0.61	0.06	12.0	0.241	1.86	4.3	69	2.9
K272608		0.006	5.76	179.5	9.9	2	4.7	94.4	0.45	1.84	8.4	0.225	2.20	9.0	62	4.4
K272610		<0.002	0.63	2.65	11.4	2	1.8	339	0.59	0.19	9.3	0.264	1.27	3.3	76	4.0
K272664		0.002	0.05	1.96	10.9	2	1.5	385	0.60	<0.05	12.6	0.252	1.02	4.0	70	4.5
K272665		0.002	4.60	48.5	9.4	2	4.4	89.6	0.47	0.27	11.0	0.205	2.43	4.7	57	4.9
K272666		0.002	0.08	8.68	11.4	1	1.6	111.5	0.71	<0.05	11.8	0.281	1.31	2.3	76	7.3
K270108		0.002	0.59	12.40	10.7	1	1.9	85.5	0.68	<0.05	15.2	0.237	2.56	6.0	64	4.6
K270109		0.002	6.07	60.6	9.1	2	11.1	22.1	0.59	1.13	12.6	0.200	2.73	4.4	54	4.8
K270110		0.005	>10.0	487	0.9	9	24.2	12.7	0.05	23.2	1.1	0.019	0.37	1.0	5	0.7
G0557547		0.033	>10.0	254	3.3	218	110.0	41.8	0.11	0.87	1.1	0.042	34.3	4.3	57	1.8
K270112		<0.002	9.04	302	6.2	3	10.4	83.1	0.42	1.46	8.2	0.141	1.82	3.9	39	4.0
K270113		0.002	0.40	10.35	6.9	1	1.6	219	0.70	<0.05	10.0	0.271	3.49	5.2	57	2.6
K270114		<0.002	0.76	23.5	9.1	1	11.6	214	0.57	0.15	11.9	0.218	2.44	5.0	57	4.4
K270115		0.002	>10.0	177.0	4.6	4	7.4	51.8	0.30	2.51	6.1	0.116	1.36	4.6	32	4.3
K270117		<0.002	0.13	4.71	11.2	2	2.1	261	0.68	0.05	13.0	0.262	1.38	2.6	72	5.9





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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026720**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K272419		16.2	540	28.7				
K272420		6.2	1400	17.7				
K272422		13.0	3600	91.4	209		3.25	
K272423		13.1	149	129.0				
K272478		9.1	482	24.4				
K272479		4.8	>10000	15.4	221		1.610	4.62
K272481		12.6	122	123.0				
K271423		0.9	222	0.5				
K272521		17.3	399	26.8				
K272522		9.9	4730	25.5				
K272523		16.3	1580	62.9				
K272524		12.8	244	139.0				
K272525		7.4	2180	23.0				
K272526		14.4	242	73.2				
K272527		12.5	124	115.0				
K272528		12.1	57	129.5				
G0557546		10.4	7240	15.9	105			
K272529		7.5	>10000	40.8				2.19
K272530		5.7	298	42.6				
K272531		4.9	432	14.1				
K272533		11.1	1180	38.7				
K272607		14.2	278	31.4				
K272608		11.8	4970	18.0				
K272610		15.0	67	18.9				
K272664		15.0	59	23.0				
K272665		10.4	1790	19.0				
K272666		13.9	56	24.0				
K270108		13.8	981	30.7				
K270109		6.7	4790	27.1				
K270110		1.3	>10000	2.3	726		2.31	1.045
G0557547		7.3	>10000	19.1	157	1.260	1.510	9.27
K270112		7.8	>10000	23.2	206		2.26	1.810
K270113		13.0	111	134.5				
K270114		12.7	443	37.9				
K270115		7.4	8870	17.7				
K270117		16.6	186	29.6				



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**CERTIFICATE OF ANALYSIS WH12026720**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026721**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: ROCKHAVEN RESOURCES LTD.  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026721**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
K973439		0.19	7.05	4.6	2120	1.60	0.38	2.74	0.14	45.8	6.9	12	11.90	9.4	3.16
K973470		0.22	7.14	17.6	2190	1.74	0.23	2.20	0.75	44.3	6.6	8	17.70	18.5	2.92
K973471		>100	5.37	4930	1070	1.74	31.4	1.27	143.0	30.4	4.4	5	16.50	379	6.65
K973472		3.11	6.83	235	800	1.61	1.02	1.78	17.65	47.5	4.3	8	15.40	111.5	4.97
K973473		8.27	6.27	2190	570	1.31	4.43	1.61	39.7	46.5	15.4	7	14.85	226	4.32
K973474		0.50	7.49	98.3	1740	1.47	0.23	2.01	1.95	49.5	6.1	8	20.3	17.0	2.83
K973475		6.06	6.75	1695	390	1.16	0.80	3.04	75.5	39.3	6.8	6	17.10	88.0	5.58
K973476		0.19	7.79	40.0	2820	1.78	0.14	2.19	0.42	44.4	6.2	12	15.95	22.3	2.77
K973477		47.6	6.62	4940	510	1.37	52.0	2.17	123.5	40.8	6.4	7	15.75	1110	4.82
G0557548		>100	8.19	58.6	1170	1.16	1.82	2.54	61.5	29.3	14.2	23	2.77	5020	4.05
K973479		0.66	7.65	107.5	1270	1.54	0.54	2.36	2.66	59.8	5.5	8	14.30	9.5	2.46
K973480		0.79	7.89	35.0	1920	1.52	0.65	2.31	8.32	52.3	5.2	9	12.80	12.0	2.97
K973481		0.77	7.83	57.1	1690	1.33	0.70	2.71	4.55	66.6	6.0	13	12.70	7.1	2.72
K973482		5.57	5.66	1730	1220	1.11	4.09	1.59	59.3	39.8	10.1	8	6.58	115.0	3.60
K973483		1.88	7.33	99.8	940	1.34	1.56	1.57	10.90	56.6	29.7	9	7.16	38.0	3.68
K973484		12.90	6.73	4230	510	1.23	12.85	1.42	74.6	46.3	18.1	8	12.85	180.0	5.30
K973485		2.20	8.05	175.0	670	1.70	3.05	2.57	4.21	51.7	15.6	10	16.45	28.9	4.26
K973487		0.68	8.30	57.7	1750	1.56	0.83	1.81	5.67	56.1	6.3	8	18.70	8.7	3.75
K973488		48.5	5.50	2540	220	1.06	35.4	2.84	148.5	22.3	21.2	5	11.05	1735	6.64
K271501		0.05	0.12	<5	30	0.06	0.05	22.9	0.16	1.84	1.4	<1	0.74	2.8	0.46
K973489		1.11	7.95	23.3	1780	1.34	1.19	2.34	4.08	44.5	10.3	9	11.55	19.7	3.39
K974009		2.07	8.11	46.5	590	1.36	2.17	1.92	14.75	47.1	8.0	9	8.15	12.0	3.60
K974010		>100	4.05	3540	780	0.49	250	0.30	74.4	21.4	19.1	10	3.02	1970	20.8
K974012		1.44	7.71	32.9	430	1.33	2.22	1.39	3.61	51.9	7.8	11	8.84	7.9	3.55
K974022		1.12	8.45	34.4	950	1.66	1.67	2.02	2.96	52.4	8.3	11	17.20	16.3	3.14
K974023		56.2	5.65	289	520	0.98	21.0	1.08	287	20.0	9.3	12	9.95	775	6.53
K974025		0.82	8.21	26.5	1190	1.52	0.70	2.40	1.82	50.6	7.6	12	17.10	8.0	3.36
K974045		0.57	7.94	53.8	1570	1.51	0.52	2.56	5.04	45.5	7.9	11	18.20	18.1	3.15
G0557549		>100	1.55	1305	210	0.18	58.8	1.93	561	14.10	28.8	34	0.86	>10000	18.45
K974046		16.40	6.33	1835	480	1.28	15.25	1.60	52.8	43.6	7.1	8	17.15	326	4.39
K974047		0.49	8.11	19.6	650	1.42	0.58	1.98	0.93	51.3	8.8	8	18.35	14.1	3.06
K974184		0.38	7.26	29.3	2280	1.63	0.26	2.89	3.24	37.4	7.4	7	26.4	13.5	3.44
K974185		58.1	2.57	9460	190	0.53	24.3	4.54	>1000	11.95	3.9	9	8.41	1620	6.05
K974187		33.2	5.19	>10000	330	0.86	15.65	1.18	286	29.6	4.6	8	11.80	465	6.20
K974188		0.41	8.15	81.5	4160	1.31	0.26	1.53	17.40	49.9	6.4	9	21.8	18.0	3.08
K974189		4.93	7.12	715	1680	1.31	0.79	1.99	23.0	48.8	6.1	8	17.95	46.5	3.02



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026721**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K973439		0.23	1.2	0.039	2.71	22.0	14.0	0.76	566	4.53	2.35	7.8	2.9	560	22.3	99.5
K973470		0.19	1.2	0.055	2.11	21.6	166.0	0.68	976	1.23	0.07	7.8	2.5	580	31.4	79.0
K973471		0.27	0.8	5.24	2.12	16.7	30.2	0.65	3760	6.81	0.03	5.2	2.2	380	>10000	109.0
K973472		0.20	1.1	0.287	3.09	26.1	15.0	0.87	2030	1.46	0.03	7.1	2.0	490	524	174.5
K973473		0.16	0.9	0.542	2.66	25.9	38.1	0.66	1320	7.08	0.03	6.4	3.0	440	769	158.5
K973474		0.16	1.0	0.090	2.27	27.1	128.5	0.75	1060	2.34	0.03	7.6	2.3	590	94.6	126.5
K973475		0.20	0.9	0.975	2.13	20.1	82.5	1.19	2100	0.86	0.02	7.0	2.2	530	477	119.5
K973476		0.15	1.0	0.060	1.67	22.4	295	0.70	926	0.42	0.05	8.2	2.2	610	24.3	64.0
K973477		0.19	0.9	5.40	1.76	22.2	228	0.85	2060	4.01	0.02	6.4	2.5	500	3770	103.0
G0557548		0.18	0.5	15.35	2.36	16.5	10.5	0.73	623	42.0	2.76	7.7	12.6	860	>10000	70.2
K973479		0.17	1.0	0.178	2.78	32.7	41.7	0.79	1670	0.32	0.06	7.9	2.0	590	56.2	144.5
K973480		0.16	1.0	0.216	3.04	27.5	48.7	0.78	880	0.37	0.08	7.9	2.7	620	278	170.0
K973481		0.17	1.0	0.137	3.47	39.0	11.6	0.99	1420	0.23	0.05	7.2	2.3	610	187.0	221
K973482		0.16	0.7	0.903	2.63	20.6	13.0	0.66	1530	1.37	0.03	4.7	1.8	430	1180	180.0
K973483		0.19	0.9	0.347	3.42	32.4	4.7	0.69	1760	0.20	0.04	6.4	2.2	580	354	235
K973484		0.20	0.8	1.545	2.90	24.6	13.3	0.65	1000	0.86	0.03	6.5	2.2	500	1350	183.0
K973485		0.17	1.0	0.179	2.31	26.8	229	0.82	776	0.42	0.06	7.6	2.7	610	194.5	124.0
K973487		0.18	1.1	0.164	2.49	30.3	159.5	0.75	1110	0.62	0.04	8.7	2.6	650	268	137.0
K973488		0.19	0.7	3.26	2.28	12.1	16.8	1.41	1420	24.8	0.04	4.9	2.1	350	4140	146.5
K271501		0.06	<0.1	0.008	0.06	0.9	1.4	13.55	202	0.78	0.01	0.5	2.0	290	4.8	4.0
K973489		0.16	1.0	0.148	2.90	22.1	32.9	0.82	1080	1.03	0.06	7.8	2.3	620	173.5	139.0
K974009		0.17	1.0	0.253	3.70	23.6	5.4	0.78	1470	1.00	0.05	6.4	2.2	650	415	215
K974010		0.45	0.5	3.74	1.92	11.9	4.4	0.25	580	1.48	0.02	3.1	1.4	280	1570	132.0
K974012		0.16	1.0	0.091	3.57	27.5	8.7	0.68	1000	0.30	0.04	6.2	2.1	570	206	221
K974022		0.15	1.1	0.194	2.38	27.2	285	0.72	1200	1.90	0.04	7.5	2.5	620	53.9	121.5
K974023		0.19	0.7	9.20	2.48	8.0	26.7	0.55	2700	8.02	0.03	3.3	2.1	460	591	134.5
K974025		0.16	1.3	0.130	2.78	26.4	99.3	0.73	987	2.70	1.28	8.0	2.6	590	42.8	122.5
K974045		0.15	1.2	0.218	3.09	22.0	149.5	0.63	777	1.15	0.97	8.5	2.4	620	50.3	122.0
G0557549		1.25	0.7	8.25	0.45	8.1	4.5	0.92	416	40.3	0.02	1.9	56.9	420	>10000	19.1
K974046		0.17	0.9	1.075	2.57	23.7	33.4	0.60	2370	8.79	0.03	6.1	3.3	390	1140	145.0
K974047		0.15	1.2	0.049	2.89	26.7	146.5	0.69	698	0.88	0.13	6.4	2.4	580	50.9	130.0
K974184		0.14	1.2	0.086	2.84	17.6	34.9	0.66	993	0.95	0.44	7.9	2.5	590	79.1	101.0
K974185		0.16	0.4	24.8	0.98	4.6	27.5	1.60	4090	7.18	0.02	2.5	1.3	170	3970	60.1
K974187		0.16	0.7	6.03	1.79	15.7	87.0	0.52	4480	5.84	0.02	5.1	1.9	380	6820	101.0
K974188		0.15	1.2	0.165	2.42	26.1	186.5	0.53	760	2.91	0.34	8.6	2.3	690	70.7	118.5
K974189		0.13	1.0	0.188	2.12	26.4	125.5	0.72	1040	3.83	0.04	7.1	2.3	520	1390	129.0



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026721**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K973439		0.002	0.01	1.19	10.7	1	1.5	363	0.63	<0.05	12.9	0.253	1.11	4.1	68	1.5
K973470		<0.002	0.20	20.7	10.9	1	1.6	165.5	0.65	<0.05	11.9	0.248	1.58	3.7	64	4.3
K973471		<0.002	4.46	265	8.6	2	9.2	105.5	0.45	0.05	10.4	0.170	2.68	3.6	47	9.2
K973472		0.002	1.21	31.0	9.8	1	4.5	55.2	0.68	0.05	14.0	0.209	3.28	5.6	56	5.6
K973473		<0.002	2.76	72.3	9.5	1	6.8	56.8	0.56	0.13	11.3	0.195	2.39	4.0	56	4.1
K973474		<0.002	0.49	29.4	11.2	1	2.3	158.5	0.58	0.06	13.0	0.235	2.12	5.2	66	5.2
K973475		<0.002	3.78	45.4	9.8	1	5.5	156.0	0.52	0.05	10.4	0.215	2.17	3.3	59	6.5
K973476		<0.002	0.23	27.5	10.9	1	1.7	228	0.67	<0.05	11.7	0.256	1.25	2.5	65	7.5
K973477		<0.002	2.62	84.0	9.0	2	3.3	195.0	0.52	0.09	11.0	0.207	1.90	3.4	52	6.7
G0557548		0.021	1.68	162.5	7.5	5	360	734	0.42	0.15	4.8	0.236	3.49	1.0	82	20.8
K973479		<0.002	0.42	11.80	11.7	1	3.0	122.0	0.61	0.15	12.2	0.237	2.62	4.4	69	3.3
K973480		<0.002	0.39	8.68	11.2	1	2.4	111.5	0.62	0.07	13.4	0.244	2.40	4.1	68	3.3
K973481		<0.002	0.75	7.16	11.6	1	2.7	96.3	0.57	0.06	13.6	0.234	3.13	4.8	66	4.1
K973482		<0.002	2.27	32.0	8.7	2	4.1	68.5	0.36	0.14	8.7	0.159	2.08	3.1	54	4.7
K973483		<0.002	2.31	8.10	11.4	1	3.6	39.2	0.49	0.24	12.3	0.213	2.50	2.9	61	4.7
K973484		<0.002	3.94	50.6	9.8	2	5.2	81.8	0.51	0.21	11.4	0.201	2.49	3.8	59	5.5
K973485		<0.002	2.09	21.3	11.3	1	2.8	163.5	0.61	0.21	13.5	0.238	1.69	5.6	70	3.4
K973487		<0.002	0.53	15.70	11.5	1	2.4	201	0.69	0.34	14.6	0.265	2.12	4.0	69	5.3
K973488		<0.002	6.18	318	7.1	2	6.3	94.0	0.40	0.33	8.6	0.156	1.96	4.1	53	5.1
K271501		<0.002	0.01	0.33	0.3	1	0.2	53.0	<0.05	<0.05	0.3	<0.005	0.02	0.9	3	0.2
K973489		<0.002	1.28	16.45	11.1	1	2.6	115.0	0.59	0.14	11.5	0.247	2.18	3.2	72	3.3
K974009		<0.002	2.64	4.79	10.5	1	4.6	41.5	0.53	0.48	14.0	0.204	2.88	2.8	60	4.0
K974010		<0.002	>10.0	102.5	4.3	2	11.3	15.5	0.25	2.28	6.1	0.091	1.30	1.1	32	3.1
K974012		<0.002	2.96	4.83	10.3	1	3.7	59.0	0.53	0.68	14.6	0.191	2.84	3.3	61	4.1
K974022		<0.002	1.52	19.50	11.1	1	2.5	230	0.61	0.19	13.7	0.235	2.00	4.3	69	3.2
K974023		0.005	6.53	164.5	5.6	3	5.7	104.5	0.29	0.29	5.8	0.103	2.00	2.5	40	4.8
K974025		<0.002	1.09	7.58	10.8	1	2.2	2290	0.66	0.14	13.4	0.240	1.63	4.3	68	2.8
K974045		<0.002	1.36	12.65	11.1	1	2.8	324	0.68	0.10	11.9	0.252	1.68	3.5	73	2.3
G0557549		0.038	>10.0	305	2.4	248	113.0	43.4	0.10	0.92	1.1	0.046	33.4	3.7	64	2.1
K974046		<0.002	3.22	107.5	8.7	2	6.6	113.5	0.51	0.15	11.4	0.192	2.61	7.3	55	5.3
K974047		<0.002	2.02	13.45	10.8	1	1.9	194.5	0.62	0.15	14.7	0.207	2.02	5.2	67	5.5
K974184		<0.002	0.22	10.85	9.2	1	1.8	177.5	0.64	<0.05	10.4	0.247	1.65	5.7	67	3.2
K974185		<0.002	7.92	357	3.2	7	6.9	141.5	0.19	0.08	3.1	0.074	1.05	2.2	23	3.0
K974187		<0.002	3.67	186.0	6.3	2	9.8	81.9	0.41	0.08	8.3	0.166	1.65	3.4	47	4.9
K974188		<0.002	0.20	37.1	10.7	1	1.8	221	0.71	<0.05	13.9	0.268	1.49	3.3	71	4.5
K974189		<0.002	0.97	63.1	9.7	1	2.0	189.0	0.58	0.05	11.9	0.218	1.79	3.7	64	5.1



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**CERTIFICATE OF ANALYSIS WH12026721**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K973439		15.4	43	36.1				
K973470		14.3	89	31.1				
K973471		8.6	9130	21.5	204		5.60	
K973472		10.8	1300	28.4				
K973473		10.7	2760	23.8				
K973474		13.6	172	29.9				
K973475		12.5	5040	26.7				
K973476		14.2	63	30.8				
K973477		12.2	8050	25.6				
G0557548		11.7	7820	16.8	102		0.952	
K973479		14.7	219	28.2				
K973480		14.7	591	27.8				
K973481		13.7	363	26.3				
K973482		10.2	3930	19.4				
K973483		11.8	963	24.8				
K973484		10.9	5170	24.2				
K973485		14.9	374	28.3				
K973487		14.9	455	31.1				
K973488		8.2	9840	20.6				
K271501		1.2	20	0.5				
K973489		13.9	334	29.1				
K974009		13.0	1140	29.6				
K974010		9.2	6470	14.0	142			
K974012		13.4	293	28.8				
K974022		14.0	274	32.1				
K974023		7.9	>10000	18.4				1.845
K974025		14.6	158	37.3				
K974045		15.2	376	34.5				
G0557549		7.8	>10000	20.2	158	1.260	1.525	9.36
K974046		11.9	3530	25.8				
K974047		14.9	106	32.5				
K974184		14.0	357	33.6				
K974185		6.2	>10000	11.0				7.53
K974187		9.1	>10000	20.1				1.870
K974188		14.9	1700	34.2				
K974189		13.4	1300	29.3				



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**CERTIFICATE OF ANALYSIS WH12026721**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12026722**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026722**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
K974194		0.33	7.51	35.1	2760	1.36	0.20	1.42	1.27	59.0	6.3	9	18.50	14.8	3.21
K974195		54.5	5.45	3270	2020	1.31	10.10	1.85	116.0	42.7	8.0	10	11.65	293	4.96
K974197		1.72	7.08	71.9	2550	1.53	0.26	2.32	3.34	48.4	6.3	10	20.4	18.0	3.17
K972901		1.92	7.16	766	1370	1.55	0.36	3.77	7.35	48.8	6.4	9	22.5	51.7	3.10
G0557550		>100	7.21	51.0	1540	1.36	1.84	2.26	58.8	32.1	12.1	21	2.58	4660	3.86
K972902		7.89	6.68	4810	1250	1.56	1.04	1.87	35.5	58.1	5.7	10	21.0	105.5	3.88
K972904		0.40	7.47	24.5	3000	1.33	0.22	1.51	2.96	63.6	6.6	9	30.4	17.5	2.67
K972922		1.14	6.47	81.3	2330	1.43	1.09	1.97	6.91	75.7	10.4	8	24.2	22.1	3.69
K972923		6.46	6.96	626	1110	1.44	4.71	1.57	110.5	52.7	12.0	7	15.80	116.0	5.64
K271534		0.03	0.09	<5	20	0.06	0.03	20.9	0.21	1.75	1.2	<1	0.19	2.1	0.43
K972925		2.24	7.63	175.5	1480	1.86	1.98	2.50	45.6	51.3	5.6	9	27.4	48.8	4.57
K972943		0.21	7.47	15.1	1870	1.35	0.27	1.59	0.49	43.9	8.3	7	10.40	15.2	2.95
K972944		51.5	6.04	1280	1530	1.45	41.2	1.46	430	35.3	7.5	7	15.35	2120	6.12
K972946		0.47	7.78	44.0	2940	1.50	0.25	1.62	2.84	50.8	8.0	9	26.5	18.9	2.76
K972947		0.55	7.64	26.1	1970	1.56	0.72	1.71	2.11	45.9	7.9	9	14.15	16.2	3.17
K972948		29.3	6.25	2680	650	1.22	13.00	0.53	124.5	39.8	6.2	8	7.61	456	8.49
K972949		0.40	8.53	39.3	2190	1.43	0.19	1.97	1.80	45.6	7.9	10	13.60	13.5	3.34
K972950		4.72	7.35	111.0	1640	1.48	2.88	2.77	7.84	43.5	10.0	7	10.60	20.8	4.13
K972952		0.27	8.37	16.5	1980	1.23	0.42	1.69	0.30	50.3	8.2	10	12.50	14.2	2.96
K972953		79.0	6.14	>10000	810	1.20	143.5	1.13	56.0	36.5	18.3	8	13.35	521	11.55
K972954		0.21	7.99	35.9	1500	1.45	0.49	2.43	0.31	40.0	6.9	8	21.0	16.9	2.97
G0561916		>100	1.42	1225	50	0.26	63.1	1.85	534	13.10	27.7	31	0.75	>10000	18.55
K972960		1.72	7.92	111.0	690	1.66	1.20	1.86	3.49	51.8	8.3	9	14.00	67.2	3.73
K972961		15.35	6.00	3520	990	1.27	5.05	1.40	209	47.9	6.0	7	13.95	258	5.04
K972962		0.48	7.25	50.0	2100	1.65	0.24	2.61	0.77	42.6	8.6	9	21.4	11.0	3.01
K972963		9.03	6.85	1400	940	1.60	8.37	1.76	50.3	48.0	8.8	7	14.60	186.0	4.14
K972964		0.32	7.66	25.7	2290	1.48	0.66	2.43	0.58	48.7	7.5	9	13.90	21.0	2.91
K972968		0.16	7.78	11.5	1910	1.59	0.94	2.35	0.38	42.8	7.7	9	17.05	9.7	2.79
K972969		3.71	7.08	1010	1800	1.71	1.31	1.93	23.3	45.0	6.5	7	18.85	56.6	3.08
K972970		0.40	7.65	19.1	2210	1.50	0.92	2.38	1.68	39.5	8.1	8	12.95	9.0	3.06
K972971		0.58	7.68	15.4	2190	1.60	0.21	2.10	0.32	37.8	7.5	10	14.35	4.5	3.15
K972972		3.82	7.16	52.5	1140	1.83	3.17	1.79	8.45	31.0	24.1	7	14.90	19.8	4.23
K972973		4.98	7.50	2220	1520	1.69	2.03	2.21	61.7	47.1	9.1	7	14.40	49.2	3.11
K972975		0.37	7.46	38.7	2270	1.58	0.48	2.84	0.38	47.3	8.3	7	12.50	3.6	2.55
K972978		0.13	7.42	11.5	2360	1.62	0.39	2.53	0.38	44.8	7.5	10	13.60	5.7	2.85
K972979		5.17	6.33	2870	5040	1.62	0.74	1.12	13.55	38.9	8.9	9	13.95	14.4	4.62



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**CERTIFICATE OF ANALYSIS WH12026722**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K974194		0.16	1.0	0.054	1.95	31.7	87.8	0.62	946	2.56	0.03	8.1	2.9	610	70.7	99.4
K974195		0.16	0.8	2.31	2.57	22.1	26.1	0.80	3720	4.95	0.04	5.6	2.8	420	>10000	141.0
K974197		0.16	1.1	0.067	2.96	23.9	29.0	0.60	834	2.26	1.08	8.3	2.4	610	710	117.5
K972901		0.18	1.1	0.136	2.82	24.9	74.8	1.42	1240	1.42	0.12	7.6	2.2	530	344	95.1
G0557550		0.16	0.6	13.85	2.23	16.2	12.9	0.67	585	39.1	2.54	7.1	12.3	820	9310	63.6
K972902		0.18	1.1	0.377	2.88	32.1	35.1	0.70	1700	8.00	0.03	7.3	2.7	500	1790	157.0
K972904		0.16	1.2	0.094	3.14	33.5	95.6	0.49	709	1.78	0.11	8.4	2.2	590	161.0	144.5
K972922		0.20	1.8	0.153	2.94	42.2	30.2	0.71	1080	3.92	0.05	5.8	2.7	380	148.0	171.5
K972923		0.20	1.0	2.32	3.28	26.4	14.0	0.76	1330	5.09	0.04	6.7	2.6	660	582	221
K271534		0.06	<0.1	0.011	0.04	0.8	1.6	13.30	200	0.12	0.01	0.5	0.7	370	3.9	1.6
K972925		0.17	1.2	0.486	3.20	28.8	15.6	0.88	2130	2.19	0.09	7.8	2.7	610	593	177.0
K972943		0.14	1.1	0.053	2.26	23.3	56.7	0.60	833	0.80	0.07	7.6	2.2	580	38.8	98.8
K972944		0.19	0.9	11.00	2.63	19.1	30.1	0.62	2260	3.82	0.04	6.1	2.5	460	3410	147.0
K972946		0.15	1.1	0.092	3.06	27.3	75.2	0.52	875	1.72	0.16	8.3	2.3	600	172.0	139.0
K972947		0.15	1.1	0.099	2.90	24.2	69.5	0.60	1080	1.36	0.10	7.9	2.3	620	89.2	123.0
K972948		0.21	0.9	3.88	2.72	21.4	14.9	0.36	720	5.21	0.03	5.9	2.4	480	4460	156.5
K972949		0.13	1.2	0.063	3.19	23.4	35.8	0.66	746	1.43	0.48	9.0	2.6	670	118.0	124.0
K972950		0.16	1.1	0.161	3.12	22.3	36.3	0.92	1160	1.58	0.08	5.9	2.5	560	525	154.5
K972952		0.15	1.2	0.055	2.86	26.7	55.5	0.64	745	1.83	0.13	8.7	2.6	680	24.9	109.5
K972953		0.28	0.8	2.13	2.45	19.3	43.3	0.47	692	11.60	0.04	5.5	2.1	460	2430	140.0
K972954		0.10	1.0	0.054	2.75	19.8	98.0	0.59	763	3.08	0.10	8.5	2.1	620	29.9	98.5
G0561916		1.08	0.6	6.60	0.43	7.5	6.8	0.90	399	37.7	0.02	1.6	61.0	410	>10000	16.3
K972960		0.11	1.1	0.107	1.98	29.0	273	0.71	1140	2.92	0.03	7.9	2.2	630	328	119.0
K972961		0.15	0.9	3.75	2.62	26.7	35.8	0.54	2410	10.20	0.05	5.9	2.2	450	2030	177.0
K972962		0.13	1.0	0.049	2.79	21.4	91.5	0.57	737	2.07	1.02	8.3	2.3	640	176.5	109.0
K972963		0.16	1.0	0.710	2.81	27.3	75.2	0.66	1230	2.35	0.04	6.9	2.8	520	1310	174.0
K972964		0.14	1.0	0.048	2.87	25.6	30.7	0.71	583	2.06	1.71	7.8	2.4	600	33.0	120.0
K972968		0.15	1.2	0.055	2.69	21.8	45.5	0.57	509	3.34	0.86	8.6	2.4	610	26.3	101.0
K972969		0.14	1.0	0.257	2.66	25.1	142.5	0.63	1080	2.16	0.08	7.0	2.4	550	733	154.0
K972970		0.14	1.1	0.068	2.43	19.9	65.5	0.67	578	2.65	0.23	7.7	2.4	620	40.7	82.5
K972971		0.15	1.1	0.041	2.63	18.6	67.4	0.70	570	2.40	0.49	8.4	2.6	620	28.2	79.2
K972972		0.15	1.0	0.330	3.13	15.1	31.2	0.69	969	7.91	0.05	7.1	2.5	460	404	203
K972973		0.15	1.0	1.060	3.03	25.9	75.3	0.82	1400	3.60	0.04	7.5	2.1	570	508	172.0
K972975		0.13	1.0	0.057	2.21	25.6	138.0	0.94	918	2.80	0.06	7.5	2.5	570	18.5	106.0
K972978		0.16	1.1	0.048	2.86	22.9	23.9	0.71	631	1.20	1.45	7.9	2.4	580	27.0	109.5
K972979		0.16	0.9	0.146	2.81	20.0	32.2	0.47	1460	15.15	0.07	6.2	2.7	470	1005	166.0



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Finalized Date: 9-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026722**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K974194		<0.002	0.41	23.6	10.7	2	2.7	96.1	0.66	<0.05	14.5	0.244	1.90	4.1	66	3.9
K974195		<0.002	3.26	136.5	8.0	2	8.9	74.4	0.46	0.06	9.5	0.180	2.51	7.3	51	5.6
K974197		<0.002	0.18	15.05	10.3	2	2.0	228	0.68	<0.05	12.3	0.251	1.82	3.7	70	4.3
K972901		<0.002	0.38	20.5	9.4	1	2.3	114.0	0.66	<0.05	11.8	0.225	2.12	5.0	62	7.9
G0557550		0.022	1.63	156.5	7.2	5	341	651	0.43	0.15	5.0	0.221	3.73	1.1	77	19.5
K972902		0.002	2.07	71.0	10.1	2	5.3	73.7	0.61	<0.05	13.1	0.229	3.17	6.3	62	4.9
K972904		<0.002	0.20	25.1	10.8	2	2.6	117.5	0.69	0.05	14.2	0.251	2.06	3.7	68	3.6
K972922		<0.002	2.58	7.68	8.4	2	1.6	166.5	0.82	0.30	23.1	0.153	2.71	5.8	51	2.3
K972923		0.002	3.86	11.95	10.0	2	3.9	68.1	0.54	0.32	13.3	0.213	3.28	2.9	64	4.6
K271534		<0.002	0.01	0.20	0.4	1	<0.2	52.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2	0.1
K972925		<0.002	1.23	9.21	10.8	2	3.1	220	0.63	0.10	12.1	0.237	2.92	4.0	64	5.6
K972943		<0.002	0.60	15.00	10.9	2	1.9	108.5	0.61	0.05	11.7	0.235	1.50	2.1	63	4.1
K972944		<0.002	5.58	171.0	8.8	5	3.8	88.7	0.48	0.13	9.1	0.193	2.53	4.7	53	3.9
K972946		<0.002	0.22	21.5	11.3	2	2.2	121.0	0.66	<0.05	11.5	0.246	1.92	3.1	68	3.3
K972947		<0.002	0.33	18.80	11.5	2	1.9	131.5	0.62	0.38	11.9	0.250	1.79	3.3	67	4.3
K972948		<0.002	9.18	69.3	9.5	3	8.1	31.9	0.46	0.18	10.1	0.197	2.33	3.8	59	3.1
K972949		<0.002	0.28	7.04	11.9	2	2.1	173.0	0.71	<0.05	11.8	0.272	1.65	3.1	73	4.0
K972950		<0.002	2.48	13.85	9.8	2	3.7	114.5	0.50	1.17	10.5	0.198	2.37	3.8	62	3.6
K972952		<0.002	0.49	15.75	11.9	2	2.1	123.5	0.71	0.11	13.1	0.269	1.33	2.8	69	5.3
K972953		<0.002	>10.0	161.0	8.5	3	3.2	84.7	0.46	1.10	9.6	0.173	2.07	6.1	52	2.6
K972954		<0.002	0.34	14.65	11.0	2	1.9	156.5	0.69	0.11	10.0	0.267	1.62	4.4	77	4.8
G0561916		0.035	>10.0	270	2.7	232	106.5	37.6	0.10	0.80	1.3	0.044	38.6	4.7	61	1.8
K972960		<0.002	1.40	28.0	11.6	2	2.7	188.0	0.64	0.07	13.3	0.246	1.70	3.7	68	5.9
K972961		<0.002	4.08	58.3	8.7	3	5.6	63.9	0.51	0.13	10.7	0.188	2.60	6.0	52	3.9
K972962		<0.002	0.26	9.94	10.7	2	1.8	256	0.68	<0.05	10.7	0.251	1.50	3.5	69	1.9
K972963		0.002	2.99	21.9	10.5	2	4.5	109.5	0.54	0.28	12.4	0.214	2.31	5.4	62	3.9
K972964		<0.002	0.93	5.38	11.1	2	1.9	331	0.62	0.23	11.5	0.248	1.49	3.8	68	2.2
K972968		0.002	0.78	8.94	11.5	2	2.0	222	0.72	0.43	11.3	0.253	1.30	3.3	70	3.7
K972969		<0.002	1.92	22.5	11.0	2	4.1	109.5	0.52	0.15	10.0	0.226	2.26	4.0	64	2.8
K972970		<0.002	0.92	7.92	11.2	2	2.1	151.5	0.62	0.30	9.4	0.243	1.43	2.9	68	3.6
K972971		<0.002	0.21	8.45	11.1	1	1.7	194.0	0.66	0.05	9.9	0.260	1.29	3.4	71	2.8
K972972		<0.002	3.29	13.80	9.7	2	3.6	55.4	0.58	1.03	10.6	0.224	2.72	4.5	56	3.7
K972973		<0.002	1.63	17.35	11.3	2	3.8	98.2	0.57	0.34	11.9	0.232	2.85	6.7	67	3.2
K972975		<0.002	0.86	10.00	10.9	2	1.8	176.0	0.58	0.13	11.7	0.233	1.97	3.8	66	3.1
K972978		<0.002	0.56	3.88	11.2	2	1.6	311	0.65	0.08	11.3	0.246	1.53	3.7	69	1.7
K972979		<0.002	4.14	43.7	9.5	2	4.2	102.5	0.51	0.14	10.1	0.195	2.85	4.2	55	4.2



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 Finalized Date: 9-MAR-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026722**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K974194 K974195 K974197 K972901 G0557550		15.2 10.4 15.5 14.7 10.7	199 7130 298 524 7330	28.6 21.4 30.6 30.4 15.5	101		1.710	
K972902 K972904 K972922 K972923 K271534		14.7 15.7 11.3 11.7 1.0	2360 263 489 6520 24	30.1 31.7 45.8 26.6 1.2				
K972925 K972943 K972944 K972946 K972947		13.5 13.6 11.1 14.3 14.1	3410 76 >10000 295 216	36.2 31.7 27.9 29.7 29.8				2.81
K972948 K972949 K972950 K972952 K972953		10.6 15.5 13.5 15.5 10.9	>10000 207 698 66 6520	25.1 33.2 30.2 33.2 22.3				1.315
K972954 G0561916 K972960 K972961 K972962		13.9 7.4 14.5 11.0 14.7	70 >10000 429 >10000 103	29.8 17.4 30.1 23.0 27.8	184	1.340	1.615	9.62 1.410
K972963 K972964 K972968 K972969 K972970		13.7 15.3 15.3 12.9 14.1	3800 96 68 1830 152	26.8 28.5 32.7 27.4 29.8				
K972971 K972972 K972973 K972975 K972978		14.2 12.7 13.2 13.6 14.9	62 668 4310 72 71	30.0 25.9 27.8 28.1 30.1				
K972979		10.2	1130	24.7				



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**CERTIFICATE OF ANALYSIS WH12026722**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026723**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026723**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K972980		0.44	7.46	102.0	1990	1.79	0.54	2.43	0.65	45.5	7.2	7	20.3	6.5	2.76	16.10
K269365		27.8	5.11	452	730	0.99	19.20	0.76	31.5	25.5	244	7	5.25	45.3	11.60	12.90
K269366		0.23	7.26	14.3	1960	1.52	0.38	2.69	0.48	41.9	13.8	11	9.39	4.0	3.29	17.40
K271813		0.01	0.09	<5	20	0.05	0.02	21.2	0.05	1.53	1.3	<1	0.21	2.2	0.42	0.32
K269367		0.25	7.00	6.0	2170	1.44	0.35	2.60	0.32	43.5	9.1	12	8.83	10.3	3.02	16.55
K269368		2.99	7.04	145.5	1740	1.35	0.57	2.91	17.05	64.2	14.1	6	19.55	97.7	4.03	15.20
K269378		0.11	7.14	6.4	2130	1.58	0.12	2.72	0.16	41.4	8.0	10	14.50	9.0	2.89	16.55
K269379		2.49	6.34	4180	1600	1.32	1.24	2.28	28.2	41.0	8.5	6	17.70	35.0	4.96	14.35
K269380		0.14	7.34	15.1	2200	1.62	0.11	2.54	0.40	44.4	7.7	9	9.73	8.3	2.99	16.60
K269394		0.28	7.61	53.8	1560	1.64	0.22	1.60	2.76	41.4	7.3	8	17.35	9.0	3.13	16.50
K269395		6.94	6.11	7580	360	1.35	2.04	2.18	42.1	41.1	5.3	9	14.50	148.0	6.38	14.40
K269396		5.29	7.30	957	2810	1.71	1.90	2.38	5.45	45.0	7.7	8	22.7	30.2	3.36	16.75
K269398		8.99	6.53	3930	640	1.46	7.87	2.39	116.5	47.3	10.0	8	17.35	208	4.32	13.95
K269399		0.50	7.10	115.5	1280	1.43	0.24	2.64	1.76	40.9	7.8	8	21.9	7.8	3.20	16.30
K269400		0.34	7.17	108.0	1340	1.54	0.15	2.87	0.53	42.9	5.9	8	19.25	7.6	3.90	15.70
G0561917		>100	8.03	54.4	1270	1.36	1.84	2.55	60.3	30.8	12.5	23	2.56	4560	4.25	22.0
K269401		0.17	7.59	17.6	1140	1.51	0.11	2.04	0.25	48.9	7.0	9	26.7	6.9	3.08	16.95
K269402		1.88	7.22	467	1780	1.64	0.69	3.03	23.9	48.5	7.8	10	21.9	32.1	3.93	16.10
K269403		3.12	4.41	288	630	1.17	1.85	8.52	72.0	33.0	3.6	4	17.85	99.1	3.55	10.40
K269404		1.07	7.26	218	1340	1.66	0.14	2.45	5.61	55.0	6.2	10	19.90	17.1	5.05	16.05
K269405		1.63	7.14	13.3	2070	1.44	2.45	2.33	1.51	35.8	6.1	11	16.45	59.5	3.92	16.80
K269406		3.04	7.50	3000	1230	1.73	1.39	2.49	13.00	55.1	7.2	11	19.60	78.7	3.87	17.00
G0561918		>100	1.36	1130	120	0.26	69.4	1.81	508	11.95	30.9	30	0.71	>10000	17.90	17.85
K269407		53.7	6.23	7800	450	1.55	47.2	1.62	193.5	39.0	7.6	8	14.20	1070	7.40	14.85
K269409		0.20	7.25	12.6	2110	1.73	0.19	2.76	0.27	43.4	7.8	11	14.90	22.7	2.90	16.80
K269424		0.71	6.79	96.9	2730	1.65	0.42	2.74	3.69	49.6	6.6	8	21.7	29.5	3.41	16.00
K269425		51.0	6.76	351	1540	1.63	57.9	3.23	344	47.0	5.9	10	18.20	1030	4.23	14.80
K269427		1.31	7.74	21.2	2040	1.83	1.46	2.29	8.55	50.2	6.6	10	14.10	49.1	4.00	17.20
K269453		0.29	7.14	25.2	940	1.79	0.41	3.60	1.29	46.9	6.4	10	28.6	9.3	2.57	18.50
K269454		21.3	6.55	5220	590	1.52	7.76	1.61	98.4	45.8	10.5	8	16.20	202	6.74	15.25
K269455		0.91	6.96	92.7	3150	1.66	0.35	2.49	2.50	36.2	7.5	10	16.90	13.3	3.23	15.85
K269457		33.0	5.89	8980	1640	1.35	12.25	0.94	59.3	42.8	7.9	10	10.80	371	7.28	14.15
K269458		0.45	7.20	63.2	1890	1.68	0.12	2.63	1.84	42.5	6.4	10	21.9	19.1	3.14	16.55
K269459		16.70	5.77	2750	2030	1.28	11.30	1.25	164.0	38.6	6.6	7	8.54	522	6.39	13.35
K269461		0.36	7.30	35.8	2030	1.64	0.95	2.97	0.80	43.7	7.3	11	13.75	11.1	3.17	17.25
K269462		0.32	7.46	28.3	2240	1.58	0.42	2.96	0.88	46.4	7.7	13	16.55	17.4	3.31	17.10





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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026723**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5
K972980		0.14	1.0	0.047	2.99	23.8	54.6	0.84	1380	1.67	0.06	7.5	2.4	560	42.8
K269365		0.26	0.6	0.611	2.22	13.7	8.4	0.49	1670	6.14	0.07	3.9	7.9	370	2160
K269366		0.12	1.0	0.054	2.68	20.9	9.7	0.81	886	1.14	1.91	7.8	2.9	620	37.0
K271813		<0.05	<0.1	0.005	0.04	0.7	1.1	13.00	195	0.10	0.01	0.4	2.0	250	1.5
K269367		0.08	1.2	0.040	2.49	21.3	7.2	0.79	588	1.44	2.29	8.0	2.4	620	46.0
K269368		0.13	1.0	0.257	3.21	40.3	12.4	0.82	2660	0.75	0.55	7.1	2.1	550	1035
K269378		0.13	1.3	0.039	2.60	20.3	9.8	0.69	649	1.25	2.14	8.2	2.7	630	20.0
K269379		0.15	0.8	1.205	2.56	23.2	23.9	0.66	2590	4.67	0.29	6.7	2.7	470	382
K269380		0.13	1.0	0.049	2.74	22.6	10.9	0.76	800	1.30	2.17	7.8	2.7	580	34.9
K269394		0.13	0.9	0.078	2.56	21.5	84.0	0.62	1040	0.69	0.07	7.9	2.2	600	69.0
K269395		0.11	0.8	1.390	2.54	21.7	16.6	0.87	6230	2.83	0.04	6.5	2.3	440	446
K269396		0.11	1.1	0.166	2.64	22.4	64.9	0.83	1500	1.08	0.01	8.9	2.3	630	1760
K269398		0.12	0.8	3.48	2.48	26.3	62.9	0.89	2680	1.58	0.03	7.0	2.2	480	569
K269399		0.10	1.0	0.071	2.86	20.2	16.0	0.94	1240	1.42	0.02	8.5	2.3	580	55.1
K269400		0.12	0.9	0.061	2.46	21.3	96.6	1.09	1460	0.71	0.02	8.1	1.9	570	23.0
G0561917		0.11	0.6	14.10	2.26	15.9	11.6	0.73	624	40.5	2.66	7.6	11.7	850	9620
K269401		0.10	1.0	0.047	1.97	25.6	142.5	0.70	917	0.62	0.03	8.6	2.1	590	32.5
K269402		0.14	1.0	0.411	2.78	26.2	24.1	1.03	2780	1.82	0.01	7.8	2.2	540	348
K269403		0.08	0.6	0.998	1.67	18.5	19.1	2.87	2990	5.74	0.01	4.5	1.4	280	432
K269404		0.15	1.0	0.083	2.97	29.9	15.2	1.08	2820	3.03	0.01	8.1	2.5	540	208
K269405		0.12	1.1	0.076	3.12	16.6	55.8	0.58	1250	1.48	0.10	9.0	2.4	590	74.9
K269406		0.14	1.2	0.216	3.50	29.7	32.1	0.87	1440	1.34	0.04	8.5	2.4	550	614
G0561918		1.02	0.6	6.86	0.41	7.0	7.2	0.84	387	40.4	0.02	1.9	62.9	380	>10000
K269407		0.16	0.9	2.46	2.48	19.9	48.8	0.61	1380	2.51	0.02	7.1	1.9	450	4690
K269409		0.11	1.4	0.054	2.97	20.5	20.8	0.67	628	1.91	1.82	9.2	2.4	580	25.1
K269424		0.12	1.0	0.090	2.95	25.7	36.0	0.78	1560	2.16	0.06	8.0	2.5	530	120.0
K269425		0.15	0.9	8.50	2.92	24.7	19.0	1.16	1290	2.13	0.06	7.3	2.2	530	5810
K269427		0.13	1.1	0.253	3.02	25.6	19.9	0.78	682	2.79	1.24	8.9	2.6	600	176.5
K269453		0.13	3.6	0.056	2.84	22.9	74.4	0.94	596	0.42	0.40	10.7	4.8	760	35.8
K269454		0.18	1.5	1.860	2.85	24.1	32.5	0.71	2330	4.52	0.10	7.5	3.6	530	1470
K269455		0.12	1.0	0.119	3.12	17.3	197.0	0.62	1260	3.12	0.08	8.7	2.2	580	123.0
K269457		0.17	1.1	1.720	2.60	23.3	43.5	0.46	1920	2.77	0.02	6.5	2.4	440	2600
K269458		0.11	1.1	0.062	2.97	20.9	73.5	0.72	963	1.88	1.07	8.6	2.4	570	79.9
K269459		0.16	0.8	6.97	2.61	20.3	15.4	0.47	1280	7.98	0.01	6.0	2.4	420	2520
K269461		0.13	1.1	0.069	2.94	20.9	22.5	0.78	896	2.30	1.72	8.9	2.5	610	37.1
K269462		0.13	1.1	0.075	3.11	22.6	19.3	0.79	824	0.73	1.72	8.8	2.6	600	46.2



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026723**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K972980		<0.002	1.11	13.55	10.3	1	1.7	142.5	0.58	0.09	11.0	0.216	2.83	4.2	61	3.5
K269365		0.004	>10.0	14.50	7.8	4	6.1	24.3	0.31	12.65	7.5	0.134	1.99	3.4	67	3.2
K269366		<0.002	0.55	1.92	11.0	2	2.5	314	0.59	0.15	9.0	0.250	1.51	2.9	74	2.9
K271813		<0.002	<0.01	0.11	0.3	2	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	3	0.1
K269367		<0.002	0.32	1.19	9.8	1	1.8	361	0.69	0.16	10.6	0.252	1.16	3.5	72	2.2
K269368		<0.002	1.53	16.10	9.5	2	2.6	145.0	0.61	0.10	12.2	0.226	2.72	4.3	64	3.1
K269378		<0.002	0.02	1.59	10.1	2	1.5	364	0.68	<0.05	10.5	0.251	1.13	3.6	68	1.7
K269379		<0.002	2.75	36.7	9.5	2	2.7	104.0	0.51	0.08	9.9	0.203	2.43	4.7	58	3.4
K269380		0.002	0.03	1.73	10.8	2	1.6	340	0.61	<0.05	11.5	0.249	1.24	3.3	67	2.5
K269394		<0.002	0.27	16.85	10.8	1	2.1	114.5	0.61	<0.05	11.5	0.241	2.11	3.5	65	3.5
K269395		<0.002	2.54	55.8	9.4	1	6.7	66.1	0.52	<0.05	10.6	0.194	2.96	4.8	55	6.3
K269396		<0.002	0.62	18.60	12.2	1	2.5	129.5	0.70	<0.05	11.8	0.272	2.91	4.2	79	3.4
K269398		<0.002	2.00	39.6	10.0	2	4.2	216	0.55	<0.05	11.8	0.211	2.54	3.9	58	4.1
K269399		<0.002	0.47	8.70	10.8	1	2.2	154.5	0.67	<0.05	11.1	0.256	2.82	4.9	70	4.9
K269400		<0.002	0.39	8.48	10.6	1	2.2	211	0.65	<0.05	11.5	0.243	2.54	4.3	65	4.9
G0561917		0.020	1.65	153.5	8.0	4	348	710	0.44	0.09	5.0	0.226	3.76	1.1	77	19.7
K269401		0.002	0.21	13.00	11.0	1	2.0	135.5	0.70	<0.05	13.7	0.254	2.14	3.7	68	2.4
K269402		<0.002	1.36	17.40	10.3	2	4.1	180.5	0.63	<0.05	13.0	0.224	3.15	6.7	61	5.4
K269403		<0.002	1.33	19.75	6.2	1	6.9	211	0.35	<0.05	7.7	0.127	1.86	3.8	36	4.7
K269404		<0.002	0.50	17.80	11.3	1	3.3	92.5	0.63	<0.05	14.0	0.232	3.79	5.8	65	8.4
K269405		<0.002	0.11	8.68	10.9	1	2.5	117.5	0.70	<0.05	10.2	0.268	2.27	2.8	72	4.7
K269406		0.002	1.17	12.95	11.1	1	3.9	104.5	0.72	<0.05	14.8	0.245	3.23	5.4	66	3.7
G0561918		0.033	>10.0	261	3.3	223	107.5	40.9	0.10	0.77	1.1	0.041	35.8	4.0	57	1.9
K269407		<0.002	6.28	46.1	9.0	3	16.0	94.6	0.59	0.09	11.3	0.193	2.64	3.9	51	3.2
K269409		<0.002	0.11	2.61	10.6	1	1.8	326	0.81	<0.05	11.7	0.256	1.63	4.4	69	1.3
K269424		<0.002	0.30	23.1	10.2	1	2.0	124.0	0.64	<0.05	11.6	0.226	2.78	3.8	61	4.2
K269425		<0.002	2.95	45.7	10.4	3	3.7	156.5	0.58	0.05	11.1	0.222	2.81	4.3	63	16.2
K269427		<0.002	0.52	5.62	11.7	2	2.1	245	0.71	0.09	13.9	0.254	1.72	4.8	70	2.7
K269453		<0.002	0.03	7.60	7.9	1	1.4	569	0.80	<0.05	8.6	0.294	1.73	5.0	71	1.4
K269454		<0.002	4.79	68.3	9.4	2	4.3	181.0	0.60	0.14	10.9	0.217	2.39	5.3	60	3.3
K269455		<0.002	0.73	9.64	10.6	1	2.4	200	0.70	<0.05	10.7	0.246	2.09	3.3	66	5.0
K269457		<0.002	6.08	105.5	8.7	2	6.9	90.8	0.53	0.17	10.8	0.183	2.61	4.0	53	5.3
K269458		0.002	0.31	5.98	11.0	1	2.0	271	0.70	<0.05	12.0	0.248	2.01	4.3	67	2.8
K269459		<0.002	5.78	57.2	8.9	2	6.8	54.4	0.47	0.08	10.4	0.176	2.64	4.5	50	4.6
K269461		<0.002	0.31	2.66	11.4	1	2.0	343	0.71	0.45	10.5	0.262	1.84	3.9	73	3.0
K269462		<0.002	0.26	3.36	11.4	1	2.1	352	0.69	0.14	11.4	0.263	1.96	4.3	72	2.0



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**CERTIFICATE OF ANALYSIS WH12026723**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K972980		13.9	83	27.9				
K269365		7.5	2740	16.5				
K269366		15.1	82	28.8				
K271813		1.0	15	<0.5				
K269367		15.9	61	31.4				
K269368		13.9	1460	26.6				
K269378		14.9	49	37.8				
K269379		13.0	2190	24.2				
K269380		15.5	77	28.8				
K269394		13.6	232	25.7				
K269395		11.9	2500	21.2				
K269396		15.9	414	27.3				
K269398		13.0	7110	21.9				
K269399		15.0	157	26.4				
K269400		14.9	82	24.4				
G0561917		11.7	7050	14.6	106			
K269401		15.8	57	26.0				
K269402		14.6	1460	25.4				
K269403		10.7	4460	15.8				
K269404		13.3	428	26.2				
K269405		12.8	151	29.6				
K269406		15.6	910	30.7				
G0561918		7.6	>10000	17.6	162	1.280	1.570	9.35
K269407		11.7	>10000	22.7				1.295
K269409		16.1	66	34.2				
K269424		16.4	291	26.4				
K269425		16.2	>10000	23.4				2.10
K269427		16.0	596	29.3				
K269453		13.9	141	128.0				
K269454		12.9	7930	47.9				
K269455		13.7	212	25.8				
K269457		10.8	4020	31.8				
K269458		16.1	150	28.7				
K269459		10.1	9650	21.4				
K269461		15.9	90	27.2				
K269462		15.9	88	28.1				



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026724**

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P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026724**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K269463		5.83	7.12	133.0	1680	1.49	6.05	2.29	38.9	48.9	6.2	6	18.15	78.0	4.17	16.20
K269464		10.35	6.93	355	760	1.42	4.29	1.74	48.5	47.8	6.3	7	15.05	119.5	6.52	15.45
K269465		0.13	7.19	8.4	2160	1.44	0.34	2.49	0.32	45.8	7.2	10	13.05	7.6	2.87	16.70
K269467		1.19	6.76	38.9	930	1.43	0.89	2.35	4.49	49.1	7.7	8	11.95	43.5	3.38	16.10
K269468		55.0	4.98	1085	330	0.94	52.7	1.14	16.55	26.8	10.4	5	10.35	1870	14.15	10.70
K269469		0.60	6.87	59.8	2580	1.55	0.55	2.66	2.96	41.5	7.4	8	15.30	22.6	3.19	16.75
K269470		0.64	7.15	14.4	2790	1.58	0.38	2.64	4.03	44.3	7.6	9	15.10	9.4	3.03	17.05
G0561919		>100	7.72	49.5	1600	1.28	1.59	2.40	59.0	32.3	12.6	19	2.63	4610	3.91	21.7
K269471		0.72	7.23	19.6	1960	1.54	1.23	2.01	0.83	50.7	7.4	6	18.05	11.4	3.24	15.90
K269472		0.60	7.16	34.8	1010	1.48	0.81	1.96	1.48	48.4	7.8	5	23.0	12.3	3.22	16.25
K269473		16.45	6.42	266	1300	1.47	10.35	1.32	216	45.2	6.1	6	20.7	244	3.47	14.60
K269474		3.55	6.96	106.0	1680	1.61	0.74	2.14	3.23	47.5	6.9	5	18.35	19.2	3.07	15.85
K269492		0.19	7.39	20.8	2640	1.59	0.29	2.41	0.69	44.9	7.2	10	14.85	5.3	2.83	16.40
K269493		15.90	4.94	1185	450	1.15	1.32	1.71	40.6	31.4	8.7	7	9.33	72.7	4.78	11.95
K269494		1.32	6.89	50.8	1300	1.25	0.87	2.15	6.29	50.0	6.4	6	20.4	16.0	3.02	15.30
G0561920		>100	1.36	920	290	0.30	60.6	1.81	508	12.10	27.4	32	0.73	>10000	17.05	17.85
K972159		8.76	5.49	315	230	1.73	9.96	1.01	21.8	32.5	101.5	2	32.6	198.0	11.60	11.70
K972160		2.11	3.53	88.3	550	1.17	2.04	6.27	10.60	30.1	144.5	4	9.66	22.3	5.66	6.22
K972161		0.45	3.13	19.3	870	0.97	0.53	6.26	1.06	27.8	25.6	4	13.60	4.4	2.14	6.50
K972162		1.71	3.99	68.5	440	0.94	2.50	5.59	3.89	41.5	60.7	4	15.90	26.6	4.94	7.86
K972163		1.24	3.12	88.7	300	0.70	1.91	8.15	5.48	36.6	117.0	4	15.55	17.9	5.65	5.99
K972164		4.44	3.20	224	200	0.96	5.00	4.69	18.20	25.8	106.0	3	22.1	73.6	9.14	6.28
K972165		7.95	4.70	345	70	0.98	15.70	2.06	8.09	15.45	109.0	4	18.80	69.5	16.55	10.50
K972166		5.86	7.03	239	170	2.09	7.91	1.61	5.18	39.4	128.0	7	45.1	167.0	9.94	15.65
K972167		3.11	3.89	198.0	230	1.35	4.17	1.03	2.72	25.3	125.0	4	29.0	57.4	6.75	7.94
K972168		3.97	4.23	157.0	290	1.18	4.16	0.72	8.94	38.7	105.0	5	16.90	99.6	5.02	9.34
K972169		11.45	3.36	314	250	0.95	14.85	1.41	14.60	19.80	300	6	21.2	152.0	12.60	6.74
K972171		15.60	5.84	176.0	390	1.42	28.9	1.08	6.51	39.7	87.4	7	13.90	94.7	5.79	12.90
K972172		5.79	6.17	294	260	2.27	6.97	0.48	16.25	47.5	139.5	8	33.2	108.0	8.27	12.65
K271852		0.02	0.12	<5	20	0.06	0.04	20.1	0.08	1.78	1.4	1	0.36	3.7	0.43	0.37
K972173		16.40	5.64	480	280	1.55	26.0	0.41	3.96	35.8	332	6	23.6	88.5	15.80	10.65
K972175		10.40	4.86	486	130	1.39	13.00	1.39	3.52	25.9	320	5	16.95	201	14.65	10.20
K972176		8.35	6.25	428	380	1.26	10.55	0.50	11.15	36.4	368	9	9.66	71.2	13.70	14.50
K972177		9.15	3.73	281	120	1.25	10.35	2.22	34.3	6.43	185.5	3	16.05	107.0	7.78	8.20
K972178		3.21	6.82	195.0	510	1.25	3.33	0.74	10.35	33.6	27.2	10	6.52	74.1	4.14	14.35
K972179		3.85	5.73	430	460	1.33	3.97	0.39	5.34	27.2	90.3	8	15.85	73.1	5.00	12.15



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026724**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K269463		0.16	1.1	1.195	3.15	25.9	54.2	0.84	2270	1.19	0.36	7.4	2.4	530	802	170.5
K269464		0.20	0.9	0.418	3.11	25.0	55.1	0.70	1860	1.66	0.17	7.0	2.0	530	3090	177.0
K269465		0.16	1.0	0.045	2.63	23.4	12.9	0.69	524	2.61	2.01	7.9	2.2	570	24.5	116.5
K269467		0.18	0.9	0.098	3.24	24.9	25.8	0.60	1200	4.22	0.71	6.9	2.3	530	219	168.5
K269468		0.28	0.6	2.09	2.29	13.2	26.1	0.43	878	2.42	0.14	5.0	1.5	360	1015	128.0
K269469		0.14	1.0	0.082	2.92	19.8	34.5	0.71	1080	2.67	1.38	7.9	2.3	560	104.0	120.0
K269470		0.16	1.0	0.082	2.63	21.7	22.5	0.75	778	1.51	1.85	7.9	2.7	580	145.5	106.5
G0561919		0.15	0.6	13.30	2.18	16.4	11.4	0.71	601	41.4	2.53	7.1	11.6	830	9340	71.3
K269471		0.16	0.9	0.047	2.78	27.3	120.5	0.72	869	2.24	0.07	5.9	2.4	540	49.9	157.0
K269472		0.15	1.1	0.048	2.68	24.8	98.4	0.68	967	1.98	0.06	6.9	2.4	540	65.6	117.0
K269473		0.16	0.9	2.53	2.57	24.0	67.1	0.51	1260	6.15	0.14	6.6	2.3	460	2800	149.5
K269474		0.16	1.0	0.104	2.39	24.8	168.5	0.70	1320	4.13	0.59	7.2	2.0	550	154.5	123.0
K269492		0.16	1.0	0.045	2.83	21.9	76.6	0.72	852	2.76	1.68	8.0	2.2	560	26.9	117.5
K269493		0.16	0.7	0.767	2.14	15.9	27.3	0.66	4100	16.25	0.03	4.5	2.2	350	1140	150.5
K269494		0.15	0.9	0.123	2.76	27.7	64.2	0.80	1680	3.30	0.03	6.5	2.1	500	303	162.5
G0561920		1.12	0.6	6.87	0.40	6.7	7.7	0.84	387	38.2	0.02	1.8	51.5	380	>10000	16.7
K972159		0.25	0.6	0.473	2.02	18.3	35.9	0.50	716	15.05	0.03	4.0	4.1	290	902	135.5
K972160		0.20	0.5	0.487	1.25	17.9	49.7	1.10	1550	18.95	0.02	3.8	5.4	220	342	85.1
K972161		0.11	0.5	0.088	1.11	16.7	68.6	0.81	1230	4.02	0.02	3.3	1.6	210	43.1	73.1
K972162		0.17	0.6	0.150	1.20	27.1	65.2	0.82	1150	6.38	0.03	4.0	2.3	270	185.5	80.7
K972163		0.18	0.4	0.181	1.14	23.0	44.2	0.34	737	4.30	0.02	3.0	3.2	200	193.0	79.3
K972164		0.24	0.4	0.442	1.18	16.0	53.0	0.78	1040	10.70	0.02	2.8	3.7	140	385	79.3
K972165		0.38	0.4	0.385	1.85	8.1	23.7	0.53	562	9.93	0.03	2.6	3.5	250	421	111.0
K972166		0.28	1.0	0.353	2.49	21.3	36.8	0.64	605	11.75	0.03	6.5	4.6	480	235	151.5
K972167		0.19	0.6	0.220	1.36	14.6	57.0	0.40	353	13.45	0.03	3.9	4.6	260	228	97.5
K972168		0.17	0.6	0.351	1.68	24.3	59.6	0.34	287	11.15	0.02	4.5	3.6	310	259	122.0
K972169		0.29	0.4	0.647	1.21	10.9	36.2	0.54	593	14.00	0.02	2.8	6.7	180	700	82.0
K972171		0.21	0.8	0.339	2.41	22.1	31.7	0.49	508	14.00	0.03	6.0	3.4	430	486	168.0
K972172		0.24	1.2	0.460	1.71	28.8	43.4	0.32	256	29.9	0.03	7.0	4.5	460	556	125.5
K271852		0.05	<0.1	<0.005	0.05	0.8	1.6	12.20	188	0.12	0.01	0.4	1.2	330	3.5	2.6
K972173		0.36	0.9	0.381	1.82	20.0	23.6	0.28	228	28.5	0.03	5.5	6.5	310	529	126.0
K972175		0.35	0.7	0.386	1.61	13.9	26.7	0.50	770	47.2	0.03	4.1	7.2	230	274	104.0
K972176		0.34	0.9	0.364	2.76	20.3	11.3	0.34	246	65.3	0.03	6.5	7.2	720	663	174.5
K972177		0.20	0.4	1.365	1.35	1.5	38.7	0.56	1030	55.5	0.02	3.0	5.0	230	504	86.4
K972178		0.16	0.8	0.400	3.14	17.3	8.0	0.49	1370	3.77	0.03	6.0	2.1	500	488	201
K972179		0.17	0.7	0.291	2.39	14.7	29.2	0.35	742	12.40	0.02	5.1	3.0	380	296	158.0



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Finalized Date: 14-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026724**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K269463		<0.002	1.57	6.96	9.5	1	4.4	172.0	0.59	0.13	11.7	0.229	2.57	4.3	63	3.0
K269464		<0.002	4.53	11.90	9.5	1	5.0	112.5	0.56	0.12	10.8	0.221	2.56	4.2	61	4.5
K269465		<0.002	0.56	1.58	9.9	1	1.7	519	0.64	0.16	11.9	0.245	1.37	4.1	66	4.4
K269467		<0.002	1.79	2.90	9.8	1	2.5	241	0.57	0.35	11.5	0.213	2.30	4.7	62	4.1
K269468		<0.002	>10.0	33.7	6.3	1	8.3	79.6	0.41	0.36	6.8	0.156	1.69	3.2	42	2.5
K269469		<0.002	0.86	4.36	9.5	1	2.3	331	0.62	0.13	10.2	0.242	1.79	3.7	66	3.6
K269470		<0.002	0.71	2.68	9.9	1	1.8	621	0.62	0.15	11.2	0.249	1.40	3.8	67	2.3
G0561919		0.023	1.61	148.5	7.1	4	345	691	0.41	0.14	5.2	0.229	3.59	1.2	78	19.3
K269471		<0.002	2.12	11.05	9.4	1	1.7	153.5	0.49	0.33	12.6	0.185	2.22	5.4	59	4.5
K269472		<0.002	1.65	11.05	9.6	1	1.8	163.5	0.58	0.27	12.4	0.222	2.02	5.8	64	4.7
K269473		<0.002	2.61	33.0	8.3	2	2.4	121.5	0.56	0.12	11.7	0.204	2.37	4.8	56	4.7
K269474		<0.002	1.12	14.05	9.4	1	1.7	211	0.57	0.13	12.1	0.231	2.13	4.2	64	6.1
K269492		<0.002	0.46	4.96	9.8	1	1.5	340	0.64	0.08	12.0	0.252	1.49	3.8	64	1.9
K269493		<0.002	3.59	97.4	7.4	1	4.0	128.5	0.37	0.15	7.5	0.142	2.36	5.3	44	4.2
K269494		<0.002	1.59	15.65	9.1	1	1.7	137.5	0.54	0.20	11.7	0.211	2.62	6.0	58	3.5
G0561920		0.031	>10.0	262	2.7	227	113.5	42.6	0.10	0.81	1.0	0.052	31.7	4.1	56	1.7
K972159		0.002	>10.0	76.2	6.8	3	10.4	40.9	0.34	1.51	6.9	0.129	1.81	7.1	44	5.3
K972160		0.004	4.84	46.7	5.1	3	2.3	122.5	0.28	0.81	7.1	0.093	1.19	7.0	31	2.4
K972161		<0.002	0.95	57.5	6.3	2	2.1	141.5	0.27	0.20	6.1	0.088	1.05	6.4	34	2.4
K972162		<0.002	4.15	46.7	5.9	2	3.5	149.0	0.30	0.62	7.5	0.104	1.13	6.8	37	3.4
K972163		0.002	5.79	42.5	3.4	2	3.9	211	0.24	0.67	6.0	0.076	1.02	8.1	24	3.3
K972164		0.002	9.44	58.3	3.3	4	5.6	95.7	0.21	1.04	5.9	0.078	1.09	9.1	24	3.1
K972165		0.003	>10.0	27.5	5.1	4	11.1	50.2	0.18	3.06	6.3	0.088	1.59	5.2	37	5.0
K972166		0.003	9.20	63.4	9.7	3	11.2	66.6	0.53	1.60	11.9	0.191	2.33	18.0	60	7.7
K972167		0.002	6.70	60.2	5.2	3	6.6	41.6	0.30	1.06	7.3	0.109	1.40	6.4	31	4.1
K972168		0.003	4.87	67.7	6.0	2	10.7	29.7	0.34	0.86	7.5	0.123	1.34	4.0	34	4.0
K972169		0.003	>10.0	61.2	3.8	4	10.5	35.6	0.21	5.51	4.7	0.078	1.14	3.3	24	4.8
K972171		0.003	5.22	43.2	9.8	2	15.5	36.9	0.44	1.29	10.2	0.166	1.95	5.0	53	6.6
K972172		0.004	7.73	49.9	7.5	3	11.9	39.0	0.54	1.24	13.2	0.188	1.94	8.5	52	10.2
K271852		<0.002	0.05	0.22	0.3	2	<0.2	46.3	<0.05	<0.05	0.6	<0.005	0.02	1.3	3	0.1
K972173		0.006	>10.0	48.2	5.0	4	11.7	31.8	0.46	4.38	9.8	0.148	2.28	6.0	39	9.2
K972175		0.006	>10.0	85.6	3.7	5	11.7	56.7	0.33	3.01	6.1	0.111	1.84	4.8	36	8.8
K972176		0.007	>10.0	43.8	7.2	6	11.1	23.8	0.54	3.48	10.3	0.204	2.34	5.1	46	9.2
K972177		0.002	8.12	73.7	3.3	3	8.1	68.7	0.23	1.70	3.3	0.092	1.96	9.9	29	7.4
K972178		<0.002	2.89	14.35	9.9	1	7.7	18.0	0.47	0.32	11.6	0.190	2.38	2.5	52	3.9
K972179		<0.002	4.41	37.4	7.6	2	8.7	22.5	0.40	0.94	9.3	0.165	2.01	5.0	45	3.7





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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026724**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K269463		13.3	3020	29.9				
K269464		12.4	4450	23.1				
K269465		15.4	60	24.9				
K269467		13.3	445	23.9				
K269468		9.7	1330	15.6				
K269469		14.2	234	25.2				
K269470		14.9	283	26.1				
G0561919		11.2	7500	15.7	100			
K269471		12.5	87	24.2				
K269472		13.8	145	27.1				
K269473		12.1	>10000	22.4				1.540
K269474		13.2	260	25.6				
K269492		15.2	83	24.5				
K269493		8.9	3380	18.7				
K269494		13.4	508	24.9				
G0561920		7.1	>10000	17.8	163	1.295	1.510	9.76
K972159		8.7	1960	15.4				
K972160		12.8	933	13.2				
K972161		10.3	119	14.0				
K972162		9.9	413	16.5				
K972163		7.5	558	11.9				
K972164		6.5	1880	11.2				
K972165		5.8	635	11.8				
K972166		8.5	527	28.2				
K972167		6.4	232	15.4				
K972168		7.6	824	17.0				
K972169		6.1	1400	9.6				
K972171		9.6	643	22.0				
K972172		12.0	1560	35.3				
K271852		1.0	16	0.8				
K972173		9.3	364	25.3				
K972175		7.6	278	18.9				
K972176		10.1	1220	26.4				
K972177		7.2	2630	11.9				
K972178		8.5	1140	21.6				
K972179		9.0	577	18.5				



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Finalized Date: 14-MAR-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12026724**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026780**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 14-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026780**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K972180		3.52	4.54	446	290	1.00	1.88	1.77	41.4	38.3	13.6	12	8.20	33.0	4.71	11.55
K972199		0.26	7.88	28.3	1110	1.47	0.23	1.80	0.50	56.1	8.4	11	15.70	4.5	3.03	17.40
K972200		45.9	7.34	162.0	1630	1.44	71.4	1.84	41.1	49.9	9.4	10	22.4	288	4.11	16.40
K972201		0.48	8.03	128.0	1220	1.48	0.22	2.10	5.77	56.6	8.7	13	26.6	14.0	3.02	18.10
K972203		0.54	7.52	59.5	1320	1.74	0.47	2.63	0.84	47.8	8.5	14	20.6	16.1	3.78	17.30
K972204		6.06	6.91	1315	1270	1.49	2.03	2.01	19.05	48.4	9.1	12	15.05	215	4.85	15.50
K972205		1.13	7.01	194.0	1250	1.70	0.49	2.81	5.85	49.8	6.8	14	16.80	15.6	4.69	15.50
K271858		0.02	0.10	7	30	0.09	0.04	21.3	0.12	1.77	1.5	1	0.25	1.8	0.43	0.33
K972206		4.46	6.37	204	1140	1.40	4.89	2.49	31.0	44.6	19.8	15	10.50	73.5	4.31	14.70
K972207		1.08	6.91	108.0	1100	1.40	0.65	3.35	1.40	43.3	10.0	13	12.05	61.1	2.62	15.10
K972209		3.76	4.77	301	350	1.12	3.28	2.75	9.24	20.9	199.0	10	9.65	57.6	7.50	10.75
K972210		4.61	6.69	225	190	1.42	4.12	0.41	15.15	20.5	31.8	13	5.45	120.0	5.02	15.85
K972211		60.5	5.03	763	560	1.04	67.2	1.65	386	38.5	13.3	13	9.45	733	7.22	12.30
K972212		2.49	7.36	126.0	1060	1.41	2.15	1.79	20.6	53.6	12.7	7	14.75	43.3	3.08	16.50
K972217		1.44	7.66	74.0	1440	1.63	0.78	2.91	5.42	85.9	6.4	7	11.45	44.6	2.90	16.80
G0561921		>100	7.96	45.8	1600	1.47	1.64	2.50	60.3	31.1	14.5	22	2.70	4720	4.17	22.0
K972218		27.5	5.76	1760	1050	1.22	16.00	1.58	90.3	30.0	5.2	7	7.99	475	5.86	13.55
K972220		2.47	7.30	91.3	1190	1.33	0.46	2.09	24.4	42.5	2.8	8	8.44	23.5	3.13	16.20
K972225		7.32	7.40	215	580	1.29	6.24	1.41	21.8	54.9	10.6	10	20.0	140.5	4.08	16.85
K972226		2.52	7.63	3030	840	1.73	0.46	1.50	20.2	51.7	10.1	12	18.95	19.7	4.53	16.25
K972227		7.73	6.48	502	750	1.38	0.41	2.89	12.85	41.9	7.0	9	14.95	242	3.63	13.85
K972233		0.27	7.51	20.4	1560	1.96	0.13	1.81	0.65	65.8	5.4	15	20.4	6.5	2.56	19.45
K972234		13.05	5.76	1075	700	1.12	4.50	3.91	55.9	34.3	5.1	6	16.25	51.6	4.68	12.50
K972235		5.47	7.37	229	930	1.40	0.58	2.15	18.35	46.9	5.3	10	17.95	210	4.08	15.20
K972242		0.25	7.32	16.2	1420	1.56	0.10	3.71	0.25	54.1	6.2	11	27.0	6.6	2.68	17.95
K972243		20.0	6.90	1100	570	1.40	5.42	0.54	83.2	41.7	9.0	10	13.70	214	6.28	16.10
K972244		6.79	7.30	704	470	1.57	0.59	1.02	15.35	53.1	9.1	10	13.70	197.5	5.02	15.95
K972636		0.21	7.51	14.6	2150	1.57	0.19	2.87	0.82	48.7	7.3	13	13.95	7.2	3.33	16.10
K972637		9.59	7.02	140.0	320	1.37	7.75	2.55	174.5	48.8	11.5	11	13.15	183.0	4.92	15.00
G0561922		>100	1.37	877	270	0.26	57.6	1.76	512	12.10	26.4	31	0.69	>10000	17.00	15.95
K972639		6.81	7.33	1020	1970	1.58	12.10	2.50	8.78	44.8	7.0	10	17.20	64.2	3.43	15.35
K972640		0.83	7.00	27.9	1710	1.30	0.71	2.28	0.60	42.9	6.2	11	15.20	131.0	3.06	15.15
K972641		1.34	7.33	1540	1130	1.50	0.46	1.92	20.7	48.5	6.2	11	18.70	18.2	3.89	15.25
K972642		0.16	7.17	8.1	2080	1.46	0.11	2.47	0.24	45.5	5.8	11	14.70	8.2	2.78	15.50
K972643		>100	3.28	3030	350	0.54	468	1.25	37.4	22.1	24.6	6	5.60	1575	23.7	6.98
K972644		10.25	7.48	30.7	2060	1.52	20.1	2.57	2.81	52.0	7.3	10	14.35	36.9	3.41	16.60



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Plus Appendix Pages  
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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026780**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K972180		0.15	0.4	1.370	2.02	19.7	22.3	0.73	2700	3.00	0.03	4.1	2.6	350	662	126.5
K972199		0.15	1.0	0.074	2.09	29.7	111.0	0.63	916	1.71	0.06	8.4	1.9	630	21.7	89.9
K972200		0.19	0.9	1.565	1.56	26.4	148.0	0.65	992	2.43	0.03	7.7	2.4	570	779	81.0
K972201		0.16	1.0	0.095	3.04	30.3	24.7	0.83	912	1.71	0.04	8.5	2.1	630	74.8	131.5
K972203		0.16	1.0	0.079	2.64	23.6	170.0	0.67	1220	1.62	0.08	8.1	2.1	600	36.0	91.5
K972204		0.19	0.8	0.479	2.97	26.5	19.4	0.82	1960	4.85	0.03	6.7	2.2	520	620	171.5
K972205		0.19	0.9	0.172	3.02	27.5	15.5	1.15	3270	2.11	0.03	7.4	2.1	500	217	166.5
K271858		0.05	<0.1	0.005	0.04	0.8	1.4	12.85	193	0.10	0.01	0.3	<0.2	830	3.1	1.9
K972206		0.15	0.8	1.580	2.86	23.9	20.5	1.00	1320	3.48	0.04	6.2	2.6	480	295	178.5
K972207		0.14	0.9	0.118	2.85	22.2	64.6	1.05	1140	2.23	0.04	6.7	2.1	540	49.8	159.0
K972209		0.18	0.5	0.356	2.06	10.4	19.3	0.54	845	15.10	0.03	3.8	5.2	310	273	120.0
K972210		0.16	0.8	0.684	3.36	9.5	5.3	0.41	785	14.85	0.03	5.1	2.4	470	366	207
K972211		0.19	0.6	7.09	2.19	21.2	18.6	0.54	2240	11.90	0.03	4.8	2.9	370	2190	112.5
K972212		0.15	1.1	0.563	2.64	28.4	68.2	0.50	1070	1.76	0.07	7.9	2.1	580	183.5	120.0
K972217		0.16	0.8	0.206	3.09	51.1	121.5	0.95	1580	0.68	0.06	7.1	2.5	630	192.5	165.5
G0561921		0.15	0.4	14.45	2.32	15.7	13.4	0.71	622	39.4	2.66	7.1	12.3	840	9340	60.2
K972218		0.18	0.6	2.85	2.67	15.2	20.1	0.34	1840	17.70	0.04	5.2	1.9	420	1500	140.0
K972220		0.14	1.0	0.265	3.35	23.3	35.8	0.68	1840	1.34	0.06	6.9	2.7	540	997	193.0
K972225		0.15	1.1	0.718	3.22	28.6	27.3	0.63	1180	3.34	0.05	7.3	2.4	530	415	195.5
K972226		0.14	1.0	0.735	2.84	28.7	116.0	0.67	1160	3.48	0.04	8.0	2.5	610	491	178.0
K972227		0.14	0.9	0.249	2.80	22.3	16.7	1.03	3420	6.68	0.03	6.3	2.2	460	447	175.0
K972233		0.14	3.5	0.019	2.62	33.6	224	0.81	607	1.78	0.05	10.8	4.9	1020	23.0	98.7
K972234		0.13	0.9	0.469	2.26	17.6	31.1	1.09	5600	4.90	0.03	5.5	2.5	450	744	135.0
K972235		0.14	1.0	0.385	3.12	24.4	68.4	0.78	2280	0.55	0.05	6.9	2.0	540	307	183.0
K972242		0.19	3.3	0.022	2.92	26.3	32.0	1.08	594	0.94	0.30	9.9	4.2	750	19.2	123.5
K972243		0.14	1.6	0.865	2.97	20.4	27.1	0.50	1080	6.64	0.04	7.5	3.0	540	2100	187.0
K972244		0.14	1.2	0.225	3.29	25.5	18.8	0.67	2420	1.82	0.03	7.3	2.7	540	754	216
K972636		0.13	1.2	0.063	2.86	23.2	21.1	0.80	910	0.80	1.80	8.4	5.1	610	36.2	121.0
K972637		0.14	1.1	2.55	3.02	24.5	27.4	0.72	1680	0.57	1.06	7.1	2.1	510	672	138.0
G0561922		0.97	0.6	6.51	0.40	6.9	7.3	0.83	386	34.1	0.02	1.8	53.6	390	>10000	16.4
K972639		0.12	1.1	0.181	2.93	23.1	80.9	0.70	1010	0.99	1.24	7.8	2.7	570	123.5	131.5
K972640		0.12	1.0	0.060	2.48	20.7	219	0.72	682	0.58	1.03	7.7	2.2	580	22.0	103.0
K972641		0.12	1.1	0.364	2.70	25.1	202	0.69	2490	0.69	0.37	7.3	2.3	540	155.0	140.5
K972642		0.14	1.1	0.032	2.87	21.8	64.4	0.69	565	0.57	1.60	8.0	2.0	550	17.0	118.5
K972643		0.15	0.4	1.730	1.50	10.9	21.0	0.52	1340	1.66	0.06	3.0	1.6	210	1130	88.8
K972644		0.13	1.2	0.131	3.06	25.3	27.1	0.74	846	1.91	1.70	8.2	2.3	580	130.0	132.5



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026780**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K972180		<0.002	3.25	24.5	7.0	2	4.6	54.2	0.33	0.13	6.9	0.131	2.00	6.6	43	3.0
K972199		<0.002	0.50	18.95	12.2	2	2.9	84.1	0.75	0.05	13.2	0.255	1.59	3.4	74	4.7
K972200		<0.002	1.76	108.0	11.2	2	3.2	145.5	0.69	0.08	12.1	0.238	1.55	3.9	68	10.6
K972201		<0.002	0.74	8.76	11.8	2	2.5	250	0.72	<0.05	13.5	0.260	3.06	3.4	74	4.3
K972203		<0.002	0.42	15.60	10.8	1	2.4	150.0	0.69	0.06	11.2	0.251	2.12	3.0	71	3.7
K972204		0.002	3.12	89.0	10.2	2	5.2	74.9	0.59	0.07	10.9	0.223	3.06	4.5	63	6.2
K972205		<0.002	1.88	14.65	10.1	1	3.2	84.0	0.71	<0.05	13.0	0.220	3.52	5.5	60	6.7
K271858		<0.002	0.03	0.44	0.4	1	<0.2	49.6	<0.05	<0.05	0.2	<0.005	0.02	1.2	3	0.2
K972206		<0.002	2.71	22.9	10.3	2	4.3	82.1	0.55	0.20	11.0	0.201	2.82	5.4	61	4.5
K972207		<0.002	0.76	30.8	10.8	2	2.7	126.0	0.57	0.14	13.1	0.211	2.41	7.1	63	6.4
K972209		0.003	7.25	30.4	6.4	3	7.7	108.0	0.33	0.58	7.5	0.121	1.83	8.8	43	4.6
K972210		0.006	4.51	33.9	10.3	1	5.6	23.0	0.45	0.26	9.5	0.179	2.51	4.5	65	5.6
K972211		0.002	7.71	62.6	7.2	4	8.6	62.3	0.44	0.27	8.5	0.154	2.24	4.2	45	4.5
K972212		<0.002	1.30	19.55	11.4	2	5.0	91.7	0.79	0.10	14.0	0.235	2.09	4.2	65	3.8
K972217		0.002	1.02	24.7	11.9	2	4.3	87.0	0.61	0.06	12.4	0.236	2.78	4.4	71	3.5
G0561921		0.023	1.68	158.0	7.6	5	351	717	0.44	0.13	5.0	0.239	3.77	1.1	83	20.4
K972218		0.002	5.14	113.0	8.3	2	5.4	41.7	0.46	0.20	9.0	0.174	2.56	4.2	53	3.8
K972220		0.003	1.23	8.07	10.4	<1	3.3	44.4	0.52	<0.05	12.2	0.222	2.74	4.0	65	2.8
K972225		0.003	2.64	18.45	10.4	1	4.1	69.0	0.60	0.44	12.7	0.232	2.74	5.1	63	4.4
K972226		0.003	2.36	21.5	12.1	<1	4.1	141.0	0.66	<0.05	12.9	0.265	2.66	4.2	72	3.7
K972227		0.004	2.05	79.6	8.8	1	3.1	76.6	0.51	<0.05	11.2	0.203	2.85	5.8	55	4.8
K972233		0.002	0.07	21.3	5.3	<1	1.7	326	0.75	<0.05	9.5	0.297	1.22	3.8	47	2.4
K972234		0.004	3.73	33.9	7.3	<1	7.7	171.5	0.43	0.08	8.6	0.181	2.33	2.9	47	4.2
K972235		0.002	2.02	32.4	9.4	<1	3.1	116.0	0.60	<0.05	12.8	0.236	2.90	4.2	63	4.3
K972242		<0.002	0.07	10.30	7.8	1	1.3	559	0.77	<0.05	9.1	0.284	1.89	4.7	66	2.0
K972243		<0.002	4.68	29.7	8.7	<1	11.0	117.5	0.59	0.06	9.5	0.232	2.42	4.3	62	4.5
K972244		0.003	2.73	47.8	10.8	1	4.7	54.4	0.63	0.08	12.3	0.232	3.11	5.1	65	4.4
K972636		0.003	0.14	2.07	10.9	1	1.7	334	0.67	0.08	12.9	0.262	1.47	4.4	70	1.5
K972637		0.003	2.91	13.55	9.3	1	3.2	239	0.64	0.08	12.2	0.222	1.69	4.6	59	1.3
G0561922		0.031	>10.0	265	3.0	219	97.5	40.5	0.09	0.78	1.5	0.042	35.7	4.5	56	1.5
K972639		<0.002	0.77	23.8	9.7	<1	2.1	269	0.70	<0.05	12.1	0.242	1.86	4.4	65	1.8
K972640		0.003	0.16	32.4	10.0	1	1.9	263	0.67	<0.05	11.1	0.257	1.58	3.0	68	2.0
K972641		0.002	0.87	22.1	9.6	<1	2.9	164.5	0.67	0.09	12.9	0.238	2.33	4.1	64	3.3
K972642		0.002	0.05	4.14	9.6	1	1.7	320	0.69	<0.05	12.1	0.245	1.51	4.0	65	0.7
K972643		0.002	>10.0	128.0	4.2	1	5.2	43.2	0.26	1.01	4.9	0.091	1.24	2.2	27	1.3
K972644		0.003	0.47	6.71	10.4	<1	2.0	312	0.67	0.09	13.2	0.250	1.63	4.3	67	1.4



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 Finalized Date: 14-MAR-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026780**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K972180		7.6	2940	14.3				
K972199		13.7	74	31.7				
K972200		14.6	2560	29.4				
K972201		13.8	545	31.2				
K972203		13.1	95	31.2				
K972204		10.9	1420	25.4				
K972205		11.4	510	27.8				
K271858		1.0	20	<0.5				
K972206		11.3	1920	26.5				
K972207		11.5	138	27.9				
K972209		6.9	684	15.8				
K972210		6.2	1180	21.8				
K972211		8.8	>10000	21.0				2.81
K972212		12.8	1340	31.1				
K972217		12.0	458	26.3				
G0561921		9.9	7750	15.4	102			
K972218		8.5	6930	20.5				
K972220		11.0	1700	24.4				
K972225		12.3	1640	27.8				
K972226		12.7	1340	26.4				
K972227		10.7	1120	23.4				
K972233		9.0	192	129.5				
K972234		8.9	5270	26.0				
K972235		12.0	1400	26.7				
K972242		13.7	70	122.0				
K972243		11.4	5240	52.7				
K972244		13.0	1010	27.6				
K972636		16.8	89	30.7				
K972637		14.0	>10000	25.9				1.175
G0561922		7.3	>10000	18.5	165	1.230	1.515	9.28
K972639		15.0	774	27.0				
K972640		13.8	93	24.0				
K972641		12.6	1470	24.7				
K972642		14.8	44	27.0				
K972643		7.7	2850	10.8	229			
K972644		15.4	268	30.6				



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**CERTIFICATE OF ANALYSIS WH12026780**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12026781**

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P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026781**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K972646		4.10	7.59	396	1780	1.49	2.83	2.06	7.82	42.7	6.1	7	18.10	120.5	3.48	16.55
L828612		1.80	7.48	142.0	1310	1.72	0.40	2.19	29.0	38.5	5.1	9	14.45	32.8	3.62	16.80
L828613		4.40	6.98	1380	480	1.41	0.87	1.32	9.22	41.6	6.2	5	14.55	27.3	5.34	16.85
L828614		0.20	7.82	13.5	2000	1.65	0.12	1.78	1.23	73.6	4.2	5	16.85	7.1	4.05	16.95
L828621		1.22	7.49	184.0	1440	1.42	0.58	1.75	9.00	101.0	5.2	6	10.90	24.5	2.99	16.15
L828622		3.32	6.47	1735	660	1.28	1.51	2.33	46.2	32.4	5.6	6	10.80	145.0	3.46	14.65
G0561923		>100	7.98	45.1	1490	1.32	1.52	2.40	50.5	26.8	12.5	20	2.34	4660	3.85	21.8
L828623		6.90	6.39	709	610	1.32	3.29	0.70	53.2	31.9	8.1	5	14.05	95.0	5.67	14.95
L828625		3.11	7.04	825	650	1.51	1.06	1.55	16.85	45.7	7.4	6	15.25	43.6	4.02	15.00
L828626		8.36	6.94	4440	1010	1.37	5.62	1.71	160.0	37.6	9.3	4	19.10	172.5	4.31	14.95
L828627		0.59	7.46	31.3	1100	1.52	0.53	2.52	2.91	40.9	6.1	7	12.30	4.8	2.86	16.85
L828628		0.63	7.45	243	1510	1.64	0.51	2.49	2.09	43.8	5.6	7	12.50	9.4	2.68	17.40
L828629		24.4	7.38	160.5	1460	1.48	21.1	2.10	46.5	36.7	20.3	7	12.95	413	5.11	16.15
L828630		0.59	7.38	30.3	1610	1.66	0.45	2.59	3.03	42.9	5.2	6	10.80	4.8	2.75	16.75
L828631		2.03	7.79	2130	1420	1.56	1.52	2.48	14.65	54.3	6.4	7	12.15	22.9	3.06	16.75
L828632		2.01	8.04	86.7	1670	1.69	1.47	2.46	15.65	72.4	5.2	7	11.05	20.8	2.69	18.25
G0561924		>100	1.47	1200	160	0.28	56.2	1.83	545	11.85	25.9	31	0.69	>10000	17.65	18.45
L828655		0.67	6.86	321	1770	1.48	0.17	2.16	3.39	42.7	6.2	8	15.40	6.5	2.72	16.45
L828656		33.9	5.64	9110	870	1.24	7.44	1.90	59.8	60.6	10.8	6	7.63	383	5.53	13.40
L828658		7.90	7.13	146.5	800	1.56	0.29	2.98	30.7	43.4	11.5	8	8.19	49.5	3.51	17.15
L828659		13.75	7.10	235	570	1.59	0.65	2.41	85.6	36.3	9.7	8	7.63	124.0	4.05	16.20
L828669		0.30	6.97	23.9	2060	1.69	0.35	2.44	0.37	44.4	6.1	9	13.50	29.4	2.79	16.95
L828670		>100	5.74	1370	2150	1.48	2.26	4.07	33.1	42.8	7.4	7	18.35	1400	6.29	13.10
L828672		0.17	6.79	16.2	1310	2.04	0.12	2.45	0.41	47.9	5.4	13	21.1	8.1	2.28	20.8
L828698		0.85	7.16	41.5	1490	1.57	0.61	1.88	1.50	46.9	5.5	8	10.85	79.8	2.87	17.50
L828699		26.3	6.38	1640	490	1.34	23.3	0.45	19.85	44.9	14.8	9	6.18	485	8.60	15.35
K272061		0.02	0.10	<5	30	0.08	0.05	20.7	0.11	1.53	1.2	3	0.22	3.0	0.43	0.28
L828700		0.64	7.31	76.4	1120	1.42	0.87	2.57	2.57	56.5	8.6	9	11.10	18.0	3.04	17.85
L829279		1.12	5.87	47.2	90	3.25	0.43	0.20	4.26	18.45	0.5	2	22.4	13.2	0.74	19.60
L829280		33.0	4.02	343	450	1.70	8.09	5.37	236	26.9	3.0	3	11.05	254	5.83	10.15
L829281		7.41	6.73	503	1730	1.88	0.76	1.03	61.2	46.7	4.8	7	17.90	35.9	4.77	16.60
L829305		1.17	7.30	40.5	1610	1.58	0.21	2.10	5.09	47.3	4.3	9	14.25	6.2	3.02	18.20
L829306		39.6	6.91	2370	670	1.52	3.07	1.28	126.5	48.7	4.7	8	15.70	293	5.68	17.65
L829307		13.55	7.18	55.1	1530	1.51	0.77	1.62	40.7	45.1	5.1	9	19.75	65.6	2.76	17.90
L829365		0.90	7.21	39.1	770	1.52	1.42	2.00	1.50	21.4	16.8	15	8.35	3.3	4.23	16.70
L829367		15.75	5.81	3040	720	1.26	3.00	2.90	8.81	15.25	32.3	12	7.03	52.2	7.69	13.40



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026781**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K972646		0.18	1.0	0.305	3.05	23.9	78.3	0.58	2270	0.79	0.88	7.8	2.3	560	287	136.5
L828612		0.18	1.2	0.353	3.11	21.0	84.0	0.69	1120	0.77	0.06	8.0	2.1	590	319	125.0
L828613		0.20	0.8	0.294	2.97	21.7	17.1	0.65	2770	1.70	0.02	6.4	2.4	500	926	176.0
L828614		0.21	0.9	0.061	3.22	45.8	37.2	0.77	1420	0.61	0.06	7.3	2.2	640	51.0	170.0
L828621		0.21	1.0	0.194	3.02	66.0	37.0	0.73	1160	0.60	0.03	6.7	1.6	620	347	204
L828622		0.17	0.8	0.980	2.55	19.0	40.1	0.69	1730	1.26	0.05	4.7	2.2	440	326	159.5
G0561923		0.18	0.5	12.20	2.26	14.6	11.4	0.70	626	36.0	2.57	6.8	12.2	850	9660	60.0
L828623		0.18	0.8	1.345	2.70	18.5	21.4	0.52	5030	8.36	0.02	5.5	2.4	490	1615	156.5
L828625		0.18	0.8	0.372	2.65	27.4	54.2	0.71	2140	8.97	0.02	6.7	2.4	540	1175	152.0
L828626		0.19	0.8	5.00	2.69	22.2	23.6	0.60	1780	1.84	0.02	6.1	2.5	510	764	159.0
L828627		0.18	1.0	0.067	3.02	24.1	41.6	0.79	1140	1.18	0.04	6.5	2.4	610	67.3	135.5
L828628		0.19	0.9	0.151	3.04	24.6	79.1	0.58	952	0.63	0.12	7.6	2.5	620	97.4	120.0
L828629		0.23	0.8	1.080	3.24	22.1	12.4	0.84	2130	1.63	0.03	6.2	3.0	580	1790	199.0
L828630		0.17	0.9	0.053	3.16	24.5	53.4	0.72	1060	1.33	0.26	7.3	2.2	610	94.0	125.5
L828631		0.20	0.9	0.359	3.49	34.5	16.5	0.96	1180	2.39	0.04	6.1	2.7	570	256	179.0
L828632		0.20	0.9	0.296	3.60	46.5	15.6	0.97	1220	3.06	0.04	6.0	2.5	640	487	166.0
G0561924		1.05	0.5	6.64	0.43	7.0	7.5	0.87	422	34.3	0.02	1.8	54.9	420	>10000	15.8
L828655		0.14	1.1	0.060	2.55	23.3	89.4	0.54	697	0.61	0.25	7.9	2.2	530	190.5	108.0
L828656		0.18	0.9	1.375	2.49	37.5	14.9	0.56	1160	1.70	0.03	5.8	2.1	410	8590	152.5
L828658		0.16	0.9	0.246	3.18	22.7	8.7	0.64	1340	0.64	0.05	7.1	2.5	550	3290	182.5
L828659		0.17	1.0	0.958	3.01	18.0	10.6	0.72	892	0.98	0.05	6.8	1.7	540	5590	206
L828669		0.16	1.1	0.070	2.64	22.8	19.0	0.68	582	1.59	1.73	8.6	2.5	540	52.1	110.0
L828670		0.19	1.5	0.660	2.20	22.7	77.7	0.62	2480	7.25	0.15	6.4	3.5	560	4120	116.0
L828672		0.14	3.0	0.032	2.53	24.0	106.5	0.69	487	1.01	0.53	11.3	5.1	960	35.9	80.4
L828698		0.17	1.0	0.071	2.97	25.3	24.5	0.71	1120	0.42	0.04	7.6	2.2	560	133.5	161.5
L828699		0.24	0.9	0.593	2.93	25.3	8.4	0.34	472	5.23	0.03	5.4	2.6	480	1030	204
K272061		<0.05	<0.1	0.005	0.04	0.7	1.6	13.05	185	0.23	0.01	0.3	2.5	200	3.7	1.8
L828700		0.15	1.1	0.126	3.18	31.9	91.8	0.92	809	0.47	0.05	6.9	2.4	570	66.6	175.0
L829279		0.09	2.8	0.145	1.50	9.2	212	0.13	347	4.95	0.03	20.7	0.6	40	218	132.0
L829280		0.13	0.8	4.64	1.51	15.1	69.9	1.91	4800	19.45	0.03	6.1	1.9	230	7270	99.7
L829281		0.16	1.0	0.700	2.79	27.4	16.0	0.53	3370	2.15	0.04	8.4	1.5	470	2170	161.5
L829305		0.16	1.2	0.062	2.79	25.0	24.1	0.61	918	1.01	0.83	8.5	2.3	550	515	137.0
L829306		0.19	1.1	1.585	2.95	27.0	13.5	0.67	2140	1.33	0.03	7.7	2.3	520	>10000	187.5
L829307		0.17	1.2	0.598	2.90	23.5	49.9	0.55	1480	0.73	0.07	8.5	2.4	570	2650	129.0
L829365		0.16	0.9	0.160	3.17	9.4	15.2	0.86	1600	3.41	0.08	6.8	3.1	560	121.0	192.5
L829367		0.19	0.7	0.571	2.44	6.5	9.0	1.07	3080	10.10	0.08	5.4	2.6	420	255	155.0



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**CERTIFICATE OF ANALYSIS WH12026781**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K972646		<0.002	0.87	44.4	10.5	1	2.6	229	0.63	<0.05	12.1	0.240	1.98	3.9	67	2.0
L828612		<0.002	1.04	10.45	10.1	1	2.2	158.5	0.69	<0.05	11.6	0.245	2.45	4.0	67	3.8
L828613		<0.002	2.92	24.4	9.4	1	4.1	83.4	0.49	0.05	10.4	0.215	3.22	4.2	61	6.1
L828614		<0.002	0.19	8.90	11.1	1	1.6	100.5	0.56	<0.05	12.5	0.250	3.01	4.0	74	4.3
L828621		<0.002	0.81	13.00	10.4	1	1.6	165.0	0.51	<0.05	12.5	0.217	2.73	5.3	62	3.3
L828622		<0.002	1.73	42.1	9.2	1	2.2	92.4	0.40	0.09	9.4	0.163	2.28	4.9	62	3.0
G0561923		0.019	1.65	149.5	7.5	4	324	690	0.40	0.10	5.0	0.235	3.67	1.1	81	18.8
L828623		<0.002	2.71	43.7	9.1	1	4.9	109.5	0.42	0.06	11.0	0.181	2.89	3.7	59	5.4
L828625		<0.002	1.38	37.5	10.4	1	3.5	129.5	0.50	0.11	11.7	0.225	2.67	7.4	65	4.9
L828626		<0.002	3.25	34.3	9.0	2	4.2	83.7	0.48	0.12	10.3	0.198	2.63	5.5	57	4.3
L828627		<0.002	1.26	5.94	9.8	1	1.2	80.0	0.52	0.12	10.8	0.221	2.58	4.3	70	1.9
L828628		<0.002	0.86	8.53	10.3	1	2.0	163.0	0.59	0.06	10.7	0.242	2.21	3.9	72	2.7
L828629		<0.002	2.92	66.1	9.6	2	3.1	90.5	0.45	0.16	11.7	0.194	3.36	4.1	60	4.5
L828630		<0.002	1.07	5.72	10.0	1	1.4	108.0	0.55	0.09	10.8	0.228	2.41	5.1	72	1.6
L828631		<0.002	1.70	12.30	10.1	1	2.5	70.1	0.49	0.09	12.8	0.197	2.84	5.9	65	2.3
L828632		<0.002	1.49	9.42	11.1	1	2.5	70.6	0.48	0.10	12.1	0.201	2.84	5.3	75	2.0
G0561924		0.029	>10.0	280	2.7	238	107.5	41.5	0.09	0.82	1.1	0.044	34.7	4.0	62	1.8
L828655		<0.002	0.53	17.10	9.8	1	2.2	140.0	0.65	0.07	11.7	0.234	1.75	4.3	65	2.9
L828656		<0.002	4.69	90.0	8.5	2	4.9	38.9	0.46	0.19	10.0	0.176	2.20	5.7	55	2.7
L828658		<0.002	2.96	7.45	10.5	2	6.5	65.0	0.60	0.12	13.0	0.211	2.53	4.7	62	1.8
L828659		<0.002	4.04	11.20	10.1	2	9.2	57.2	0.56	0.16	13.6	0.198	2.44	4.3	59	1.9
L828669		<0.002	0.10	2.92	10.7	1	1.9	310	0.70	0.06	12.7	0.234	1.33	4.4	66	3.1
L828670		<0.002	5.73	158.5	6.8	1	5.3	441	0.49	0.13	9.1	0.192	1.61	4.9	44	2.3
L828672		<0.002	0.04	6.21	4.7	1	1.6	411	0.79	<0.05	7.9	0.287	1.12	3.1	47	1.6
L828698		<0.002	1.29	22.2	10.3	1	2.7	76.4	0.63	0.13	13.2	0.218	2.59	3.2	66	2.1
L828699		<0.002	9.02	59.3	9.3	1	11.4	16.6	0.46	0.39	11.5	0.169	2.39	4.5	55	5.5
K272061		<0.002	0.01	0.13	0.3	1	<0.2	46.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
L828700		<0.002	1.90	5.25	11.1	1	3.3	101.5	0.59	0.18	13.3	0.209	2.78	4.2	65	2.3
L829279		<0.002	0.05	28.6	3.5	1	2.8	48.1	2.43	<0.05	20.9	0.041	1.14	5.6	6	1.9
L829280		0.002	2.91	68.6	5.5	2	3.7	94.4	0.58	0.06	8.4	0.098	1.34	7.1	33	3.3
L829281		<0.002	1.07	17.25	10.0	1	3.7	64.3	0.67	0.09	13.1	0.202	2.44	5.4	57	4.6
L829305		<0.002	0.30	5.23	10.9	1	2.0	179.5	0.74	0.07	13.3	0.237	1.90	5.3	67	2.0
L829306		<0.002	3.48	60.2	10.8	2	6.1	51.0	0.65	<0.05	13.4	0.224	2.99	4.2	63	6.3
L829307		<0.002	0.46	19.05	10.9	2	2.1	118.5	0.70	0.05	13.1	0.245	2.23	4.8	68	4.2
L829365		0.002	3.55	3.15	10.0	2	2.3	103.0	0.55	0.51	12.4	0.204	3.13	3.8	61	2.2
L829367		0.005	7.17	41.1	8.1	2	3.6	60.6	0.42	0.56	9.5	0.165	2.50	3.8	48	1.7



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 Plus Appendix Pages  
 Finalized Date: 11-MAR-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026781**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K972646		13.4	672	26.6				
L828612		12.7	2440	32.6				
L828613		9.0	716	21.9				
L828614		13.6	182	25.3				
L828621		14.0	805	27.9				
L828622		10.2	4590	21.1				
G0561923		10.0	7500	13.5	103			
L828623		7.8	4160	21.6				
L828625		11.8	1390	24.5				
L828626		10.6	>10000	23.7				1.070
L828627		11.1	271	27.4				
L828628		11.8	276	25.6				
L828629		10.3	3320	23.6				
L828630		10.8	372	26.3				
L828631		9.5	1120	27.2				
L828632		9.6	1280	26.8				
G0561924		6.9	>10000	16.7	159	1.285	1.515	9.57
L828655		14.4	342	28.7				
L828656		11.9	4540	22.0				
L828658		11.5	3340	23.7				
L828659		11.8	8450	24.5				
L828669		16.8	67	30.6				
L828670		10.9	2690	55.1	98			
L828672		8.3	125	106.0				
L828698		13.1	185	28.1				
L828699		9.8	1720	23.0				
K272061		0.9	18	0.6				
L828700		12.7	285	28.4				
L829279		11.8	401	50.4				
L829280		19.5	>10000	19.7				1.075
L829281		9.9	2700	26.4				
L829305		15.1	412	30.7				
L829306		12.3	8290	27.6			0.962	
L829307		15.4	2710	31.0				
L829365		10.7	150	24.4				
L829367		9.6	724	17.5				



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**CERTIFICATE OF ANALYSIS WH12026781**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026782**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 9-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026782**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K270169		0.54	6.65	20.8	640	1.17	0.37	3.57	1.20	59.0	4.3	13	10.80	6.5	2.51	16.70
K270170		19.80	7.02	477	780	1.59	7.46	2.65	16.75	53.4	12.8	13	28.4	183.0	4.49	15.90
K270172		0.77	7.50	28.1	1880	1.31	11.20	2.40	2.47	51.5	6.1	10	10.95	15.0	2.89	15.20
K272741		0.33	7.38	21.2	2030	1.43	0.19	2.82	1.36	64.7	4.7	13	23.2	6.1	2.46	17.85
K272742		>100	1.89	3510	580	0.37	263	0.38	99.0	14.75	54.1	7	3.33	3290	25.5	4.91
K272744		1.20	7.48	50.6	1250	1.34	0.57	2.18	4.56	49.3	5.8	8	18.35	25.6	3.39	15.15
K272199		2.00	0.10	11	30	0.05	2.25	21.1	0.93	1.63	0.7	<1	0.23	29.8	0.52	0.27
K272745		2.75	7.37	14.2	2110	1.16	3.01	2.57	0.29	50.0	63.6	16	11.85	11.1	4.00	15.50
K272746		1.32	7.43	246	1400	1.45	0.88	2.18	5.44	48.6	22.1	8	14.30	23.8	4.27	16.20
K272747		0.41	7.65	20.0	1600	1.49	0.30	2.43	1.00	46.3	7.4	8	15.75	10.2	3.88	15.85
K272748		32.6	5.72	612	260	0.92	27.8	1.03	49.9	39.6	29.8	7	7.21	263	10.30	13.60
K272749		0.41	7.56	11.5	2160	1.28	0.22	2.46	0.61	46.4	7.2	10	11.25	6.8	3.15	16.10
K272801		1.45	6.23	113.0	1110	1.23	1.74	1.53	1.55	48.5	9.3	19	16.15	24.9	3.91	13.95
K272802		4.47	4.16	443	220	0.90	3.46	2.99	36.4	25.8	10.4	11	8.09	130.0	6.15	10.30
G0561925		>100	1.36	949	170	0.27	55.0	1.75	509	11.15	27.5	30	0.66	>10000	17.65	16.60
K272803		1.42	7.41	69.5	870	1.22	2.27	0.87	2.14	42.0	12.5	14	11.40	23.1	3.85	16.15
K272812		0.44	7.16	45.9	1070	1.19	0.28	2.64	0.64	51.8	4.6	12	10.15	8.3	3.44	14.65
K272813		85.2	5.25	5630	300	0.82	19.35	0.29	207	39.3	12.9	13	4.29	503	8.79	12.00
K272815		0.56	7.15	50.7	1670	2.40	0.28	2.86	1.07	66.5	7.1	17	25.6	13.1	2.75	18.35
K272816		0.45	6.75	31.8	1480	1.93	0.15	2.61	0.97	69.6	4.9	13	30.2	7.6	2.45	16.95
K272818		0.22	6.83	24.2	1340	2.00	0.13	2.61	0.43	69.6	4.9	13	28.1	4.6	2.49	17.65
K272819		1.31	6.31	162.5	1080	1.49	0.82	1.66	4.11	47.4	8.6	9	15.25	12.2	4.01	13.75
K272820		44.7	4.88	879	590	1.05	41.9	1.02	137.5	40.0	17.3	8	13.80	334	8.60	11.30
K272821		>100	3.75	2510	1110	0.73	45.9	0.80	84.4	29.9	25.1	16	7.00	1255	9.11	9.81
K272822		1.71	8.15	96.9	2190	1.96	0.87	1.78	5.46	66.3	8.2	16	16.30	15.9	2.71	21.8
K272934		6.21	5.53	1410	280	1.24	5.11	1.76	9.54	35.5	21.6	8	15.30	22.5	5.13	14.60
K272935		0.54	6.99	92.1	870	1.63	0.70	1.99	5.16	54.0	7.6	11	19.20	23.4	4.09	15.50
K272936		0.37	7.08	905	1960	1.62	0.61	2.72	1.22	45.6	9.0	13	12.95	7.7	3.21	15.60
G0561926		>100	7.25	52.6	1460	1.25	1.69	2.27	55.5	32.3	13.0	21	2.56	4450	3.80	19.55
K272938		3.90	7.15	>10000	500	1.29	7.16	1.19	6.97	46.1	9.3	11	15.30	142.5	5.67	15.10
K272939		0.21	6.60	164.0	1690	1.12	0.53	1.65	0.46	29.4	8.5	9	16.45	6.0	3.08	15.20
K272941		0.74	6.74	71.5	1980	1.17	0.22	1.72	4.76	41.5	8.0	10	13.90	9.3	3.13	14.15
K272942		9.39	6.23	1405	370	1.18	2.65	1.21	27.9	42.1	7.1	7	8.95	62.3	4.58	14.70
K272943		13.60	6.24	6320	910	1.43	1.84	1.93	18.15	43.9	7.5	8	16.15	36.8	4.27	14.85
K272944		12.90	6.87	2520	880	1.87	2.18	2.49	28.6	57.6	7.5	13	19.85	67.5	3.48	17.40
K272945		0.85	6.49	155.0	1620	1.34	0.25	3.00	3.63	43.4	7.4	9	15.65	35.5	2.96	14.55





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Plus Appendix Pages  
Finalized Date: 9-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026782**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K270169		0.15	2.3	0.033	0.94	27.2	105.0	0.91	987	1.24	0.03	10.8	2.8	840	70.0	25.3
K270170		0.14	2.2	0.405	2.12	28.7	39.7	0.95	1080	6.19	0.12	8.3	4.6	800	1415	126.0
K270172		0.15	1.3	0.042	2.78	26.1	11.7	0.72	696	1.31	2.01	7.7	2.4	550	142.0	125.5
K272741		0.15	2.5	0.019	2.07	31.6	64.4	0.99	666	1.09	0.06	11.2	2.7	910	38.3	73.0
K272742		0.14	0.4	2.71	0.63	7.7	15.4	0.16	370	10.05	0.01	2.1	1.4	160	>10000	33.9
K272744		0.13	1.0	0.063	3.15	25.3	31.8	0.69	2620	1.07	0.26	7.6	2.0	580	296	148.0
K272199		0.10	<0.1	0.024	0.04	0.8	1.2	13.20	205	0.28	0.01	0.2	1.3	260	145.5	1.8
K272745		0.14	1.0	0.060	3.22	25.5	14.9	0.85	1230	0.87	1.17	7.7	4.3	610	32.9	157.5
K272746		0.14	1.0	0.194	3.57	26.3	18.8	0.79	2720	1.04	0.42	7.8	2.9	570	216	195.5
K272747		0.15	1.0	0.107	3.94	24.1	31.0	0.83	2950	0.94	0.44	8.2	2.2	590	54.9	209
K272748		0.17	0.7	0.976	2.66	21.1	8.5	0.53	4270	1.15	0.02	5.8	2.0	420	5060	171.0
K272749		0.13	1.0	0.066	3.05	22.9	12.7	0.75	1100	0.83	1.70	7.7	2.5	580	39.9	130.5
K272801		0.14	2.1	0.095	2.28	25.2	37.0	0.69	1180	1.69	0.04	7.1	6.8	890	80.6	123.0
K272802		0.11	0.7	0.328	1.49	13.0	76.4	0.70	1820	1.92	0.03	3.6	3.8	280	280	78.6
G0561925		0.45	0.5	6.29	0.41	6.3	6.5	0.86	390	35.8	0.02	1.4	55.6	390	>10000	14.5
K272803		0.11	1.2	0.158	3.55	22.0	29.1	0.66	1420	1.11	0.04	7.5	2.7	600	79.5	187.0
K272812		0.14	1.1	0.099	3.34	27.3	47.4	0.96	2100	0.90	0.16	6.7	2.2	530	25.4	191.0
K272813		0.15	0.8	0.664	2.57	20.8	7.9	0.27	1380	2.54	0.02	5.6	2.2	390	9130	173.5
K272815		0.10	3.4	0.042	2.74	34.2	136.5	1.02	807	1.24	0.03	11.3	6.2	1060	39.6	122.5
K272816		0.10	2.4	0.038	2.57	35.7	64.2	0.89	877	1.11	0.05	11.9	3.1	830	55.4	93.7
K272818		0.10	2.5	0.029	2.71	35.5	37.8	0.88	909	1.25	0.04	12.1	3.3	840	27.6	97.3
K272819		0.12	0.9	0.188	2.95	26.8	22.2	0.69	2730	8.33	0.02	7.1	2.6	530	167.0	192.5
K272820		0.16	0.8	2.67	2.30	22.1	18.6	0.48	1440	8.89	0.02	5.8	3.1	410	3440	153.5
K272821		0.15	0.6	2.96	1.77	17.9	13.2	0.29	578	15.10	0.01	3.9	3.4	260	7110	114.0
K272822		0.11	2.8	0.115	3.27	31.5	339	0.63	1160	2.49	0.02	15.1	4.1	1040	258	106.0
K272934		0.12	0.8	0.281	2.51	19.1	22.1	0.70	5630	32.7	0.02	6.1	2.9	440	585	167.0
K272935		0.11	1.1	0.409	3.08	29.4	61.7	0.82	1680	0.92	0.04	8.2	2.8	590	34.8	169.0
K272936		0.09	1.1	0.057	2.44	23.1	13.3	0.83	772	1.28	1.88	8.4	3.4	600	44.1	94.5
G0561926		0.09	0.5	13.30	2.20	16.4	11.0	0.65	568	40.7	2.42	7.4	11.7	770	8920	68.1
K272938		0.19	0.9	0.203	3.18	25.1	26.0	0.60	1730	1.26	0.05	7.9	2.9	580	362	189.5
K272939		0.14	1.0	0.047	2.33	15.2	29.2	0.56	856	0.59	0.08	8.6	2.7	600	26.7	73.1
K272941		0.16	1.0	0.067	2.69	21.3	29.6	0.68	1300	1.33	0.09	7.9	2.9	560	287	116.0
K272942		0.20	0.9	0.364	2.93	22.6	5.7	0.48	7870	1.18	0.02	7.2	2.7	490	1630	191.0
K272943		0.19	1.0	0.157	2.71	22.5	22.0	0.69	4540	2.76	0.04	7.6	2.8	510	769	142.5
K272944		0.18	2.5	0.191	2.31	30.3	49.0	0.93	3840	2.08	0.03	10.5	4.8	860	1095	116.0
K272945		0.18	1.0	0.062	2.45	22.4	49.3	0.96	1840	0.48	0.05	7.8	2.7	550	63.7	106.0



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026782**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K270169		0.002	0.12	9.64	5.6	1	1.4	270	0.72	<0.05	8.2	0.246	1.01	6.7	47	2.5
K270170		0.003	2.36	72.5	7.6	1	3.9	282	0.69	0.27	10.6	0.256	2.07	15.1	60	3.6
K270172		0.002	0.12	3.81	9.0	1	3.2	308	0.73	<0.05	15.8	0.234	1.37	5.1	62	1.1
K272741		<0.002	0.19	5.23	5.9	1	1.6	295	0.76	<0.05	9.2	0.258	2.01	4.5	50	1.9
K272742		0.004	>10.0	426	2.1	2	12.5	54.3	0.16	2.99	2.9	0.059	0.68	4.9	15	1.5
K272744		0.003	0.62	7.70	9.4	1	2.0	138.0	0.67	<0.05	15.5	0.249	2.51	6.1	66	3.3
K272199		0.002	0.15	4.29	0.2	<1	0.2	46.8	<0.05	<0.05	<0.2	<0.005	0.04	0.7	2	0.1
K272745		0.003	0.72	3.42	9.8	1	1.8	264	0.64	1.57	13.9	0.240	1.94	5.2	66	1.8
K272746		<0.002	1.32	8.06	10.0	1	3.2	148.0	0.68	0.16	14.4	0.240	2.60	6.1	64	2.7
K272747		0.002	0.29	5.01	10.4	1	2.1	142.0	0.72	<0.05	15.7	0.255	2.70	5.1	69	2.3
K272748		0.005	8.70	35.2	7.3	1	14.1	22.2	0.49	0.43	11.0	0.184	2.05	5.8	47	5.1
K272749		0.004	0.09	2.94	9.9	1	1.7	309	0.61	<0.05	13.1	0.254	1.50	4.3	67	1.3
K272801		0.003	1.26	58.3	7.6	1	2.0	373	0.52	<0.05	8.0	0.281	2.13	10.1	66	3.6
K272802		0.002	3.58	74.1	6.0	<1	2.5	87.7	0.30	<0.05	5.7	0.140	1.12	14.0	42	4.4
G0561925		0.028	>10.0	263	2.6	180	105.5	36.1	0.09	0.44	1.0	0.042	30.8	3.5	57	1.6
K272803		0.003	0.73	78.7	11.2	<1	2.3	30.3	0.61	<0.05	12.5	0.267	2.07	11.4	78	4.1
K272812		0.004	0.33	7.11	9.7	1	2.2	112.0	0.57	<0.05	15.2	0.238	2.65	4.6	66	1.8
K272813		<0.002	8.70	152.0	7.5	3	12.2	25.7	0.45	1.38	9.2	0.183	1.96	2.8	54	3.8
K272815		<0.002	0.34	13.20	7.3	2	2.0	770	0.77	<0.05	10.1	0.294	2.56	4.9	64	2.8
K272816		0.002	0.07	11.80	5.8	2	1.5	341	0.79	<0.05	10.2	0.239	1.97	5.5	48	2.5
K272818		<0.002	0.05	12.65	6.0	2	1.5	305	0.81	<0.05	10.5	0.244	2.10	6.0	49	2.4
K272819		<0.002	1.66	30.8	10.0	1	2.7	106.0	0.53	0.05	11.8	0.220	2.55	10.2	63	4.4
K272820		0.002	8.03	101.0	7.3	3	8.8	91.4	0.42	1.00	9.1	0.178	2.01	9.6	52	5.5
K272821		0.002	9.36	456	5.5	3	7.2	59.6	0.31	2.32	6.1	0.125	1.49	10.4	42	4.8
K272822		<0.002	0.61	47.2	7.6	2	2.6	455	1.06	0.05	11.6	0.324	4.00	10.1	67	6.6
K272934		0.003	2.95	47.8	9.0	2	4.8	57.0	0.46	0.14	10.3	0.187	1.89	11.4	57	8.1
K272935		<0.002	0.35	10.90	11.4	2	1.7	73.6	0.63	<0.05	13.1	0.261	2.28	4.7	75	3.4
K272936		<0.002	0.08	6.73	11.4	2	1.7	339	0.65	<0.05	11.7	0.270	1.05	2.1	79	1.7
G0561926		0.021	1.52	147.0	6.7	5	335	659	0.42	0.13	5.2	0.215	3.47	1.2	75	19.3
K272938		<0.002	3.72	60.5	11.7	1	6.1	48.1	0.52	0.07	11.2	0.267	2.12	2.7	74	3.5
K272939		<0.002	0.18	16.85	10.5	1	1.7	79.1	0.61	<0.05	8.9	0.271	1.11	2.2	77	6.5
K272941		<0.002	0.23	23.1	10.7	1	2.3	81.2	0.57	<0.05	12.3	0.263	1.49	3.1	73	7.7
K272942		<0.002	3.50	30.6	10.4	2	7.9	22.8	0.52	<0.05	11.8	0.225	2.40	2.5	63	6.3
K272943		<0.002	2.14	34.8	10.5	2	4.0	83.1	0.55	0.05	11.2	0.235	2.14	3.8	67	3.3
K272944		<0.002	1.34	50.5	8.7	2	3.5	356	0.69	0.05	10.5	0.273	2.21	5.3	64	3.5
K272945		<0.002	0.44	20.8	10.6	1	2.0	155.5	0.55	<0.05	10.9	0.251	1.77	3.0	70	1.3



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026782**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K270169		11.8	151	77.2				
K270170		13.5	1310	77.8				
K270172		15.2	333	28.1				
K272741		12.0	150	81.9				
K272742		3.9	6020	12.3	198		1.760	
K272744		13.4	531	20.0				
K272199		1.1	68	<0.5				
K272745		15.0	75	20.3				
K272746		13.6	566	19.9				
K272747		14.7	160	20.2				
K272748		8.1	5050	13.5				
K272749		15.0	92	20.0				
K272801		8.1	216	78.8				
K272802		8.0	4200	19.1				
G0561925		6.1	>10000	15.8	167	1.265	1.545	9.43
K272803		8.7	329	28.4				
K272812		11.2	109	25.1				
K272813		8.2	>10000	21.9				1.445
K272815		13.0	134	134.0				
K272816		12.5	130	85.8				
K272818		12.8	102	86.5				
K272819		9.9	448	27.7				
K272820		10.4	9140	22.3				
K272821		10.1	7670	17.0	151			
K272822		12.5	617	90.6				
K272934		9.4	1130	21.5				
K272935		14.4	711	27.8				
K272936		15.4	306	28.5				
G0561926		10.3	6890	15.3	104			
K272938		11.9	813	27.0				
K272939		11.6	140	30.0				
K272941		14.1	484	29.4				
K272942		11.2	2960	26.9				
K272943		13.1	1460	31.0				
K272944		13.9	2390	100.5				
K272945		14.8	294	29.2				



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**CERTIFICATE OF ANALYSIS WH12026782**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026783**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026783**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
L829405		0.89	7.51	78.9	990	1.63	0.30	2.35	1.07	53.3	4.6	8	20.5	21.9	3.34	17.45
L829406		40.6	4.40	1500	360	1.10	20.3	2.28	78.6	28.9	5.4	6	12.45	1310	6.45	11.40
L829408		0.48	7.55	44.8	540	1.78	0.28	1.94	3.35	54.9	7.5	7	28.1	19.0	3.65	17.85
L829409		0.77	6.88	28.6	1850	1.63	0.63	2.18	13.10	42.7	4.9	8	16.70	69.0	3.36	16.20
L829410		0.64	7.21	15.1	1140	1.76	0.54	2.36	10.10	56.6	4.5	8	12.40	29.0	3.25	17.45
L829411		1.51	6.22	574	1170	1.35	0.30	3.77	5.27	47.2	5.5	6	15.90	31.7	3.48	14.40
G0561927		>100	1.38	938	280	0.27	60.5	1.82	505	12.05	26.7	31	0.74	>10000	17.05	18.10
L829412		2.65	6.76	248	1340	1.58	2.00	1.95	5.60	56.2	5.7	6	15.55	95.8	5.01	16.25
L829413		0.46	7.28	178.5	950	1.79	0.27	2.13	1.61	45.8	5.6	7	22.1	11.6	3.38	17.30
L829414		73.6	5.40	5620	170	1.22	33.1	1.47	54.3	45.1	10.7	7	9.82	2170	8.43	13.20
L829416		0.87	7.19	69.1	1190	1.65	0.85	2.04	10.05	52.6	4.5	8	11.30	23.8	3.77	16.70
L829417		1.31	7.36	27.0	1110	1.75	0.91	2.12	3.56	59.8	4.4	8	9.02	108.5	2.75	17.75
L829418		0.91	7.16	33.8	1620	1.87	0.33	2.38	2.54	45.2	4.1	9	13.65	138.0	3.36	17.05
L829419		54.9	3.36	9050	390	0.87	36.5	2.49	359	33.6	30.2	5	3.16	679	12.80	9.11
L829420		2.30	7.09	362	1350	1.56	1.55	2.49	22.2	55.4	4.2	8	18.25	31.3	3.25	16.50
K272277		0.09	0.09	11	30	0.07	0.07	20.3	0.47	1.58	1.1	<1	0.38	2.2	0.41	0.31
L829428		1.23	7.40	107.5	1250	1.76	0.94	1.68	8.29	61.0	4.4	8	11.50	18.3	3.84	17.35
L829430		15.15	5.82	449	480	1.17	17.25	1.44	117.0	41.8	9.2	7	11.30	392	8.22	13.30
L829431		19.70	5.35	428	450	1.12	23.0	1.23	138.0	54.4	5.1	8	10.50	625	5.58	12.90
L829432		0.53	7.65	44.8	1520	1.60	0.32	2.77	1.27	71.6	4.8	8	16.30	52.7	3.58	16.20
L829433		2.82	6.73	1045	800	1.54	0.63	1.35	29.5	52.0	6.5	7	17.60	43.7	4.48	14.70
L829434		>100	4.22	3520	360	0.99	11.95	2.17	89.2	28.0	4.6	7	8.43	644	6.33	10.40
L829435		1.07	7.41	19.9	940	2.01	0.25	1.80	0.65	63.2	5.4	13	17.10	10.4	2.41	18.50
L829448		0.74	6.96	16.8	1990	1.52	0.34	2.53	2.05	45.6	6.4	9	15.10	25.1	3.38	15.60
G0561928		97.8	7.45	48.8	1530	1.30	1.40	2.36	54.7	30.6	13.0	21	2.41	4540	3.94	21.6
L829449		38.5	5.71	223	630	1.25	12.60	1.79	322	53.5	7.0	8	12.65	727	5.25	12.75
L829450		1.03	7.14	22.4	1810	1.55	0.71	2.10	6.02	45.9	6.8	9	11.35	16.2	3.37	16.90
L829451		23.4	6.13	1300	510	1.26	27.3	0.75	43.8	43.9	8.4	8	6.65	642	8.19	14.35
L829452		0.27	7.57	12.9	2750	1.57	0.31	2.21	0.51	49.9	7.3	9	17.55	10.2	3.36	16.20
L829486		0.51	7.38	18.2	1990	1.38	1.20	2.18	0.48	60.2	6.4	11	14.35	12.3	2.73	15.55
L829487		>100	4.88	702	230	0.92	253	2.08	106.0	35.7	7.5	8	7.58	1355	9.61	11.45
L829489		0.52	7.40	10.6	840	1.21	1.20	1.86	0.79	47.3	9.5	7	13.95	8.3	4.42	16.65
K269192		0.53	7.25	32.4	2520	1.59	0.71	1.76	13.05	75.9	11.8	14	11.05	10.2	3.71	15.75
K269193		45.7	6.81	1635	720	1.46	32.4	1.70	54.0	52.6	6.3	11	19.90	1345	5.15	15.10
K269195		0.35	6.66	12.9	2050	1.65	0.22	2.45	2.66	41.8	5.1	12	8.52	11.7	2.74	15.55
K269204		3.56	7.09	31.9	1630	1.66	1.51	3.03	41.9	55.9	38.9	16	13.90	37.4	3.65	15.80



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026783**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
L829405		0.17	1.0	0.113	3.07	30.0	30.9	0.81	3180	2.42	0.04	8.2	3.4	570	44.5	196.0
L829406		0.17	0.6	2.17	1.68	15.9	36.9	0.77	5980	11.90	0.02	4.5	2.1	300	928	101.5
L829408		0.16	0.9	0.103	2.56	32.5	131.5	0.79	1460	0.84	0.03	8.1	2.5	590	56.7	152.0
L829409		0.14	0.9	0.238	1.98	22.3	175.5	0.76	1260	1.03	0.04	8.1	1.8	600	52.4	97.9
L829410		0.16	0.9	0.225	2.70	30.5	208	0.92	1280	0.56	0.05	7.8	2.2	570	72.8	135.5
L829411		0.17	0.9	0.165	2.23	28.2	68.7	1.03	1590	2.96	0.03	6.6	2.3	450	89.9	127.0
G0561927		1.10	0.6	7.03	0.41	6.6	7.8	0.84	385	39.4	0.02	1.7	50.4	380	>10000	17.0
L829412		0.19	0.9	0.353	2.81	33.5	15.6	0.95	2300	0.62	0.03	6.6	2.3	490	139.0	179.5
L829413		0.18	1.1	0.152	2.69	25.1	78.2	0.79	1460	0.55	0.04	7.9	2.4	540	40.0	133.0
L829414		0.22	0.7	2.54	2.35	25.3	15.0	0.59	3290	3.64	0.03	5.5	2.2	400	774	151.5
L829416		0.16	1.2	0.287	2.36	31.1	102.5	0.83	1250	0.97	0.04	7.9	2.3	530	136.5	152.0
L829417		0.16	1.2	0.166	2.07	32.9	61.9	0.66	1000	0.49	0.11	7.8	2.0	570	102.0	101.0
L829418		0.15	1.1	0.120	2.45	22.5	76.0	0.66	942	5.06	0.89	8.3	2.3	550	72.3	118.5
L829419		0.26	0.3	11.80	1.49	15.8	14.3	0.96	2320	2.82	0.02	2.3	1.7	160	4210	101.5
L829420		0.19	1.2	0.714	2.86	33.4	37.1	0.89	1600	1.03	0.04	7.9	2.1	530	219	184.5
K272277		<0.05	<0.1	0.016	0.04	0.8	1.4	11.95	188	0.06	0.01	0.3	1.7	220	7.6	2.2
L829428		0.17	1.0	0.259	3.06	36.9	103.0	0.70	1160	2.48	0.05	7.7	2.1	540	184.5	198.5
L829430		0.16	0.8	4.00	2.55	23.3	14.4	0.76	2540	3.89	0.03	5.8	2.7	430	297	156.0
L829431		0.14	0.9	5.43	2.40	31.6	25.0	0.56	2180	9.01	0.03	5.3	2.9	390	603	182.5
L829432		0.19	1.1	0.087	2.67	42.2	52.0	0.78	901	0.68	0.07	7.4	2.2	570	45.8	150.5
L829433		0.16	1.1	0.622	2.66	29.6	92.2	0.65	1760	4.57	0.03	6.7	2.4	500	657	183.0
L829434		0.16	0.7	1.170	1.83	13.9	28.8	0.84	2550	22.0	0.02	4.5	2.9	300	1720	146.0
L829435		0.16	2.9	0.030	2.72	33.8	208	0.73	582	2.31	0.04	9.6	5.0	930	27.1	105.0
L829448		0.17	1.1	0.109	3.30	24.0	30.4	0.67	967	0.92	0.64	7.7	2.2	550	42.1	133.0
G0561928		0.17	0.5	13.50	2.18	17.2	10.7	0.67	577	40.5	2.51	7.0	12.4	800	8850	71.2
L829449		0.19	0.9	4.48	2.56	29.7	28.9	0.64	2430	1.21	0.06	5.5	2.0	420	636	145.0
L829450		0.20	1.1	0.133	2.88	24.4	27.6	0.66	760	1.04	0.74	8.3	2.5	560	220	134.0
L829451		0.20	1.0	1.560	2.81	24.7	32.2	0.49	1220	1.88	0.03	5.9	2.1	440	1225	192.5
L829452		0.18	1.1	0.066	2.92	26.8	69.5	0.82	642	0.93	0.48	7.8	2.4	570	27.7	123.5
L829486		0.18	0.9	0.073	2.16	32.4	58.2	0.73	1020	0.61	0.11	6.0	2.4	570	30.0	128.5
L829487		0.22	0.5	4.46	2.19	21.4	13.0	0.73	4090	43.3	0.03	3.8	2.6	340	1160	165.5
L829489		0.16	0.9	0.045	2.64	25.5	50.7	0.73	828	0.99	0.05	5.7	2.2	590	42.8	158.5
K269192		0.21	1.2	0.142	2.23	44.4	11.7	0.51	843	1.99	1.69	7.5	2.6	560	75.1	127.0
K269193		0.19	1.1	1.730	2.59	29.2	19.2	0.55	1530	1.71	0.18	7.0	2.5	500	1655	147.5
K269195		0.18	1.3	0.058	2.66	22.4	8.8	0.68	521	2.02	2.05	7.7	2.8	540	131.5	97.7
K269204		0.19	1.1	1.235	2.59	30.6	13.7	0.69	1460	2.32	0.70	7.6	3.3	600	943	138.0



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026783**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
L829405		<0.002	1.17	20.5	11.1	1	3.2	80.2	0.66	0.06	14.6	0.236	3.49	6.5	71	5.1
L829406		<0.002	5.62	210	6.4	1	8.3	85.2	0.37	0.10	7.9	0.137	2.07	6.9	41	6.0
L829408		<0.002	0.35	17.20	11.9	1	2.9	134.5	0.63	0.06	12.9	0.244	2.74	4.6	70	6.2
L829409		<0.002	0.34	38.4	11.3	1	2.4	148.5	0.62	0.05	10.7	0.239	1.97	4.3	67	3.8
L829410		<0.002	0.37	13.95	11.2	1	3.4	122.0	0.67	0.05	14.3	0.217	2.74	5.1	62	3.0
L829411		<0.002	1.53	29.5	9.4	2	2.8	135.0	0.54	<0.05	11.7	0.197	2.37	4.7	55	6.0
G0561927		0.033	>10.0	261	2.7	234	114.5	42.7	0.10	0.85	1.0	0.052	32.5	4.1	58	1.8
L829412		<0.002	1.51	27.4	9.9	1	4.7	83.4	0.51	0.07	12.5	0.204	3.11	3.8	60	6.9
L829413		<0.002	0.42	9.53	10.8	1	2.4	120.5	0.61	<0.05	12.2	0.236	2.73	4.6	67	4.8
L829414		<0.002	7.12	147.0	8.0	1	6.9	41.0	0.45	0.28	9.3	0.165	2.52	4.4	51	3.7
L829416		<0.002	0.82	11.60	10.7	1	3.2	113.5	0.72	0.07	14.6	0.219	2.34	5.0	63	3.1
L829417		<0.002	0.28	15.45	11.0	1	3.1	107.0	0.67	0.07	14.2	0.214	1.97	3.8	60	2.3
L829418		0.002	0.23	9.43	11.1	1	2.3	220	0.71	0.08	12.1	0.233	1.81	3.9	68	2.3
L829419		<0.002	>10.0	133.0	4.1	4	7.3	57.8	0.18	0.87	4.2	0.069	1.42	2.5	29	2.0
L829420		<0.002	1.61	13.75	10.1	1	3.9	106.5	0.68	0.05	15.0	0.215	3.14	5.4	59	5.5
K272277		<0.002	0.01	0.25	0.3	1	<0.2	47.2	<0.05	<0.05	0.2	<0.005	0.02	0.8	3	0.1
L829428		0.002	1.76	9.40	10.7	1	5.9	89.2	0.65	0.07	15.0	0.221	3.09	7.2	62	2.9
L829430		<0.002	5.91	67.2	8.4	1	5.9	59.8	0.56	0.29	11.1	0.190	2.83	5.9	52	6.0
L829431		<0.002	4.68	157.5	7.7	2	6.4	65.6	0.48	0.09	11.5	0.172	2.61	9.5	47	5.3
L829432		<0.002	0.30	10.80	11.3	1	3.3	135.0	0.71	<0.05	15.4	0.238	2.09	6.0	67	4.1
L829433		<0.002	2.16	31.6	10.5	1	4.4	87.0	0.62	<0.05	13.9	0.223	2.77	6.4	60	7.0
L829434		<0.002	6.13	358	6.1	1	10.5	127.5	0.36	0.09	7.3	0.133	1.82	7.4	36	18.3
L829435		<0.002	0.07	24.6	5.2	1	1.6	357	0.80	<0.05	11.2	0.275	1.41	4.7	43	3.0
L829448		<0.002	0.16	8.70	10.2	1	2.1	210	0.73	<0.05	12.3	0.246	2.16	4.2	64	2.4
G0561928		0.017	1.58	139.0	7.8	4	317	668	0.42	0.11	5.5	0.228	3.46	1.2	74	17.9
L829449		<0.002	4.05	32.3	8.5	3	4.6	84.2	0.50	0.11	12.7	0.182	2.06	5.3	50	2.0
L829450		<0.002	0.27	6.92	11.5	1	2.2	193.0	0.74	<0.05	13.9	0.245	1.56	4.4	67	1.6
L829451		<0.002	7.03	64.0	9.2	1	10.9	44.4	0.54	0.15	13.2	0.191	2.19	4.9	52	3.9
L829452		<0.002	0.22	6.58	11.2	1	1.9	207	0.70	<0.05	15.4	0.252	1.77	4.7	67	2.4
L829486		<0.002	1.41	14.75	11.5	2	2.2	158.5	0.61	0.22	15.8	0.226	2.07	6.5	61	2.7
L829487		<0.002	9.99	300	7.1	2	8.8	50.2	0.34	1.22	10.4	0.122	2.28	45.0	43	4.7
L829489		<0.002	3.85	9.79	12.0	2	1.9	131.0	0.56	0.22	16.3	0.202	2.28	5.4	72	2.7
K269192		<0.002	0.75	4.50	11.1	1	3.5	220	0.66	0.09	13.8	0.236	1.52	4.1	67	2.0
K269193		<0.002	3.47	45.7	10.7	2	4.6	75.6	0.66	0.37	14.1	0.225	2.40	5.3	59	3.7
K269195		<0.002	0.06	2.37	10.2	1	1.8	310	0.78	<0.05	12.8	0.241	1.27	4.1	64	2.4
K269204		<0.002	1.12	7.17	11.8	2	3.0	157.5	0.65	0.25	13.8	0.239	2.01	5.3	73	2.8





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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026783**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
L829405		14.4	129	27.7				
L829406		8.5	5190	17.3				
L829408		15.4	300	23.8				
L829409		14.8	1020	23.5				
L829410		13.8	787	22.0				
L829411		14.6	414	22.8				
G0561927		7.2	>10000	17.6	158	1.265	1.485	9.39
L829412		11.9	541	25.5				
L829413		14.4	168	28.1				
L829414		10.6	3600	18.6				
L829416		14.1	814	29.3				
L829417		13.8	317	30.5				
L829418		15.4	230	27.2				
L829419		5.8	>10000	8.7				2.85
L829420		14.0	1640	32.7				
K272277		1.0	47	<0.5				
L829428		13.7	717	26.1				
L829430		11.0	8330	22.2				
L829431		9.6	9080	27.3				
L829432		16.5	128	30.3				
L829433		11.1	2180	30.5				
L829434		7.0	8100	22.8	259			
L829435		10.5	179	105.0				
L829448		16.0	210	30.3				
G0561928		12.5	7150	16.9				
L829449		12.8	>10000	24.6				2.22
L829450		17.8	501	33.6				
L829451		11.1	3350	25.7				
L829452		16.8	77	32.5				
L829486		16.6	95	23.2				
L829487		11.3	7610	16.6	160			
L829489		15.9	124	25.6				
K269192		18.6	992	33.6				
K269193		15.3	3640	34.1				
K269195		16.1	221	37.4				
K269204		17.8	2830	32.9				



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**CERTIFICATE OF ANALYSIS WH12026783**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026784**

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P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026784**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K269205		25.7	5.99	154.0	570	1.20	5.42	2.72	112.5	41.8	21.3	14	12.75	127.5	4.01	14.10
K269206		0.67	7.17	17.9	1030	1.27	0.45	2.14	3.72	44.5	7.2	13	10.55	4.8	2.20	16.25
K269246		0.34	7.60	25.9	2220	1.66	0.26	2.16	5.36	37.6	9.4	11	13.70	6.2	3.14	18.30
K269247		3.40	6.03	>10000	390	1.46	2.41	1.02	88.1	36.8	6.7	12	12.25	51.3	5.36	16.15
G0561929		>100	1.42	1135	120	0.26	63.1	1.80	514	11.45	31.0	30	0.72	>10000	18.00	18.45
K269249		0.65	7.53	89.1	1140	1.71	0.19	1.92	2.76	44.4	7.8	10	22.7	9.6	3.19	17.80
K269250		1.88	6.51	547	550	1.50	0.38	1.18	8.04	40.9	7.6	8	20.6	18.3	3.27	15.20
K269251		78.7	2.67	8120	140	0.86	84.3	1.44	554	14.55	5.0	8	11.85	1585	4.99	7.23
K269252		3.95	6.56	891	1160	1.38	4.97	2.11	33.4	41.4	9.0	7	23.4	58.9	3.15	15.05
K269253		0.77	7.26	67.0	2600	1.30	0.54	2.38	2.70	45.8	6.5	7	15.80	20.2	2.72	15.05
K269254		0.61	7.65	122.5	1620	1.37	0.26	3.04	1.20	57.8	10.6	9	17.35	5.4	3.34	15.95
K272318		0.02	0.12	<5	20	0.05	0.03	21.1	0.15	1.75	1.7	<1	0.30	1.6	0.40	0.57
K269255		57.5	5.89	>10000	190	1.25	29.9	1.62	355	42.7	10.2	6	11.30	587	7.27	16.20
K269256		0.59	7.15	552	1450	1.64	0.33	2.49	8.19	39.0	8.5	10	20.1	13.1	3.13	17.40
K269257		2.98	7.70	587	1930	1.45	0.15	2.31	35.4	41.8	7.6	9	11.65	20.0	3.21	18.35
K269298		0.17	7.25	29.6	2000	1.70	0.17	2.78	0.54	38.1	7.0	17	16.90	3.1	3.08	18.00
K269299		37.5	7.02	3660	310	1.66	28.4	2.09	55.4	41.8	6.8	9	22.2	706	4.63	16.50
K269300		0.61	7.60	53.3	2120	1.53	0.59	2.22	0.98	40.5	6.9	12	13.50	38.3	3.01	17.70
K269341		1.13	7.39	73.2	2020	1.64	0.98	2.87	0.89	39.3	6.4	10	15.75	34.2	3.16	17.00
K269342		80.5	5.97	2390	730	1.16	80.8	1.33	7.73	29.9	8.9	10	9.71	3790	11.05	13.90
K269343		0.37	7.69	20.0	2150	1.88	0.39	2.46	0.39	40.3	13.6	10	13.95	68.0	2.83	17.60
G0561930		>100	8.21	51.7	1530	1.45	1.85	2.53	57.0	28.5	14.4	22	2.38	4810	4.22	23.4
L828026		0.42	7.46	42.0	2190	1.37	0.28	1.81	1.47	36.3	7.3	11	13.55	47.7	3.33	17.50
L828027		39.1	7.47	4810	1000	1.40	34.8	1.37	179.0	42.8	8.7	7	19.75	1245	6.44	18.40
L828028		4.03	6.63	231	840	1.46	2.73	3.62	52.7	40.7	8.9	8	18.55	199.0	4.04	14.45
L828029		1.24	8.24	37.6	820	1.82	0.81	1.79	11.45	51.7	9.1	9	15.30	12.9	4.72	18.20
L828031		0.47	8.11	16.6	2320	1.80	0.30	2.44	0.76	41.1	8.0	8	14.55	52.8	3.68	18.60
L828032		0.83	7.89	1500	2460	1.37	0.58	1.31	4.14	48.6	8.4	8	14.40	22.7	3.36	17.80
L828033		4.76	7.33	290	2570	1.60	6.11	2.06	31.0	43.9	7.1	7	22.9	150.0	4.55	17.55
L828034		2.80	7.53	686	1410	1.82	3.09	2.42	9.66	47.2	8.4	8	21.0	30.7	3.45	17.00
L828035		1.19	7.62	326	1640	1.81	0.44	1.94	10.60	46.0	7.4	8	17.00	18.0	3.69	17.35
L828037		0.43	7.57	9.1	1990	2.14	0.24	2.21	5.65	41.3	7.9	8	14.10	11.4	3.98	17.30
L828038		28.7	6.29	6060	220	1.41	38.6	1.29	539	34.2	7.0	8	12.30	400	4.64	15.90
L828039		0.56	7.51	97.3	2090	1.60	0.53	2.13	5.93	41.8	7.7	9	14.50	18.6	3.04	17.00
L828063		0.18	7.23	11.9	1910	1.58	0.21	2.22	0.37	38.5	6.2	8	11.70	5.8	3.13	17.00
L828064		9.34	6.28	6530	410	1.33	8.56	0.56	44.0	32.7	13.5	8	9.76	242	7.13	14.35



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026784**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K269205		0.11	0.9	1.875	2.48	22.7	15.5	1.00	3060	2.14	0.06	5.3	2.2	480	5500	142.0
K269206		0.13	1.1	0.064	1.90	19.1	89.2	0.67	831	0.95	0.10	7.8	2.2	590	129.5	89.3
K269246		0.19	1.2	0.149	3.03	18.2	32.5	0.62	921	1.50	0.44	8.6	2.1	620	171.5	130.0
K269247		0.13	1.0	1.265	2.54	19.4	14.9	0.49	2230	7.81	0.02	6.3	2.2	430	472	147.0
G0561929		0.97	0.6	6.69	0.42	6.4	7.9	0.88	393	40.7	0.02	1.8	57.4	390	>10000	15.7
K269249		0.14	1.3	0.072	2.95	22.9	23.3	0.77	1540	2.75	0.07	8.1	2.3	580	248	140.5
K269250		0.14	1.0	0.180	1.69	22.3	278	0.53	1780	13.95	0.03	6.6	2.0	500	786	101.5
K269251		0.05	0.4	18.45	1.01	7.9	53.6	0.32	1680	20.9	0.02	2.7	2.2	190	7910	59.2
K269252		0.14	1.1	1.300	1.88	22.6	78.5	0.75	1330	7.83	0.03	6.8	2.3	480	337	116.0
K269253		0.15	1.1	0.137	1.90	24.2	133.5	0.82	831	2.15	0.04	7.4	1.9	570	63.5	79.1
K269254		0.21	1.2	0.074	2.83	32.7	53.1	1.11	1180	1.53	0.04	8.0	2.4	560	36.4	140.0
K272318		0.35	<0.1	0.006	0.05	0.9	1.7	13.30	186	0.12	0.01	0.5	0.2	250	3.9	2.2
K269255		0.14	0.8	6.19	2.60	23.5	11.1	0.64	1760	2.03	0.02	6.1	2.1	430	>10000	141.5
K269256		0.15	1.2	0.108	2.81	19.2	61.2	0.60	581	0.80	0.13	7.7	2.1	550	84.7	105.5
K269257		0.20	1.4	0.179	2.97	20.6	34.4	0.63	477	1.24	0.14	8.8	2.3	600	738	110.0
K269298		0.21	1.2	0.055	2.93	18.2	50.2	0.73	700	0.80	1.21	8.3	2.1	610	34.9	111.0
K269299		0.14	1.1	1.105	2.96	21.3	41.2	0.70	853	1.63	0.06	7.4	2.3	540	6720	148.5
K269300		0.17	1.3	0.131	3.29	19.9	59.4	0.67	809	1.04	0.18	8.4	2.2	600	53.1	128.0
K269341		0.20	1.0	0.051	3.25	19.2	31.1	0.72	1020	1.14	1.31	7.8	1.9	580	275	131.5
K269342		0.17	0.7	1.415	2.67	15.9	41.0	0.52	1150	4.38	0.15	5.9	1.6	420	1545	153.5
K269343		0.22	1.1	0.040	2.93	20.4	53.5	0.58	459	5.14	1.60	8.2	2.5	590	28.4	117.5
G0561930		0.18	0.6	12.60	2.33	14.5	11.6	0.75	621	42.3	2.71	7.4	12.4	850	9720	70.4
L828026		0.17	1.3	0.078	3.16	18.0	26.4	0.49	743	0.74	0.12	8.4	2.2	600	73.2	131.5
L828027		0.18	1.2	5.14	2.89	22.5	32.7	0.64	1030	1.40	0.07	7.5	2.2	550	3640	179.5
L828028		0.14	1.1	3.38	2.33	22.1	38.6	0.91	1380	1.10	0.04	6.4	2.1	500	633	124.5
L828029		0.21	1.3	0.104	3.15	27.6	32.9	0.77	1060	1.04	0.72	7.0	2.6	600	231	165.5
L828031		0.22	1.4	0.069	3.21	19.8	21.3	0.74	691	0.82	1.23	8.8	2.2	630	85.4	113.0
L828032		0.20	1.4	0.109	2.75	25.7	34.6	0.53	1130	1.15	0.10	8.4	2.5	610	181.0	122.0
L828033		0.19	1.2	0.582	3.03	22.9	66.6	0.83	2000	0.91	0.06	7.3	2.1	530	414	145.5
L828034		0.20	1.3	0.216	3.29	24.4	61.1	0.77	1700	1.41	0.06	7.8	2.1	550	466	156.5
L828035		0.22	1.3	0.155	3.37	23.3	32.7	0.60	1200	1.26	0.70	8.1	2.2	560	396	149.0
L828037		0.22	1.4	0.089	3.25	19.9	20.4	0.74	752	0.93	0.83	8.6	2.4	570	170.0	122.0
L828038		0.17	1.0	19.65	3.20	16.9	60.5	0.42	1780	0.84	0.17	6.7	1.9	460	1185	143.0
L828039		0.22	1.2	0.212	2.94	20.7	44.0	0.66	691	1.07	1.37	8.1	2.1	580	53.5	116.0
L828063		0.25	1.0	0.042	2.56	18.9	25.1	0.73	546	1.46	1.90	8.1	2.2	570	24.1	100.0
L828064		0.18	0.9	0.725	2.72	17.3	18.6	0.36	664	2.44	0.03	5.6	3.0	440	1245	163.5



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026784**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K269205		<0.002	2.07	29.5	8.4	1	3.8	68.0	0.49	0.27	10.5	0.169	2.53	2.8	56	3.8
K269206		0.002	0.36	21.7	9.7	1	2.8	108.5	0.76	0.26	12.8	0.244	1.92	5.9	65	2.4
K269246		<0.002	0.34	12.40	12.0	2	1.7	146.5	0.72	<0.05	11.0	0.263	1.88	3.5	73	3.5
K269247		<0.002	2.85	70.6	9.1	2	7.3	46.6	0.55	<0.05	10.2	0.190	2.59	4.9	54	4.6
G0561929		0.037	>10.0	271	2.7	240	115.0	41.8	0.10	0.83	1.0	0.042	34.7	3.7	59	1.9
K269249		<0.002	0.40	13.75	11.7	2	1.7	104.0	0.74	<0.05	13.2	0.249	3.02	7.2	69	3.7
K269250		<0.002	0.57	59.7	9.6	2	2.2	160.0	0.57	<0.05	11.4	0.212	1.71	5.1	60	4.9
K269251		<0.002	5.68	401	3.8	4	5.3	175.5	0.22	0.13	4.3	0.083	1.37	7.6	24	2.5
K269252		<0.002	0.94	35.0	10.0	2	2.6	191.0	0.61	0.05	12.1	0.207	2.07	11.7	56	6.2
K269253		0.027	0.43	10.10	9.6	1	1.5	398	0.67	<0.05	11.9	0.242	1.83	4.4	65	5.3
K269254		<0.002	0.57	8.49	9.8	2	2.0	174.5	0.75	<0.05	14.2	0.240	2.86	4.8	64	4.5
K272318		<0.002	<0.01	0.20	0.3	1	<0.2	51.7	<0.05	<0.05	0.2	0.005	0.02	0.6	3	0.1
K269255		<0.002	6.91	105.0	8.7	3	9.4	58.7	0.53	0.08	8.9	0.189	2.76	3.0	54	4.2
K269256		<0.002	0.39	8.04	10.6	2	1.9	133.0	0.71	<0.05	11.6	0.246	1.82	4.1	66	2.8
K269257		<0.002	0.49	11.80	11.7	2	1.8	119.5	0.80	<0.05	12.5	0.266	1.41	5.4	68	4.6
K269298		<0.002	0.16	4.87	11.5	2	1.9	274	0.71	<0.05	10.6	0.258	1.91	3.5	74	2.0
K269299		<0.002	3.14	50.5	10.7	2	5.2	135.5	0.63	0.07	10.9	0.231	2.67	4.8	64	3.5
K269300		<0.002	0.26	15.25	11.0	2	1.8	188.0	0.80	<0.05	11.3	0.259	1.95	3.1	70	3.0
K269341		<0.002	0.25	4.28	10.5	2	2.9	261	0.70	<0.05	11.5	0.246	1.82	4.0	66	3.0
K269342		<0.002	>10.0	250	8.3	2	5.6	74.5	0.50	0.70	9.1	0.182	1.93	3.5	54	3.1
K269343		<0.002	0.46	20.9	11.5	2	1.7	299	0.74	0.08	12.1	0.256	1.35	4.2	70	2.1
G0561930		0.020	1.70	155.0	8.1	5	346	707	0.45	0.12	5.0	0.241	3.67	1.1	81	19.9
L828026		<0.002	0.26	19.25	11.0	2	1.7	102.0	0.74	<0.05	11.1	0.257	1.94	3.9	70	4.5
L828027		<0.002	4.92	193.0	11.4	3	5.0	72.1	0.63	0.15	12.2	0.235	2.58	3.3	67	5.4
L828028		<0.002	1.21	55.8	10.2	2	1.8	115.0	0.55	0.07	11.1	0.205	1.92	6.0	63	4.4
L828029		<0.002	1.63	10.25	12.2	2	1.7	170.0	0.65	0.47	13.8	0.230	2.29	5.2	69	2.8
L828031		<0.002	0.07	8.87	11.7	2	1.7	248	0.78	<0.05	11.7	0.271	1.72	3.3	74	2.7
L828032		<0.002	0.59	27.6	11.6	2	2.1	84.7	0.75	<0.05	14.4	0.256	1.76	3.2	68	5.6
L828033		<0.002	1.05	32.2	10.3	2	4.5	109.0	0.64	<0.05	12.5	0.227	2.81	5.0	63	4.7
L828034		<0.002	1.05	25.8	10.9	2	3.7	97.5	0.71	0.05	12.8	0.241	3.19	4.8	65	4.7
L828035		<0.002	1.39	13.65	10.9	2	2.7	178.0	0.72	<0.05	12.8	0.242	2.33	4.5	66	3.5
L828037		0.002	0.09	4.99	11.2	2	1.9	182.0	0.76	<0.05	12.0	0.258	1.94	3.5	67	2.8
L828038		<0.002	3.65	30.4	9.3	5	5.9	93.0	0.57	0.07	10.1	0.205	2.30	3.4	58	3.5
L828039		<0.002	0.17	12.30	10.8	2	1.6	253	0.71	<0.05	11.8	0.249	1.46	3.7	68	3.5
L828063		<0.002	0.12	5.36	10.7	2	1.7	308	0.67	<0.05	10.6	0.246	1.20	3.6	68	2.2
L828064		<0.002	6.36	58.8	8.2	2	6.1	27.2	0.49	0.26	9.7	0.188	2.45	4.5	58	6.1



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026784**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K269205		10.2	6930	23.4				
K269206		13.2	281	27.1				
K269246		14.3	381	34.2				
K269247		9.5	5590	28.1				
G0561929		6.6	>10000	19.8	154	1.220	1.480	8.98
K269249		13.9	267	37.9				
K269250		11.8	602	29.1				
K269251		6.2	>10000	11.7				3.78
K269252		12.6	2140	33.9				
K269253		13.3	205	31.1				
K269254		14.2	126	32.4				
K272318		1.1	21	0.5				
K269255		10.5	>10000	22.4			1.485	2.07
K269256		12.8	573	35.0				
K269257		15.3	2150	39.8				
K269298		13.8	70	33.6				
K269299		12.5	3680	31.2				
K269300		13.9	92	36.5				
K269341		13.7	123	29.4				
K269342		10.9	691	21.6				
K269343		13.8	74	33.0				
G0561930		10.6	7580	16.8	105			
L828026		13.0	152	37.0				
L828027		12.9	>10000	36.0				1.370
L828028		16.0	5910	32.6				
L828029		14.4	835	38.5				
L828031		15.2	122	40.9				
L828032		14.3	415	40.5				
L828033		13.2	2120	35.2				
L828034		13.4	768	38.4				
L828035		13.7	880	38.8				
L828037		15.1	473	41.4				
L828038		11.1	>10000	31.5				3.67
L828039		14.5	433	36.6				
L828063		14.4	69	27.9				
L828064		9.0	3300	25.2				



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1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Project: Klaza

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 12-MAR-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12026784**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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Page: 1  
Finalized Date: 6-MAR-2012  
Account: ROCKHA

**CERTIFICATE WH12026785**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 6-MAR-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026785**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
L828066		0.29	7.37	11.1	1920	1.59	0.20	2.29	1.41	46.6	6.3	9	12.85	18.4	3.08	16.40
L828087		0.26	6.19	32.2	1670	1.44	0.31	3.19	0.31	48.9	8.3	8	16.90	8.8	2.74	15.35
L828088		44.0	6.18	1530	710	1.53	19.95	2.10	15.05	39.8	7.8	9	18.50	2190	6.63	14.45
L828089		0.29	7.97	52.6	1040	1.97	0.25	2.41	0.35	73.6	7.7	24	19.95	16.1	2.99	19.45
L828090		20.1	5.08	970	1400	1.25	15.30	1.02	6.38	152.0	13.1	7	8.59	169.5	8.78	11.75
L828092		0.20	6.52	14.4	2340	1.47	0.15	2.80	0.17	42.6	5.4	8	12.65	6.5	2.82	15.20
L828967		0.21	5.18	21.2	80	2.92	0.64	0.53	5.53	20.4	3.2	5	18.75	4.9	0.65	15.30
G0561931		>100	1.38	920	270	0.25	46.6	1.76	500	14.75	26.5	30	0.75	>10000	17.50	17.95
L828968		24.1	3.88	4330	520	1.35	3.56	1.82	122.0	26.6	4.6	7	13.25	230	4.82	9.50
L828969		1.10	7.28	75.4	1930	1.66	0.77	1.33	20.3	51.0	8.8	10	14.40	45.4	3.23	17.05
L828987		0.49	6.70	37.6	2180	1.48	0.16	2.84	2.94	39.1	6.6	9	15.10	12.8	3.36	15.35
L828988		39.8	6.24	871	1230	1.46	38.7	2.19	95.4	43.4	6.5	7	12.90	2280	5.89	13.35
L828989		0.32	7.05	11.1	2370	1.60	0.24	2.29	0.77	45.0	6.3	14	12.35	9.7	3.06	15.15
L828993		0.18	7.17	12.7	3290	1.62	0.15	2.71	0.59	40.9	7.7	7	20.3	11.1	3.08	15.85
L828994		48.3	4.76	>10000	540	0.86	13.80	0.40	901	24.4	6.3	11	6.55	1155	7.85	11.80
G0561932		>100	7.71	53.0	1310	1.29	1.64	2.44	56.1	32.0	13.0	22	2.49	4700	4.09	21.8
L828995		0.29	7.30	23.4	2060	1.28	0.15	1.28	2.20	47.4	6.8	11	12.05	11.5	2.92	16.85
L829006		3.14	6.87	67.2	1900	1.62	4.40	2.56	4.29	43.0	8.6	10	19.55	62.7	3.02	15.65
L829007		15.05	6.62	3880	900	1.55	18.60	2.02	21.7	44.7	6.8	9	15.80	342	4.55	15.90
L829008		1.31	7.27	213	1430	1.68	1.01	1.86	6.34	51.0	11.0	9	17.95	33.2	5.84	15.90
L829009		>100	4.46	1880	450	0.97	354	0.44	5.18	14.55	667	7	3.40	315	19.30	11.05
L829011		2.77	7.20	134.0	810	1.46	2.36	1.76	11.10	50.0	30.7	9	9.17	66.8	3.49	15.90
L829012		6.03	7.27	251	1150	1.64	3.67	2.20	18.30	51.8	15.1	8	13.75	29.6	4.05	16.20
K272350		0.05	0.10	6	20	0.07	0.07	20.0	0.16	1.81	2.0	2	0.20	2.4	0.42	0.41
L829013		29.7	6.04	439	470	1.34	34.0	2.29	164.5	43.6	7.9	10	15.20	620	5.07	13.70
L829014		7.17	5.02	608	740	1.05	7.22	1.45	42.3	27.0	47.9	7	12.20	166.5	4.23	10.95
L829015		1.83	5.82	696	490	1.30	1.80	0.89	10.95	40.7	7.9	7	17.90	23.4	4.08	13.35
L829016		2.27	6.60	92.3	890	1.33	1.24	1.84	21.5	48.7	13.8	8	13.70	26.2	3.48	14.20
L829017		0.87	7.84	197.5	1150	1.81	0.95	1.75	7.02	51.0	7.1	9	27.5	26.0	3.19	16.80
L829018		2.51	7.09	233	1440	1.57	2.26	2.50	5.59	49.4	6.7	7	16.30	67.7	4.56	16.60
L829019		>100	5.13	2390	800	1.26	219	2.18	55.5	29.9	5.5	7	11.00	4840	8.74	13.10
L829021		0.61	7.53	24.7	1980	1.55	0.66	2.36	1.07	51.4	7.7	9	22.7	22.6	3.45	16.20
L829046		0.96	6.84	280	1310	1.77	0.62	2.89	4.57	43.0	8.4	8	20.6	48.4	2.76	15.85
L829047		24.8	4.50	3300	1370	0.98	36.3	1.04	25.7	28.0	25.3	9	6.72	225	8.96	10.15
L829049		0.18	7.81	29.7	660	1.98	0.18	1.96	0.51	48.7	5.8	8	27.4	7.7	2.61	16.65
L829054		0.75	6.84	238	1680	1.75	0.36	1.83	0.96	44.3	8.7	7	21.7	25.7	2.84	15.20



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 6-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026785**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
L828066		0.20	1.0	0.057	2.94	24.8	51.4	0.70	678	1.83	1.45	7.0	2.5	580	74.4	117.0
L828087		0.19	0.9	0.069	2.33	26.1	39.9	0.90	661	0.95	1.57	6.8	3.1	530	38.2	92.9
L828088		0.20	1.1	0.946	2.49	21.7	30.8	0.60	695	1.36	0.47	6.4	3.3	520	610	138.5
L828089		0.20	4.4	0.043	2.28	37.9	72.0	1.04	568	0.54	0.06	11.0	8.4	1350	25.5	75.2
L828090		0.24	0.7	0.365	2.37	133.0	15.2	0.46	1200	5.01	0.04	4.7	1.9	350	420	162.5
L828092		0.16	1.2	0.043	2.61	23.1	80.4	0.75	469	3.64	0.62	7.7	2.1	560	30.8	88.5
L828967		0.08	2.4	0.033	1.60	10.1	136.5	0.10	369	2.39	0.03	16.0	0.5	60	35.3	132.5
G0561931		1.08	0.6	7.44	0.41	8.2	7.5	0.83	384	40.5	0.02	1.8	56.3	380	>10000	20.6
L828968		0.11	0.7	1.260	1.61	15.3	34.4	0.70	2390	45.9	0.03	4.4	1.5	210	4460	119.0
L828969		0.19	1.1	0.091	3.13	26.9	29.8	0.48	1120	1.68	0.23	7.9	2.7	580	219	160.5
L828987		0.20	1.0	0.080	2.83	20.9	16.0	0.71	888	1.02	1.07	7.3	2.4	560	156.0	95.7
L828988		0.19	0.9	3.58	2.90	24.6	17.4	0.55	1550	2.21	0.27	6.0	2.2	460	2400	170.0
L828989		0.20	1.0	0.048	2.62	24.0	21.6	0.84	489	1.35	1.86	7.6	2.5	600	55.8	98.7
L828993		0.21	1.1	0.061	2.76	21.8	26.7	0.70	488	1.07	1.26	7.9	2.3	570	24.2	107.0
L828994		0.17	0.6	13.85	2.15	12.6	10.2	0.28	1300	2.54	0.03	4.7	1.7	340	7920	140.5
G0561932		0.17	0.6	13.85	2.26	17.7	11.1	0.70	598	40.8	2.60	7.2	12.6	820	9120	70.9
L828995		0.17	1.0	0.076	2.85	25.2	26.1	0.38	694	0.78	0.15	8.0	2.2	580	75.0	123.0
L829006		0.11	1.1	0.184	2.97	20.4	34.8	0.48	974	0.42	1.28	8.1	1.7	550	101.5	109.0
L829007		0.15	0.9	0.969	2.74	23.4	22.6	0.74	3780	0.78	0.03	6.9	1.5	480	424	142.5
L829008		0.19	1.1	0.368	3.00	29.6	10.6	0.88	3860	0.56	0.03	7.6	1.8	530	138.5	158.5
L829009		0.39	0.5	0.709	2.07	7.0	7.0	0.27	1130	25.6	0.02	3.5	18.0	200	1770	118.5
L829011		0.13	1.0	0.269	3.23	29.0	9.1	0.78	1780	2.22	0.03	6.6	1.8	510	491	187.5
L829012		0.15	1.0	0.501	3.21	29.6	12.7	0.91	1880	0.96	0.03	7.2	1.8	560	148.0	180.0
K272350		<0.05	<0.1	0.010	0.04	0.8	1.3	12.30	192	0.22	<0.01	0.4	<0.2	280	3.4	2.0
L829013		0.13	1.0	5.29	2.39	24.5	53.1	0.84	1640	3.95	0.03	6.4	1.3	420	1175	121.5
L829014		0.06	0.7	1.430	1.97	13.0	80.1	0.55	1310	10.35	0.02	4.6	2.0	290	104.5	103.5
L829015		0.08	1.0	0.401	2.40	22.9	30.9	0.47	1600	11.25	0.02	6.4	1.8	400	257	145.5
L829016		0.11	1.0	0.398	2.67	27.9	24.2	0.76	1380	1.94	0.03	6.9	1.7	480	708	130.5
L829017		0.12	1.3	0.139	2.46	28.1	218	0.70	978	0.72	0.04	8.8	1.5	570	86.2	121.5
L829018		0.15	1.2	0.241	2.95	27.5	15.3	0.95	5460	0.88	0.02	8.3	1.5	540	123.0	153.5
L829019		0.14	0.8	3.47	2.11	14.2	16.4	0.95	4560	0.89	0.02	5.4	0.9	340	1415	100.5
L829021		0.12	1.3	0.063	2.69	29.5	100.0	0.88	1130	0.62	0.08	8.5	2.0	540	45.3	120.5
L829046		0.13	1.0	0.246	2.89	23.1	67.2	0.79	2030	1.52	0.04	8.2	1.6	520	64.8	120.5
L829047		0.17	0.6	0.883	1.97	14.1	16.7	0.39	2410	6.55	0.02	4.6	2.1	310	395	109.0
L829049		0.12	1.2	0.036	2.55	26.3	343	0.76	744	3.56	0.04	8.9	1.4	640	32.4	114.0
L829054		0.15	0.9	0.114	2.86	25.4	24.8	0.69	1220	9.07	0.03	7.5	2.3	550	38.0	179.0



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Total # Pages: 2 (A - D)  
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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026785**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
L828066		<0.002	0.12	9.90	11.1	1	1.5	267	0.64	<0.05	13.2	0.256	1.66	4.1	67	2.6
L828087		<0.002	0.34	3.39	9.3	1	2.1	253	0.59	0.05	9.6	0.234	1.66	3.0	62	1.2
L828088		<0.002	5.96	52.0	9.5	2	4.6	184.0	0.53	0.63	10.4	0.206	2.13	5.0	55	2.7
L828089		<0.002	0.09	7.74	7.7	1	1.4	464	0.82	<0.05	10.2	0.364	1.02	3.8	66	2.0
L828090		<0.002	8.11	35.1	8.3	1	6.7	96.0	0.46	0.35	10.2	0.152	2.12	5.4	50	3.2
L828092		<0.002	0.08	5.56	10.4	1	2.0	344	0.83	<0.05	11.4	0.245	1.44	2.8	65	2.9
L828967		<0.002	0.03	31.0	2.7	1	2.7	70.6	2.28	<0.05	18.3	0.029	1.11	5.0	3	1.6
G0561931		0.031	>10.0	262	2.8	228	101.0	43.5	0.10	0.78	1.2	0.042	32.1	4.3	57	1.8
L828968		<0.002	2.48	125.0	5.9	1	4.2	43.8	0.43	0.05	8.0	0.116	1.83	8.8	34	4.9
L828969		<0.002	0.18	17.55	11.0	1	1.5	97.2	0.71	<0.05	15.1	0.246	2.00	4.3	67	3.4
L828987		<0.002	0.17	5.89	9.8	1	1.6	276	0.69	<0.05	11.2	0.245	1.55	3.9	66	3.5
L828988		<0.002	4.89	62.5	9.6	2	4.5	102.5	0.65	0.14	11.8	0.202	2.44	5.0	54	4.1
L828989		<0.002	0.04	3.58	11.2	1	1.6	324	0.73	<0.05	13.2	0.265	1.10	3.1	74	3.6
L828993		<0.002	0.07	7.14	10.6	1	1.5	315	0.70	<0.05	11.3	0.251	1.19	3.2	68	1.9
L828994		<0.002	8.78	114.0	6.5	5	5.6	14.8	0.41	0.21	7.7	0.157	2.31	2.6	42	6.4
G0561932		0.019	1.64	142.0	7.9	4	327	691	0.45	0.10	5.6	0.235	3.77	1.3	76	19.8
L828995		<0.002	0.10	13.80	11.0	1	1.6	90.3	0.70	<0.05	14.4	0.259	1.45	3.5	70	5.5
L829006		<0.002	0.48	6.24	10.5	<1	2.1	243	0.74	0.07	11.4	0.239	1.81	4.1	65	2.2
L829007		<0.002	2.35	35.2	10.0	<1	5.7	93.9	0.61	0.08	12.5	0.210	2.86	4.9	59	5.8
L829008		<0.002	1.44	9.22	10.7	<1	3.2	81.2	0.68	0.16	14.5	0.224	3.26	5.5	62	7.6
L829009		0.017	>10.0	48.1	4.0	6	12.6	14.5	0.30	16.80	6.2	0.105	1.64	2.3	55	4.8
L829011		0.003	1.91	18.30	10.3	<1	5.9	63.7	0.57	0.18	15.1	0.197	2.88	5.8	67	5.4
L829012		0.002	1.71	12.05	11.0	1	3.9	86.8	0.61	0.34	14.4	0.211	3.19	5.4	67	5.0
K272350		<0.002	0.02	0.20	0.4	<1	<0.2	53.4	<0.05	<0.05	0.2	<0.005	<0.02	0.6	3	0.1
L829013		0.002	3.62	134.0	8.7	2	3.7	99.5	0.61	0.50	13.2	0.183	2.39	6.9	51	5.8
L829014		0.003	3.09	53.9	6.1	<1	5.4	125.5	0.40	0.44	8.4	0.142	1.84	5.1	46	5.6
L829015		<0.002	2.23	37.5	8.5	<1	4.0	71.9	0.58	0.08	12.3	0.182	2.43	7.6	53	5.0
L829016		0.002	1.20	16.95	9.8	<1	3.3	108.0	0.61	0.11	14.4	0.206	2.47	6.5	60	5.9
L829017		<0.002	0.55	16.85	11.9	<1	2.1	126.5	0.77	<0.05	15.9	0.254	2.07	4.5	70	5.5
L829018		<0.002	1.48	18.45	11.5	<1	5.8	79.5	0.75	<0.05	14.7	0.236	3.61	5.4	66	8.7
L829019		0.002	6.43	186.5	7.3	1	7.6	64.7	0.51	0.32	9.9	0.156	2.35	5.0	43	6.9
L829021		0.002	0.30	6.82	11.2	<1	1.6	140.0	0.75	<0.05	15.0	0.234	2.24	6.3	66	4.4
L829046		<0.002	0.72	15.80	10.3	<1	1.9	109.5	0.70	<0.05	13.1	0.227	3.21	5.5	62	4.3
L829047		0.002	9.12	76.3	6.4	<1	3.9	45.2	0.42	0.74	7.9	0.133	2.01	4.0	39	4.0
L829049		0.002	0.29	8.47	12.4	<1	2.0	246	0.84	<0.05	16.2	0.251	2.33	5.2	68	3.8
L829054		<0.002	1.63	23.5	11.2	<1	2.8	130.0	0.65	<0.05	13.6	0.221	3.27	9.2	66	4.6



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026785**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
L828066		15.5	162	28.0				
L828087		13.3	70	27.5				
L828088		13.3	1120	38.9				
L828089		13.5	92	177.0				
L828090		11.0	540	18.7				
L828092		14.3	50	34.8				
L828967		12.5	303	41.4				
G0561931		8.6	>10000	20.7	164	1.240	1.505	9.16
L828968		14.1	3750	20.2				
L828969		17.5	2180	32.7				
L828987		16.0	253	28.1				
L828988		15.1	7100	23.2				
L828989		16.2	93	27.0				
L828993		18.4	89	30.8				
L828994		6.7	>10000	16.7				5.57
G0561932		12.6	7470	16.8	106			
L828995		16.8	211	29.2				
L829006		13.7	318	29.1				
L829007		11.7	1620	23.9				
L829008		12.8	587	26.6				
L829009		5.4	417	14.1	192			
L829011		11.1	963	25.5				
L829012		12.8	1350	26.6				
K272350		1.0	21	<0.5				
L829013		12.7	>10000	24.0				1.060
L829014		8.9	2880	18.5				
L829015		9.6	786	25.6				
L829016		11.8	2090	26.3				
L829017		15.8	521	32.0				
L829018		13.6	470	29.3				
L829019		9.3	4040	21.2	116			
L829021		16.9	121	33.0				
L829046		14.7	433	28.2				
L829047		8.5	1960	15.8				
L829049		16.1	83	28.5				
L829054		13.9	126	23.2				



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**CERTIFICATE OF ANALYSIS WH12026785**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026786**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026786**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
L829055		21.6	5.61	1835	1660	1.45	15.20	1.69	155.0	36.8	7.4	7	13.75	277	6.03	12.70
L829056		0.18	7.11	13.1	1230	2.24	0.15	1.61	0.68	59.9	6.0	13	19.80	12.5	2.33	18.75
L829063		5.97	6.75	1745	830	1.43	2.69	1.08	91.0	40.1	8.7	50	8.31	82.4	5.69	17.15
L829064		>100	5.86	5980	790	1.26	18.70	1.62	65.7	36.4	7.5	13	8.22	3560	10.30	12.90
L829065		6.18	6.84	458	320	1.46	7.16	0.39	16.75	47.0	6.6	9	8.06	132.5	6.59	15.50
L829078		0.48	7.48	20.9	1820	1.62	0.18	2.64	1.70	49.3	7.4	16	12.35	35.2	2.94	16.40
L829079		10.95	6.24	1380	400	1.33	9.33	0.77	79.2	43.7	6.7	9	9.41	283	7.70	13.65
G0561933		>100	1.43	1135	250	0.27	57.3	1.77	514	13.60	29.5	30	0.71	>10000	17.15	16.90
L829081		2.02	7.03	35.0	1880	1.67	3.22	2.34	1.88	46.7	8.0	11	12.95	74.6	3.18	15.50
L829082		50.6	5.70	1040	770	1.22	77.0	1.19	60.1	35.1	8.2	9	10.25	1835	11.60	12.20
L829083		0.38	7.14	28.6	2000	1.79	0.42	2.31	0.60	45.3	7.7	11	12.75	10.4	3.25	16.60
L829102		0.08	6.27	41.6	1690	2.02	0.13	3.65	15.00	48.4	8.5	22	18.85	11.7	2.67	18.15
L829103		3.92	7.02	1555	1080	1.48	5.70	1.70	94.9	43.4	8.0	7	22.9	63.3	3.88	15.60
L829104		0.13	7.15	22.7	2050	1.73	0.12	2.29	1.55	45.5	6.7	9	25.9	5.3	3.19	16.65
L829109		1.24	7.17	35.7	1190	1.73	1.21	1.49	7.33	52.5	7.0	7	19.80	14.7	4.85	15.85
L829110		15.35	6.48	1365	610	1.57	19.10	2.28	107.0	50.2	7.3	9	16.70	163.5	5.19	14.60
L829112		0.14	6.95	7.1	2100	1.73	0.10	2.37	0.58	44.2	6.9	11	12.00	9.9	2.82	15.95
L829153		2.24	6.67	347	760	1.44	1.89	1.32	65.5	57.5	6.5	8	10.70	40.8	3.48	15.85
L829154		52.3	3.53	978	270	1.04	56.3	1.76	48.2	24.5	6.0	7	11.15	2370	5.16	8.59
L829155		3.81	5.50	536	340	1.25	2.20	0.88	24.6	37.5	4.7	7	17.30	129.5	4.73	14.40
G0561934		96.4	7.19	43.8	1440	1.24	1.55	2.23	53.3	27.6	12.5	21	2.33	4320	3.63	20.6
L829156		2.27	6.81	1210	920	1.28	1.42	1.59	24.0	47.3	4.9	7	23.7	56.9	3.26	14.90
L829158		2.67	6.75	103.0	960	1.44	2.25	1.31	19.95	46.9	8.0	7	9.97	49.1	3.46	16.40
L829159		3.59	7.13	252	630	1.45	3.18	1.04	37.8	50.2	5.9	10	7.26	77.8	3.84	16.35
L829160		5.83	6.68	1415	930	1.37	5.72	0.95	56.0	51.6	6.1	8	7.35	97.5	4.29	16.15
L829161		1.02	7.04	39.1	1420	1.57	0.76	2.01	6.11	43.7	35.3	10	6.36	7.9	2.27	15.45
L829162		0.56	6.99	15.2	1370	1.49	0.56	2.08	6.07	56.0	27.5	9	7.60	5.0	2.80	15.35
L829163		0.38	7.16	12.2	1410	1.70	0.31	2.34	4.94	51.8	6.7	10	13.65	6.5	3.75	16.80
L829164		0.40	7.12	9.5	1080	1.75	0.37	2.11	6.50	58.1	5.6	9	9.37	4.8	2.25	16.75
L829165		3.35	6.37	287	1160	1.30	1.55	2.79	14.10	44.9	14.9	9	8.59	18.6	3.86	14.65
L829166		0.19	6.79	10.5	1570	1.67	0.11	2.33	0.23	45.4	6.9	7	18.85	3.0	2.77	16.85
L829167		0.27	7.44	52.1	1740	1.78	0.36	1.57	1.05	47.9	6.1	8	17.55	9.8	3.05	17.25
K272390		0.04	0.09	<5	30	0.07	0.01	20.4	0.09	1.46	0.7	2	0.22	23.5	0.41	0.30
L829168		0.23	7.13	16.2	1140	1.57	0.22	2.18	2.02	46.0	4.4	7	9.59	22.1	2.55	15.95
L829169		5.14	5.99	2200	1220	1.29	4.77	1.58	62.2	41.9	7.9	6	16.95	97.2	4.06	13.80
L829171		0.29	7.25	11.6	1050	1.54	0.32	2.17	0.19	46.1	11.9	8	10.35	5.2	2.96	16.15





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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026786**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
L829055		0.15	0.8	3.68	2.33	18.6	21.6	0.62	3070	10.90	0.03	6.2	2.1	430	597	138.0
L829056		0.16	3.3	0.030	2.54	32.0	369	0.66	562	1.97	0.03	10.8	4.2	900	26.8	86.5
L829063		0.18	1.7	1.210	3.22	20.4	7.1	0.79	4320	1.37	0.03	6.9	19.3	600	1640	198.0
L829064		0.25	0.9	1.610	2.53	17.2	8.6	0.66	3090	1.74	0.02	6.0	3.7	420	886	129.5
L829065		0.15	0.9	0.579	3.11	24.7	9.4	0.40	1060	0.94	0.03	7.1	2.0	500	384	163.5
L829078		0.14	1.0	0.064	2.59	26.7	14.2	0.70	994	0.50	1.93	8.0	1.4	560	85.0	100.5
L829079		0.20	0.9	2.28	2.66	21.8	59.3	0.59	1660	0.57	0.03	6.4	2.1	460	1005	143.0
G0561933		1.08	0.6	7.37	0.41	7.5	8.5	0.86	389	34.8	0.02	1.9	61.8	390	>10000	17.6
L829081		0.10	1.1	0.132	2.73	24.2	26.3	0.69	746	0.63	1.75	8.3	1.5	550	99.8	98.1
L829082		0.22	0.8	4.42	2.45	16.8	20.9	0.49	2470	0.72	0.34	5.8	1.4	390	1235	118.0
L829083		0.16	1.2	0.073	2.82	23.0	36.8	0.71	866	0.56	1.75	8.9	1.6	560	29.3	101.0
L829102		0.15	4.6	0.072	1.96	23.6	70.5	0.61	731	0.87	0.06	11.6	7.2	1330	22.2	51.4
L829103		0.16	1.1	5.61	2.54	23.1	70.9	0.35	552	1.04	0.19	7.9	1.3	530	383	108.5
L829104		0.18	1.3	0.073	2.85	22.5	32.3	0.66	832	1.05	0.95	8.6	1.7	580	43.0	108.0
L829109		0.17	1.2	0.137	3.11	30.3	24.5	0.84	2290	1.37	0.04	7.6	1.8	540	370	167.5
L829110		0.16	1.3	4.12	2.63	25.7	38.0	0.64	2100	4.63	0.03	7.2	1.7	490	1230	149.5
L829112		0.16	1.4	0.039	2.63	23.0	16.2	0.70	527	1.21	2.20	8.5	1.5	550	53.1	89.8
L829153		0.11	0.9	1.040	2.94	34.9	29.0	0.71	1580	4.18	0.03	6.0	5.7	520	514	195.5
L829154		0.09	0.6	2.06	1.39	11.9	33.3	0.70	2590	3.26	0.02	3.4	2.7	190	1800	81.0
L829155		0.11	0.8	0.759	2.17	19.0	32.0	0.48	2350	12.65	0.02	5.6	3.3	370	316	141.0
G0561934		0.09	0.5	12.00	2.08	13.2	10.9	0.64	562	36.1	2.40	6.7	11.6	770	8620	62.7
L829156		0.11	1.1	0.862	2.49	25.4	45.1	0.61	1420	3.16	0.03	6.4	2.6	500	182.0	149.0
L829158		0.10	0.8	0.382	2.98	21.6	28.7	0.72	1800	1.08	0.03	5.1	2.8	480	572	195.0
L829159		0.13	1.1	0.672	3.31	26.3	7.4	0.63	1810	1.38	0.03	6.6	3.3	540	916	221
L829160		0.10	0.9	1.085	3.02	27.8	6.6	0.53	2540	1.42	0.03	6.3	2.6	490	1050	190.0
L829161		0.12	1.0	0.144	3.05	20.0	45.1	0.61	1240	1.33	0.05	5.8	4.4	540	240	183.0
L829162		0.11	1.1	0.123	2.44	29.7	51.0	0.56	957	0.77	0.68	5.8	3.4	530	177.0	126.5
L829163		0.11	1.3	0.125	2.24	25.3	53.0	0.64	952	1.07	0.66	8.4	2.7	570	155.5	94.5
L829164		0.13	1.3	0.130	1.84	28.8	180.5	0.63	759	0.73	0.05	8.1	2.5	570	129.0	83.6
L829165		0.11	0.9	0.383	2.79	22.1	10.1	1.02	2920	1.15	0.04	5.6	2.7	450	380	175.0
L829166		0.11	1.4	0.039	2.31	20.6	182.5	0.45	481	0.97	0.27	8.9	3.0	560	20.6	88.1
L829167		0.10	1.2	0.079	2.53	22.1	233	0.47	733	2.07	0.08	8.3	2.7	630	28.1	109.5
K272390		0.07	<0.1	0.006	0.04	0.7	1.9	12.50	191	0.16	<0.01	0.3	0.2	270	2.7	1.9
L829168		0.12	1.1	0.119	1.75	23.9	229	0.70	864	1.76	0.04	7.4	2.1	610	28.2	66.6
L829169		0.11	0.9	1.530	2.49	23.0	23.5	0.63	2470	6.88	0.03	5.7	2.7	450	421	143.5
L829171		0.09	1.0	0.038	2.28	23.5	188.5	0.80	808	3.47	0.04	7.3	4.2	600	10.1	109.5



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026786**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
L829055		0.002	5.52	91.8	8.5	2	9.3	103.0	0.52	0.07	10.5	0.174	2.41	5.1	48	4.9
L829056		<0.002	0.05	29.7	5.3	<1	1.9	241	0.82	<0.05	10.6	0.279	1.26	4.7	45	3.3
L829063		0.002	2.20	14.30	9.3	1	4.0	37.6	0.63	<0.05	10.4	0.193	3.18	4.7	69	3.1
L829064		0.002	>10.0	260	8.2	1	7.8	71.2	0.52	0.18	10.4	0.180	2.50	4.0	51	4.5
L829065		<0.002	5.84	25.1	10.1	<1	9.3	27.9	0.60	0.08	13.0	0.216	2.66	3.6	61	4.8
L829078		0.002	0.10	1.76	10.9	<1	1.9	336	0.68	<0.05	14.5	0.240	1.35	4.2	65	1.3
L829079		<0.002	5.75	8.71	9.5	1	6.5	42.0	0.56	0.06	12.2	0.198	2.10	4.3	56	3.7
G0561933		0.035	>10.0	257	2.9	210	108.5	42.6	0.10	0.88	1.2	0.042	34.1	4.1	57	1.8
L829081		<0.002	0.51	1.90	10.7	<1	1.9	316	0.77	<0.05	14.1	0.234	1.39	4.5	65	0.8
L829082		<0.002	>10.0	52.9	7.9	1	4.5	89.9	0.52	0.26	10.3	0.169	2.02	4.0	48	3.1
L829083		0.002	0.30	3.64	11.1	<1	1.9	323	0.77	<0.05	13.6	0.248	1.48	4.4	67	1.3
L829102		<0.002	0.04	11.30	6.0	<1	1.2	463	0.79	<0.05	7.2	0.341	1.18	4.0	63	1.7
L829103		<0.002	1.90	9.68	11.3	1	2.4	149.5	0.67	0.07	13.5	0.237	1.89	3.3	67	3.6
L829104		<0.002	0.09	3.89	11.3	<1	1.6	212	0.75	<0.05	13.1	0.252	1.80	3.0	67	3.4
L829109		0.002	0.51	8.40	11.1	<1	2.5	76.3	0.65	0.05	14.6	0.229	3.11	6.1	64	5.8
L829110		<0.002	3.73	29.9	9.7	1	3.6	74.9	0.64	0.22	13.1	0.199	2.82	5.6	58	5.1
L829112		<0.002	0.03	1.69	10.7	<1	1.5	337	0.80	<0.05	13.8	0.242	1.06	4.4	66	1.8
L829153		0.004	1.08	19.40	9.0	1	4.1	42.9	0.43	<0.05	11.4	0.196	2.84	5.0	59	3.8
L829154		0.003	3.43	439	5.3	<1	7.0	41.3	0.28	0.08	6.2	0.109	1.73	3.3	34	4.9
L829155		0.004	2.81	69.4	8.2	1	8.1	63.9	0.42	<0.05	10.1	0.172	2.32	4.6	50	5.0
G0561934		0.020	1.53	142.5	6.9	3	318	652	0.37	0.10	4.8	0.213	3.41	1.2	73	17.6
L829156		0.004	1.37	28.9	9.5	<1	4.1	103.5	0.53	<0.05	13.1	0.209	2.58	7.3	58	5.2
L829158		0.003	1.01	22.9	9.9	1	3.4	38.1	0.40	<0.05	12.1	0.169	2.65	3.8	65	3.6
L829159		0.003	1.28	17.15	9.6	1	4.3	24.5	0.51	0.07	13.8	0.192	3.11	4.9	60	5.8
L829160		0.004	2.19	20.7	9.6	1	5.6	21.7	0.49	0.10	12.4	0.191	2.87	4.6	62	4.3
L829161		0.006	0.89	8.36	9.4	1	3.0	59.0	0.45	0.09	14.5	0.179	2.71	8.8	59	3.8
L829162		0.003	0.69	7.14	9.1	<1	2.6	101.0	0.49	0.07	13.3	0.189	2.19	6.7	60	2.2
L829163		0.002	0.16	7.62	10.6	1	2.4	170.5	0.68	<0.05	11.7	0.244	1.86	4.4	72	3.9
L829164		0.004	0.17	15.55	10.5	1	2.4	197.0	0.65	<0.05	12.9	0.233	1.84	3.9	66	6.0
L829165		0.004	1.96	11.45	8.6	2	3.0	78.2	0.44	0.06	12.0	0.170	2.76	5.3	53	2.4
L829166		0.003	0.07	11.15	9.9	2	2.1	182.0	0.69	<0.05	10.8	0.250	1.41	3.5	70	5.7
L829167		0.004	0.39	17.95	10.9	1	2.1	182.5	0.67	<0.05	11.5	0.259	1.59	2.7	71	5.2
K272390		0.003	0.01	0.17	0.2	<1	<0.2	48.1	<0.05	<0.05	0.2	<0.005	0.03	0.6	3	0.1
L829168		0.003	0.11	17.35	9.8	1	2.2	223	0.58	<0.05	10.7	0.250	1.50	2.6	70	3.5
L829169		<0.002	2.01	42.7	8.8	<1	5.3	76.3	0.45	<0.05	9.6	0.190	2.50	6.2	58	4.6
L829171		0.002	0.44	14.85	10.6	<1	1.6	173.5	0.56	0.07	11.1	0.238	1.98	3.5	70	3.2



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 Plus Appendix Pages  
 Finalized Date: 7-MAR-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026786**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
L829055		10.0	>10000	20.6				1.435
L829056		9.4	157	105.5				
L829063		7.7	6790	49.3				
L829064		8.4	5260	23.2	126			
L829065		8.9	1360	24.0				
L829078		16.2	209	25.7				
L829079		10.7	8580	22.1				
G0561933		7.8	>10000	18.6	162	1.305	1.555	9.50
L829081		16.1	248	27.3				
L829082		11.5	5640	20.6				
L829083		16.7	88	29.9				
L829102		10.3	1410	171.0				
L829103		13.4	5840	30.2				
L829104		15.0	295	33.0				
L829109		13.2	700	30.4				
L829110		14.2	7840	33.9				
L829112		16.5	89	38.8				
L829153		11.8	4240	21.6				
L829154		7.2	4480	13.7				
L829155		9.4	1610	22.1				
G0561934		10.0	7120	14.2				
L829156		11.9	1620	25.1				
L829158		9.1	1380	22.9				
L829159		10.1	2610	26.7				
L829160		9.3	3890	24.0				
L829161		11.5	446	25.9				
L829162		11.2	479	27.7				
L829163		14.6	379	34.8				
L829164		14.5	459	33.9				
L829165		12.4	1040	24.8				
L829166		14.4	51	36.3				
L829167		13.9	116	30.9				
K272390		1.0	29	0.5				
L829168		13.5	185	26.8				
L829169		9.7	4210	22.2				
L829171		11.6	64	25.6				



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**CERTIFICATE OF ANALYSIS WH12026786**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Finalized Date: 11-MAR-2012

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**CERTIFICATE WH12026787**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026787**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
L829183		0.24	7.47	11.6	1400	1.40	0.44	3.12	0.59	36.6	18.5	10	7.47	5.2	2.29	16.95
L829184		7.23	6.31	700	270	1.14	5.53	1.52	162.5	38.1	51.5	8	5.11	233	5.72	15.10
L829186		0.28	7.22	9.3	1330	1.45	0.54	3.25	0.23	60.4	17.2	8	7.64	3.5	1.90	17.55
L829220		0.56	7.68	55.0	1370	2.11	0.34	2.50	1.43	72.2	8.0	24	27.1	19.1	2.81	20.5
L829221		9.16	7.01	442	330	1.40	8.34	2.04	201	47.1	7.5	6	17.85	659	5.16	15.70
K270063		0.09	0.15	15	30	0.08	0.08	21.0	0.52	1.98	1.6	1	0.36	3.9	0.45	0.43
L829222		0.35	7.25	27.2	1780	1.33	0.45	2.70	0.73	40.5	5.0	7	17.00	10.2	2.79	16.25
L829238		0.53	7.26	35.1	2340	1.40	0.30	2.47	0.20	47.6	5.8	10	13.90	59.2	3.04	16.60
L829240		11.20	6.62	1440	740	1.26	4.81	1.26	27.2	44.3	6.5	11	13.65	81.7	5.43	14.65
L829241		0.21	7.35	27.7	1450	1.55	0.10	3.73	0.16	45.5	6.3	10	19.10	6.0	2.53	18.35
L829246		34.1	6.55	383	1610	1.01	58.8	2.04	34.9	37.7	6.7	12	8.71	568	6.23	12.10
L829247		11.35	7.13	189.5	640	1.42	17.20	1.50	14.20	44.9	6.6	8	11.25	222	4.95	15.70
L829249		1.39	7.39	53.7	1470	1.30	1.27	1.80	3.41	51.5	7.3	9	11.40	40.6	3.32	16.50
K976213		0.23	6.14	14.9	430	2.73	0.30	0.97	0.30	13.75	0.4	3	23.3	1.8	0.56	18.20
G0561935		>100	1.41	1160	90	0.30	57.7	1.84	524	11.00	32.2	33	0.67	>10000	17.50	19.60
K976214		6.34	4.76	3110	530	2.22	2.96	2.11	194.0	24.6	4.2	5	21.8	150.5	3.24	12.55
K976216		1.66	7.39	41.9	1170	1.84	1.52	1.79	23.6	41.7	6.9	8	28.0	25.8	2.81	17.25
K976226		0.45	8.42	34.2	2390	1.50	0.23	1.16	3.11	50.9	5.5	12	13.65	5.6	3.20	19.30
K976227		88.2	5.14	1480	2200	1.06	126.0	2.82	579	29.3	4.2	15	7.60	816	6.18	13.40
K976228		0.86	7.49	32.4	2240	1.44	0.34	1.94	11.90	43.0	6.1	13	17.00	10.6	3.26	18.00
K976229		0.96	7.63	31.7	1550	1.53	0.26	2.48	8.28	43.5	4.7	12	20.4	6.3	2.88	17.05
K976230		14.65	5.89	975	1070	1.11	9.35	0.87	526	30.2	8.1	11	11.55	300	5.27	15.65
K976232		2.55	6.39	31.2	540	1.18	0.19	1.97	41.4	37.7	6.7	11	13.75	18.1	2.81	13.55
K976253		0.84	7.35	19.7	1580	1.26	0.60	1.89	11.50	42.1	5.0	17	14.45	14.7	4.63	14.75
G0561936		>100	7.66	46.9	1490	1.23	1.56	2.38	49.3	26.9	11.8	21	2.21	4490	3.85	20.5
K976254		14.75	6.36	494	2810	1.30	7.19	1.98	177.5	39.2	5.1	18	14.10	309	5.75	14.40
K976255		0.31	7.63	79.8	1380	1.86	0.16	2.32	1.43	65.2	7.2	28	18.60	12.5	3.03	19.45
K976256		7.92	6.27	5810	300	1.17	8.76	0.24	35.3	39.1	6.7	10	8.54	54.3	6.57	18.20
K976258		0.22	6.98	23.7	2130	1.56	0.18	2.66	0.96	43.1	7.1	13	12.75	3.6	2.71	17.75
K976259		79.7	5.72	1030	1430	1.12	136.0	1.42	399	34.2	9.0	13	8.48	1230	7.24	14.65
K976261		0.24	6.63	8.6	2160	1.32	0.19	2.49	1.08	45.2	6.5	13	8.41	3.5	2.72	15.50
K976316		0.75	5.76	40.9	1670	1.44	0.78	1.70	8.71	36.7	7.5	8	14.10	14.5	2.97	15.40
K976317		3.80	6.66	818	310	1.40	4.46	0.72	11.30	53.1	8.1	24	11.25	28.5	6.56	17.00
K976318		1.98	8.01	409	460	1.42	2.57	1.12	9.31	65.6	9.4	69	10.75	9.6	9.93	21.2
K976319		6.53	6.58	3130	940	1.31	5.74	1.96	15.55	42.5	6.1	13	10.35	57.8	6.59	15.20
K976321		0.50	7.58	51.6	1510	1.50	0.45	1.60	2.25	57.3	3.5	7	14.80	15.6	3.72	15.45



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026787**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
L829183		0.15	1.0	0.053	2.31	18.6	85.4	0.87	777	0.78	0.21	7.6	2.5	600	39.5	113.0
L829184		0.21	0.8	4.36	2.90	18.6	20.5	0.66	2120	1.65	0.03	6.4	2.7	520	413	202
L829186		0.15	1.0	0.075	2.48	32.6	63.0	0.65	708	0.76	0.63	7.4	2.6	600	10.7	129.5
L829220		0.18	4.8	0.072	2.34	37.2	151.0	0.95	687	6.24	0.27	12.6	6.9	1330	51.4	83.4
L829221		0.22	0.9	5.17	2.67	27.0	35.0	0.71	1430	1.46	0.69	7.4	2.0	530	359	138.5
K270063		0.06	<0.1	0.017	0.06	1.0	2.0	13.00	199	0.17	0.01	0.6	1.3	280	5.2	2.9
L829222		0.13	1.1	0.055	2.49	21.3	56.6	0.69	745	1.42	1.03	8.1	1.8	600	23.3	98.1
L829238		0.15	1.1	0.054	2.92	25.4	28.5	0.71	655	4.56	1.62	8.1	1.9	580	21.3	113.0
L829240		0.19	0.9	0.348	2.87	24.4	50.4	0.51	1220	12.50	0.37	6.6	2.0	510	2100	169.5
L829241		0.15	3.3	0.032	2.54	24.0	47.2	1.04	571	0.90	0.05	10.1	3.5	750	20.2	77.4
L829246		0.17	0.8	1.740	2.75	21.3	39.6	0.79	1760	1.80	0.06	5.5	1.4	460	397	135.0
L829247		0.19	0.9	0.392	3.18	24.9	44.2	0.65	1410	7.44	0.06	7.1	2.0	530	669	157.0
L829249		0.17	0.9	0.123	3.16	29.5	50.0	0.65	1260	7.74	0.13	7.3	1.7	560	140.5	140.0
K976213		0.09	2.7	0.025	2.08	6.5	67.7	0.19	555	1.14	0.03	19.4	1.4	30	38.9	144.0
G0561935		1.26	0.6	6.36	0.41	6.5	7.7	0.85	399	37.8	0.02	1.9	58.0	390	>10000	16.1
K976214		0.15	1.4	4.36	1.81	14.1	39.9	0.30	923	34.3	0.03	10.1	2.7	170	602	129.0
K976216		0.16	1.3	0.132	2.55	22.1	63.7	0.70	1130	1.45	0.04	8.3	2.5	560	655	126.5
K976226		0.19	1.2	0.080	3.46	28.4	35.3	0.74	678	1.54	0.09	9.0	2.3	650	121.5	161.5
K976227		0.21	0.7	24.9	2.39	16.4	11.2	0.74	3790	6.97	0.01	5.1	1.7	360	3860	134.0
K976228		0.17	1.0	0.233	3.91	23.1	28.2	0.73	1310	1.60	0.23	8.6	2.1	630	274	166.0
K976229		0.18	1.1	0.083	4.05	24.2	18.6	0.86	1520	1.73	0.06	7.8	1.9	590	431	184.0
K976230		0.18	0.9	6.46	2.57	16.3	9.1	0.59	2540	2.11	0.02	5.8	1.5	440	4560	154.0
K976232		0.14	0.9	0.233	2.77	21.9	29.3	0.80	1580	2.27	0.03	6.2	1.5	470	1660	157.0
K976253		0.18	1.1	0.242	3.64	23.6	22.5	0.77	1840	1.51	0.28	6.6	1.9	540	529	172.5
G0561936		0.17	0.5	11.70	2.21	14.2	10.6	0.69	596	38.0	2.51	6.7	9.6	810	9170	62.0
K976254		0.21	1.0	6.65	2.84	21.5	15.0	0.72	3740	2.66	0.03	6.3	2.0	440	2470	163.5
K976255		0.21	3.9	0.054	2.46	34.6	102.0	1.02	791	0.60	0.09	11.3	7.2	1420	52.4	84.5
K976256		0.23	0.9	0.572	2.96	21.6	7.8	0.29	846	4.63	0.03	6.2	1.8	480	932	189.5
K976258		0.19	1.1	0.062	3.19	23.4	18.4	0.77	771	2.85	1.31	8.3	2.1	560	35.1	147.0
K976259		0.27	0.8	10.95	2.62	19.1	19.3	0.54	1140	4.08	0.20	5.9	1.8	430	1160	153.0
K976261		0.12	1.0	0.050	2.97	23.4	13.7	0.70	669	3.38	1.51	7.5	2.3	540	131.5	119.0
K976316		0.15	1.1	0.222	2.26	16.4	216	0.55	1240	2.11	0.04	8.0	2.4	570	166.5	73.9
K976317		0.20	1.4	0.519	3.12	27.0	12.1	0.49	1620	3.50	0.03	6.5	4.4	720	242	214
K976318		0.26	2.1	0.665	3.76	30.8	6.3	0.89	5310	0.56	0.02	6.4	15.3	1290	141.0	207
K976319		0.18	1.0	0.297	3.01	22.5	38.5	0.81	2230	1.84	0.04	6.3	4.0	570	344	194.0
K976321		0.17	1.1	0.134	3.48	30.1	92.8	0.61	1540	0.95	0.11	8.0	1.8	550	53.4	171.0



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026787**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
L829183		<0.002	0.62	8.64	10.4	1	2.8	195.0	0.55	0.14	10.2	0.249	1.93	3.7	72	2.3
L829184		0.002	5.38	37.2	10.4	3	7.5	40.0	0.48	0.38	10.0	0.201	2.25	5.9	65	4.4
L829186		0.002	0.65	5.83	10.7	1	2.4	189.0	0.57	0.17	10.5	0.224	2.04	3.7	68	1.6
L829220		<0.002	0.16	16.50	6.5	1	1.7	497	0.76	0.07	9.0	0.365	1.27	3.8	69	2.2
L829221		<0.002	3.29	51.2	10.1	3	4.8	206	0.54	0.06	11.5	0.224	1.67	3.8	62	2.4
K270063		<0.002	0.02	1.07	0.4	1	<0.2	49.2	<0.05	<0.05	0.2	0.006	0.03	0.5	3	0.1
L829222		<0.002	0.17	7.29	9.6	1	1.9	275	0.63	<0.05	10.5	0.247	1.53	3.7	70	1.6
L829238		<0.002	0.15	9.43	10.0	1	1.8	308	0.61	<0.05	10.6	0.251	1.33	3.4	69	1.6
L829240		0.002	3.71	27.8	9.4	1	4.9	125.5	0.48	0.14	11.3	0.208	2.02	5.3	62	2.9
L829241		<0.002	0.08	15.15	7.1	1	1.4	583	0.70	<0.05	8.3	0.286	1.24	5.0	70	2.6
L829246		<0.002	4.48	35.4	7.8	2	3.9	124.0	0.44	0.89	11.3	0.191	1.59	4.0	58	2.5
L829247		0.002	2.58	21.2	9.6	1	5.3	100.5	0.50	0.17	11.8	0.220	2.14	2.8	64	3.6
L829249		0.002	0.62	10.30	9.8	1	3.9	125.5	0.53	0.18	12.1	0.233	1.90	2.9	67	3.6
K976213		<0.002	0.05	21.4	2.9	1	2.7	47.1	2.16	<0.05	18.9	0.031	1.29	6.4	4	1.1
G0561935		0.029	>10.0	269	3.2	240	105.5	40.5	0.08	0.74	1.0	0.041	32.0	3.6	60	1.6
K976214		0.004	3.06	65.7	4.6	3	3.3	77.1	0.83	<0.05	10.4	0.089	1.91	26.6	27	2.9
K976216		<0.002	0.37	16.40	9.9	1	1.8	119.0	0.63	<0.05	12.2	0.239	1.75	6.4	68	4.3
K976226		<0.002	0.31	11.40	11.6	1	1.9	90.2	0.67	<0.05	13.8	0.274	1.97	4.5	75	6.3
K976227		0.002	4.94	121.0	7.3	5	4.7	55.7	0.39	0.07	8.0	0.151	1.94	5.2	48	5.3
K976228		<0.002	0.28	8.51	10.8	1	2.1	120.5	0.63	<0.05	10.8	0.265	2.49	4.5	75	3.7
K976229		<0.002	0.33	8.18	10.2	1	1.8	103.5	0.58	0.08	10.9	0.252	2.98	4.6	73	3.5
K976230		0.002	3.77	28.9	7.6	4	3.1	34.4	0.45	<0.05	9.7	0.183	2.17	2.7	57	5.9
K976232		0.002	0.57	10.20	8.1	1	1.5	62.9	0.48	<0.05	10.8	0.199	2.21	3.4	59	3.4
K976253		<0.002	0.42	4.95	8.6	1	2.2	111.5	0.53	<0.05	11.0	0.217	2.26	4.1	64	3.0
G0561936		0.019	1.57	145.0	6.8	4	315	685	0.36	0.10	4.7	0.222	3.13	1.0	76	16.8
K976254		0.002	4.88	21.8	8.0	2	6.8	86.7	0.50	<0.05	11.4	0.188	2.57	4.6	54	6.4
K976255		<0.002	0.08	21.6	6.6	1	1.4	340	0.66	<0.05	8.3	0.360	1.37	3.5	66	1.9
K976256		<0.002	5.98	23.6	8.9	1	11.2	16.1	0.47	0.14	10.2	0.196	2.52	3.3	60	5.8
K976258		<0.002	0.24	3.57	10.2	1	1.9	255	0.60	<0.05	10.6	0.225	1.75	3.8	67	1.8
K976259		<0.002	7.05	63.9	8.4	5	4.2	84.8	0.41	1.23	9.7	0.172	2.00	3.8	59	3.8
K976261		<0.002	0.14	3.05	10.8	1	1.8	244	0.58	<0.05	11.6	0.231	1.42	3.9	67	1.7
K976316		<0.002	0.46	21.5	9.6	1	2.8	129.5	0.67	<0.05	10.9	0.237	1.93	3.3	63	5.1
K976317		<0.002	5.48	13.70	14.2	1	10.8	27.6	0.53	0.08	11.1	0.265	3.08	3.7	77	6.3
K976318		<0.002	6.19	12.25	26.9	1	14.8	34.7	0.38	0.05	6.9	0.436	3.83	4.2	170	8.4
K976319		<0.002	5.22	25.0	10.9	1	10.3	83.6	0.50	0.09	11.7	0.223	2.71	3.9	63	6.2
K976321		<0.002	0.58	12.05	10.8	1	3.6	132.5	0.65	<0.05	14.9	0.248	2.45	5.2	61	4.7





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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026787**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
L829183		13.5	102	25.7				
L829184		11.7	>10000	21.1				1.050
L829186		13.0	54	25.2				
L829220		11.4	186	180.5				
L829221		13.7	>10000	22.7				1.330
K270063		1.1	49	1.5				
L829222		12.8	94	25.6				
L829238		13.7	59	26.2				
L829240		11.4	2160	22.3				
L829241		12.6	69	118.5				
L829246		10.9	3390	18.4				
L829247		11.2	1260	24.6				
L829249		12.0	353	23.5				
K976213		9.2	58	45.3				
G0561935		7.1	>10000	17.3	169	1.280	1.515	9.58
K976214		21.7	>10000	32.8				1.330
K976216		14.3	1750	30.7				
K976226		14.3	293	31.3				
K976227		7.7	>10000	18.2				3.69
K976228		12.9	916	26.1				
K976229		12.3	684	26.5				
K976230		6.5	>10000	20.5				3.35
K976232		9.1	3140	21.7				
K976253		11.0	1140	26.9				
G0561936		9.5	6960	13.2	110			
K976254		9.4	>10000	24.0				1.245
K976255		10.7	187	157.0				
K976256		7.2	2560	22.1				
K976258		14.0	109	29.6				
K976259		10.2	>10000	19.1				2.59
K976261		14.4	112	26.3				
K976316		12.7	631	30.3				
K976317		12.7	820	39.7				
K976318		12.7	759	78.9				
K976319		10.8	1060	29.1				
K976321		14.3	195	29.1				



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**CERTIFICATE OF ANALYSIS WH12026787**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026788**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026788**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K976322		3.52	7.01	226	940	1.39	3.72	2.04	1.59	48.3	3.5	7	12.20	94.5	3.98	15.25
K976323		15.65	6.65	496	1070	1.25	14.20	1.98	9.91	45.5	4.6	7	13.45	477	5.94	15.05
K976324		0.27	7.10	21.8	1910	1.53	0.25	2.61	0.91	48.9	3.2	8	14.00	6.4	3.57	16.30
K976336		0.42	7.32	25.8	1240	1.53	0.20	2.85	1.67	54.1	4.8	7	22.8	23.7	2.77	15.50
K976337		81.3	6.13	1235	570	1.19	264	0.77	20.1	44.2	7.2	6	10.60	1555	10.15	13.65
K976339		0.69	7.54	158.0	1060	1.62	0.71	2.19	1.65	58.5	4.6	7	20.1	64.5	4.54	16.25
K976340		6.49	6.60	176.0	1030	1.12	9.18	0.61	11.25	49.0	3.9	10	8.35	65.7	6.15	16.05
K976341		3.36	6.83	801	900	1.45	2.94	0.90	8.32	49.8	4.6	8	10.35	95.4	6.34	16.15
K976342		4.19	6.75	148.0	1480	1.63	8.30	2.71	1.97	49.8	5.7	8	13.20	188.5	3.40	15.45
G0561937		98.1	7.38	54.9	1540	1.27	1.46	2.36	56.6	33.6	13.1	19	2.45	4470	3.85	21.6
K976357		1.77	7.23	144.0	1070	1.64	1.84	1.67	12.40	55.0	10.3	8	20.3	64.1	4.61	15.80
K976358		26.0	4.76	773	470	0.94	34.5	2.04	23.5	29.6	4.9	9	8.68	654	5.14	11.70
K976359		0.67	6.90	119.5	2090	1.77	0.38	3.18	0.78	56.6	6.0	12	17.65	17.6	2.35	18.30
K976366		0.53	7.04	46.6	1570	1.62	0.80	3.05	1.77	50.5	8.1	7	20.8	24.3	2.86	15.90
K976367		10.95	6.52	364	700	1.28	28.0	1.45	28.9	55.3	8.8	9	13.15	111.0	7.43	13.85
K976369		4.08	7.33	190.0	890	1.57	10.40	1.31	3.96	56.4	5.9	8	16.35	104.5	4.91	15.40
K976377		0.96	7.52	122.0	1110	1.49	0.66	2.23	1.42	54.6	7.3	7	18.70	21.0	3.29	16.50
K976378		6.72	6.09	2360	1440	1.21	7.89	1.89	3.79	42.4	17.8	7	16.55	88.3	7.24	13.20
K976380		0.15	7.47	24.4	1130	1.76	0.17	3.39	0.14	54.1	6.8	8	23.0	8.3	2.52	17.40
K972817		29.8	7.77	255	2200	1.47	43.5	2.42	38.5	56.5	7.2	5	23.9	127.5	4.87	16.05
K972818		20.7	5.59	889	350	1.41	16.40	2.62	172.5	37.9	5.0	8	10.30	483	6.45	12.70
K972820		0.28	5.90	16.6	70	2.79	0.35	0.25	6.95	16.70	0.3	2	22.7	6.7	0.56	17.05
G0561938		>100	1.39	1045	260	0.24	53.0	1.80	516	12.90	26.3	28	0.70	>10000	17.60	16.50
K972821		0.27	6.16	19.4	70	2.82	0.48	0.28	5.91	16.40	0.4	5	21.2	7.1	0.87	19.10
K972822		0.79	5.12	53.8	280	2.19	0.42	0.13	12.10	16.35	0.6	3	18.30	11.9	0.75	13.05
K972823		12.95	4.14	>10000	320	0.96	8.77	0.14	483	25.8	7.7	37	10.40	254	13.10	12.15
K972825		4.19	7.10	2620	1010	1.36	2.74	1.79	121.0	47.6	5.3	7	14.05	73.5	5.18	14.60
K972826		0.34	7.75	52.9	1970	1.58	0.29	1.70	2.10	44.3	4.3	11	12.90	6.8	4.29	15.50
K972847		0.30	7.03	16.0	2030	1.39	0.11	2.65	2.06	42.0	6.8	10	14.70	8.5	2.93	14.75
K972848		28.4	6.76	1395	2310	1.36	17.40	2.10	62.5	51.8	7.5	9	16.80	191.0	5.55	14.15
K272404		0.02	0.09	<5	20	0.08	0.03	20.9	0.11	1.72	1.3	<1	0.21	1.4	0.42	0.32
K972849		0.95	7.11	43.8	1500	1.87	0.26	2.13	8.03	48.6	6.4	11	22.7	19.9	3.14	18.10
K972850		7.52	6.59	446	1320	1.55	7.43	1.67	97.0	47.6	4.9	8	15.15	119.0	5.79	16.00
K976001		14.75	6.70	693	1180	1.58	25.5	1.91	43.0	47.1	6.5	9	14.10	127.0	5.55	15.90
K976002		63.9	2.78	>10000	720	0.78	83.3	2.08	123.5	15.45	4.8	6	7.41	1180	13.20	7.97
K976004		3.37	7.22	249	1050	1.59	4.02	2.34	23.3	54.8	5.7	8	16.00	42.7	5.03	17.55



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026788**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K976322		0.15	0.9	0.180	3.25	24.1	57.9	0.68	1460	0.79	0.07	7.1	2.3	520	97.9	169.5
K976323		0.20	0.9	0.444	2.92	23.4	48.1	0.72	2370	1.63	0.05	6.9	2.0	480	346	152.5
K976324		0.17	1.0	0.066	3.23	23.4	92.2	0.84	842	1.77	0.07	8.6	2.0	580	30.7	134.5
K976336		0.16	1.2	0.058	3.07	26.4	68.7	0.88	1100	2.43	0.04	8.1	2.3	570	78.9	140.0
K976337		0.25	0.9	1.260	2.69	22.7	20.5	0.49	6020	1.42	0.02	6.0	1.9	430	817	158.5
K976339		0.16	1.1	0.204	2.80	30.5	221	0.92	2450	2.82	0.03	7.9	2.6	570	31.7	164.5
K976340		0.20	0.8	0.637	2.98	25.0	8.5	0.49	5600	2.47	0.07	6.4	2.3	480	264	179.0
K976341		0.22	1.0	0.480	3.15	25.1	10.8	0.59	3220	0.96	0.02	7.2	2.6	500	134.5	208
K976342		0.17	1.1	0.215	3.21	23.8	56.4	0.71	1200	0.62	0.42	8.0	2.2	530	80.5	145.0
G0561937		0.18	0.6	12.75	2.19	16.9	11.6	0.68	579	43.3	2.50	7.3	11.8	780	9240	69.3
K976357		0.19	1.1	0.453	2.87	29.4	129.0	0.75	1620	1.32	0.18	7.5	2.4	530	155.5	161.0
K976358		0.17	0.7	1.010	2.05	14.3	30.6	0.82	2580	9.12	0.02	4.5	2.1	320	210	125.5
K976359		0.15	3.1	0.034	2.50	27.7	178.5	0.78	714	3.17	0.04	10.7	5.4	940	45.8	75.8
K976366		0.16	1.2	0.087	3.23	24.6	71.5	0.80	932	5.86	0.40	8.5	2.8	590	33.6	131.5
K976367		0.22	0.9	0.771	3.01	28.6	13.2	0.63	1550	1.32	0.04	6.9	2.1	480	195.5	168.5
K976369		0.19	1.0	0.434	3.48	30.7	32.6	0.70	1940	1.26	0.09	7.5	2.1	540	88.4	187.0
K976377		0.17	1.1	0.136	3.16	28.0	17.9	0.80	2470	1.05	0.03	8.5	2.6	570	62.6	169.5
K976378		0.21	1.2	0.160	2.32	20.9	36.7	0.69	1700	1.56	0.02	6.7	2.8	400	219	120.0
K976380		0.15	3.6	0.029	3.03	26.8	65.3	1.00	642	2.04	0.06	10.5	4.4	770	14.9	101.0
K972817		0.20	1.4	3.22	3.50	29.7	24.2	0.79	2180	1.87	0.22	7.7	2.2	770	1265	186.0
K972818		0.19	1.1	7.76	2.43	19.5	13.9	1.04	3780	4.31	0.02	6.7	2.5	460	1200	154.0
K972820		0.07	2.8	0.070	1.91	7.6	65.7	0.12	437	2.18	0.03	18.8	0.3	30	47.0	147.0
G0561938		1.04	0.6	6.48	0.41	7.1	7.6	0.85	391	39.5	0.02	1.8	53.5	380	>10000	16.1
K972821		0.07	2.9	0.077	1.92	7.7	73.8	0.13	562	1.42	0.03	19.5	0.9	40	40.3	154.5
K972822		0.06	2.1	0.097	1.46	7.9	76.0	0.09	429	3.94	0.03	14.1	0.5	50	103.0	112.5
K972823		0.29	1.1	5.68	1.77	12.5	14.2	0.20	271	9.52	0.01	3.5	4.0	330	1135	138.5
K972825		0.16	0.9	1.735	3.12	26.9	26.5	0.80	2260	2.60	0.04	7.1	3.1	520	958	198.5
K972826		0.17	1.0	0.080	2.54	23.8	21.4	0.78	688	4.27	0.35	7.9	5.1	590	87.5	107.0
K972847		0.14	1.2	0.046	2.68	19.3	13.1	0.75	820	1.32	2.00	7.8	2.2	560	74.4	91.8
K972848		0.19	1.0	1.505	3.02	27.3	18.5	0.91	1960	1.57	0.09	6.3	2.4	500	8700	164.0
K272404		0.08	<0.1	0.005	0.04	0.8	1.4	12.50	190	0.34	0.01	0.5	1.3	310	6.2	1.7
K972849		0.18	1.9	0.101	2.87	24.1	69.8	0.72	976	1.27	0.08	8.9	3.4	730	357	118.0
K972850		0.22	0.9	2.08	2.78	26.3	16.2	0.93	3080	1.39	0.02	6.7	2.0	470	2110	170.5
K976001		0.23	0.9	0.987	2.99	26.8	11.6	0.82	2820	1.93	0.02	6.9	2.1	480	1310	190.0
K976002		0.33	0.5	4.42	1.18	8.0	16.4	0.73	1580	8.19	0.01	3.2	1.4	200	1910	81.1
K976004		0.19	1.0	0.935	3.04	30.8	26.2	0.89	1430	2.57	0.10	8.1	2.7	550	424	177.5



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026788**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K976322		<0.002	1.94	24.6	10.3	1	5.0	127.5	0.57	<0.05	12.4	0.221	2.60	3.6	59	3.9
K976323		<0.002	3.86	57.4	9.8	1	7.6	95.8	0.54	0.05	11.9	0.206	2.41	4.4	54	4.9
K976324		0.002	0.17	12.45	11.0	1	3.2	173.5	0.67	<0.05	13.1	0.248	2.64	3.8	63	3.1
K976336		<0.002	0.32	7.45	9.9	1	2.0	132.0	0.69	<0.05	13.8	0.245	2.54	4.9	66	2.4
K976337		<0.002	8.14	72.7	8.7	2	7.8	44.0	0.50	0.69	12.1	0.189	2.87	4.0	51	7.2
K976339		<0.002	0.64	28.7	11.0	1	2.8	205	0.65	<0.05	15.4	0.234	2.89	5.2	63	6.8
K976340		<0.002	2.11	23.2	10.0	1	5.7	36.2	0.54	0.05	12.8	0.192	2.89	3.7	55	4.1
K976341		<0.002	3.36	21.7	10.4	1	6.4	38.2	0.59	0.05	13.9	0.213	3.32	4.6	57	6.8
K976342		<0.002	1.06	15.50	10.6	1	2.6	163.5	0.67	<0.05	13.8	0.229	2.59	4.3	60	2.6
G0561937		0.022	1.57	150.5	7.7	4	333	660	0.42	0.11	5.7	0.222	3.73	1.2	70	19.2
K976357		<0.002	1.50	14.90	10.8	1	4.9	131.5	0.61	0.07	15.1	0.224	2.44	4.8	63	5.1
K976358		<0.002	4.60	265	6.6	1	5.8	65.6	0.39	0.18	9.0	0.129	1.89	4.4	39	4.9
K976359		<0.002	0.18	20.7	5.1	1	2.0	297	0.74	0.05	9.2	0.283	1.41	4.0	46	1.8
K976366		<0.002	0.44	8.27	10.5	1	2.4	213	0.70	0.05	12.9	0.244	2.42	4.1	64	1.7
K976367		<0.002	5.95	14.55	9.8	2	3.7	65.8	0.57	0.35	13.0	0.207	2.76	4.5	57	3.7
K976369		<0.002	1.94	10.95	10.9	1	4.6	89.9	0.61	0.06	14.7	0.230	2.95	4.7	61	5.4
K976377		<0.002	1.64	13.00	11.1	1	2.9	129.5	0.74	0.06	14.4	0.244	3.21	5.1	64	5.0
K976378		<0.002	6.37	26.4	8.3	2	1.7	112.5	0.57	0.75	10.9	0.191	2.15	4.5	49	3.8
K976380		<0.002	0.15	12.50	8.1	1	1.6	403	0.79	<0.05	10.2	0.299	2.02	5.4	68	3.7
K972817		<0.002	1.32	26.6	12.5	2	3.0	125.5	0.56	<0.05	13.3	0.297	2.92	4.6	86	6.4
K972818		<0.002	5.31	67.0	8.4	2	5.2	71.6	0.49	<0.05	10.1	0.191	2.67	4.3	54	8.2
K972820		<0.002	0.01	21.5	2.9	1	3.3	36.9	2.39	<0.05	20.1	0.030	1.45	4.7	3	1.2
G0561938		0.033	>10.0	271	2.8	219	108.5	40.8	0.10	0.77	1.1	0.042	33.1	3.8	56	1.8
K972821		<0.002	0.02	15.10	3.1	1	2.8	36.5	2.44	<0.05	19.3	0.032	1.52	5.0	3	1.3
K972822		<0.002	0.10	49.4	2.7	1	2.4	38.4	1.78	<0.05	16.8	0.038	1.22	4.7	7	2.2
K972823		<0.002	>10.0	81.3	10.0	3	10.2	16.7	0.22	0.35	4.5	0.174	2.05	5.3	70	7.9
K972825		<0.002	2.37	19.80	10.2	2	3.4	64.3	0.56	0.07	12.9	0.231	2.90	6.7	62	4.1
K972826		<0.002	0.12	11.45	11.2	1	2.8	85.6	0.64	<0.05	13.4	0.258	1.56	6.9	72	2.7
K972847		<0.002	0.08	2.17	9.6	1	1.7	321	0.66	<0.05	12.2	0.250	1.26	3.8	65	2.7
K972848		<0.002	2.32	31.8	8.8	1	3.7	105.0	0.52	0.20	12.4	0.203	2.69	4.3	59	5.3
K272404		<0.002	0.02	0.11	0.4	1	<0.2	70.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	3	0.1
K972849		0.002	0.27	10.70	9.8	1	1.9	193.5	0.66	<0.05	11.2	0.264	2.26	4.1	62	2.7
K972850		<0.002	2.01	19.80	9.4	1	3.9	52.5	0.50	0.06	11.8	0.196	2.92	3.8	53	8.4
K976001		<0.002	3.55	19.00	9.6	1	3.1	50.5	0.51	0.53	11.8	0.202	3.37	4.6	55	5.6
K976002		<0.002	>10.0	149.0	3.9	2	6.5	72.0	0.21	0.94	4.2	0.086	1.35	2.9	24	3.3
K976004		0.002	3.07	10.30	12.0	1	4.0	91.1	0.57	<0.05	12.4	0.235	2.80	4.5	65	6.3



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026788**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K976322		13.0	158	24.6				
K976323		12.1	755	22.5				
K976324		15.0	117	26.1				
K976336		16.8	146	30.0				
K976337		9.2	1840	22.6				
K976339		15.6	171	27.5				
K976340		8.5	924	22.1				
K976341		10.3	657	26.9				
K976342		14.6	163	28.0				
G0561937		11.8	7180	16.8				
K976357		13.7	1260	27.0				
K976358		7.7	1660	20.8				
K976359		9.2	170	117.0				
K976366		14.3	157	33.8				
K976367		12.1	2030	24.2				
K976369		12.7	363	26.7				
K976377		16.1	145	28.9				
K976378		13.4	292	34.8				
K976380		14.7	58	132.0				
K972817		17.3	2370	42.7				
K972818		9.2	>10000	29.6				1.035
K972820		10.1	460	47.9				
G0561938		7.4	>10000	18.0	160	1.275	1.555	9.37
K972821		13.1	451	52.9				
K972822		9.1	1010	37.8				
K972823		7.2	>10000	38.1				2.52
K972825		12.5	7670	24.6				
K972826		16.0	365	27.2				
K972847		15.0	166	31.4				
K972848		11.9	4640	27.6				
K272404		1.3	16	<0.5				
K972849		13.0	572	62.5				
K972850		9.9	6550	24.1				
K976001		11.4	3190	25.5				
K976002		5.8	9070	18.5				
K976004		13.2	1860	26.3				



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**CERTIFICATE OF ANALYSIS WH12026788**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12026789**

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P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026789**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K976021		0.13	7.25	7.5	2220	1.66	0.13	2.33	0.16	46.4	6.9	10	11.60	6.9	2.69	17.55
K976022		16.10	5.64	1940	1630	1.42	9.38	1.92	161.0	38.1	5.3	6	15.45	1080	7.49	13.45
K976023		0.28	7.25	9.1	2180	1.60	0.21	2.45	1.39	45.9	5.8	12	11.60	6.5	2.89	17.35
K272441		0.04	0.12	<5	30	0.11	0.04	20.9	0.36	1.71	1.2	<1	0.30	3.7	0.39	0.42
K976043		0.16	7.15	16.1	1690	1.62	0.19	1.92	0.28	42.3	5.6	8	16.85	7.0	2.64	17.10
K976044		7.50	6.84	689	910	1.53	8.51	1.26	187.0	66.0	4.1	7	11.70	158.0	4.59	16.70
K976045		0.13	7.38	7.8	2020	1.83	0.14	2.70	0.34	46.9	6.7	10	19.35	5.9	2.86	18.00
K976046		0.17	7.29	14.0	2040	1.71	0.18	2.78	0.75	45.4	6.4	10	17.45	7.3	2.92	17.70
K976048		0.57	7.23	326	1810	1.57	0.43	1.99	6.59	43.0	4.5	10	15.60	13.3	2.97	16.40
K976049		13.00	6.72	2010	850	1.55	7.63	0.69	64.7	44.5	5.4	10	11.35	129.5	6.39	16.45
K976050		4.19	7.34	199.5	1030	1.61	4.55	1.62	19.00	46.5	6.1	7	15.85	226	4.20	16.15
K976052		1.10	7.04	162.0	1800	1.64	1.18	2.63	8.14	42.2	5.3	8	17.30	29.8	3.45	17.50
K976053		5.37	6.90	9240	1110	1.50	4.08	1.37	59.3	58.1	3.0	7	10.90	125.5	4.58	16.60
G0561939		95.3	7.35	54.5	1540	1.42	1.88	2.33	51.1	30.8	13.2	20	2.43	4400	3.79	22.6
K976054		1.65	7.60	89.2	2500	1.51	0.76	2.22	23.1	70.8	2.0	8	10.10	24.0	3.47	17.30
K976055		6.70	6.96	1335	880	1.47	1.53	1.61	70.0	28.2	3.9	8	8.10	67.8	3.76	16.45
K976056		63.0	7.00	394	920	1.47	144.0	1.94	25.7	73.6	4.1	9	12.30	864	5.82	16.40
K976058		4.55	6.80	1190	940	1.55	5.48	1.00	17.25	45.8	3.8	10	14.40	101.0	5.63	17.40
K976059		1.63	7.03	340	1210	1.52	2.23	1.63	18.05	45.6	3.3	8	11.45	27.8	4.58	16.40
K976060		2.74	5.09	882	670	1.27	2.35	2.10	36.2	44.2	5.0	8	12.30	42.0	3.67	12.15
K976061		10.75	4.34	386	1050	1.19	17.65	3.68	17.45	28.2	3.4	6	11.05	143.5	3.85	10.10
K976062		1.14	7.13	162.5	1400	1.49	1.28	1.75	5.92	58.8	4.7	8	15.50	16.0	4.33	16.80
K976063		15.60	6.07	2840	1290	1.33	26.1	2.29	26.0	43.6	5.1	6	13.35	191.5	4.57	15.10
G0561940		>100	1.33	1025	270	0.29	56.4	1.71	486	12.35	27.4	29	0.71	>10000	16.70	18.05
K976064		0.67	7.45	125.0	710	1.35	0.61	1.80	2.03	57.9	4.5	11	16.85	11.0	3.89	16.55
K976065		4.43	6.48	603	1050	1.44	5.74	1.32	50.1	52.2	3.6	7	11.70	65.4	4.93	15.65
K976066		3.25	7.08	284	1220	1.47	4.83	2.27	24.8	51.0	4.1	8	16.20	51.7	3.19	15.95
K976068		0.46	7.19	120.0	1630	1.66	0.41	2.25	2.03	45.0	6.0	8	13.75	7.0	3.79	16.30
K976069		6.34	6.41	346	860	1.31	7.84	1.06	24.1	40.2	3.8	8	9.96	71.1	6.16	15.90
K976070		1.06	7.06	147.0	1850	1.54	0.67	2.51	4.80	43.8	5.9	7	15.10	16.1	3.23	16.25
K976071		35.7	7.71	221	1530	1.75	5.92	1.86	29.8	56.3	5.0	8	14.65	141.0	3.89	16.75
K976072		20.7	7.65	102.0	1330	1.54	29.6	2.75	9.51	42.4	4.4	7	14.80	22.8	3.27	15.40
K976091		0.67	6.90	390	1750	1.27	0.56	3.08	2.32	37.5	9.4	7	9.57	44.2	2.50	15.65
K976092		37.5	6.26	1210	2320	1.30	5.02	2.53	51.7	41.9	10.1	8	11.65	327	5.54	14.20
K976093		1.04	7.81	188.5	1480	1.55	0.74	2.17	1.45	36.4	10.4	9	11.15	22.0	2.91	16.50
K976106		0.26	8.26	27.1	1310	2.00	0.17	1.87	0.44	72.6	6.6	15	19.35	6.5	2.55	19.55



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Finalized Date: 8-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026789**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K976021		0.17	1.1	0.049	2.71	23.3	16.0	0.75	515	1.66	2.31	8.5	2.1	540	19.3	103.5
K976022		0.26	0.8	10.35	2.50	20.6	13.3	0.59	2470	1.64	0.07	5.8	1.8	390	829	153.0
K976023		0.17	1.1	0.081	2.73	22.9	13.4	0.69	520	1.94	2.13	8.8	2.3	560	28.8	103.0
K272441		0.10	<0.1	0.028	0.05	0.8	1.5	12.60	183	0.14	0.01	0.6	1.8	230	3.2	2.7
K976043		0.18	1.3	0.057	2.23	20.3	161.5	0.58	751	1.28	0.22	8.7	1.9	570	17.1	90.5
K976044		0.23	1.0	3.49	3.00	37.7	16.5	0.60	1600	0.86	0.22	7.0	1.7	480	844	208
K976045		0.18	1.5	0.045	2.64	22.7	36.7	0.67	513	1.25	2.08	9.7	2.4	610	18.9	100.5
K976046		0.21	1.2	0.061	2.69	21.5	16.6	0.65	578	1.29	1.89	9.1	2.4	580	23.1	108.5
K976048		0.18	1.1	0.132	2.98	21.0	136.5	0.68	765	1.80	0.07	8.2	2.0	560	138.0	133.5
K976049		0.22	1.0	1.705	2.97	23.3	12.8	0.52	2050	1.56	0.03	7.4	2.1	490	457	189.5
K976050		0.19	1.1	0.710	2.46	24.2	106.0	0.65	2380	1.48	0.03	8.1	2.0	530	255	135.5
K976052		0.19	1.0	0.226	3.07	20.5	40.2	0.71	1300	1.00	0.82	8.8	2.2	610	148.5	126.5
K976053		0.22	0.9	1.065	3.12	32.1	7.9	0.65	1940	0.60	0.03	6.7	1.7	480	882	193.5
G0561939		0.20	0.6	12.35	2.17	15.3	10.9	0.67	574	41.5	2.48	7.5	11.5	780	9050	65.8
K976054		0.21	1.0	0.313	3.33	41.5	20.0	0.98	1620	0.74	0.19	7.1	1.7	560	761	197.0
K976055		0.18	0.9	0.583	3.13	13.2	8.9	0.74	1540	0.88	0.10	6.5	2.0	500	2860	207
K976056		0.25	0.9	0.901	3.05	44.3	14.9	0.87	1740	0.65	0.05	7.0	1.8	540	1730	176.5
K976058		0.21	1.0	0.425	2.96	24.8	15.7	0.66	2010	1.66	0.04	7.3	2.5	500	328	187.5
K976059		0.20	1.0	0.518	3.19	24.5	18.7	0.86	1990	2.30	0.03	7.2	1.7	500	216	202
K976060		0.17	0.7	0.591	2.04	26.1	64.8	0.85	1500	29.6	0.02	5.0	2.1	350	649	135.0
K976061		0.17	0.6	0.410	1.75	14.9	40.0	1.35	2420	11.40	0.01	4.6	1.9	270	240	107.5
K976062		0.21	1.0	0.215	2.63	32.8	61.5	0.84	1820	3.19	0.02	7.9	2.5	530	79.3	155.5
K976063		0.20	0.9	0.825	2.56	23.6	14.8	0.79	2990	4.31	0.01	6.7	2.4	430	470	153.0
G0561940		1.14	0.6	6.60	0.40	6.9	7.0	0.81	372	38.4	0.01	1.9	52.6	370	>10000	15.9
K976064		0.14	1.1	0.148	2.95	33.4	46.3	0.83	2400	1.69	0.04	7.3	2.7	550	57.4	166.5
K976065		0.19	0.9	0.947	2.68	29.7	53.0	0.71	2200	2.95	0.03	7.0	2.5	470	149.5	159.5
K976066		0.17	1.0	0.519	2.88	27.3	38.4	0.76	1180	1.36	0.04	7.4	1.9	530	202	138.0
K976068		0.18	1.1	0.128	2.91	21.9	36.5	0.76	1410	1.44	0.21	8.1	2.5	560	53.9	111.5
K976069		0.21	0.9	1.105	2.94	19.8	7.9	0.67	5140	1.22	0.02	6.5	2.5	450	136.5	164.0
K976070		0.17	1.0	0.152	2.79	21.1	32.0	0.69	704	0.90	0.19	8.6	2.1	540	33.9	94.5
K976071		0.17	1.0	0.778	2.70	33.2	108.0	0.74	2110	0.90	0.04	7.7	2.7	550	389	156.0
K976072		0.16	0.9	0.328	2.57	21.6	96.0	0.80	2030	0.85	0.06	7.3	2.5	550	912	124.5
K976091		0.17	1.0	0.103	2.36	19.3	41.7	0.59	914	0.89	0.08	8.3	2.3	560	82.7	77.8
K976092		0.19	0.8	0.848	2.65	21.6	15.8	0.82	5290	1.44	0.03	6.8	2.5	480	2900	152.0
K976093		0.17	1.2	0.112	3.30	18.4	51.8	0.70	1310	0.97	0.09	8.3	2.7	580	62.3	133.5
K976106		0.18	4.2	0.031	2.73	39.9	282	0.85	576	2.44	0.04	11.5	5.8	1150	26.0	106.0



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Finalized Date: 8-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026789**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K976021		<0.002	0.03	2.01	10.2	1	1.7	371	0.61	<0.05	13.0	0.240	1.07	3.5	61	0.9
K976022		<0.002	6.82	71.7	7.9	2	7.5	70.4	0.41	0.11	10.1	0.167	2.49	4.2	45	4.0
K976023		<0.002	0.05	2.89	10.4	1	1.9	315	0.63	<0.05	11.5	0.247	1.10	3.4	64	1.2
K272441		<0.002	0.01	0.31	0.3	1	<0.2	49.4	<0.05	<0.05	0.2	0.005	0.02	0.9	2	0.1
K976043		<0.002	0.16	21.6	10.1	1	1.7	184.0	0.71	<0.05	11.7	0.238	1.48	3.3	61	4.5
K976044		<0.002	2.74	17.80	9.6	2	4.0	59.6	0.56	0.32	12.6	0.195	3.06	4.6	53	3.7
K976045		<0.002	0.03	2.17	11.0	1	1.9	346	0.78	<0.05	11.9	0.260	1.17	4.3	68	2.2
K976046		<0.002	0.05	3.68	11.2	1	2.0	326	0.68	<0.05	12.0	0.259	1.38	3.7	69	1.7
K976048		<0.002	0.42	17.55	10.0	1	2.0	141.5	0.64	<0.05	11.8	0.239	2.20	3.7	63	3.2
K976049		<0.002	4.28	26.7	9.8	1	5.0	32.6	0.55	0.09	12.1	0.215	3.09	4.5	57	7.7
K976050		<0.002	1.52	28.1	10.1	1	2.8	117.0	0.61	<0.05	13.2	0.230	2.49	4.4	62	4.8
K976052		<0.002	0.47	9.69	10.8	1	3.1	206	0.61	<0.05	10.5	0.262	2.32	3.8	71	3.0
K976053		<0.002	2.35	26.0	9.8	1	7.5	39.0	0.51	0.05	12.7	0.191	3.28	4.5	53	5.0
G0561939		0.019	1.55	143.5	7.3	4	319	653	0.41	0.12	5.1	0.220	3.73	1.1	72	19.6
K976054		<0.002	0.79	9.77	10.4	1	4.9	98.6	0.54	<0.05	13.7	0.211	3.30	5.1	58	3.6
K976055		<0.002	2.35	22.8	9.6	1	8.4	72.2	0.51	0.15	12.1	0.203	3.11	4.0	62	3.4
K976056		<0.002	3.52	50.6	10.0	2	5.9	58.5	0.49	0.21	12.1	0.202	3.23	4.6	57	4.4
K976058		<0.002	2.82	23.9	9.9	1	9.7	39.6	0.58	0.05	12.5	0.205	3.12	3.7	57	5.2
K976059		<0.002	1.13	14.35	8.9	1	4.5	50.7	0.60	<0.05	13.6	0.203	3.58	3.8	55	4.3
K976060		<0.002	2.20	47.2	7.4	1	3.9	143.0	0.38	0.08	9.6	0.144	2.35	7.1	44	3.8
K976061		<0.002	1.70	53.2	6.3	1	1.8	83.8	0.33	0.05	7.8	0.128	2.12	5.0	35	4.5
K976062		<0.002	0.89	14.05	10.7	1	2.9	102.5	0.56	<0.05	13.3	0.228	2.79	5.0	63	6.2
K976063		<0.002	2.59	71.2	8.7	1	5.9	71.2	0.49	0.06	10.8	0.188	2.77	4.8	51	4.3
G0561940		0.031	>10.0	257	2.8	210	104.5	39.8	0.09	0.78	1.0	0.040	33.0	3.6	53	1.8
K976064		<0.002	0.67	11.75	10.5	1	3.2	115.5	0.62	<0.05	12.3	0.233	3.13	5.7	65	5.5
K976065		0.002	1.55	13.15	9.2	1	4.8	104.0	0.50	<0.05	11.9	0.198	2.74	5.9	53	5.2
K976066		<0.002	0.96	12.40	9.3	1	3.8	90.3	0.54	<0.05	11.8	0.219	2.54	4.3	57	3.1
K976068		<0.002	0.34	7.88	9.6	1	2.4	124.5	0.60	<0.05	11.6	0.240	2.12	5.0	64	4.4
K976069		<0.002	1.74	18.35	8.6	1	5.3	26.0	0.51	<0.05	11.8	0.189	3.00	4.4	50	5.7
K976070		<0.002	0.28	8.68	9.4	1	1.9	140.5	0.65	<0.05	11.5	0.242	1.66	3.6	62	3.8
K976071		<0.002	1.65	48.4	10.7	1	6.2	114.5	0.60	<0.05	14.2	0.232	2.55	6.1	65	3.9
K976072		<0.002	0.73	16.80	9.6	1	3.2	106.0	0.57	0.05	11.1	0.226	2.54	4.1	65	3.7
K976091		<0.002	0.57	21.0	9.6	1	1.8	133.0	0.65	0.07	10.8	0.241	1.57	2.9	57	4.1
K976092		<0.002	4.00	97.2	9.9	1	12.2	95.3	0.51	0.09	11.8	0.203	3.30	4.6	60	6.9
K976093		<0.002	0.67	11.65	10.3	1	2.0	112.0	0.73	0.29	11.9	0.240	2.49	4.2	68	3.5
K976106		<0.002	0.08	21.1	6.0	1	1.7	551	0.74	<0.05	11.2	0.321	1.50	4.3	52	2.6



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**CERTIFICATE OF ANALYSIS WH12026789**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K976021		16.4	40	31.8				
K976022		11.6	>10000	22.5				1.185
K976023		15.7	121	32.5				
K272441		1.1	38	0.5				
K976043		14.6	71	34.4				
K976044		10.2	>10000	26.1				1.200
K976045		17.4	59	39.1				
K976046		17.1	85	32.8				
K976048		13.1	497	28.2				
K976049		10.8	4430	27.3				
K976050		14.1	1360	30.3				
K976052		15.3	595	29.2				
K976053		10.6	3980	25.2				
G0561939		11.4	7180	16.1				
K976054		12.4	1730	27.9				
K976055		9.5	5070	25.9				
K976056		13.3	1920	24.7				
K976058		10.1	1380	27.6				
K976059		9.9	1330	27.3				
K976060		9.4	2760	20.1				
K976061		9.0	1300	17.0				
K976062		13.6	479	26.9				
K976063		11.3	1860	23.9				
G0561940		7.2	>10000	17.8	154	1.265	1.490	9.28
K976064		13.5	197	30.1				
K976065		11.4	3470	24.6				
K976066		12.5	1720	27.5				
K976068		13.5	187	30.2				
K976069		8.2	1850	23.0				
K976070		14.4	361	29.2				
K976071		13.8	2270	27.4				
K976072		12.1	793	26.6				
K976091		12.4	185	29.1				
K976092		11.9	5200	23.4				
K976093		12.6	135	30.8				
K976106		10.6	142	177.0				



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To: ROCKHAVEN RESOURCES LTD.  
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LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Project: Klaza

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 8-MAR-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12026789**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Page: 1  
Finalized Date: 8-MAR-2012  
Account: ROCKHA

**CERTIFICATE WH12026830**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 8-MAR-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026830**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
K976107		47.8	4.35	2970	900	1.24	73.5	1.82	119.5	25.1	12.7	9	10.55	1020	5.61	9.81
K976108		0.50	8.00	64.7	1630	2.09	0.59	2.61	0.99	72.2	8.0	23	22.0	15.5	2.92	18.40
K976109		3.10	6.76	661	870	1.27	2.29	1.75	22.9	43.2	7.4	9	11.55	51.8	6.48	14.25
K976127		0.21	7.53	14.1	1910	1.58	0.26	2.47	0.34	50.6	5.6	9	14.40	10.9	2.87	16.35
K976128		21.5	6.02	297	4000	1.44	64.7	0.80	20.5	36.2	9.9	8	12.45	83.6	8.37	12.90
K976129		0.23	8.62	44.4	1300	1.81	0.25	3.50	0.52	53.7	7.3	9	21.1	9.0	2.78	18.55
K976130		0.65	7.94	37.5	980	1.81	0.70	3.02	5.21	54.4	6.9	9	24.5	11.5	2.56	18.35
K976131		77.9	2.72	894	1370	0.64	105.5	1.08	>1000	47.1	5.2	6	4.04	1445	9.28	7.00
K272480		0.27	0.08	8	20	<0.05	0.10	19.90	1.47	1.40	1.3	<1	0.26	10.4	0.47	0.29
K976133		0.96	8.12	95.3	1450	1.75	0.94	2.04	11.80	63.3	5.6	8	15.45	24.4	3.27	16.60
K976145		3.35	8.34	238	1710	1.39	5.50	1.63	3.94	49.6	5.7	8	10.25	65.4	4.05	16.35
K976146		94.9	6.02	926	630	1.18	184.5	1.16	14.05	62.3	12.6	8	6.90	1440	8.33	13.35
K976147		0.23	8.17	14.3	1940	1.53	0.33	2.52	0.82	56.3	7.2	9	9.38	5.2	3.08	16.75
K976148		0.62	8.06	12.6	1930	1.55	1.21	2.33	0.26	48.9	7.2	10	10.15	12.1	3.09	16.80
G0561941		>100	8.26	56.5	1600	1.40	1.76	2.48	54.5	31.9	13.3	21	2.51	4700	3.99	22.1
K976149		0.31	8.10	30.6	1980	1.53	0.35	2.48	0.75	58.5	8.2	8	11.35	7.0	2.54	16.65
K976150		43.7	6.26	640	1070	1.29	83.1	1.48	141.5	63.0	7.2	6	12.25	1950	6.98	14.00
K976152		1.30	8.12	36.8	1460	1.53	1.79	1.76	6.52	64.2	8.2	8	12.40	17.5	3.28	16.20
K973619		0.57	7.91	48.4	2240	1.62	1.28	2.63	4.95	46.3	4.8	11	16.20	11.5	3.00	16.55
K973620		15.70	6.71	490	640	2.89	6.45	1.33	93.1	41.3	5.9	6	12.75	158.0	5.53	15.75
K973622		0.31	6.78	22.8	70	4.11	0.42	1.61	2.29	13.55	0.4	2	21.1	2.8	0.66	19.00
K973623		0.13	6.67	12.8	50	3.67	0.32	0.90	1.48	14.00	0.2	2	20.5	2.1	0.57	19.40
K973624		0.39	7.29	21.3	70	3.88	0.72	0.61	5.13	17.90	0.5	1	20.3	4.3	0.72	19.90
K973625		10.65	7.00	258	420	2.49	6.90	0.43	27.1	40.3	3.8	5	26.4	57.9	3.93	17.70
K973626		1.51	7.65	147.0	890	1.91	0.77	2.28	7.20	53.9	7.9	7	19.20	12.7	3.05	16.10
K973639		3.38	7.34	84.9	1250	1.51	2.18	1.35	64.8	58.2	10.8	9	8.54	34.8	4.50	17.65
K973640		17.75	5.38	>10000	690	1.21	21.6	1.53	123.5	36.6	3.4	10	8.89	282	5.80	12.50
K973642		1.61	7.85	143.0	920	1.57	1.59	1.61	22.4	60.3	3.3	9	16.50	23.3	4.74	16.95
K973643		22.9	7.00	>10000	790	1.32	9.85	0.46	105.0	56.2	3.3	9	10.65	528	6.38	18.30
G0561942		>100	1.44	1115	290	0.33	64.6	1.77	511	13.05	25.8	30	0.76	>10000	17.05	16.35
K973644		2.42	7.08	774	1210	1.61	1.99	1.76	58.2	56.2	3.6	9	15.80	21.1	4.44	17.25
K973645		0.64	6.90	47.8	1230	1.50	0.50	2.28	12.85	48.5	3.7	9	15.50	7.5	3.15	17.30
K973646		16.10	6.50	188.5	800	1.37	23.0	1.56	96.9	48.3	3.5	10	14.75	156.0	4.71	16.05
K973672		5.39	6.94	1780	750	1.42	5.95	1.39	24.9	78.3	5.3	11	15.70	54.9	7.76	18.35
K973674		0.48	7.13	46.5	990	1.81	0.32	2.39	1.50	51.2	4.9	16	15.45	25.1	3.11	19.15
K973675		5.47	5.46	320	1390	1.57	2.42	3.16	40.2	49.6	15.0	7	15.45	63.7	4.91	13.05





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Page: 2 - B  
Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 8-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026830**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5	ppm 0.1
K976107		0.16	0.9	3.10	1.47	12.8	47.4	0.79	841	15.95	0.03	4.5	3.1	360	485	93.3
K976108		0.19	4.2	0.055	2.43	40.6	315	1.23	959	1.16	0.05	11.4	8.7	1250	33.7	116.5
K976109		0.21	0.9	0.487	2.99	24.1	12.0	0.89	1680	1.65	0.03	7.2	2.7	490	413	215
K976127		0.17	1.1	0.071	3.02	26.8	62.7	0.77	786	0.70	0.75	8.3	2.6	610	26.3	123.5
K976128		0.23	1.3	0.440	2.43	17.6	88.9	0.43	893	2.84	0.05	6.5	3.7	460	661	139.0
K976129		0.20	3.4	0.045	3.24	29.0	71.3	1.20	715	1.36	0.06	10.8	4.7	800	22.5	136.5
K976130		0.18	3.4	0.104	3.08	29.5	50.0	1.02	625	1.04	0.06	10.5	4.3	740	212	136.5
K976131		0.20	0.4	38.9	1.15	30.1	25.5	0.46	2330	9.72	0.02	2.4	1.3	180	774	71.8
K272480		0.06	<0.1	0.020	0.03	0.7	1.5	12.00	198	0.14	<0.01	0.3	2.2	150	15.1	1.7
K976133		0.17	1.1	0.340	3.08	37.3	69.4	0.77	1280	0.75	0.36	8.9	2.2	570	152.0	179.5
K976145		0.18	0.9	0.220	3.06	27.9	31.5	0.67	1260	1.83	0.52	8.1	2.2	600	83.8	159.0
K976146		0.23	0.7	1.045	2.64	40.4	62.5	0.71	1120	5.04	0.04	5.1	2.1	410	1575	180.0
K976147		0.18	1.0	0.072	2.67	32.1	26.7	0.80	703	0.68	1.94	8.3	2.2	590	44.0	135.5
K976148		0.19	1.0	0.053	2.48	26.7	21.5	0.72	477	0.82	2.24	8.6	2.6	600	26.6	100.5
G0561941		0.16	0.5	13.05	2.33	16.7	12.1	0.73	609	41.0	2.64	7.5	12.2	850	9610	70.5
K976149		0.19	1.0	0.076	2.95	33.4	99.4	0.84	876	0.78	0.27	8.0	2.4	580	39.0	142.5
K976150		0.22	0.8	5.54	2.67	37.5	17.8	0.63	2740	1.78	0.03	6.4	1.7	440	459	165.5
K976152		0.18	1.0	0.178	3.04	37.0	76.5	0.68	900	6.27	0.26	8.2	2.3	580	110.5	142.0
K973619		0.18	1.1	0.080	3.36	24.5	19.8	0.65	1180	1.12	1.38	8.3	2.3	600	147.5	153.5
K973620		0.19	1.3	1.915	2.81	23.6	22.3	0.56	3000	2.66	0.05	10.1	2.1	390	2210	196.5
K973622		0.11	3.3	0.052	1.79	6.4	106.0	0.20	667	1.88	0.03	26.0	0.5	40	101.0	127.5
K973623		0.10	3.2	0.033	1.76	7.0	89.8	0.15	481	0.84	0.03	26.2	0.4	20	41.7	137.0
K973624		0.10	3.4	0.061	1.81	9.5	205	0.24	1030	2.48	0.03	26.4	0.5	50	63.4	147.5
K973625		0.16	1.7	1.235	2.70	23.7	29.5	0.36	2710	25.2	0.03	13.7	1.7	330	1125	185.0
K973626		0.18	1.1	0.121	3.56	31.9	11.1	0.85	2620	2.87	0.06	8.9	2.4	540	317	222
K973639		0.21	0.8	1.520	3.28	36.0	6.6	0.79	2390	6.43	0.06	6.5	2.2	550	1300	204
K973640		0.19	0.6	4.22	2.35	20.6	18.3	0.68	1300	9.83	0.03	5.1	1.9	370	1045	148.5
K973642		0.20	1.0	0.422	3.29	37.7	13.7	0.85	2330	2.67	0.04	7.4	2.2	560	392	196.5
K973643		0.21	0.9	2.38	3.14	33.3	7.3	0.43	1310	3.47	0.04	6.8	2.2	510	1555	196.5
G0561942		0.96	0.6	7.31	0.41	7.8	7.9	0.86	389	37.8	0.02	1.7	51.5	390	>10000	18.1
K973644		0.12	1.0	1.005	3.21	32.2	7.6	0.83	1560	9.29	0.03	7.6	2.2	500	784	177.5
K973645		0.12	1.1	0.256	3.16	25.9	21.2	0.86	1130	3.18	0.04	7.3	2.1	550	334	145.5
K973646		0.13	1.0	3.24	2.67	28.3	29.7	0.68	1620	2.48	0.03	6.8	2.3	490	1175	150.0
K973672		0.19	1.5	0.629	3.10	48.4	11.8	0.83	2600	6.03	0.03	6.5	3.4	760	847	167.5
K973674		0.13	2.3	0.135	2.23	27.3	60.0	0.72	1240	2.02	0.03	8.0	4.4	1040	68.4	76.2
K973675		0.13	1.2	0.630	2.26	29.8	16.5	0.97	2670	4.67	0.01	5.2	3.7	530	1375	144.5



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 8-MAR-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026830**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K976107		0.002	5.55	246	4.9	2	5.9	159.0	0.32	0.39	6.6	0.131	1.48	2.7	35	2.9
K976108		<0.002	0.34	20.4	7.5	1	1.7	633	0.70	<0.05	10.9	0.336	1.53	4.8	65	3.2
K976109		<0.002	6.39	22.3	9.5	1	5.5	78.7	0.53	0.11	12.9	0.212	3.40	4.3	58	6.9
K976127		<0.002	0.15	7.19	10.1	1	2.1	239	0.65	0.06	11.7	0.248	2.07	3.9	70	2.7
K976128		<0.002	7.55	19.30	7.5	2	3.5	179.0	0.50	1.22	9.4	0.190	2.20	4.9	55	3.3
K976129		<0.002	0.19	15.25	8.3	1	1.7	450	0.77	<0.05	10.7	0.303	2.51	6.0	70	4.7
K976130		<0.002	0.18	16.65	8.1	1	1.6	396	0.76	<0.05	11.1	0.280	2.58	5.7	68	2.4
K976131		<0.002	>10.0	77.3	3.3	12	5.5	33.7	0.19	1.28	4.6	0.068	1.08	2.0	25	2.1
K272480		<0.002	0.02	0.67	0.3	1	<0.2	41.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2	0.1
K976133		<0.002	0.96	10.15	11.0	1	2.9	182.0	0.75	<0.05	14.2	0.240	2.72	5.6	64	2.7
K976145		<0.002	1.10	24.7	10.9	1	3.2	138.5	0.63	0.08	14.2	0.251	2.17	4.6	69	2.7
K976146		<0.002	7.39	209	8.0	1	7.6	43.5	0.39	1.55	11.7	0.153	2.30	5.3	53	3.1
K976147		<0.002	0.20	3.57	11.2	1	2.3	322	0.63	<0.05	14.0	0.249	1.70	5.2	69	1.3
K976148		<0.002	0.22	4.77	11.3	1	2.3	325	0.66	0.05	13.4	0.258	1.25	4.9	69	1.1
G0561941		0.020	1.68	154.0	7.8	4	362	722	0.41	0.12	5.9	0.235	4.00	1.3	79	19.7
K976149		<0.002	0.50	8.88	10.7	1	2.8	193.5	0.62	0.08	14.0	0.244	2.31	4.2	65	2.2
K976150		<0.002	5.82	47.3	8.4	2	5.6	64.9	0.52	0.74	12.1	0.184	2.90	4.4	51	4.2
K976152		<0.002	0.78	10.80	10.9	1	2.6	144.0	0.66	0.36	14.5	0.243	2.21	5.0	67	2.6
K973619		<0.002	0.21	3.76	11.3	1	2.0	260	0.61	<0.05	12.0	0.259	2.12	4.5	74	1.7
K973620		<0.002	3.50	24.6	8.3	2	9.1	104.5	0.84	0.10	13.8	0.168	3.13	8.2	48	6.0
K973622		<0.002	0.07	4.30	3.3	1	3.0	127.0	2.67	<0.05	17.2	0.038	1.62	10.3	2	1.8
K973623		<0.002	0.02	4.48	3.3	1	2.9	61.8	2.72	<0.05	18.6	0.033	1.43	4.5	1	1.8
K973624		<0.002	0.03	6.04	3.7	1	3.3	64.4	2.65	<0.05	22.9	0.040	1.50	9.7	2	2.5
K973625		<0.002	1.75	37.2	7.7	1	5.9	77.5	1.21	0.08	16.9	0.160	3.00	13.5	43	6.5
K973626		0.002	1.31	8.95	10.5	1	2.3	86.8	0.66	<0.05	14.5	0.226	3.59	6.5	60	5.4
K973639		0.003	1.61	7.52	11.1	1	4.0	29.2	0.48	0.08	15.2	0.189	3.16	4.1	72	4.4
K973640		0.002	4.54	79.5	7.3	1	4.4	32.8	0.39	0.11	10.1	0.148	2.49	5.1	49	4.2
K973642		<0.002	1.34	9.34	10.5	1	3.3	55.8	0.57	<0.05	14.8	0.223	3.44	5.1	60	6.1
K973643		<0.002	5.02	91.4	9.5	1	11.4	15.1	0.54	<0.05	13.3	0.206	3.06	4.0	59	6.5
G0561942		0.031	>10.0	264	2.4	209	111.5	39.0	0.09	0.88	1.2	0.040	36.5	4.3	58	1.8
K973644		0.002	1.44	9.06	9.6	2	4.7	52.2	0.62	<0.05	13.6	0.212	3.00	5.6	60	5.2
K973645		<0.002	0.35	7.35	10.1	1	2.7	78.1	0.60	<0.05	11.9	0.217	3.04	5.9	70	3.1
K973646		0.002	1.85	23.8	9.0	2	3.3	68.8	0.55	0.08	12.3	0.200	2.60	5.8	59	5.9
K973672		0.004	4.17	21.7	11.9	1	6.6	44.6	0.49	0.21	9.5	0.259	3.21	3.8	95	9.8
K973674		0.002	0.39	19.00	15.0	2	3.3	243	0.57	<0.05	8.4	0.363	2.51	6.1	120	9.1
K973675		0.003	3.65	25.9	9.0	2	4.9	99.3	0.39	0.41	8.0	0.180	2.44	11.0	72	5.4



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026830**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K976107		7.7	7630	29.8				
K976108		13.2	165	185.0				
K976109		10.4	1700	28.6				
K976127		14.3	64	29.5				
K976128		11.9	1480	44.7				
K976129		14.4	96	135.5				
K976130		14.5	420	134.0				
K976131		6.3	>10000	13.0				14.85
K272480		0.8	110	0.7				
K976133		15.5	883	29.5				
K976145		13.2	384	25.6				
K976146		10.3	1130	19.6				
K976147		15.3	117	27.4				
K976148		15.2	60	28.0				
G0561941		11.6	7460	15.5	100			
K976149		13.8	100	26.8				
K976150		12.3	9430	22.9				
K976152		14.0	520	28.3				
K973619		14.6	400	32.0				
K973620		12.6	8170	33.7				
K973622		13.9	265	59.4				
K973623		12.6	196	56.3				
K973624		17.5	585	65.8				
K973625		12.3	2460	37.4				
K973626		15.9	1500	29.6				
K973639		10.8	5140	24.1				
K973640		8.3	8420	18.7				
K973642		11.1	1660	27.2				
K973643		10.6	7650	26.7				
G0561942		7.3	>10000	18.3	156	1.235	1.545	9.50
K973644		10.7	4030	29.9				
K973645		12.8	958	31.8				
K973646		11.2	5840	28.5				
K973672		9.6	1920	60.3				
K973674		14.9	147	84.2				
K973675		14.5	2700	41.9				



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**CERTIFICATE OF ANALYSIS WH12026830**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026831**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026831**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K973680		0.39	7.71	18.4	560	1.90	0.35	2.53	1.45	163.5	3.9	27	12.80	20.2	2.99	20.4
K973681		4.82	6.99	77.6	1720	1.63	2.73	1.88	12.50	136.5	63.3	15	15.00	180.5	3.98	16.45
K973682		0.76	7.18	16.7	1730	1.52	0.47	2.65	8.41	72.4	2.8	8	7.62	36.6	2.42	17.30
K973693		0.89	7.10	72.7	1830	1.30	1.28	1.79	2.77	54.3	5.4	8	14.85	11.2	3.31	17.20
K973694		4.98	6.24	1085	870	1.36	6.26	0.92	8.57	45.0	4.0	8	8.97	54.5	7.44	15.75
G0561943		>100	7.13	54.2	1510	1.13	1.57	2.33	56.5	30.2	14.0	20	2.52	4490	3.84	22.4
K973695		0.33	6.85	28.9	1780	1.52	0.25	2.68	0.80	44.6	5.8	8	17.80	6.0	2.76	17.10
K973707		2.65	6.90	112.0	1320	1.52	3.11	2.89	17.35	45.7	2.0	8	10.30	54.3	3.31	17.40
K973708		99.1	5.56	1355	530	1.07	192.5	0.33	47.6	35.0	4.5	7	7.32	1195	8.38	14.40
K973709		49.3	3.71	757	520	0.96	16.35	3.16	79.5	27.9	3.6	4	10.15	279	4.91	9.76
K973710		5.14	4.79	1080	380	1.07	10.20	0.68	4.77	36.1	6.1	9	9.58	69.7	6.31	12.95
K973712		8.18	6.07	949	510	1.35	6.98	0.54	11.25	43.9	4.5	8	15.50	345	5.97	15.55
K973713		1.46	6.85	35.1	1690	1.54	1.17	2.24	1.87	45.8	4.4	7	15.20	131.5	3.13	17.40
K973714		2.80	6.69	253	1100	1.55	2.65	1.85	12.85	43.0	4.4	6	22.8	72.0	3.94	16.60
K973715		26.2	6.32	1150	380	1.25	21.8	0.54	4.24	41.3	5.7	8	14.85	2950	8.90	16.30
K973716		41.5	6.37	743	260	1.37	92.3	0.67	65.1	47.8	4.0	8	9.25	203	6.97	18.15
K973717		0.39	7.11	24.9	1040	1.83	0.60	3.13	0.35	39.6	2.7	9	12.65	26.2	3.04	17.85
K973751		0.22	7.02	7.7	2050	1.73	0.27	2.63	0.32	43.0	6.5	11	12.75	4.3	2.71	18.05
K973752		4.43	6.77	218	810	1.49	6.87	2.61	10.80	40.9	13.9	7	11.65	240	4.11	17.05
G0561944		>100	1.37	1070	270	0.29	55.0	1.77	498	12.45	30.2	30	0.75	>10000	17.45	17.75
K973753		0.61	6.90	84.3	1330	1.57	0.95	2.79	1.63	41.1	4.2	7	20.9	10.0	2.76	16.55
K973780		0.56	6.69	92.2	1810	1.54	0.68	2.65	3.09	34.8	10.9	7	15.50	14.0	3.26	16.20
K973781		>100	5.49	630	840	1.17	609	2.04	13.45	32.3	23.1	8	14.20	284	6.91	12.30
K973782		0.33	6.53	10.6	3000	1.62	0.70	2.69	0.18	34.6	9.9	9	13.70	11.2	2.49	17.05
K973793		14.50	5.48	837	630	1.06	16.50	1.46	241	32.0	16.8	7	12.40	321	7.71	13.00
K973794		1.10	7.03	68.0	1230	1.69	0.79	1.75	24.6	46.9	7.2	9	12.75	39.8	4.12	16.85
K973795		0.28	6.97	9.1	2230	1.66	0.50	2.39	0.99	41.0	6.5	14	9.66	10.1	2.96	17.15
K272500		0.02	0.07	<5	20	0.07	0.03	20.7	0.09	1.31	1.6	<1	0.16	3.8	0.41	0.37
K973854		2.88	7.28	143.0	1010	1.87	1.31	2.21	12.60	49.6	7.9	8	24.6	41.2	3.70	16.55
K973855		>100	4.44	5770	1380	1.45	10.15	4.14	475	33.3	3.7	4	8.72	653	5.38	10.70
K973856		1.41	6.57	40.4	950	3.46	1.12	0.67	10.90	24.4	1.1	5	28.0	14.5	0.87	20.2
K973887		2.06	7.08	20.3	1940	1.44	0.15	2.52	5.19	41.1	5.8	16	14.65	14.7	2.89	15.90
K973888		>100	6.39	1065	1430	1.31	1.93	2.36	120.0	42.2	4.5	13	13.45	140.0	3.80	13.20
K973889		0.57	7.74	68.9	1930	1.77	0.09	2.45	1.70	49.9	6.7	12	25.5	6.8	2.96	17.50
K973890		8.40	7.63	135.0	2090	1.41	0.21	2.26	65.9	49.3	5.8	12	21.0	74.8	3.22	15.85
K973891		0.14	7.33	13.2	2170	1.52	0.11	2.32	0.35	42.1	4.9	10	21.2	2.8	2.81	16.20



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026831**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K973680		0.22	2.6	0.203	1.69	97.3	82.1	0.90	1340	0.29	0.03	8.5	3.8	1370	105.0	53.6
K973681		0.20	2.0	0.522	1.97	88.8	43.2	0.86	1400	1.36	0.02	5.6	4.4	960	601	102.0
K973682		0.17	1.1	0.385	2.76	42.7	27.1	1.03	1220	0.91	0.04	6.5	2.2	580	215	115.0
K973693		0.16	1.3	0.143	2.71	28.2	30.4	0.58	832	1.46	0.12	8.8	2.2	570	78.0	106.0
K973694		0.18	1.0	0.407	2.97	23.5	8.4	0.59	2000	3.69	0.02	6.8	2.3	460	262	211
G0561943		0.13	0.6	13.65	2.21	15.5	10.4	0.67	575	41.3	2.54	7.6	11.8	780	9120	64.1
K973695		0.14	1.3	0.076	2.65	21.7	43.4	0.79	893	0.91	0.83	8.6	2.5	530	39.6	95.6
K973707		0.15	1.0	0.565	2.92	20.5	30.9	1.05	2380	0.79	0.03	7.4	1.8	490	394	150.0
K973708		0.17	0.8	1.785	2.41	15.8	14.3	0.27	498	3.34	0.03	5.6	1.6	400	1520	160.5
K973709		0.08	0.6	1.300	1.55	14.0	26.1	1.15	3560	9.08	0.02	3.9	1.8	220	1920	98.1
K973710		0.15	0.7	0.247	2.07	19.0	26.5	0.33	700	13.80	0.02	5.3	2.9	330	285	128.0
K973712		0.14	0.9	0.927	2.63	21.9	19.1	0.42	2700	3.13	0.03	6.4	2.7	440	238	167.5
K973713		0.15	1.1	0.164	2.91	20.8	50.7	0.63	923	0.53	0.10	8.5	2.5	540	49.2	101.0
K973714		0.14	0.9	0.546	2.88	19.4	25.7	0.67	2780	1.40	0.03	7.0	1.9	500	245	159.0
K973715		0.19	1.0	2.13	2.72	21.2	13.3	0.74	3830	0.80	0.02	6.8	1.9	440	133.0	158.5
K973716		0.19	1.0	3.09	3.08	24.1	7.4	0.47	2430	1.14	0.02	7.2	1.9	470	560	187.5
K973717		0.11	1.0	0.297	1.91	15.4	34.9	0.76	1060	0.55	1.73	8.5	2.1	610	20.3	96.7
K973751		0.15	1.3	0.043	2.66	20.0	12.2	0.71	481	1.24	2.41	9.3	2.5	560	26.1	95.6
K973752		0.15	1.1	0.372	2.95	18.7	9.7	0.69	1540	1.08	0.47	8.2	2.0	520	150.5	167.5
G0561944		0.88	0.6	6.90	0.42	7.0	5.4	0.85	381	39.1	0.02	1.9	56.6	380	>10000	15.6
K973753		0.12	1.2	0.109	2.94	19.1	41.4	0.82	1460	0.77	0.06	8.6	2.1	560	39.6	112.5
K973780		0.17	0.9	0.279	3.51	13.9	53.6	0.74	1200	0.58	0.20	7.9	2.5	520	29.4	155.0
K973781		0.16	0.8	0.522	2.49	15.4	38.0	0.67	1080	0.85	0.18	6.0	2.3	380	833	131.5
K973782		0.14	1.0	0.034	2.63	15.8	19.5	0.62	436	0.41	2.04	8.4	2.2	520	17.3	93.0
K973793		0.18	0.8	5.55	2.25	16.4	17.0	0.45	1430	0.83	0.13	5.9	2.3	410	218	115.0
K973794		0.15	1.2	0.391	3.04	24.6	13.6	0.65	2600	0.78	0.84	8.5	2.0	500	180.0	154.0
K973795		0.16	1.1	0.056	2.72	20.3	13.8	0.73	488	0.76	2.31	8.5	2.4	550	17.5	96.8
K272500		<0.05	<0.1	0.006	0.03	0.6	1.0	12.65	177	0.35	0.01	0.4	1.7	190	1.9	1.3
K973854		0.11	1.2	0.270	3.05	26.8	18.8	0.85	2140	1.35	0.04	8.1	2.3	540	465	163.5
K973855		0.10	1.0	9.64	1.96	17.5	9.9	1.51	3200	2.28	0.01	6.6	1.5	280	>10000	130.5
K973856		0.12	3.1	0.149	2.52	11.6	26.9	0.27	612	4.60	0.03	27.0	1.2	70	318	192.0
K973887		0.14	1.3	0.075	2.74	22.3	11.3	0.68	786	0.84	1.79	8.1	2.7	540	821	100.5
K973888		0.15	1.0	0.930	2.64	22.2	19.3	0.84	1680	1.09	0.08	6.3	2.1	470	>10000	114.5
K973889		0.15	1.4	0.056	3.37	26.6	22.1	0.63	802	0.82	0.84	8.7	2.8	580	214	137.5
K973890		0.16	1.3	0.495	3.25	27.6	33.2	0.79	1260	0.80	0.09	8.0	2.8	560	1755	140.0
K973891		0.16	1.3	0.052	3.14	23.0	28.8	0.58	701	0.62	0.86	8.2	2.4	560	52.3	117.5



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026831**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K973680		0.002	0.18	17.80	18.3	2	4.5	890	0.51	0.06	7.8	0.416	1.45	9.1	143	12.9
K973681		0.003	1.54	54.8	13.2	2	4.3	487	0.36	0.90	6.8	0.290	1.70	7.7	117	9.9
K973682		<0.002	0.29	14.10	10.4	1	2.8	116.0	0.54	<0.05	12.6	0.196	2.06	3.4	71	5.8
K973693		0.002	0.76	22.1	10.2	2	1.8	113.5	0.72	0.07	13.0	0.245	1.55	3.5	67	4.0
K973694		0.002	5.91	20.5	8.9	1	7.7	25.8	0.54	0.10	11.1	0.194	3.04	4.1	53	8.2
G0561943		0.019	1.60	158.5	7.3	5	332	655	0.42	0.15	5.3	0.224	3.63	1.2	73	20.5
K973695		<0.002	0.24	5.54	10.5	2	1.9	200	0.70	<0.05	12.3	0.240	1.79	4.5	67	3.5
K973707		0.002	0.91	15.10	10.2	2	5.0	74.9	0.62	0.07	12.4	0.203	2.86	5.0	66	4.6
K973708		0.002	8.51	133.5	7.6	2	7.9	17.1	0.45	1.00	9.7	0.161	2.49	2.5	50	5.4
K973709		<0.002	4.26	112.0	5.7	2	9.2	77.9	0.30	0.15	6.8	0.110	1.74	4.4	34	5.4
K973710		0.002	5.95	60.2	7.2	1	5.8	49.1	0.40	0.34	8.7	0.159	2.15	20.4	50	6.0
K973712		0.002	3.97	80.5	8.9	1	6.0	31.9	0.48	0.13	10.7	0.189	2.76	5.5	58	5.9
K973713		0.002	0.26	17.20	10.7	2	2.6	129.0	0.66	<0.05	12.4	0.239	1.78	4.3	70	3.8
K973714		0.003	1.81	20.3	10.0	1	4.4	62.9	0.55	0.10	12.1	0.198	2.64	4.6	52	5.0
K973715		0.002	2.72	34.3	9.1	1	6.8	28.5	0.57	0.08	12.0	0.195	3.24	3.0	55	10.0
K973716		<0.002	5.38	12.30	9.4	2	12.8	21.1	0.59	0.38	12.2	0.202	2.99	3.6	59	6.5
K973717		0.002	0.24	5.23	11.2	2	3.3	287	0.65	0.07	11.6	0.237	1.80	3.6	74	1.6
K973751		<0.002	0.03	1.68	11.2	2	1.7	369	0.75	<0.05	12.4	0.256	1.10	4.0	68	1.9
K973752		<0.002	2.31	7.82	10.3	1	5.0	107.5	0.70	1.04	12.5	0.224	2.81	4.3	60	35.5
G0561944		0.031	>10.0	258	2.7	213	109.5	39.3	0.10	0.90	1.1	0.042	33.5	4.0	58	1.8
K973753		0.002	0.37	7.98	10.1	2	2.6	121.5	0.72	<0.05	12.0	0.243	2.76	4.0	65	4.5
K973780		<0.002	1.39	6.55	10.0	2	3.0	150.0	0.64	0.07	11.9	0.229	2.85	4.0	64	2.5
K973781		<0.002	6.14	34.8	8.0	2	3.2	106.0	0.49	2.03	9.7	0.167	1.99	3.3	47	2.0
K973782		<0.002	0.31	2.65	9.9	2	2.2	379	0.68	0.05	9.8	0.231	1.26	3.1	62	0.8
K973793		0.002	7.72	18.60	8.1	3	4.0	75.0	0.44	0.43	8.4	0.178	1.68	3.0	51	3.3
K973794		<0.002	0.93	6.37	9.9	1	2.7	160.0	0.75	0.08	13.3	0.219	2.24	4.9	59	3.2
K973795		<0.002	0.10	1.92	10.4	1	1.9	364	0.67	<0.05	11.6	0.246	1.17	3.7	67	0.8
K272500		<0.002	0.01	0.10	0.3	1	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2	0.1
K973854		0.002	1.55	11.35	10.3	1	2.1	123.0	0.65	0.07	13.2	0.238	2.80	5.9	63	4.4
K973855		0.002	6.33	287	5.0	3	7.5	128.5	0.52	0.10	9.0	0.121	2.08	8.9	34	3.9
K973856		<0.002	0.27	7.82	4.2	1	3.2	95.5	2.67	<0.05	22.8	0.054	1.97	20.9	7	1.9
K973887		<0.002	0.13	5.51	9.9	1	1.7	304	0.82	<0.05	12.1	0.235	1.39	4.1	62	1.4
K973888		0.002	2.25	142.0	9.3	1	2.5	83.4	0.59	<0.05	11.1	0.200	2.13	4.0	56	3.3
K973889		<0.002	0.18	9.09	11.7	1	1.8	220	0.82	<0.05	14.2	0.257	2.12	4.8	70	2.3
K973890		<0.002	0.76	33.2	10.9	1	2.3	130.5	0.75	<0.05	14.1	0.237	2.21	5.0	65	2.4
K973891		<0.002	0.10	6.91	10.5	1	1.7	207	0.77	<0.05	12.3	0.247	1.89	4.1	67	2.0





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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026831**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K973680		20.9	163	105.5				
K973681		16.8	951	81.9				
K973682		13.5	587	29.4				
K973693		15.3	215	37.5				
K973694		8.7	599	29.4				
G0561943		10.7	7020	18.2	104			
K973695		14.7	84	36.1				
K973707		12.4	1260	30.5				
K973708		8.9	3010	22.4				
K973709		7.6	6410	16.3				
K973710		8.0	358	21.2				
K973712		9.7	899	24.5				
K973713		14.6	169	31.8				
K973714		11.1	1020	26.9				
K973715		8.4	351	27.8				
K973716		10.1	4210	28.9				
K973717		14.7	78	29.3				
K973751		16.0	52	37.8				
K973752		11.9	906	30.0				
G0561944		7.0	>10000	19.9	161	1.265	1.560	9.27
K973753		15.1	220	32.7				
K973780		11.5	268	25.4				
K973781		10.7	913	21.4	214			
K973782		13.3	42	27.3				
K973793		11.1	>10000	22.3				1.735
K973794		12.2	1860	33.1				
K973795		15.1	103	30.9				
K272500		0.9	18	<0.5				
K973854		13.5	1120	35.6				
K973855		9.0	>10000	25.1	309		5.58	2.99
K973856		20.5	845	60.8				
K973887		16.2	413	33.6				
K973888		13.7	7700	25.4	125		3.90	
K973889		16.6	174	38.2				
K973890		16.9	4810	33.3				
K973891		14.7	68	34.2				



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**CERTIFICATE OF ANALYSIS WH12026831**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12026832**

Project: Klaza

P.O. No.:

This report is for 25 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12026832**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
L829368		1.59	6.85	44.4	2990	1.45	1.33	2.00	3.05	18.10	29.9	12	10.25	6.2	5.55	15.10
K973892		13.75	6.77	1305	620	1.43	0.54	1.66	47.0	49.9	4.4	10	14.40	222	5.25	15.00
K973970		1.00	7.31	153.0	1390	1.55	0.74	1.60	10.60	49.2	6.2	12	17.15	22.1	4.85	16.90
K973971		42.6	6.75	353	1060	1.35	32.0	2.25	145.0	47.3	6.5	10	16.10	315	5.05	15.05
K973973		1.74	7.31	146.5	1090	1.39	0.39	2.69	57.4	48.0	6.7	11	17.55	31.4	4.35	15.70
G0561945		>100	1.42	953	280	0.28	59.2	1.87	520	13.45	30.3	35	0.69	>10000	17.60	17.20
K974054		0.44	8.01	20.3	2000	1.35	0.29	1.71	1.70	51.5	5.1	13	14.55	10.5	3.36	17.50
K974055		92.7	4.67	3000	910	1.00	118.5	3.96	429	28.4	5.4	11	8.65	1305	8.30	10.70
K974056		2.85	5.08	259	1320	1.08	2.19	4.24	32.3	40.3	7.5	9	11.45	38.5	3.95	11.35
K974057		0.94	7.63	203	1270	1.47	0.61	2.54	7.87	43.6	3.8	11	15.10	20.4	3.22	15.80
K974059		2.46	7.51	124.5	1920	1.56	1.93	1.71	29.4	47.8	4.6	12	8.58	53.2	4.11	16.20
K974060		3.48	7.22	179.0	1150	1.50	3.99	1.13	34.8	67.3	6.9	12	8.46	58.3	5.27	16.60
K271901		0.02	0.09	<5	30	0.06	0.03	21.0	0.21	1.50	1.3	5	0.30	2.2	0.51	0.31
K974061		2.84	7.26	447	1320	1.41	2.89	2.73	21.7	42.3	4.4	11	13.35	24.0	3.89	15.55
K974062		10.50	6.62	3780	1960	1.25	13.35	2.03	38.2	43.9	5.0	11	9.33	113.5	5.59	15.30
K974064		18.55	6.25	1550	570	1.33	27.7	1.60	71.0	37.2	13.9	11	10.70	180.0	5.32	14.90
K974065		1.19	7.83	192.0	2030	1.41	0.59	2.03	13.50	64.9	3.6	13	10.80	13.6	4.05	16.60
K974075		24.0	6.44	1000	650	1.25	39.6	0.72	231	41.9	7.3	9	8.88	284	6.47	14.70
K974076		0.99	7.94	94.1	1230	1.55	0.29	1.85	8.74	48.2	5.7	12	17.35	13.1	3.84	16.55
G0561946		>100	7.69	47.8	1550	1.28	1.83	2.40	51.4	31.4	12.6	24	2.41	4560	3.86	20.9
K974077		5.39	6.37	664	3390	1.33	2.76	0.70	31.0	33.3	8.6	11	11.20	61.2	6.09	14.75
K974078		6.07	7.32	813	1170	1.48	1.84	1.14	23.9	50.8	8.3	11	12.55	58.6	5.42	16.75
K974090		2.76	6.35	163.0	490	1.23	4.13	1.64	12.85	30.4	12.1	11	9.06	9.8	5.65	14.35
K974091		>100	4.49	1150	990	0.87	146.5	1.02	661	15.95	13.7	11	7.52	1565	9.41	11.15
K974093		0.75	7.52	22.9	810	2.17	0.77	1.76	2.24	61.4	5.4	15	16.85	26.6	2.35	19.50



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**CERTIFICATE OF ANALYSIS WH12026832**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
L829368		0.16	0.9	0.413	2.88	7.4	10.5	0.84	1960	26.8	0.10	5.7	3.1	540	113.5	171.0
K973892		0.20	1.0	0.406	3.00	30.2	11.8	0.75	2380	13.45	0.02	6.7	2.9	490	3270	186.5
K973970		0.19	1.2	0.293	3.18	27.0	33.5	0.68	2520	1.51	0.04	8.0	2.9	570	109.5	161.0
K973971		0.18	0.9	5.85	2.96	26.7	35.4	0.75	2550	2.01	0.04	6.9	2.3	490	466	164.0
K973973		0.19	1.0	1.005	3.35	27.4	42.1	0.74	1780	0.75	0.38	7.4	2.3	540	83.3	153.5
G0561945		1.08	0.6	7.13	0.42	7.6	6.2	0.86	401	39.8	0.02	1.8	63.3	390	>10000	17.8
K974054		0.15	1.2	0.111	3.29	28.4	52.3	0.68	1150	1.36	0.08	8.5	2.5	610	72.9	142.0
K974055		0.20	0.7	8.53	2.00	14.4	13.2	1.56	2740	10.95	0.02	4.7	2.1	350	5380	122.0
K974056		0.16	0.7	0.853	2.20	21.3	18.4	1.17	2920	7.64	0.02	5.0	2.4	350	666	138.0
K974057		0.15	1.0	0.156	3.16	24.1	16.6	0.99	1180	1.14	0.03	7.6	2.2	540	250	153.0
K974059		0.19	1.0	0.662	3.47	25.6	9.7	0.75	1780	0.96	0.04	7.2	3.8	560	636	199.5
K974060		0.22	0.9	0.618	3.29	39.5	21.8	0.71	1600	1.57	0.04	7.0	6.0	530	745	198.5
K271901		0.08	<0.1	0.007	0.04	0.7	1.0	13.10	232	0.10	<0.01	0.3	2.8	230	4.9	2.9
K974061		0.16	1.0	0.484	3.15	23.6	22.1	1.04	2050	4.62	0.02	6.8	2.1	540	605	185.0
K974062		0.20	1.0	1.565	2.90	22.4	11.8	0.78	5730	1.89	0.02	6.6	2.2	480	364	160.5
K974064		0.19	0.8	1.305	2.80	19.9	13.7	0.63	1940	6.42	0.02	6.2	2.3	460	1090	164.0
K974065		0.19	0.9	0.197	3.69	36.7	11.0	0.85	1900	0.65	0.03	7.1	2.3	570	548	215
K974075		0.20	1.0	6.02	2.89	23.0	8.4	0.69	1780	3.52	0.02	6.1	2.1	470	2000	178.5
K974076		0.17	1.2	0.141	2.66	26.9	105.0	0.82	1250	1.04	0.03	8.0	2.6	630	436	129.5
G0561946		0.18	0.6	13.55	2.21	16.0	10.0	0.69	597	40.4	2.54	7.0	12.5	810	9180	70.2
K974077		0.22	0.9	0.808	2.68	13.8	16.0	0.50	2350	20.5	0.01	5.9	3.2	480	706	160.5
K974078		0.20	1.1	0.838	3.25	28.2	10.6	0.56	4470	0.69	0.02	7.6	2.5	550	254	207
K974090		0.19	1.0	0.316	2.92	15.5	18.8	0.71	1700	4.74	0.03	4.6	2.5	470	361	192.0
K974091		0.20	0.9	14.15	1.92	7.9	38.5	0.52	2090	16.20	0.01	4.1	2.6	370	1370	103.0
K974093		0.17	3.4	0.091	2.63	32.6	449	0.72	550	1.14	0.03	10.5	5.1	950	38.8	91.5



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**CERTIFICATE OF ANALYSIS WH12026832**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
L829368		0.006	4.75	14.70	9.1	2	4.1	105.5	0.50	0.36	10.6	0.180	2.96	5.1	56	1.3
K973892		0.002	2.77	114.0	10.2	1	4.4	50.7	0.60	<0.05	13.8	0.213	3.25	6.9	58	5.4
K973970		<0.002	1.82	14.20	10.6	1	2.9	69.5	0.81	<0.05	14.2	0.234	2.97	5.4	62	3.8
K973971		0.002	3.81	85.4	10.1	2	3.4	87.2	0.62	0.09	12.6	0.208	2.83	4.7	57	3.7
K973973		0.002	1.91	9.37	10.4	1	2.5	154.5	0.66	<0.05	13.1	0.228	2.43	4.0	61	1.9
G0561945		0.032	>10.0	275	3.1	237	111.0	42.7	0.11	0.80	1.2	0.042	34.3	4.4	58	1.7
K974054		<0.002	0.24	8.60	11.9	1	2.5	119.5	0.78	<0.05	14.3	0.269	2.19	4.1	71	3.2
K974055		<0.002	8.80	73.8	7.2	3	12.3	77.1	0.43	0.26	8.5	0.146	2.20	6.4	41	3.9
K974056		0.002	1.52	23.7	7.6	1	4.2	113.0	0.45	0.08	10.2	0.148	2.27	10.0	42	3.4
K974057		<0.002	0.60	9.24	10.5	1	3.1	135.5	0.70	<0.05	13.9	0.235	3.03	5.0	63	3.3
K974059		<0.002	1.29	10.50	10.3	1	5.0	53.7	0.64	<0.05	14.9	0.214	3.05	5.4	56	3.5
K974060		0.002	2.23	10.55	12.1	1	4.7	41.1	0.63	<0.05	14.5	0.215	2.95	5.5	59	4.0
K271901		<0.002	0.01	0.14	0.3	1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	0.02	0.6	1	0.1
K974061		0.002	1.86	15.40	10.1	1	3.7	123.5	0.63	<0.05	13.1	0.218	3.26	4.2	60	4.1
K974062		0.002	4.33	61.1	9.8	1	6.7	65.1	0.57	0.08	11.8	0.206	2.87	3.7	57	5.8
K974064		0.002	4.24	52.6	9.5	2	6.8	56.0	0.55	0.22	12.3	0.197	2.65	5.4	51	3.5
K974065		<0.002	1.32	7.30	10.9	1	3.3	60.7	0.64	0.05	14.7	0.228	3.42	5.0	69	2.9
K974075		<0.002	3.94	32.3	9.3	2	4.7	25.8	0.54	0.14	12.7	0.192	2.81	6.5	54	6.7
K974076		<0.002	0.60	15.20	11.3	1	2.6	104.5	0.66	<0.05	15.0	0.264	2.41	4.9	70	3.1
G0561946		0.021	1.55	146.0	7.6	4	327	692	0.45	0.11	5.3	0.225	3.59	1.2	77	16.9
K974077		0.002	4.86	39.6	10.3	1	5.0	124.0	0.52	0.07	10.8	0.214	2.49	5.5	67	5.4
K974078		<0.002	3.41	27.9	11.1	1	6.3	83.7	0.68	<0.05	13.2	0.229	3.37	5.1	62	5.5
K974090		0.002	4.95	25.0	9.6	1	4.7	54.3	0.44	0.51	12.3	0.173	2.89	6.0	57	6.4
K974091		0.002	10.00	273	5.9	4	10.0	119.5	0.33	1.03	6.7	0.137	2.00	5.6	40	4.6
K974093		<0.002	0.09	35.2	5.1	1	1.5	261	0.82	<0.05	9.9	0.291	1.26	3.7	45	3.6



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**CERTIFICATE OF ANALYSIS    WH12026832**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
		Y	Zn	Zr	Ag	Cu	Pb	Zn
		ppm 0.1	ppm 2	ppm 0.5	ppm 1	% 0.001	% 0.001	% 0.001
L829368		11.0	602	23.4				
K973892		10.9	3520	26.7				
K973970		12.3	836	30.5				
K973971		12.4	9940	25.3				
K973973		14.1	4550	26.7				
G0561945		7.8	>10000	19.5	163	1.285	1.550	9.12
K974054		15.8	202	33.8				
K974055		10.1	>10000	17.7				2.69
K974056		9.4	2480	20.2				
K974057		13.7	645	27.3				
K974059		12.0	2250	25.9				
K974060		10.7	2600	24.1				
K271901		0.9	31	<0.5				
K974061		11.5	1680	25.5				
K974062		11.0	3280	25.9				
K974064		10.5	5140	20.5				
K974065		11.8	1180	23.9				
K974075		8.2	>10000	26.3				1.490
K974076		14.3	733	30.3				
G0561946		11.2	7130	16.1	104			
K974077		9.3	2440	23.5				
K974078		12.0	1820	29.3				
K974090		8.7	1060	24.5				
K974091		6.5	>10000	31.8	109			4.45
K974093		9.9	299	117.0				

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



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**CERTIFICATE OF ANALYSIS WH12026832**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12026833**

Project: Klaza

P.O. No.:

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026833**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K272946		0.41	6.90	32.3	890	1.55	0.22	3.36	0.44	41.1	7.0	9	14.10	36.4	3.10	16.20
K272947		>100	4.49	>10000	960	0.70	129.0	1.43	229	33.1	4.8	11	5.44	1835	9.50	11.55
K272949		5.55	7.07	147.0	1670	1.67	0.91	3.09	8.75	48.0	7.4	18	8.71	32.1	2.69	17.90
K272950		0.96	7.59	95.2	510	1.89	0.67	2.94	3.83	51.7	8.2	25	22.8	27.5	3.71	18.60
G0561947		>100	7.80	48.7	1580	1.27	1.64	2.45	52.1	31.6	13.1	24	2.42	4670	3.94	21.6
K972501		11.45	6.47	6760	980	1.88	4.78	2.80	9.85	56.3	9.0	13	22.8	96.3	4.62	16.80
K972502		>100	3.21	>10000	320	1.24	158.0	2.34	122.0	24.9	4.6	8	10.95	1270	12.45	8.65
K972503		2.45	7.36	307	600	1.45	1.77	1.61	9.10	41.7	6.9	8	11.10	62.2	4.80	16.00
K972504		1.40	7.26	124.0	1010	1.51	1.28	2.57	1.08	43.3	8.3	11	16.40	68.2	3.27	17.80
K972505		97.9	5.26	8880	760	1.04	255	1.36	12.65	25.6	14.2	7	11.70	>10000	13.90	12.25
K974092		0.22	0.08	11	30	0.10	0.55	21.4	0.22	1.69	1.2	<1	0.26	24.2	0.45	0.30
K972507		1.50	7.21	58.4	1350	1.59	1.80	2.41	0.43	42.4	7.6	9	17.70	147.5	3.64	18.00
K972535		14.75	6.69	742	500	1.35	5.96	1.02	10.40	38.9	4.9	7	17.60	89.8	4.07	15.60
K972536		58.0	6.99	2570	1620	1.86	4.50	0.58	67.1	49.3	9.3	7	25.7	469	5.71	18.60
K972538		4.20	7.62	192.5	1630	1.70	0.56	1.97	10.15	39.2	7.7	13	18.20	41.7	3.43	18.55
G0561948		>100	1.42	1070	310	0.35	59.5	1.83	529	12.10	32.9	30	0.76	>10000	17.95	18.50
K972585		0.34	7.39	22.2	1940	1.67	0.47	2.87	0.64	40.0	8.9	12	16.55	11.5	3.32	17.55
K972586		>100	3.23	>10000	760	0.72	216	0.81	354	23.9	18.2	13	9.03	4010	14.65	11.05
K972588		0.65	8.26	46.5	350	2.26	0.47	2.51	0.92	71.6	9.8	35	32.2	17.6	3.91	22.8
K972589		6.04	7.38	182.5	1570	1.74	2.09	2.21	10.35	44.9	9.4	14	27.0	64.6	3.46	18.45



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026833**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K272946		0.17	1.1	0.064	2.93	20.0	30.5	1.11	2430	0.36	0.03	7.3	2.9	570	28.1	117.0
K272947		0.21	0.7	1.145	1.90	16.9	10.9	0.49	14850	9.41	0.01	4.2	2.5	330	>10000	114.0
K272949		0.14	3.3	0.167	0.99	25.8	70.6	1.14	1580	2.72	0.01	10.1	6.7	1000	369	28.6
K272950		0.19	3.0	0.140	2.38	26.6	99.2	1.10	1540	1.35	0.03	10.2	8.3	1240	157.5	80.8
G0561947		0.17	0.6	14.05	2.27	16.1	10.5	0.70	608	41.9	2.59	7.0	12.7	830	9440	70.0
K972501		0.17	1.8	0.135	2.24	31.2	42.6	0.97	2420	5.97	0.02	8.1	5.6	780	744	145.5
K972502		0.27	1.1	1.145	1.11	13.5	18.5	0.80	1880	6.16	0.02	4.2	3.0	360	>10000	71.0
K972503		0.15	1.0	0.163	3.24	22.1	5.7	0.72	4160	1.10	0.02	7.3	2.5	580	464	196.0
K972504		0.15	1.1	0.118	2.46	21.4	55.6	0.89	1460	1.30	0.03	8.2	2.5	630	205	97.2
K972505		0.27	0.7	9.90	1.94	12.7	26.8	0.60	1050	2.84	0.02	5.3	1.8	410	467	102.0
K974092		<0.05	<0.1	0.025	0.04	0.8	1.3	12.95	209	0.25	0.01	0.4	1.8	250	4.8	2.1
K972507		0.16	1.1	0.240	2.96	20.7	38.7	0.76	970	0.75	0.13	8.2	2.5	610	31.4	115.5
K972535		0.15	1.0	0.163	2.27	21.0	76.3	0.20	2150	3.52	0.02	7.1	2.3	470	848	134.5
K972536		0.19	1.0	0.589	2.84	27.5	17.4	0.22	22500	5.36	0.01	7.2	2.5	550	>10000	200
K972538		0.15	1.2	0.116	3.00	18.7	29.9	0.33	2790	1.65	0.74	8.4	2.6	620	668	145.5
G0561948		1.00	0.6	6.95	0.42	7.2	6.4	0.86	410	40.1	0.02	1.8	59.5	400	>10000	17.0
K972585		0.14	1.2	0.057	2.93	19.4	12.6	0.78	951	1.83	1.75	8.7	2.6	610	61.7	118.5
K972586		0.27	0.8	5.65	1.21	13.0	23.5	0.38	22200	11.35	0.02	3.8	2.9	330	>10000	71.0
K972588		0.20	4.4	0.056	2.04	34.8	98.2	1.14	1400	0.84	0.04	13.7	12.8	1940	50.0	59.8
K972589		0.15	1.5	0.191	2.65	22.1	49.7	0.68	3500	5.16	0.02	11.2	4.2	750	541	125.5



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**CERTIFICATE OF ANALYSIS WH12026833**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K272946		<0.002	0.29	13.50	10.7	1	2.1	132.5	0.63	<0.05	9.8	0.254	2.42	4.2	72	1.7
K272947		0.002	8.33	368	6.8	3	10.3	63.2	0.35	1.26	6.8	0.146	1.64	2.2	44	3.3
K272949		0.002	0.44	37.7	7.2	1	1.8	1020	0.77	<0.05	8.0	0.289	1.00	8.7	62	2.7
K272950		0.002	0.33	23.7	9.8	1	3.0	285	0.76	<0.05	7.8	0.380	1.86	3.9	84	3.6
G0561947		0.022	1.58	150.5	7.7	4	337	710	0.45	0.12	5.2	0.229	3.62	1.1	78	17.4
K972501		<0.002	2.30	62.4	10.8	1	6.5	391	0.58	0.09	10.3	0.261	2.08	7.2	65	7.2
K972502		0.002	>10.0	584	3.7	3	8.3	88.2	0.29	1.24	4.3	0.119	1.47	6.6	29	6.0
K972503		<0.002	2.90	21.1	11.8	1	5.3	38.5	0.60	<0.05	10.9	0.258	2.83	5.3	73	4.4
K972504		<0.002	0.31	23.3	12.5	1	2.1	120.0	0.63	<0.05	10.7	0.266	2.09	6.0	79	5.0
K972505		0.002	>10.0	111.0	8.9	2	7.1	59.4	0.44	1.30	7.6	0.174	1.49	5.4	53	2.2
K974092		<0.002	0.03	1.38	0.6	1	<0.2	49.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
K972507		<0.002	0.40	23.0	12.3	1	2.6	113.0	0.68	<0.05	11.7	0.268	1.90	5.2	77	3.3
K972535		<0.002	0.07	166.5	11.0	1	3.4	194.5	0.61	<0.05	11.9	0.230	1.95	4.1	69	6.3
K972536		<0.002	0.18	245	12.0	2	2.2	153.5	0.58	0.15	12.4	0.238	3.37	10.4	69	4.4
K972538		0.002	0.04	23.3	12.8	1	2.6	206	0.70	<0.05	10.7	0.268	2.19	3.1	78	2.9
G0561948		0.034	>10.0	274	3.3	241	113.5	42.3	0.10	0.78	1.1	0.042	35.8	4.0	58	1.9
K972585		<0.002	0.05	6.25	12.1	2	1.7	319	0.69	<0.05	11.0	0.267	1.54	3.7	78	2.6
K972586		0.003	>10.0	1535	4.8	5	17.5	72.2	0.28	1.59	4.7	0.121	1.39	4.8	31	4.0
K972588		<0.002	0.03	37.5	9.7	1	1.4	371	0.88	<0.05	8.0	0.465	1.76	3.0	92	2.8
K972589		<0.002	1.57	36.3	12.3	1	2.4	220	0.69	<0.05	10.8	0.283	2.49	4.7	78	4.5



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Project: Klaza

**Total # Pages: 2 (A - D)**

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Account: ROCKHA

**CERTIFICATE OF ANALYSIS    WH12026833**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
		Y	Zn	Zr	Ag	Cu	Pb	Zn
		ppm 0.1	ppm 2	ppm 0.5	ppm 1	% 0.001	% 0.001	% 0.001
K272946		13.9	87	30.4				
K272947		10.6	>10000	19.7	135		1.225	1.840
K272949		12.4	822	119.0				
K272950		13.4	480	113.5				
G0561947		11.4	7350	16.0	107			
K972501		11.7	888	66.2				
K972502		6.7	>10000	43.5	298		5.33	1.245
K972503		10.5	1060	25.3				
K972504		13.0	143	25.9				
K972505		9.0	1320	16.1		1.035		
K974092		1.0	23	0.7				
K972507		12.6	81	26.4				
K972535		10.5	1100	25.1				
K972536		18.3	4120	25.3			1.535	
K972538		14.0	762	29.7				
G0561948		7.3	>10000	17.3	160	1.270	1.545	9.24
K972585		14.5	165	29.0				
K972586		8.7	>10000	27.6	245		2.73	3.47
K972588		13.7	216	179.0				
K972589		11.4	1080	46.6				

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Project: Klaza

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 8-MAR-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12026833**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Account: ROCKHA

**CERTIFICATE WH12062546**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12062546**

Sample Description	Method Analyte Units LOR	Ag-OG62 Ag ppm 1
K270336		1
K270337		17
K270339		2
K269782		1
K269783		99
K269785		1
K271271		1
K269813		2
K269814		20
K269815		2
K269816		1
K269818		1
K269819		2
K269820		13
G006287		163
K269821		<1
K863103		1
K863105		NSS
K863106		<1
K863144		4
K863145		21
K863147		1
K973006		<1
K973007		NSS
K973009		<1
K973010		3
K973011		1
G006288		102
K973012		2
K973013		35
K973014		<1
K973028		12
K973029		159
K973030		7
K973031		35
K973032		1





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**CERTIFICATE OF ANALYSIS WH12062546**

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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Page: 1  
Finalized Date: 27-MAR-2012  
Account: ROCKHA

**CERTIFICATE WH12062549**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12062549**

Sample Description	Method Analyte Units LOR	Ag-OG62 Ag ppm 1
K270439		22
K270440		1
K973110		<1
K973111		69
K973112		<1
K973113		20
G006291		164
K973115		<1
K973120		1
K973121		6
K973123		<1
K973155		<1
K973156		34
K973157		<1
K973158		1
K973159		49
K973160		2
K973161		12
K272040		<1
K973162		<1
K973164		<1
K973165		8
K973166		<1
K973167		<1
K973168		1
G006292		101
K973169		25
K973171		2
K973172		3
K973173		3
K973174		3
K973175		14
K973176		14
K973178		<1
K973179		<1
K973180		<1



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**CERTIFICATE WH12063510**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
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Signature:

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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12063510**

Sample Description	Method Analyte Units LOR	Ag-OG62	Pb-OG62
		Ag	Pb
		ppm	%
		1	0.001
K974194		<1	0.007
K974195		53	1.790
K974197		1	0.072
K972901		1	0.034
G0557550		102	0.941
K972902		8	0.176
K972904		<1	0.015
K972922		<1	0.014
K972923		5	0.058
K271534		<1	<0.001
K972925		1	0.057
K972943		<1	0.005
K972944		55	0.354
K972946		<1	0.020
K972947		<1	0.009
K972948		30	0.429
K972949		<1	0.012
K972950		4	0.052
K972952		<1	0.003
K972953		75	0.231
K972954		<1	0.003
G0561916		162	1.485
K972960		1	0.033
K972961		16	0.205
K972962		<1	0.018
K972963		8	0.130
K972964		<1	0.003
K972968		<1	0.002
K972969		3	0.077
K972970		<1	0.005
K972971		1	0.003
K972972		5	0.044
K972973		5	0.051
K972975		<1	0.002
K972978		1	0.004
K972979		5	0.107



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**CERTIFICATE WH12063511**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

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Signature:

  
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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12063511**

Sample Description	Method Analyte Units LOR	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	ME-MS61 Cu ppm 0.2
K271046 K271047 K271049 K271052 K271053		274				13.9 3680 8.0 23.7 139.0
K271054 K271097 G006269 K271098 K271100		103 110		1.695	1.820	13.1 7.2 4590 564 80.3
K271101 K271112 K271114 K271115 K271116						26.5 29.7 52.5 22.0 65.4
K271117 K271118 K271007 K271119 K271120		132   155		1.485	1.115	723 17.5 2.3 29.4 343
K271122 K271345 K271346 K271347 K271349					1.155	30.3 20.9 158.0 453 426
K271350 K271351 G006270 K271374 K271375		160	1.275	1.510	9.10	108.0 72.5 >10000 36.8 58.2
K271377 K271386 K271387 K271389 K271390						11.8 32.0 209 223 59.4
K271391						82.5



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**CERTIFICATE OF ANALYSIS WH12063511**

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.





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Finalized Date: 30-MAR-2012  
Account: ROCKHA

**CERTIFICATE WH12063512**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12063512**

Sample Description	Method Analyte Units LOR	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1
K271291						0.99	7.29	18.0	1350	1.84	0.14	3.20	0.59	55.5	5.9	13
K272008						3.84	7.50	302	430	1.48	1.70	1.45	7.09	52.2	8.0	12
K272009				1.755	1.030	73.3	6.39	8400	1380	1.19	0.49	1.64	178.0	37.1	4.7	9
K272010						0.83	7.50	30.0	1580	1.60	0.81	2.33	1.29	51.3	7.0	11
K272026						0.51	7.24	50.3	2190	1.80	0.21	2.66	1.57	54.7	5.0	30
K272027						8.41	6.01	6430	410	1.29	1.00	0.85	43.0	34.7	7.1	11
G006273		160	1.285	1.515	9.24	>100	1.48	1225	140	0.30	62.1	1.87	540	11.15	30.5	33
K272028		146		2.59	3.24	>100	4.48	>10000	750	0.82	14.85	1.08	537	20.8	4.7	7
K272029						2.49	8.20	93.8	390	1.57	0.76	1.96	16.25	50.0	10.0	11
K272031						0.53	8.05	57.5	1410	1.42	0.86	2.36	1.12	52.0	9.5	13
K272032						1.36	7.76	843	1990	1.48	0.27	3.31	2.78	47.2	7.5	13
K272033						0.24	7.38	12.3	2080	1.43	0.20	2.80	0.48	44.5	6.8	13
K272034						0.27	7.56	9.4	2120	1.41	0.37	2.66	2.85	47.7	9.4	10
K272035						7.30	7.33	20.0	1840	1.55	1.69	2.87	16.65	42.9	12.7	11
K272036						9.82	7.23	59.9	350	1.06	4.31	1.49	35.8	20.2	22.3	10
K272037						12.75	7.19	83.6	600	0.98	5.42	0.94	97.8	12.20	28.5	15
K272038						4.16	6.97	12.4	340	1.30	3.56	2.71	3.28	18.05	30.5	8
G006274		102				>100	7.95	54.5	1020	1.30	1.56	2.50	58.6	29.7	13.1	21
K271636						0.30	7.29	17.5	2150	1.41	0.17	2.54	0.38	41.6	5.5	14
K271637						11.55	7.56	1685	1160	1.58	2.46	2.19	29.5	55.9	7.0	11
K271638						0.25	7.08	32.5	960	1.70	0.21	2.85	0.64	52.8	4.9	24
K271639					1.070	52.5	4.94	>10000	710	0.99	3.37	1.91	141.5	29.7	6.6	10
K271641						17.55	7.15	8570	370	1.59	0.32	2.71	92.7	57.4	7.5	15
K271642						1.05	7.14	246	1510	1.47	0.19	2.24	3.17	42.2	5.7	9
K271652						5.73	4.97	746	400	0.67	0.19	2.31	26.5	7.37	5.2	15
K271653						48.9	4.71	3050	140	1.06	3.27	1.97	56.4	21.4	12.4	8
K271655						2.40	7.32	197.0	1660	1.50	0.51	2.20	6.84	47.3	11.1	11
K271113						0.16	0.11	9	30	0.08	0.03	20.7	0.24	1.34	1.8	<1
K271704						0.25	6.94	22.9	1180	1.64	0.14	2.84	0.23	44.1	6.3	9
K271705						6.07	7.16	550	1910	1.72	0.13	2.56	26.8	48.5	7.2	10
K271706						44.2	7.00	2670	610	1.53	1.17	2.39	141.0	42.0	5.9	10
K271716						5.44	7.47	311	2290	1.55	1.05	2.08	11.00	45.9	6.4	10
K271718						1.48	7.06	102.0	1530	1.58	0.54	2.52	2.98	47.6	6.8	10
K271719						13.75	7.23	997	1240	1.52	1.30	1.53	27.9	44.4	7.2	8
K271720						0.33	7.12	25.3	1840	1.48	0.10	2.52	0.42	43.2	8.7	10
K271721						1.85	7.23	130.0	1610	1.49	0.15	2.44	7.22	43.2	7.4	12



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12063512**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01
K271291		21.0	24.1	2.43	19.60	0.15	3.6	0.045	2.53	27.8	39.9	0.84	505	0.98	0.51
K272008		12.60	29.7	4.56	15.90	0.14	1.2	0.115	3.41	27.8	16.7	0.54	1040	0.68	0.06
K272009		11.55	205	4.85	14.10	0.10	0.9	0.605	2.80	18.3	12.4	0.61	2610	0.69	0.03
K272010		16.50	8.6	3.40	16.35	0.12	1.1	0.078	3.41	26.6	33.1	0.69	1540	0.58	0.62
K272026		30.6	13.6	2.19	18.85	0.09	4.0	0.048	2.57	28.0	39.9	0.92	718	2.47	0.06
K272027		13.75	50.7	4.78	14.90	0.06	1.2	0.455	2.50	17.2	29.9	0.41	632	10.60	0.02
G006273		0.68	>10000	18.75	17.15	1.00	0.6	6.87	0.43	6.0	7.8	0.89	411	36.3	0.02
K272028		5.69	1315	10.55	12.75	0.18	0.8	11.60	2.00	10.0	11.2	0.29	10100	1.20	0.02
K272029		15.50	14.6	4.17	17.80	0.08	1.0	0.077	3.49	24.9	27.1	0.81	1630	0.58	0.07
K272031		12.45	6.4	3.69	17.90	0.10	1.3	0.064	2.78	24.7	29.9	0.92	578	1.63	0.70
K272032		13.90	16.3	3.33	17.25	0.12	1.2	0.061	2.58	22.8	26.1	0.84	697	0.60	1.93
K272033		13.15	9.5	3.03	16.15	0.11	1.1	0.042	2.52	21.3	18.5	0.79	737	0.49	2.32
K272034		16.75	9.0	2.83	17.30	0.13	1.1	0.069	2.36	24.2	75.0	0.72	557	1.14	1.48
K272035		11.70	71.5	3.54	17.00	0.14	1.0	0.127	2.72	21.1	14.2	0.85	1380	0.85	1.10
K272036		4.66	53.0	5.85	13.85	0.12	1.2	0.444	3.36	6.9	5.6	0.76	1780	4.32	0.04
K272037		6.59	107.0	7.38	13.90	0.13	2.0	0.540	3.25	4.0	5.3	0.77	1920	0.99	0.04
K272038		4.81	9.8	5.00	14.70	0.15	0.8	0.253	3.29	6.7	4.4	0.84	2590	1.41	0.05
G006274		2.53	4840	4.19	21.8	0.11	0.5	13.80	2.31	14.4	11.4	0.71	626	37.3	2.68
K271636		12.40	6.4	3.02	15.50	0.13	1.1	0.051	2.98	20.9	9.1	0.67	634	1.06	1.89
K271637		25.5	70.5	3.60	17.25	0.13	1.5	0.282	3.12	29.3	41.6	0.68	1830	2.43	0.08
K271638		34.6	10.6	2.37	17.90	0.17	2.9	0.033	2.40	26.6	100.0	0.88	665	0.69	0.07
K271639		8.83	218	9.02	13.60	0.20	0.8	0.881	2.09	14.4	21.3	0.62	5090	3.93	0.02
K271641		19.05	70.8	4.43	17.70	0.11	2.5	0.519	2.19	28.9	128.5	0.92	2190	3.81	0.03
K271642		19.25	12.8	3.05	16.70	0.10	1.2	0.082	3.14	20.0	41.4	0.62	1300	1.09	0.44
K271652		3.92	18.3	4.33	18.20	0.05	0.7	0.315	1.35	3.1	14.4	0.96	1600	8.17	0.20
K271653		15.20	165.5	4.50	11.05	0.05	0.7	0.560	1.92	10.2	27.1	0.66	3010	38.0	0.05
K271655		10.50	13.4	3.29	17.00	0.18	1.1	0.080	3.26	24.3	29.1	0.72	1660	2.33	0.28
K271113		0.23	3.5	0.46	0.51	0.14	<0.1	0.006	0.04	0.7	1.5	12.30	218	0.27	0.01
K271704		19.90	6.4	2.49	19.85	0.17	3.5	0.032	2.51	21.8	38.2	0.89	689	1.53	0.04
K271705		21.2	31.3	2.43	19.40	0.24	3.3	0.328	2.41	23.9	31.3	0.79	626	2.31	0.05
K271706		19.80	169.5	3.41	16.20	0.21	1.3	1.205	3.16	21.3	39.4	0.54	608	1.91	0.73
K271716		19.85	34.9	2.65	17.55	0.22	1.2	0.230	2.36	22.8	55.6	0.59	695	4.37	0.09
K271718		21.5	11.7	2.82	17.05	0.24	1.1	0.104	2.23	23.7	102.0	0.79	1040	1.50	0.08
K271719		30.5	69.0	3.94	16.15	0.23	1.3	0.365	2.66	22.8	40.7	0.57	877	5.76	0.02
K271720		19.55	8.8	2.83	16.90	0.24	1.1	0.049	2.41	21.5	48.2	0.67	708	1.78	0.61
K271721		18.00	30.2	2.72	17.30	0.19	1.1	0.069	2.33	20.8	50.2	0.61	1400	1.63	0.08



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12063512**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2
K271291		5.1	1020	27.1	71.8	0.003	0.04	10.70	4.8	1	1.7	493	0.77	<0.05	9.3
K272008		2.7	570	1065	183.0	<0.002	3.45	10.50	10.2	<1	5.5	80.7	0.60	0.28	13.2
K272009		2.0	450	>10000	148.5	<0.002	4.19	98.3	8.0	1	5.6	73.5	0.47	0.11	10.3
K272010		2.2	570	74.3	169.0	<0.002	1.22	6.97	10.2	1	2.8	198.0	0.62	0.36	15.3
K272026		19.6	620	76.2	86.5	<0.002	0.19	16.10	5.8	<1	1.7	451	0.72	<0.05	10.5
K272027		5.3	440	2210	143.5	<0.002	4.15	57.7	7.9	<1	6.3	117.5	0.48	0.13	10.0
G006273		63.0	410	>10000	13.9	0.035	>10.0	278	3.1	241	107.5	38.3	0.09	0.83	1.1
K272028		1.7	320	>10000	113.0	<0.002	8.74	334	5.7	4	12.0	42.9	0.32	0.16	6.4
K272029		2.4	640	540	169.5	<0.002	2.67	12.60	11.5	<1	3.3	121.0	0.58	0.22	9.8
K272031		2.4	700	56.2	102.5	<0.002	1.67	6.83	12.7	1	2.9	232	0.73	0.29	12.4
K272032		2.7	660	217	93.5	<0.002	0.46	8.67	11.6	<1	2.3	389	0.66	0.08	12.8
K272033		2.5	640	39.9	88.6	<0.002	0.18	1.97	10.0	1	2.2	388	0.65	<0.05	11.9
K272034		2.3	630	28.1	103.5	0.002	0.64	9.13	10.7	2	2.2	342	0.65	0.13	13.1
K272035		2.5	650	1090	137.0	<0.002	1.44	14.70	10.8	2	2.7	253	0.61	0.29	12.1
K272036		4.5	600	1465	200	<0.002	4.37	5.65	8.9	1	4.5	31.2	0.41	1.20	11.4
K272037		4.4	610	2650	190.0	<0.002	4.89	8.62	10.3	1	5.8	30.9	0.36	1.52	10.4
K272038		3.3	520	244	196.5	0.002	3.61	3.70	9.0	<1	2.8	46.2	0.50	0.89	12.8
G006274		12.2	860	9610	61.4	0.019	1.67	154.5	7.4	4	332	699	0.40	0.13	4.9
K271636		2.5	590	29.4	118.0	<0.002	0.08	4.04	9.3	1	1.9	336	0.69	<0.05	12.7
K271637		3.5	630	1450	145.5	<0.002	1.48	32.4	9.5	<1	3.2	271	0.65	0.14	12.4
K271638		12.5	740	30.7	87.5	0.004	0.07	11.50	5.8	2	1.8	468	0.69	<0.05	10.7
K271639		2.1	360	6460	102.0	<0.002	7.54	194.0	6.6	1	18.3	66.6	0.41	0.19	7.7
K271641		5.9	860	2100	107.5	<0.002	2.27	70.0	7.9	1	6.3	224	0.62	0.07	9.8
K271642		2.2	590	153.0	111.5	<0.002	0.29	13.20	10.0	<1	3.0	159.0	0.67	<0.05	11.9
K271652		1.5	360	845	84.3	<0.002	2.04	29.1	11.1	<1	2.9	128.0	0.37	0.10	9.8
K271653		2.5	350	1505	100.5	0.004	3.32	165.5	6.5	<1	3.1	74.8	0.38	0.26	7.7
K271655		2.5	560	94.1	147.0	<0.002	1.47	13.60	11.8	<1	3.2	101.0	0.67	0.20	11.3
K271113		<0.2	220	6.2	1.6	<0.002	0.02	0.61	0.4	<1	<0.2	38.6	<0.05	<0.05	<0.2
K271704		3.3	700	18.8	108.5	<0.002	0.17	25.8	7.9	<1	1.3	314	0.76	<0.05	8.1
K271705		3.7	700	843	117.5	<0.002	0.53	30.1	8.6	<1	1.8	292	0.78	<0.05	9.0
K271706		2.1	510	6230	139.5	<0.002	1.54	45.4	9.9	1	3.2	217	0.63	0.19	11.3
K271716		2.4	580	553	93.0	<0.002	0.46	20.4	11.3	<1	2.3	130.0	0.68	0.43	12.2
K271718		2.3	540	170.0	95.5	<0.002	0.21	15.80	11.2	<1	1.7	149.0	0.63	0.15	12.6
K271719		2.4	510	1600	150.5	<0.002	3.30	45.5	9.7	<1	2.7	122.5	0.64	0.32	11.1
K271720		2.3	560	23.1	102.5	<0.002	0.12	7.55	11.1	<1	1.7	191.0	0.65	<0.05	11.6
K271721		2.6	580	145.5	92.8	<0.002	0.39	14.00	10.5	<1	2.0	143.0	0.67	<0.05	11.1



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**CERTIFICATE OF ANALYSIS WH12063512**

Sample Description	Method Analyte Units LOR	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
K271291		1.04	4.6	52	1.4	8.7	151	133.5
K272008		2.80	4.5	64	3.4	12.1	620	31.2
K272009		2.85	3.6	53	4.7	9.6	>10000	25.3
K272010		2.32	4.7	65	2.5	15.6	116	37.3
K272026		1.90	6.7	50	1.5	11.6	149	156.5
K272027		2.42	6.3	52	5.0	7.7	2720	39.1
G006273		36.5	4.1	61	1.7	7.1	>10000	17.6
K272028		2.08	4.1	38	4.2	7.4	>10000	21.0
K272029		2.93	4.1	73	4.7	14.5	1020	27.7
K272031		1.67	4.4	82	6.0	17.1	107	33.4
K272032		1.24	4.4	78	1.8	17.0	228	33.9
K272033		1.13	3.6	74	1.6	15.6	66	28.2
K272034		1.19	4.3	74	2.3	15.7	273	31.1
K272035		2.14	4.0	74	4.7	14.4	1010	30.1
K272036		2.65	5.1	58	14.2	7.3	3130	37.5
K272037		2.81	5.1	68	8.8	6.5	8530	67.3
K272038		2.59	4.8	58	3.6	10.6	291	24.2
G006274		3.64	1.1	80	18.1	11.0	7360	15.2
K271636		1.58	3.9	68	1.6	14.4	65	32.2
K271637		2.48	4.5	65	2.9	13.8	2230	46.7
K271638		1.60	3.9	50	2.2	11.3	97	105.5
K271639		1.96	2.3	42	3.9	8.4	>10000	22.3
K271641		2.19	4.3	60	3.4	12.3	5330	97.6
K271642		2.30	3.2	68	2.6	14.6	252	33.4
K271652		1.10	3.3	123	2.8	5.9	2480	20.6
K271653		1.68	6.8	45	2.9	8.3	4710	20.4
K271655		2.27	4.3	72	4.8	14.2	667	28.2
K271113		0.02	0.5	3	0.1	0.8	28	<0.5
K271704		3.03	5.3	67	5.7	14.1	82	126.5
K271705		4.03	6.1	67	6.3	13.9	1660	114.5
K271706		2.07	5.5	60	3.1	13.6	8520	36.2
K271716		1.63	3.6	70	4.0	15.4	745	32.8
K271718		1.81	4.2	68	5.1	16.7	209	28.4
K271719		3.39	5.0	63	5.8	13.4	1850	34.5
K271720		1.94	3.5	67	2.9	15.0	60	29.3
K271721		2.41	3.2	70	3.6	14.8	428	29.7



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**CERTIFICATE OF ANALYSIS WH12063512**

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.



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**CERTIFICATE WH12063513**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

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**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12063513**

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Pb ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
L829055		291	647				1.420
L829056		12.9	23.4				
L829063		80.4	1720				
L829064		3660	890	117			
L829065		132.5	402				
L829078		35.2	86.5				
L829079		308	1105				
G0561933		>10000	>10000	159	1.255	1.480	9.32
L829081		72.2	99.8				
L829082		1950	1270				
L829083		9.4	26.7				
L829102		11.9	21.2				
L829103		63.9	410				
L829104		5.5	39.6				
L829109		15.7	398				
L829110		170.0	1310				
L829112		10.4	49.1				
L829153		36.0	540				
L829154		2570	1960				
L829155		125.5	336				
G0561934		4740	9590	101			
L829156		44.8	178.0				
L829158		45.8	599				
L829159		74.6	1000				
L829160		94.0	1110				
L829161		6.6	249				
L829162		8.2	202				
L829163		7.8	169.0				
L829164		5.7	130.5				
L829165		20.6	424				
L829166		4.1	19.4				
L829167		12.9	27.8				
K272390		1.7	2.3				
L829168		25.0	26.7				
L829169		102.0	438				
L829171		5.0	8.0				





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Project: Klaza

Page: Appendix 1  
Total # Appendix Pages: 1  
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**CERTIFICATE OF ANALYSIS WH12063513**

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.



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**CERTIFICATE WH12063514**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
----------	-------------

WEI-25	Wt. of Crushed Reject
SPL-21	Split sample - riffle splitter
FND-03	Find Reject for Addn Analysis
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION
----------	-------------

ME-MS61	48 element four acid ICP-MS
---------	-----------------------------

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 Finalized Date: 13-APR-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12063514**

Sample Description	Method Analyte Units LOR	WEI-25	ME-MS61
		Reject W kg 0.001	Ag ppm 0.01
K271373		5.49	0.59
K271374		6.11	0.84
K271375		6.60	37.1
K271376		2.09	0.06
K271377		5.83	0.49
K271378		2.51	5.91
K271379		6.38	1.37
K271380		9.35	4.64
K271381		<0.001	NSS
K271382		7.85	0.17
K271383		7.74	0.11
K271384		7.67	0.07
K271385		9.26	0.13
K271386		4.69	6.50
K271387		5.52	33.5
K271388		0.080	0.06
K271389		2.98	13.25
K271390		4.10	3.86
K271391		7.48	10.05
K271392		3.87	0.19
K271393		6.45	7.12
K271394		5.91	1.37
K271395		1.620	8.17
K271396		10.25	0.28
K271397		4.67	0.28
K271398		8.79	0.30
K271399		9.41	3.14
K271400		8.91	1.95
K271401		6.34	16.45
K271402		<0.001	NSS
K271403		11.90	7.58
K271404		4.85	0.74
K271405		5.23	4.62
K271406		8.43	0.75
K271407		9.34	1.86
K271408		8.46	0.93



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**CERTIFICATE OF ANALYSIS WH12063514**

Method	CERTIFICATE COMMENTS
ALL METHODS ME-MS61	NSS is non-sufficient sample. REE's may not be totally soluble in this method.



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Page: 1  
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Account: ROCKHA

**CERTIFICATE WH12063517**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
LOG-22	Sample login - Rcd w/o BarCode
SPL-21	Split sample - riffle splitter
WEI-25	Wt. of Crushed Reject
FND-03	Find Reject for Addn Analysis
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE

To: ROCKHAVEN RESOURCES LTD.  
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\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 Finalized Date: 5-APR-2012  
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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12063517**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	WEI-25 Reject W kg 0.001
K271073		22.4				3.51
K271074		0.22				1.080
K271075		4.30				6.17
K271076		12.50				3.97
K271077		1.81				10.60
K271078		0.23				9.32
K271079		0.98				8.37
K271080		7.35				5.69
K271081		0.36				7.25
K271082		NSS				<0.001
K271083		0.15				5.10
K271084		0.82				4.15
K271085		0.15				6.51
K271086		0.80				5.39
K271087		1.59				12.15
K271088		1.00				6.38
K271089		3.44				4.63
K271090		0.37				6.81
K271091		0.09				11.15
K271092		0.05				11.50
K271093		0.03				11.10
K271094		0.32				4.98
K271095		3.63				8.30
K271096		10.10				4.42
K271097		0.26				2.79
K271098		>100	106	1.575	1.655	2.23
K271099		0.17				2.40
K271100		26.9				5.23
K271101		2.14				3.07
K271102		0.35				9.43
K271103		NSS				<0.001
K271104		0.38				5.23
K271105		15.45				7.81
K271106		0.24				5.18
K271107		0.90				7.45
K271108		0.05				8.38



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Project: Klaza

Page: Appendix 1  
Total # Appendix Pages: 1  
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**CERTIFICATE OF ANALYSIS WH12063517**

Method	CERTIFICATE COMMENTS
ALL METHODS ME-MS61	NSS is non-sufficient sample. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12063518**

Project: Klaza-DDH-23

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-MAR-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
LOG-22	Sample login - Rcd w/o BarCode
WEI-25	Wt. of Crushed Reject
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample - riffle splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager





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Project: Klaza-DDH-23

**CERTIFICATE OF ANALYSIS WH12063518**

Sample Description	Method Analyte Units LOR	WEI-25 Reject W kg 0.001	ME-MS61 Ag ppm 0.01	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K272419		3.89	2.59				
K272420		4.14	77.9				
K272422		3.11	>100	223		3.55	
K272423		5.64	1.89				
K272478		3.60	8.51				
K272479		1.650	>100	225		1.655	4.71
K272481		0.820	0.82				
K271423		1.730	0.30				
K272521		2.78	0.24				
K272522		2.01	20.7				
K272523		1.690	0.73				
K272524		1.380	0.48				
K272525		0.830	18.55				
K272526		4.26	0.61				
K272527		6.74	0.47				
K272528		5.96	0.18				
G0557546			95.8				
K272529		1.790	71.1				2.16
K272530		1.870	8.85				
K272531		2.31	13.15				
K272533		1.010	0.12				
K272607		3.34	1.08				
K272608		3.94	26.6				
K272610		3.66	0.60				
K272664		3.50	0.29				
K272665		2.42	20.9				
K272666		2.02	0.27				
K270108		2.60	1.28				
K270109		2.34	24.3				
K270110		2.58	>100	689		2.37	1.085
G0557547			>100	165	1.315	1.565	9.33
K270112		2.91	>100	201		2.45	1.890
K270113		3.76	10.75				
K270114		1.870	2.40				
K270115		4.01	49.3				
K270117		4.76	0.48				



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Project: Klaza-DDH-23

Page: Appendix 1  
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**CERTIFICATE OF ANALYSIS WH12063518**

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.



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Page: 1  
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**CERTIFICATE WH12133934**

Project: Klaza - 64

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza - 64

**CERTIFICATE OF ANALYSIS WH12133934**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828001		4.93	0.033	2.11	7.00	107.5	900	1.60	0.65	2.22	18.60	32.6	3.4	10	8.52	63.2
N828002		11.57	0.062	0.76	6.45	43.4	720	1.32	0.53	2.37	12.10	29.0	6.2	13	6.35	11.1
N828003		13.12	0.049	0.83	7.02	40.8	560	1.25	0.67	1.64	12.90	30.4	5.0	9	8.48	20.6
N828004		7.40	0.035	2.50	6.33	68.2	420	1.29	2.64	2.73	9.16	20.4	10.7	13	7.49	76.3
N828005		0.31	2.16	25.0	6.14	3450	870	1.20	18.15	2.26	75.1	41.6	11.4	19	15.40	442
N828006		5.44	0.006	0.67	6.07	17.1	340	1.25	0.77	3.28	0.26	20.5	12.8	12	7.74	40.9
N828007		7.11	0.006	0.64	6.47	12.2	420	1.62	0.58	4.04	0.58	19.05	9.1	11	9.40	10.9
N828008		3.08	0.006	0.72	6.62	12.5	430	1.64	0.61	4.17	2.56	18.40	8.7	10	9.47	15.8
N828009		5.27	0.018	0.80	6.58	12.9	620	1.41	0.79	3.62	0.45	20.9	11.3	11	15.90	23.3
N828010		10.19	0.007	0.84	7.23	19.4	710	1.83	0.62	4.43	0.28	20.0	3.2	9	13.35	112.0
N828011		11.11	<0.005	0.62	7.24	15.9	260	1.58	0.47	3.79	0.10	22.8	3.3	10	14.75	142.5
N828012		11.67	<0.005	0.38	7.12	12.2	310	1.55	0.41	4.20	0.19	24.2	4.7	11	14.05	42.9
N828013		0.31	4.42	>100	5.62	7940	330	0.99	50.9	1.97	227	30.7	9.3	18	11.60	1260
N828014		10.78	<0.005	0.26	7.43	13.7	270	1.43	0.45	4.08	0.22	32.1	2.1	13	13.45	13.8
N828015		4.50	0.005	0.27	7.32	18.6	500	1.49	0.43	4.68	0.74	31.2	1.7	10	12.70	6.4
N828016		2.80	0.083	2.40	7.11	62.0	920	1.31	0.65	4.11	35.3	34.6	3.7	8	13.60	44.6
N828017		3.91	<0.005	0.02	0.08	5	20	0.05	0.02	21.4	0.10	1.24	1.4	2	0.27	2.3
N828018		2.97	<0.005	0.09	7.33	10.2	440	1.44	0.25	3.74	0.18	29.6	1.3	10	11.10	4.6
N828019		9.10	<0.005	0.37	7.48	10.8	450	1.46	0.53	4.38	0.40	29.2	1.4	11	11.30	20.8
N828020		11.04	0.124	0.30	7.80	9.5	430	1.44	0.27	3.71	0.24	36.3	1.9	13	12.25	33.5
N828021		4.32	0.015	0.97	7.35	43.4	1600	1.38	0.61	2.82	6.31	41.1	5.0	10	12.55	52.0
N828022		3.77	0.341	4.83	6.82	1160	580	1.29	7.39	1.51	12.20	68.0	7.0	9	13.25	107.0
N828023		2.94	0.032	0.85	7.97	93.6	1310	1.95	1.07	2.96	0.98	71.3	8.5	23	29.5	21.4
N828024		4.02	0.735	5.76	7.52	214	740	1.61	4.90	1.73	52.8	39.2	3.4	9	18.80	109.0
N828025		1.67	<0.005	0.02	0.09	<5	20	<0.05	0.03	21.7	0.14	1.29	1.3	1	0.27	1.8
N828026		3.78	0.174	1.47	7.40	33.2	610	1.42	1.72	3.34	5.70	39.1	2.0	10	18.20	23.8
N828027		6.97	0.047	2.09	7.52	120.0	1370	1.34	1.64	2.45	21.7	50.5	5.5	10	21.2	41.9
N828028		4.00	2.37	28.3	6.67	1270	430	1.38	12.45	1.51	255	44.7	5.2	8	14.75	787
N828029		3.82	0.025	1.17	7.84	100.0	1890	1.58	0.41	1.97	11.70	50.3	6.3	11	13.90	17.7
N828030		4.70	<0.005	0.16	8.16	6.8	2420	1.53	0.16	2.80	0.41	48.4	6.1	11	12.90	10.7
N828031		2.37	<0.005	0.11	7.65	6.6	2070	1.55	0.22	2.97	0.18	40.5	5.1	9	12.60	10.7
N828032		3.97	0.354	6.14	7.19	2250	780	1.44	3.69	2.04	46.9	64.4	4.7	8	14.00	132.0
N828033		2.25	<0.005	0.03	0.09	<5	20	0.06	0.02	21.5	0.12	1.11	1.2	<1	0.13	2.0
N828034		4.30	<0.005	0.13	7.12	15.7	1200	1.35	0.19	2.95	0.23	38.1	6.1	10	8.69	2.1
N828035		<0.02	<0.005	0.11	7.44	13.5	1200	1.40	0.17	2.94	0.18	44.8	6.0	9	8.90	3.8
N828036		3.83	<0.005	0.09	7.59	7.1	1820	1.36	0.13	3.04	0.32	41.1	5.7	9	6.92	1.6



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Finalized Date: 25-JUN-2012  
Account: ROCKHA

Project: Klaza - 64

**CERTIFICATE OF ANALYSIS WH12133934**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828001		2.51	17.00	0.16	0.9	0.440	2.46	14.1	45.8	0.62	1220	5.86	0.21	7.3	2.7	550
N828002		1.74	17.80	0.13	0.9	0.489	2.19	11.1	32.1	0.55	809	9.79	0.15	5.7	3.7	440
N828003		2.08	15.60	0.08	0.9	0.398	2.66	11.2	30.6	0.42	1070	2.11	0.11	6.3	3.2	520
N828004		2.54	15.55	0.14	0.8	0.386	2.28	6.7	24.3	0.47	1040	31.3	0.14	6.4	9.0	480
N828005		6.89	14.15	0.21	0.9	1.755	2.63	24.9	22.2	0.92	1900	12.95	0.04	6.0	16.0	450
N828006		2.47	14.65	0.13	0.7	0.133	1.44	7.5	17.8	0.59	786	19.95	0.26	5.3	10.5	400
N828007		2.07	17.00	0.12	0.8	0.129	2.14	6.6	13.1	0.34	1140	5.61	0.40	7.3	7.9	580
N828008		2.17	17.70	0.13	0.9	0.171	2.25	6.2	13.0	0.36	1240	11.70	0.43	7.2	7.9	550
N828009		2.35	15.65	0.12	0.8	0.239	1.92	8.3	15.9	0.84	973	12.35	0.26	5.7	10.1	580
N828010		2.51	17.45	0.13	1.2	0.283	1.65	6.8	19.6	0.60	1160	72.9	0.45	6.5	4.2	640
N828011		1.91	16.50	0.14	0.9	0.246	0.75	8.5	16.6	0.84	775	3.42	1.20	7.1	5.8	560
N828012		1.57	17.00	0.12	0.8	0.153	0.89	8.4	22.0	0.87	751	12.60	1.12	7.2	7.8	550
N828013		8.12	12.35	0.19	1.0	4.58	2.25	17.4	28.4	0.63	3060	14.50	0.08	5.3	13.8	460
N828014		1.08	18.15	0.11	1.0	0.088	0.48	12.4	20.7	0.82	551	0.89	2.60	8.4	2.7	600
N828015		1.33	17.80	0.13	1.0	0.145	1.33	11.7	25.4	0.73	1400	2.75	1.74	8.3	1.9	610
N828016		2.51	16.45	0.15	0.9	1.565	2.15	14.9	22.0	0.75	2520	1.53	0.56	7.3	2.7	530
N828017		0.48	0.27	0.07	<0.1	0.006	0.03	0.6	1.0	13.35	215	0.14	0.01	0.3	2.2	200
N828018		1.32	18.10	0.09	1.2	0.176	0.75	13.2	11.5	0.59	510	0.32	2.92	9.1	2.8	660
N828019		1.40	17.15	0.12	0.8	0.147	1.38	11.3	10.1	0.66	864	0.32	1.89	7.4	1.5	560
N828020		2.18	18.00	0.13	0.9	0.284	0.89	16.3	13.2	0.87	647	0.43	2.91	8.1	2.0	670
N828021		3.34	15.80	0.15	0.9	0.403	2.69	22.4	11.0	0.79	1480	2.81	1.52	7.4	2.4	610
N828022		7.78	16.30	0.20	0.7	0.839	3.03	42.1	12.7	0.72	2570	1.43	0.06	6.2	2.2	520
N828023		3.78	20.2	0.17	4.1	0.075	2.19	37.6	29.7	0.88	744	2.84	0.66	11.7	9.3	1440
N828024		4.65	17.15	0.17	1.0	1.565	3.22	18.5	9.2	0.81	2700	1.28	0.04	7.4	2.2	580
N828025		0.48	0.30	0.06	<0.1	0.006	0.03	0.6	0.8	13.55	221	0.12	0.01	0.3	1.7	170
N828026		2.22	17.05	0.11	1.0	0.246	2.21	18.9	42.2	0.79	929	0.39	0.18	7.9	1.8	590
N828027		3.30	16.65	0.16	1.1	0.460	2.73	29.3	47.2	0.91	1160	2.22	0.07	7.5	2.2	560
N828028		5.52	13.90	0.15	1.0	5.58	2.88	26.2	9.5	0.70	2640	1.45	0.03	6.2	2.1	480
N828029		3.44	16.80	0.16	1.3	0.362	2.88	29.9	14.9	0.68	1040	1.96	1.40	8.2	2.4	550
N828030		3.12	16.55	0.11	1.4	0.045	2.85	24.0	9.9	0.79	615	3.02	2.29	8.4	3.0	590
N828031		2.96	16.40	0.10	1.2	0.054	2.63	19.6	8.6	0.68	561	5.57	2.12	8.1	2.6	570
N828032		4.38	15.05	0.13	1.3	0.993	2.78	35.4	36.3	0.57	1350	3.14	0.13	6.9	2.1	430
N828033		0.50	0.22	<0.05	<0.1	0.005	0.02	0.5	1.0	13.50	229	0.11	0.01	0.3	1.6	170
N828034		2.11	16.35	0.09	1.1	0.048	2.62	17.5	27.9	0.66	695	2.47	0.09	6.4	3.0	520
N828035		2.13	16.30	0.11	1.1	0.045	2.58	21.5	27.2	0.68	690	4.73	0.09	6.2	2.9	540
N828036		1.83	16.60	0.11	1.1	0.049	2.45	20.0	24.7	0.76	723	4.16	0.10	6.6	2.2	590



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**CERTIFICATE OF ANALYSIS WH12133934**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828001		581	145.5	0.005	0.34	14.15	10.1	1	2.7	95.5	0.63	0.06	13.1	0.216	2.45	3.7
N828002		156.0	148.0	0.010	0.28	7.64	8.6	1	2.0	84.6	0.55	<0.05	11.8	0.171	2.18	3.7
N828003		240	140.5	0.002	0.40	14.90	9.0	1	2.2	71.3	0.64	0.05	13.4	0.206	2.72	2.8
N828004		164.5	112.0	0.041	1.10	25.3	9.1	1	2.6	103.5	0.56	0.21	11.0	0.196	2.41	4.0
N828005		2830	155.5	0.002	4.95	84.9	8.2	1	7.3	87.9	0.53	0.36	11.3	0.183	2.35	5.4
N828006		25.7	92.1	0.030	0.82	8.96	8.1	1	2.5	104.5	0.48	0.17	11.8	0.167	1.38	4.9
N828007		52.6	93.3	0.010	0.59	4.35	9.1	1	3.3	117.5	0.62	0.14	9.9	0.223	2.20	3.7
N828008		144.0	91.8	0.022	0.61	4.16	9.0	1	3.6	121.5	0.63	0.13	10.2	0.227	2.41	4.1
N828009		53.8	106.5	0.019	0.68	7.22	9.2	1	3.6	160.5	0.52	0.15	10.9	0.181	1.86	3.1
N828010		28.2	87.7	0.031	0.30	9.27	11.6	1	3.5	138.5	0.56	0.15	11.8	0.226	1.77	3.2
N828011		13.0	49.1	0.003	0.24	7.97	10.6	1	3.0	208	0.63	0.08	14.0	0.210	0.88	3.4
N828012		15.0	53.2	0.016	0.31	5.51	10.7	1	2.6	206	0.63	0.07	13.9	0.210	1.03	3.2
N828013		9500	123.5	0.002	7.16	209	7.1	2	7.7	114.0	0.47	0.40	8.9	0.183	2.12	5.1
N828014		17.8	25.9	<0.002	0.06	3.15	10.9	1	1.8	353	0.73	<0.05	14.2	0.254	0.48	2.8
N828015		51.4	64.1	0.003	0.08	4.37	10.4	1	2.0	282	0.77	<0.05	12.8	0.249	1.46	4.2
N828016		451	115.0	<0.002	0.89	9.69	9.9	1	2.5	141.5	0.63	<0.05	13.4	0.220	2.27	3.9
N828017		2.9	1.8	<0.002	0.03	0.06	0.2	1	<0.2	41.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N828018		14.7	33.1	<0.002	0.01	3.23	10.5	1	2.6	376	0.82	<0.05	11.2	0.276	0.88	3.4
N828019		32.0	69.5	<0.002	0.08	3.37	10.2	1	2.4	292	0.60	<0.05	9.8	0.245	1.41	3.0
N828020		17.9	53.4	<0.002	0.04	3.77	11.3	1	3.2	396	0.64	<0.05	10.8	0.268	0.98	3.4
N828021		194.0	114.0	<0.002	0.38	4.76	9.9	1	2.8	267	0.64	0.06	10.5	0.250	1.93	4.0
N828022		337	191.0	0.002	5.14	10.55	9.8	1	5.0	44.6	0.50	0.24	11.1	0.202	2.81	4.0
N828023		45.8	83.0	<0.002	0.85	10.30	7.0	1	1.7	441	0.78	0.05	9.9	0.370	1.20	4.7
N828024		1100	213	<0.002	2.51	10.05	11.6	1	7.0	73.2	0.65	0.05	13.3	0.246	3.22	4.7
N828025		3.5	1.9	<0.002	0.03	0.07	0.2	1	<0.2	43.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N828026		273	93.7	<0.002	0.27	8.86	9.8	1	3.0	111.0	0.76	<0.05	12.2	0.250	1.89	5.4
N828027		492	144.0	<0.002	0.71	9.34	10.3	1	2.9	110.5	0.70	<0.05	14.2	0.240	2.14	5.0
N828028		2290	173.5	<0.002	3.90	39.5	8.9	2	5.1	53.2	0.63	0.06	12.5	0.200	2.81	5.5
N828029		302	141.0	<0.002	0.51	5.17	10.9	1	2.5	231	0.80	<0.05	15.2	0.248	1.53	4.8
N828030		26.4	111.0	<0.002	0.04	2.65	10.8	1	1.8	361	0.76	<0.05	12.9	0.268	1.23	4.0
N828031		20.1	107.5	<0.002	0.06	3.06	9.9	1	1.7	346	0.73	<0.05	11.4	0.252	1.33	3.6
N828032		1780	164.5	<0.002	2.68	18.95	8.7	1	3.7	84.3	0.72	0.12	19.9	0.193	2.49	5.9
N828033		6.9	1.2	<0.002	0.03	0.06	0.2	1	<0.2	40.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N828034		10.9	119.0	<0.002	0.29	8.07	9.4	1	1.7	84.7	0.57	<0.05	10.8	0.216	2.12	3.8
N828035		8.2	129.0	<0.002	0.28	8.11	10.0	1	1.7	85.1	0.57	<0.05	12.7	0.215	2.07	4.1
N828036		9.5	103.0	<0.002	0.13	9.24	9.6	1	1.5	72.2	0.59	<0.05	12.6	0.213	1.79	4.2



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**CERTIFICATE OF ANALYSIS WH12133934**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828001		69	2.4	11.7	1350	25.8		
N828002		91	1.8	9.2	781	23.2		
N828003		66	2.5	9.1	1180	23.4		
N828004		67	2.6	9.2	996	23.2		
N828005		56	5.3	9.4	5310	26.1		
N828006		62	1.6	11.4	69	20.5		
N828007		64	1.8	10.2	102	25.4		
N828008		68	1.9	9.8	327	26.3		
N828009		70	3.8	11.7	80	23.6		
N828010		68	2.3	15.0	88	39.4		
N828011		54	1.0	16.3	54	25.6		
N828012		65	1.3	17.6	52	24.0		
N828013		52	4.4	8.5	>10000	30.5	112	1.590
N828014		70	0.6	15.9	54	29.4		
N828015		67	0.9	14.8	93	28.0		
N828016		60	1.3	12.8	2520	26.5		
N828017		<1	0.1	0.8	22	<0.5		
N828018		75	0.8	14.4	51	32.8		
N828019		62	1.4	13.8	74	24.6		
N828020		76	2.2	15.9	70	25.1		
N828021		71	1.9	12.9	560	24.6		
N828022		55	5.2	10.7	1160	20.5		
N828023		68	1.1	11.2	131	173.5		
N828024		66	4.3	11.4	3910	27.9		
N828025		1	0.1	0.7	23	0.7		
N828026		68	2.0	13.5	421	27.5		
N828027		64	3.5	13.4	1520	30.0		
N828028		54	3.8	10.9	>10000	25.0		1.705
N828029		66	2.4	14.5	872	35.9		
N828030		73	1.5	16.2	70	35.3		
N828031		70	1.5	14.1	44	31.1		
N828032		55	3.4	12.3	3080	32.2		
N828033		2	0.1	0.8	22	<0.5		
N828034		71	1.1	11.0	47	27.8		
N828035		71	1.1	12.3	44	27.6		
N828036		67	1.4	11.5	45	28.2		



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**CERTIFICATE OF ANALYSIS WH12133934**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12133935**

Project: Klaza - 64

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12133935**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828037		4.00	<0.005	0.12	7.73	11.2	1710	1.34	0.28	2.40	0.14	38.5	5.1	9	11.55	4.2
N828038		3.64	<0.005	0.08	7.07	7.0	1230	1.31	0.17	2.81	0.13	33.5	3.6	11	12.40	3.2
N828039		4.10	<0.005	0.11	7.55	14.7	1740	1.43	0.18	2.49	0.18	45.4	4.2	8	15.65	3.9
N828040		0.25	4.42	>100	5.71	8440	1210	0.94	57.4	2.01	232	36.9	8.9	16	11.40	1280
N828041		2.40	<0.005	0.21	6.92	14.2	1320	1.18	0.43	2.53	0.25	41.8	11.9	13	11.60	6.9
N828042		2.61	<0.005	0.30	7.87	30.4	2340	1.46	0.36	2.09	0.24	48.0	8.4	8	20.7	12.8
N828043		4.25	0.015	1.83	8.21	11.6	1360	1.39	0.67	1.83	10.55	45.2	2.4	9	17.60	12.2
N828044		2.79	0.053	6.25	7.98	19.5	1900	1.49	5.02	1.87	30.3	34.2	18.6	10	18.35	36.6
N828045		3.37	<0.005	0.82	8.04	16.4	460	1.43	0.84	2.01	1.89	35.5	6.2	9	20.4	28.1
N828046		3.51	0.017	2.42	7.83	26.3	1160	1.55	2.30	1.66	0.68	42.4	19.6	8	8.88	66.4
N828047		4.20	<0.005	0.19	8.06	7.5	800	1.74	0.45	3.01	0.12	37.0	16.6	9	10.15	4.7
N828048		1.58	<0.005	0.19	7.99	9.6	840	1.75	0.42	2.79	0.10	37.3	13.7	9	9.35	3.4
N828049		3.77	<0.005	0.36	8.74	13.1	850	1.48	0.49	2.13	0.19	52.0	15.5	10	7.97	30.6
N828050		3.71	0.010	1.16	8.48	15.2	770	1.35	1.12	2.86	6.08	42.6	25.4	10	7.28	8.4
N828051		3.88	0.010	1.27	8.02	15.2	750	1.52	1.53	2.45	2.56	38.2	31.5	10	7.45	6.8
N828052		2.29	0.014	1.11	8.46	24.5	670	1.61	1.62	3.10	0.49	40.3	33.0	10	8.02	5.9
N828053		3.25	0.013	0.62	8.32	13.5	500	1.66	0.91	3.07	0.29	38.6	17.9	10	8.52	3.1
N828054		3.19	<0.005	0.23	8.34	8.2	270	1.64	0.22	3.07	0.12	39.1	1.1	9	9.02	1.9
N828055		0.23	4.37	>100	6.04	9200	420	1.06	63.5	2.15	247	35.1	9.8	19	12.00	1390
N828056		3.24	<0.005	0.14	8.56	8.4	540	1.54	0.20	1.48	0.28	40.4	0.8	10	9.62	2.7
N828057		4.42	<0.005	0.13	7.78	6.3	380	1.30	0.16	2.67	0.26	30.5	0.8	9	6.95	2.4
N828058		<0.02	<0.005	0.15	7.62	6.3	380	1.35	0.18	2.63	0.28	28.8	0.8	11	6.83	2.3
N828059		4.04	<0.005	0.38	7.84	15.3	430	1.40	0.21	2.23	1.23	28.1	0.7	9	10.75	4.8
N828060		3.85	0.035	2.51	8.29	53.1	640	1.32	0.31	1.59	15.55	37.5	1.5	10	10.00	52.2
N828061		4.06	<0.005	0.12	7.89	15.4	1060	1.66	0.14	2.65	0.37	45.0	3.3	10	10.70	18.7
N828062		1.59	2.30	63.5	6.37	2180	660	1.10	73.5	0.79	31.6	39.1	6.6	10	10.60	2150
N828063		2.66	<0.005	0.07	0.11	<5	20	0.06	0.10	21.6	0.09	1.33	1.2	1	0.31	3.9
N828064		4.05	0.138	5.42	8.12	154.0	770	1.40	6.06	0.74	25.1	57.5	3.8	10	11.40	78.4
N828065		4.20	4.59	13.25	6.52	3490	670	1.21	17.05	1.01	55.5	45.1	5.9	9	10.80	226
N828066		3.19	2.00	7.14	7.37	1710	440	1.67	9.34	1.12	19.05	53.3	4.4	11	12.90	68.5
N828067		4.04	0.011	0.19	6.81	27.8	1740	1.69	0.24	2.61	0.93	32.4	4.5	11	14.55	7.4
N828068		2.90	<0.005	0.11	6.61	11.5	2100	1.37	0.17	3.57	0.19	27.6	4.2	10	15.90	3.2
N828069		4.53	<0.005	0.02	0.07	11	20	0.07	0.03	21.4	0.09	1.21	0.8	1	0.17	1.9
N828070		4.05	0.029	0.38	6.79	40.6	1750	1.47	0.24	2.87	2.85	29.6	4.8	12	19.05	12.1
N828071		3.62	<0.005	0.08	7.43	13.2	2100	1.89	0.18	2.76	0.13	39.7	5.2	11	17.90	2.6
N828072		4.01	0.086	0.89	6.87	464	1580	1.55	0.53	2.29	3.61	37.3	4.6	11	16.80	8.6



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Finalized Date: 25-JUN-2012  
Account: ROCKHA

Project: Klaza - 64

**CERTIFICATE OF ANALYSIS WH12133935**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828037		2.62	17.05	0.10	1.3	0.054	1.71	18.1	32.9	0.48	476	1.33	0.42	7.9	2.9	580
N828038		2.69	16.85	0.10	1.3	0.046	1.74	15.0	24.5	0.25	349	1.09	0.91	8.2	2.2	560
N828039		2.63	16.55	0.12	1.3	0.059	1.91	22.7	83.2	0.57	701	1.44	0.11	7.9	2.5	570
N828040		8.33	12.50	0.18	1.1	4.52	2.21	19.5	27.4	0.64	3120	14.25	0.08	5.4	14.2	430
N828041		2.46	13.95	0.10	1.0	0.058	1.71	20.7	71.2	0.82	834	0.99	0.08	6.9	3.3	530
N828042		2.53	17.15	0.11	1.3	0.031	2.03	23.9	100.5	0.55	614	1.93	0.07	8.1	2.9	640
N828043		2.28	16.65	0.13	0.9	0.415	2.57	19.0	106.0	0.65	1500	0.76	0.13	7.0	2.1	560
N828044		3.67	16.95	0.14	0.8	0.905	3.21	12.8	23.1	0.76	1620	0.85	0.12	6.9	7.5	470
N828045		1.48	17.10	0.08	0.9	0.163	1.02	13.1	68.3	0.58	731	0.49	0.13	7.8	2.0	600
N828046		2.05	16.80	0.11	1.2	0.150	1.64	18.1	45.1	0.44	516	1.42	0.18	7.1	6.3	590
N828047		2.14	17.60	0.11	1.1	0.090	1.43	15.1	31.7	0.50	532	1.47	0.98	8.2	3.2	580
N828048		2.28	17.05	0.11	1.1	0.091	1.49	14.9	26.6	0.49	494	1.17	1.07	8.1	3.4	630
N828049		1.88	17.30	0.11	1.0	0.081	1.78	23.0	51.1	0.70	464	2.66	0.28	7.9	2.2	670
N828050		2.93	17.15	0.12	0.9	0.167	2.03	16.5	44.3	0.90	783	0.97	0.18	7.4	4.2	620
N828051		3.24	16.75	0.13	0.8	0.143	1.95	13.2	20.6	0.86	595	0.64	0.69	7.2	5.7	580
N828052		3.33	18.10	0.13	0.9	0.143	1.72	14.1	27.1	0.94	713	0.62	0.48	8.0	6.2	680
N828053		2.38	17.75	0.10	0.9	0.145	1.33	14.0	41.9	0.95	613	0.49	0.32	7.8	10.1	660
N828054		1.19	17.35	0.09	0.9	0.086	0.70	14.1	176.5	0.83	518	0.62	0.26	7.8	1.8	640
N828055		8.91	13.55	0.18	1.2	4.78	2.39	17.8	31.3	0.69	3360	15.65	0.09	5.9	15.4	470
N828056		1.18	17.95	0.10	0.9	0.098	1.59	15.1	66.8	0.49	504	0.37	0.24	8.2	1.6	640
N828057		1.40	16.25	0.10	0.8	0.090	1.85	10.2	44.4	0.84	1110	0.39	0.17	7.4	1.5	590
N828058		1.45	16.15	0.10	0.8	0.091	1.83	9.3	42.7	0.82	1110	0.36	0.16	7.4	1.6	580
N828059		1.60	16.45	0.11	0.9	0.129	2.96	8.5	18.0	0.75	1190	0.96	0.11	7.3	1.5	660
N828060		2.31	17.05	0.12	0.9	0.389	2.97	14.0	134.0	0.61	1220	0.64	0.10	7.3	1.8	650
N828061		2.55	17.10	0.12	1.2	0.053	2.11	21.5	323	0.71	903	4.40	0.08	8.5	2.1	620
N828062		8.92	14.00	0.20	0.8	3.04	2.61	18.9	35.4	0.39	570	2.63	0.06	5.8	2.4	460
N828063		0.54	0.28	0.05	<0.1	0.009	0.04	0.7	1.6	13.55	240	0.10	<0.01	0.3	2.4	200
N828064		5.24	17.75	0.14	1.0	0.728	3.42	27.6	11.1	0.53	1920	1.43	0.06	7.4	2.6	590
N828065		7.58	14.45	0.17	1.0	1.520	2.80	24.8	13.3	0.49	1150	2.31	0.03	6.0	2.7	420
N828066		5.74	16.70	0.11	1.1	0.459	3.11	27.6	37.9	0.57	2230	1.99	0.03	7.3	2.8	530
N828067		2.89	16.70	0.10	1.2	0.082	3.00	14.3	99.4	0.58	938	1.06	0.08	8.1	2.3	570
N828068		2.98	17.45	0.12	1.2	0.052	3.02	11.5	74.2	0.35	533	1.31	0.12	9.4	2.1	680
N828069		0.46	0.24	0.12	<0.1	0.007	0.03	0.6	1.1	12.65	207	0.16	<0.01	0.2	2.6	180
N828070		2.77	17.05	0.12	1.1	0.100	3.06	12.7	31.1	0.43	793	1.90	0.13	8.5	2.3	560
N828071		2.97	18.10	0.13	1.1	0.049	2.98	17.3	14.4	0.58	518	2.39	1.61	8.7	2.8	580
N828072		3.84	16.25	0.12	0.9	0.253	2.89	16.9	64.7	0.54	2340	1.33	0.09	7.8	2.5	530



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**CERTIFICATE OF ANALYSIS WH12133935**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828037		11.7	71.9	<0.002	0.14	11.15	9.6	1	1.8	91.1	0.73	<0.05	11.6	0.249	1.27	3.6
N828038		15.2	67.2	<0.002	0.08	9.29	8.9	1	2.2	144.0	0.73	<0.05	9.4	0.257	1.03	3.4
N828039		20.3	72.6	<0.002	0.14	12.05	9.7	1	2.1	109.5	0.74	<0.05	12.2	0.258	1.37	3.3
N828040		9610	143.0	0.002	6.96	211	7.6	2	8.4	121.0	0.43	0.47	9.5	0.185	2.08	5.3
N828041		17.3	97.9	<0.002	0.48	20.4	10.5	1	1.8	82.8	0.61	0.05	13.6	0.219	1.36	5.8
N828042		16.6	89.0	<0.002	0.61	15.50	10.8	1	2.0	130.5	0.76	0.10	13.5	0.265	1.44	4.0
N828043		347	140.5	<0.002	0.16	11.15	10.3	1	3.3	82.4	0.57	<0.05	12.9	0.248	2.19	4.0
N828044		1200	208	<0.002	0.99	8.88	10.5	1	4.5	73.7	0.53	1.34	12.8	0.246	3.08	2.8
N828045		292	46.4	<0.002	0.22	29.2	12.0	1	2.9	142.5	0.62	0.06	10.8	0.274	1.00	2.5
N828046		59.1	93.4	0.003	0.98	34.3	10.1	1	2.0	84.6	0.71	1.00	14.0	0.227	1.43	3.2
N828047		8.6	60.8	0.002	0.42	4.88	9.8	1	2.5	179.0	0.70	0.07	10.1	0.262	1.24	4.3
N828048		7.0	66.2	<0.002	0.36	4.75	9.8	1	2.3	179.0	0.71	0.07	10.1	0.268	1.27	4.0
N828049		15.7	90.6	0.003	0.43	18.50	10.5	1	2.4	148.5	0.62	0.07	11.2	0.285	1.51	4.7
N828050		294	97.8	0.004	1.41	11.80	11.1	2	2.9	115.5	0.56	0.23	10.8	0.270	1.77	5.4
N828051		158.0	112.0	0.005	1.86	5.29	11.6	2	2.9	153.5	0.55	0.31	11.1	0.251	1.84	5.0
N828052		41.4	88.0	0.003	1.96	7.67	12.3	2	2.5	177.5	0.58	0.38	11.0	0.272	1.65	3.8
N828053		18.4	56.2	<0.002	0.93	10.05	10.2	1	2.1	200	0.62	0.26	10.7	0.270	1.28	5.5
N828054		13.4	26.7	<0.002	0.05	10.00	11.2	1	2.3	273	0.64	<0.05	10.8	0.277	0.68	2.1
N828055		>10000	146.0	<0.002	7.46	234	8.2	2	8.7	125.5	0.48	0.51	9.6	0.202	2.31	5.8
N828056		14.7	101.0	<0.002	0.06	16.45	12.2	1	2.4	123.0	0.63	<0.05	12.1	0.288	1.57	1.8
N828057		16.8	88.5	<0.002	0.03	6.90	11.4	1	2.2	113.0	0.59	<0.05	10.4	0.257	1.86	3.9
N828058		16.9	82.8	<0.002	0.03	7.00	11.1	1	2.2	111.0	0.58	<0.05	9.6	0.256	1.88	3.8
N828059		106.0	141.5	<0.002	0.04	9.30	11.0	1	2.4	59.0	0.56	<0.05	10.2	0.250	3.00	3.4
N828060		1065	163.5	<0.002	0.50	12.40	11.9	1	2.8	58.0	0.59	0.16	12.8	0.257	2.81	3.1
N828061		13.0	80.3	<0.002	0.09	8.80	10.8	1	2.1	265	0.72	<0.05	11.4	0.276	1.40	3.6
N828062		902	173.5	<0.002	8.15	94.4	8.9	2	6.7	32.7	0.45	1.73	9.3	0.200	2.75	3.7
N828063		1.9	2.2	<0.002	0.04	0.15	0.3	1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N828064		739	208	<0.002	2.40	17.50	12.4	1	5.5	32.5	0.57	0.61	12.9	0.256	3.60	3.6
N828065		660	187.5	<0.002	6.86	35.6	8.9	2	8.1	32.6	0.54	0.49	12.1	0.201	2.98	3.3
N828066		692	189.0	0.002	3.56	22.4	10.0	1	6.7	43.3	0.62	0.12	13.0	0.226	3.34	4.2
N828067		31.2	115.0	0.002	0.21	12.70	9.3	<1	1.8	143.5	0.68	<0.05	9.6	0.241	2.37	3.8
N828068		24.9	94.9	<0.002	0.04	12.70	8.9	<1	1.8	162.5	0.81	<0.05	8.4	0.295	1.97	3.8
N828069		1.5	1.4	<0.002	0.01	0.12	0.2	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N828070		121.5	116.0	<0.002	0.30	11.50	9.1	<1	2.1	130.0	0.68	<0.05	9.0	0.248	2.34	3.4
N828071		19.2	112.0	<0.002	0.08	5.46	9.8	1	1.8	294	0.73	<0.05	10.5	0.248	1.67	3.0
N828072		60.7	123.5	<0.002	1.14	19.10	9.4	<1	2.9	128.0	0.64	<0.05	10.4	0.232	2.20	3.4



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**CERTIFICATE OF ANALYSIS WH12133935**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N828037		70	2.1	12.2	57	31.5			
N828038		73	1.9	12.5	43	32.7			
N828039		71	2.5	12.9	59	34.6			
N828040		54	4.0	10.2	>10000	31.7	116		1.605
N828041		65	1.9	19.3	52	25.2			
N828042		76	3.6	16.0	81	31.8			
N828043		56	2.5	14.6	808	23.2			
N828044		62	4.7	14.4	1970	20.9			
N828045		72	1.8	14.8	155	23.4			
N828046		78	1.9	13.5	68	29.7			
N828047		76	1.3	12.9	42	27.4			
N828048		78	1.4	11.6	40	27.3			
N828049		77	2.4	12.4	45	25.4			
N828050		80	1.9	14.3	448	22.7			
N828051		85	2.3	16.9	197	22.6			
N828052		95	2.5	19.7	62	22.7			
N828053		80	2.6	12.1	56	24.8			
N828054		67	2.8	16.0	48	23.8			
N828055		59	4.4	10.1	>10000	34.1	113	0.948	1.615
N828056		68	1.7	15.0	55	24.1			
N828057		64	1.3	12.0	60	22.0			
N828058		64	1.3	11.5	59	22.5			
N828059		68	1.6	13.2	181	23.0			
N828060		66	2.3	13.4	1850	24.2			
N828061		77	2.3	15.2	80	30.0			
N828062		55	3.2	13.7	2030	20.4			
N828063		3	0.1	0.9	17	<0.5			
N828064		78	4.8	10.9	1810	25.9			
N828065		57	6.1	11.5	3800	26.1			
N828066		63	7.3	10.4	1400	29.2			
N828067		67	3.1	10.8	107	31.8			
N828068		84	3.3	10.9	51	31.7			
N828069		1	0.1	0.7	20	<0.5			
N828070		68	2.6	10.9	226	31.1			
N828071		69	1.5	12.8	53	31.6			
N828072		65	3.3	10.7	370	27.8			



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Project: Klaza - 64

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**CERTIFICATE OF ANALYSIS WH12133935**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12133936**

Project: Klaza - 64

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
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Account: ROCKHA

Project: Klaza - 64

**CERTIFICATE OF ANALYSIS WH12133936**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828073		2.95	<0.005	0.21	7.13	19.8	1800	1.31	0.24	1.92	0.65	39.7	5.6	9	10.95	5.7
N828074		4.12	0.009	1.16	7.68	17.8	1770	1.66	1.80	2.57	2.75	44.7	5.3	9	11.30	33.4
N828075		3.80	<0.005	0.09	7.73	6.6	2060	1.60	0.23	2.74	0.11	46.0	8.3	11	11.10	2.5
N828076		3.16	<0.005	0.08	7.75	7.7	2050	1.82	0.17	2.45	0.16	38.8	5.2	9	11.10	4.5
N828077		1.63	<0.005	0.09	8.03	7.4	1970	2.14	0.22	2.36	0.16	45.7	5.3	9	11.45	5.0
N828078		2.92	0.195	13.65	7.23	156.0	540	1.47	19.90	1.49	6.35	45.7	7.0	10	11.45	215
N828079		2.87	0.008	0.63	8.25	33.9	830	1.57	0.81	1.20	0.54	49.6	5.4	8	16.65	24.5
N828080		3.29	<0.005	0.11	7.88	13.3	1440	1.78	0.26	1.26	0.11	53.2	4.5	8	15.75	3.8
N828081		2.70	<0.005	0.36	8.10	25.1	1740	1.86	0.59	1.92	0.13	47.0	13.0	8	16.15	17.3
N828082		0.25	2.28	26.7	6.23	3720	790	1.49	20.1	2.27	80.0	44.2	11.1	19	13.75	458
N828083		3.22	<0.005	0.25	6.47	17.1	2670	1.51	0.45	3.04	0.15	38.7	15.2	8	12.05	39.2
N828084		3.29	0.008	0.50	7.24	15.9	1450	1.49	0.35	4.78	0.14	52.1	11.9	7	13.50	33.1
N828085		3.51	0.005	0.34	6.68	17.7	1280	1.65	1.18	4.06	0.25	48.6	14.4	7	13.90	22.5
N828086		3.10	0.005	0.11	7.46	12.0	1480	1.31	0.34	3.44	0.08	39.7	8.3	9	6.44	3.1
N828087		3.96	0.010	0.37	8.04	24.1	1060	1.63	0.44	1.29	0.31	63.8	10.3	9	7.68	4.9
N828088		3.14	0.039	2.26	7.58	52.9	1050	1.44	3.29	1.74	25.5	42.1	6.4	8	6.18	35.6
N828089		2.95	<0.005	0.38	7.84	12.8	830	1.41	0.50	1.49	0.46	48.0	7.4	10	5.90	17.4
N828090		4.09	0.011	0.78	7.71	9.8	920	1.70	0.83	1.73	15.10	38.0	8.2	9	6.47	18.0
N828091		3.36	<0.005	0.13	8.01	11.1	1220	1.44	0.27	1.06	0.39	42.3	3.2	10	7.05	1.0
N828092		<0.02	0.005	0.16	8.02	11.7	1190	1.51	0.23	1.05	0.38	44.0	3.4	10	7.45	2.5
N828093		4.05	0.017	0.34	7.31	15.6	800	1.73	0.58	3.00	0.54	33.6	6.5	10	8.73	2.4
N828094		3.77	<0.005	0.13	7.06	10.4	720	1.73	0.20	3.11	0.15	31.0	2.4	10	8.28	2.9
N828095		2.98	0.008	0.07	7.17	8.5	790	1.86	0.25	3.53	0.13	31.8	2.8	12	7.40	1.7
N828096		3.36	<0.005	0.09	7.06	8.4	860	1.61	0.30	3.63	0.09	34.2	3.5	9	6.19	2.0
N828097		3.13	0.016	0.81	7.26	10.5	1350	1.47	0.88	2.17	0.26	81.1	7.3	9	5.83	2.8
N828098		3.15	<0.005	0.16	7.64	10.5	1990	1.52	0.19	2.15	0.35	54.5	4.0	9	10.25	2.8
N828099		3.85	<0.005	0.10	8.07	8.5	2090	1.28	0.19	1.31	0.12	41.3	5.4	9	9.01	1.8
N828100		2.41	<0.005	0.02	0.10	<5	20	0.08	0.03	21.5	0.05	1.33	0.8	1	0.14	0.9
N828101		2.95	0.268	3.30	7.64	1210	730	1.62	5.38	1.63	9.72	56.9	4.3	10	14.80	44.1
N828102		3.14	0.014	1.25	7.21	57.7	950	1.59	1.00	2.34	13.10	53.4	3.6	10	12.55	26.1
N828103		4.43	2.02	46.7	2.77	5660	70	0.81	33.0	1.40	107.5	16.45	18.5	11	11.15	847
N828104		0.24	0.765	9.53	6.89	1870	260	1.51	6.08	2.04	41.1	48.9	15.2	20	16.55	111.5
N828105		3.81	0.163	2.37	6.81	354	260	1.50	2.30	2.11	15.45	45.8	8.2	8	28.2	55.0
N828106		3.17	0.015	0.76	7.83	48.6	1420	1.46	0.94	2.45	3.36	58.9	8.1	9	19.80	16.1
N828107		4.26	0.047	1.31	7.87	23.9	1720	1.44	1.17	2.72	0.76	64.9	17.2	9	12.55	9.0
N828108		2.44	<0.005	0.03	0.06	6	20	0.05	0.03	21.9	0.09	1.37	1.5	1	0.22	1.8





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Project: Klaza - 64

**CERTIFICATE OF ANALYSIS WH12133936**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828073		2.84	17.95	0.11	1.0	0.110	2.86	16.9	36.0	0.43	1600	2.24	0.10	8.4	2.7	570
N828074		3.48	17.80	0.12	1.0	0.217	2.65	20.4	15.3	0.69	813	1.58	1.26	8.6	2.6	580
N828075		2.91	16.40	0.12	1.1	0.040	2.53	20.5	11.2	0.77	523	1.37	1.90	8.2	2.4	580
N828076		3.43	17.45	0.13	1.2	0.039	2.90	16.9	20.8	0.75	483	1.28	1.06	8.9	2.5	590
N828077		3.56	17.55	0.13	1.3	0.039	2.86	22.7	22.4	0.79	488	1.17	1.02	8.9	2.8	610
N828078		3.90	16.65	0.09	1.1	0.302	2.61	20.8	45.5	0.53	1470	4.93	0.07	8.0	2.1	560
N828079		3.18	18.25	0.10	1.3	0.112	1.60	24.2	145.5	0.48	996	1.63	0.03	9.3	2.4	680
N828080		2.54	18.40	0.11	1.2	0.043	2.19	27.2	112.5	0.39	632	2.39	0.05	8.7	2.3	630
N828081		2.63	18.05	0.12	1.1	0.054	2.51	22.0	69.6	0.66	642	3.59	0.06	8.4	3.2	610
N828082		6.97	15.35	0.11	0.9	1.685	2.61	23.3	23.7	0.94	1940	14.10	0.05	6.3	15.5	460
N828083		2.20	15.85	0.11	1.0	0.055	2.07	16.4	85.1	0.60	696	10.15	0.08	7.2	3.0	480
N828084		2.54	17.60	0.14	1.0	0.091	1.93	24.1	190.5	1.27	1140	2.30	0.09	7.4	3.7	550
N828085		2.92	15.75	0.12	0.7	0.258	2.20	22.0	113.5	0.98	1140	9.25	0.09	5.4	5.1	500
N828086		2.79	17.20	0.11	1.0	0.076	2.47	17.1	219	1.15	1130	2.12	0.11	7.7	3.3	650
N828087		2.96	19.65	0.11	1.1	0.085	2.60	35.6	261	0.64	871	3.00	0.09	8.3	5.9	640
N828088		3.96	16.65	0.12	0.9	2.16	2.98	16.8	60.3	0.85	2630	2.30	0.10	6.6	2.9	540
N828089		1.72	18.20	0.10	1.0	0.134	2.33	17.8	49.8	0.57	721	17.80	0.09	7.7	4.5	630
N828090		1.86	17.50	0.11	1.0	0.565	2.34	14.4	30.1	0.51	590	3.84	0.33	6.9	4.9	570
N828091		1.40	19.20	0.11	0.9	0.100	2.48	16.4	54.6	0.44	545	0.99	0.11	7.4	1.8	640
N828092		1.45	19.65	0.11	1.0	0.111	2.39	17.1	57.8	0.42	547	1.04	0.11	7.6	1.8	610
N828093		2.26	16.55	0.10	1.0	0.142	1.88	13.0	105.5	0.94	1020	0.51	0.11	7.7	2.5	790
N828094		1.42	17.55	0.09	1.1	0.082	0.91	12.3	140.0	0.50	524	0.35	1.31	8.9	2.5	580
N828095		1.74	17.65	0.10	1.1	0.103	1.01	12.8	12.1	0.73	607	0.39	2.77	8.8	2.7	620
N828096		1.78	16.95	0.13	1.0	0.092	1.19	13.4	18.9	0.76	570	0.31	1.94	8.4	2.6	610
N828097		1.63	17.35	0.13	0.8	0.082	1.84	42.2	73.9	0.67	755	1.56	0.06	7.2	2.6	570
N828098		2.76	17.40	0.13	0.9	0.075	2.46	26.6	56.7	0.75	1070	2.54	0.08	8.3	2.6	690
N828099		2.80	18.25	0.10	1.1	0.035	2.84	18.4	36.8	0.40	673	2.84	0.11	8.8	2.2	630
N828100		0.46	0.28	0.15	<0.1	0.009	0.03	0.6	1.3	12.80	210	0.10	<0.01	0.2	2.3	240
N828101		5.04	17.10	0.15	0.9	0.281	3.22	26.7	12.7	0.84	1540	4.74	0.04	7.3	2.6	530
N828102		3.58	15.75	0.16	1.0	0.406	3.50	24.2	14.8	0.87	3060	3.62	0.04	7.1	1.2	550
N828103		8.64	8.19	0.15	0.4	1.215	1.16	7.7	47.5	0.48	2080	13.80	0.02	2.7	2.4	180
N828104		5.55	15.20	0.19	1.3	1.005	2.99	24.0	28.6	0.72	2030	13.50	0.27	7.8	15.4	510
N828105		5.38	16.25	0.17	1.0	0.495	2.94	21.7	23.7	0.75	2710	5.56	0.03	7.0	1.4	540
N828106		3.89	16.10	0.16	1.0	0.184	2.94	30.1	36.0	0.99	1600	2.49	0.05	8.1	1.5	620
N828107		3.56	16.45	0.18	1.0	0.103	3.27	32.8	23.4	0.98	1260	2.00	0.07	7.6	1.6	620
N828108		0.53	0.25	0.05	<0.1	0.006	0.03	0.6	1.1	13.85	233	0.11	0.01	0.3	<0.2	180



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Project: Klaza - 64

**CERTIFICATE OF ANALYSIS WH12133936**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828073		35.9	115.0	<0.002	0.21	12.05	9.8	<1	2.2	93.9	0.67	<0.05	10.7	0.243	2.01	3.1
N828074		204	106.0	<0.002	0.32	6.11	10.5	1	2.4	240	0.74	0.10	12.1	0.245	1.71	3.3
N828075		17.0	92.1	<0.002	0.14	2.91	9.6	<1	1.8	345	0.74	<0.05	11.9	0.250	1.28	3.7
N828076		20.4	95.7	<0.002	0.03	4.98	9.9	1	2.0	229	0.74	<0.05	10.9	0.252	1.47	3.1
N828077		20.2	105.5	<0.002	0.03	5.53	10.6	1	2.1	218	0.81	<0.05	13.0	0.256	1.46	3.2
N828078		178.5	138.0	<0.002	1.79	96.0	10.3	1	4.3	93.4	0.67	0.39	11.3	0.229	2.14	4.2
N828079		36.2	86.2	<0.002	0.27	33.3	11.8	1	2.3	161.5	0.81	<0.05	14.0	0.272	1.58	4.2
N828080		10.7	120.0	0.003	0.17	24.4	10.8	<1	1.6	135.0	0.76	<0.05	13.2	0.244	1.76	3.9
N828081		15.1	117.0	0.003	0.51	20.3	10.6	<1	1.9	113.5	0.71	<0.05	12.9	0.246	2.09	9.6
N828082		2920	156.0	0.003	4.81	101.0	8.4	1	8.6	99.2	0.48	0.40	10.4	0.182	2.61	5.3
N828083		8.8	89.2	0.012	0.65	9.26	8.9	<1	6.0	113.5	0.61	0.05	9.9	0.208	1.92	2.9
N828084		9.1	93.8	<0.002	0.68	8.64	11.2	1	6.2	105.5	0.56	<0.05	12.4	0.216	2.13	4.5
N828085		12.1	126.5	0.011	1.07	14.55	10.6	1	2.9	92.6	0.42	0.17	10.9	0.186	2.33	4.8
N828086		5.8	92.2	<0.002	0.49	6.08	10.0	<1	2.1	76.0	0.60	<0.05	10.6	0.247	2.53	3.2
N828087		21.6	160.0	<0.002	0.91	8.43	11.7	1	2.3	92.1	0.64	0.08	16.0	0.244	2.94	6.9
N828088		257	182.0	0.002	1.05	12.80	10.0	<1	3.7	49.5	0.52	0.24	13.7	0.205	2.93	3.5
N828089		28.9	138.0	0.006	0.37	21.3	10.9	1	2.7	64.4	0.61	<0.05	14.1	0.228	2.19	3.8
N828090		158.5	130.5	0.006	0.41	11.00	10.4	<1	2.7	68.5	0.57	0.09	13.1	0.215	2.23	4.9
N828091		25.1	147.0	<0.002	0.20	20.8	10.8	<1	2.5	54.9	0.61	<0.05	15.4	0.218	2.23	5.4
N828092		22.1	152.5	<0.002	0.19	22.2	11.3	<1	2.7	57.8	0.60	<0.05	15.4	0.218	2.25	5.4
N828093		22.3	79.5	<0.002	0.55	15.80	11.0	1	3.4	110.5	0.62	0.30	12.5	0.227	1.97	4.4
N828094		10.5	32.4	0.002	0.08	17.25	9.7	1	3.5	247	0.72	0.06	9.4	0.247	0.96	3.0
N828095		11.9	36.3	<0.002	0.12	3.44	10.2	<1	3.4	417	0.71	0.05	9.4	0.254	0.95	3.3
N828096		8.7	41.2	<0.002	0.14	4.47	9.5	<1	3.3	298	0.74	0.10	9.3	0.244	1.03	3.7
N828097		17.1	66.7	<0.002	0.23	19.15	10.9	1	3.8	81.0	0.56	0.53	10.2	0.213	1.22	3.3
N828098		21.0	91.1	<0.002	0.08	23.6	11.9	1	3.0	87.4	0.66	<0.05	12.9	0.245	1.93	3.8
N828099		15.9	113.5	<0.002	0.08	17.10	11.0	<1	2.3	90.3	0.75	<0.05	12.3	0.265	1.58	3.3
N828100		1.3	1.4	<0.002	<0.01	0.15	0.3	<1	<0.2	44.7	<0.05	<0.05	0.2	<0.005	0.02	1.0
N828101		408	213	<0.002	2.35	22.3	10.1	<1	4.2	58.4	0.59	0.12	13.6	0.222	3.45	5.7
N828102		191.5	206	<0.002	0.99	11.80	10.6	1	3.1	81.5	0.61	0.16	12.6	0.220	3.50	5.7
N828103		5980	76.3	<0.002	9.07	377	4.6	2	25.1	88.4	0.20	0.49	3.5	0.084	1.29	9.4
N828104		1405	166.5	0.002	3.30	33.2	9.7	2	6.3	154.5	0.60	0.31	11.4	0.213	2.45	5.2
N828105		367	169.5	0.002	3.07	24.4	10.9	1	7.3	62.6	0.58	0.14	10.5	0.237	3.06	6.2
N828106		82.8	149.0	<0.002	0.91	9.33	12.8	1	2.8	120.0	0.63	0.06	12.7	0.271	2.59	4.9
N828107		38.2	153.0	<0.002	1.38	9.60	12.3	2	4.0	91.9	0.63	0.67	14.6	0.260	2.40	3.5
N828108		3.4	1.3	<0.002	0.02	0.23	0.3	1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6



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 Account: ROCKHA

Project: Klaza - 64

**CERTIFICATE OF ANALYSIS WH12133936**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828073		67	3.6	11.3	94	30.2
N828074		69	2.0	13.4	269	30.6
N828075		68	1.1	13.5	50	29.7
N828076		70	1.4	13.1	55	33.5
N828077		70	1.5	14.1	57	34.4
N828078		64	3.3	12.5	662	29.7
N828079		75	8.8	14.1	104	33.6
N828080		70	3.9	12.0	63	34.2
N828081		74	4.5	12.8	61	31.0
N828082		58	5.5	9.3	5390	25.4
N828083		67	2.4	11.8	45	26.3
N828084		84	3.7	15.6	57	29.3
N828085		80	1.8	14.4	54	21.1
N828086		73	2.3	10.4	39	28.0
N828087		78	3.9	16.3	65	32.1
N828088		69	2.9	10.2	1920	25.3
N828089		80	1.5	12.3	77	28.5
N828090		77	3.4	11.2	975	28.6
N828091		68	2.2	10.9	60	28.0
N828092		66	1.8	11.6	57	28.8
N828093		96	4.7	13.3	96	27.2
N828094		76	2.0	13.0	44	30.0
N828095		82	1.2	13.4	51	31.7
N828096		77	2.0	12.5	45	27.6
N828097		79	5.7	14.2	53	25.9
N828098		77	5.5	15.1	73	25.5
N828099		75	4.7	12.7	49	29.2
N828100		1	0.1	0.7	14	<0.5
N828101		65	4.9	10.1	818	25.6
N828102		61	3.0	12.4	1070	24.9
N828103		30	3.5	5.6	9080	9.3
N828104		58	5.4	11.9	3110	38.7
N828105		67	7.9	11.0	1400	23.8
N828106		75	4.8	15.5	327	24.6
N828107		76	7.2	15.5	103	24.3
N828108		3	0.1	0.8	18	<0.5



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**CERTIFICATE OF ANALYSIS WH12133936**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12133937**

Project: Klaza - 64

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12133937**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828109		3.90	0.049	2.20	6.78	49.5	850	1.48	1.99	2.08	2.51	52.1	28.0	9	14.15	27.1
N828110		3.95	0.032	0.77	7.54	37.0	1310	1.49	0.96	2.30	1.68	53.4	16.9	11	16.10	6.2
N828111		3.97	0.012	0.65	7.06	24.0	840	1.56	2.10	2.96	0.99	110.0	39.1	7	11.70	35.4
N828112		3.82	0.032	1.05	6.81	54.0	1190	1.39	1.12	2.13	4.49	112.0	24.9	8	12.25	12.8
N828113		0.20	2.25	28.6	6.00	3520	220	1.32	19.10	2.26	81.2	46.8	10.5	20	16.00	447
N828114		3.55	0.013	1.12	7.95	37.0	1170	1.47	1.78	1.74	6.12	45.4	5.0	9	9.74	21.3
N828115		4.41	0.066	2.49	8.14	155.5	1010	1.47	3.61	1.07	4.85	63.9	5.6	9	14.85	24.3
N828116		4.27	0.008	0.48	7.56	15.9	2400	1.47	0.45	2.58	1.13	54.6	9.1	10	14.25	74.2
N828117		5.00	0.018	0.81	7.85	54.5	2210	1.52	1.14	2.62	2.07	57.5	8.2	13	15.20	26.1
N828118		2.08	0.166	1.57	7.30	725	270	1.63	2.16	0.94	3.09	63.3	9.4	11	13.90	23.4
N828119		3.51	0.079	1.14	8.56	134.5	1340	1.75	1.09	1.21	6.91	69.2	9.1	9	18.15	39.5
N828120		1.20	0.049	1.14	8.84	155.5	1300	1.75	1.08	1.36	8.41	70.7	8.7	12	18.85	49.4
N828121		4.85	0.298	33.0	7.13	566	160	1.48	57.4	1.82	7.21	58.6	5.9	10	18.45	202
N828122		4.09	0.005	0.19	7.62	9.3	2320	1.71	0.18	3.00	0.13	54.5	5.8	13	14.85	14.3
N828123		3.55	0.167	1.42	7.35	594	880	1.59	1.57	2.10	5.85	60.6	5.5	10	20.5	17.7
N828124		4.40	0.039	0.46	8.09	175.0	2010	1.55	0.46	2.30	1.48	55.7	7.2	10	12.15	14.1
N828125		3.86	0.011	0.27	7.66	49.1	2250	1.71	0.27	2.74	0.91	55.1	8.0	14	15.35	11.5
N828126		4.65	0.023	0.28	7.49	90.5	1860	1.68	0.23	2.83	1.10	49.5	5.2	12	19.20	20.5
N828127		4.38	<0.005	0.16	8.09	8.4	2350	1.57	0.17	2.12	0.11	51.4	8.4	10	12.15	23.9
N828128		4.14	0.031	0.27	7.60	159.0	2370	1.37	0.15	1.95	0.23	38.3	5.6	10	13.75	15.3
N828129		0.20	4.31	>100	6.22	9010	550	1.17	61.6	2.24	252	38.8	9.4	19	12.55	1390
N828130		4.67	0.064	0.40	7.97	629	2230	1.46	0.26	1.95	1.09	55.8	5.0	10	11.65	10.9
N828131		1.18	<0.005	0.03	0.07	6	30	0.09	0.02	21.9	0.07	1.57	1.7	1	0.18	1.6
N828132		4.55	<0.005	0.14	7.79	9.4	2520	1.45	0.12	2.56	0.11	49.6	5.7	11	13.20	5.9
N828133		3.96	<0.005	0.13	7.69	9.9	2450	1.52	0.15	2.05	0.10	45.6	5.1	10	11.80	6.9
N828134		4.60	<0.005	0.19	8.01	7.6	2360	1.69	0.22	3.19	0.09	57.3	6.2	12	11.80	20.8
N828135		4.80	<0.005	0.19	7.54	6.7	2200	1.55	0.21	2.79	0.11	59.1	7.0	13	10.90	14.4
N828136		4.27	<0.005	0.18	8.08	7.1	2480	1.67	0.21	2.97	0.14	54.1	6.3	13	11.25	19.6
N828137		<0.02	<0.005	0.23	7.61	7.4	2340	1.65	0.20	2.84	0.15	51.6	6.5	13	11.00	21.0
N828138		4.88	<0.005	0.13	7.55	8.0	2180	1.72	0.29	2.28	0.13	45.1	8.1	9	10.05	15.2
N828139		2.67	<0.005	0.11	7.97	8.7	2260	1.81	0.30	2.50	0.12	47.6	9.8	8	11.65	19.4
N828140		4.27	<0.005	0.06	8.03	8.1	2420	1.48	0.44	3.01	0.12	45.4	25.8	10	8.25	6.8
N828141		4.63	<0.005	0.12	7.90	16.1	1200	1.94	1.11	4.44	0.07	33.6	38.9	5	13.55	7.4
N828142		4.06	0.005	0.15	8.08	19.5	810	1.96	1.34	3.90	0.04	28.8	41.4	5	15.50	12.8
N828143		1.09	<0.005	0.03	0.07	<5	30	<0.05	0.03	22.0	0.07	1.44	2.1	<1	0.19	4.7
N828144		4.36	<0.005	0.07	7.37	11.4	450	1.41	1.13	3.59	0.03	40.7	64.0	9	4.87	4.7



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Account: ROCKHA

Project: Klaza - 64

**CERTIFICATE OF ANALYSIS WH12133937**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828109		3.43	16.10	0.15	1.0	0.114	2.51	25.2	80.8	0.76	1040	2.00	0.04	7.6	2.7	530
N828110		4.22	17.15	0.19	1.2	0.257	3.22	25.9	13.6	0.93	2950	1.24	0.06	8.1	2.9	570
N828111		3.57	16.65	0.23	1.0	0.184	3.01	58.1	18.7	1.09	1380	1.48	0.05	6.3	3.9	600
N828112		4.12	15.60	0.22	0.9	0.345	2.65	59.9	34.9	0.84	2120	1.20	0.05	6.4	2.4	520
N828113		6.74	15.50	0.21	1.0	1.835	2.63	23.2	24.7	0.91	1900	14.40	0.04	6.5	15.9	440
N828114		3.44	19.60	0.14	1.1	0.304	2.31	18.3	37.0	0.61	1350	1.05	0.05	8.1	1.5	630
N828115		4.53	18.05	0.18	1.1	0.219	3.13	32.9	20.6	0.60	1450	1.43	0.07	8.5	2.2	610
N828116		3.20	17.10	0.16	1.1	0.101	3.32	25.6	14.5	0.55	753	1.31	1.10	8.8	1.8	600
N828117		3.66	17.45	0.18	1.1	0.122	3.20	27.4	9.9	0.80	884	1.48	1.90	8.4	2.1	620
N828118		7.67	16.70	0.22	1.0	0.291	3.10	31.4	26.1	0.88	2080	1.57	0.41	7.3	2.7	550
N828119		5.05	19.15	0.21	1.1	0.287	2.93	34.8	42.6	0.91	1680	1.87	0.18	8.9	3.0	680
N828120		5.25	17.80	0.21	1.1	0.254	3.00	36.1	41.4	0.93	1800	2.67	0.09	8.9	3.0	680
N828121		7.07	16.05	0.20	1.0	0.503	2.98	29.1	23.5	0.81	2330	1.80	0.42	7.2	2.4	530
N828122		3.28	16.90	0.17	1.1	0.058	3.02	25.6	8.2	0.79	666	1.64	2.03	9.2	1.8	630
N828123		4.94	15.90	0.17	1.0	0.261	3.22	30.9	25.9	0.84	1740	5.39	0.14	8.1	2.0	550
N828124		3.66	17.75	0.17	1.1	0.093	3.55	26.2	22.5	0.75	1070	1.13	0.65	8.4	1.8	640
N828125		3.37	16.80	0.18	1.3	0.063	3.17	25.8	13.1	0.69	782	1.53	1.68	9.4	2.1	620
N828126		3.10	16.35	0.15	1.3	0.058	3.19	21.7	13.3	0.70	815	1.38	1.52	8.8	1.6	600
N828127		3.35	17.15	0.17	1.2	0.044	3.04	24.0	13.3	0.50	606	1.96	1.71	9.0	2.0	640
N828128		3.18	16.30	0.15	1.2	0.053	3.39	15.9	21.5	0.31	1030	5.40	0.38	10.2	1.6	640
N828129		9.24	13.15	0.18	1.0	4.86	2.48	18.6	31.2	0.70	3390	16.10	0.09	6.2	15.5	500
N828130		3.46	17.00	0.16	1.1	0.055	3.19	26.4	18.4	0.51	896	1.55	0.82	8.8	2.1	640
N828131		0.53	0.23	<0.05	<0.1	0.005	0.03	0.7	1.1	13.85	223	0.11	0.01	0.3	<0.2	190
N828132		3.20	16.45	0.15	1.1	0.040	2.89	23.5	13.7	0.66	525	1.22	2.26	8.3	1.6	660
N828133		3.43	15.65	0.15	1.0	0.050	3.00	20.6	15.4	0.40	678	1.41	1.38	8.1	2.1	610
N828134		3.60	17.00	0.15	1.1	0.054	2.94	26.1	11.2	0.73	740	1.39	2.40	9.3	2.2	800
N828135		3.33	16.30	0.15	1.2	0.043	2.74	28.3	10.8	0.80	530	1.49	2.48	9.3	2.2	620
N828136		3.49	18.15	0.18	1.2	0.038	2.80	23.5	11.2	0.70	494	1.52	2.63	9.4	2.2	680
N828137		3.25	17.75	0.16	1.2	0.037	2.70	22.6	10.7	0.65	465	1.23	2.49	9.3	3.3	640
N828138		2.81	15.90	0.12	1.4	0.029	3.54	22.5	12.1	0.53	431	1.37	2.31	7.7	2.5	530
N828139		2.89	17.90	0.13	1.0	0.039	2.95	23.1	15.4	0.65	460	1.00	2.49	8.6	3.1	630
N828140		3.06	16.85	0.10	1.1	0.045	2.87	22.4	11.6	0.81	546	0.76	2.45	7.2	2.7	680
N828141		3.92	19.25	0.11	1.9	0.060	1.54	14.2	23.1	0.83	790	0.66	1.93	6.9	3.9	1100
N828142		4.28	20.3	0.11	2.2	0.079	1.08	11.8	35.9	0.68	647	0.51	1.23	7.2	4.3	1270
N828143		0.53	0.36	<0.05	<0.1	0.005	0.02	0.7	1.0	13.80	239	0.14	0.01	0.2	1.9	200
N828144		3.86	17.25	0.09	1.2	0.080	2.13	19.7	7.2	0.74	711	2.81	2.18	6.8	3.2	680



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**CERTIFICATE OF ANALYSIS WH12133937**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828109		78.7	118.0	0.003	1.96	13.65	10.4	1	4.8	82.6	0.62	0.98	14.3	0.226	2.39	5.5
N828110		79.1	167.0	<0.002	1.39	8.10	11.0	1	6.1	66.4	0.64	0.26	13.9	0.234	3.11	7.2
N828111		21.2	170.0	0.002	2.06	12.90	10.4	1	4.1	66.3	0.52	0.69	13.1	0.214	2.74	4.0
N828112		83.2	157.0	<0.002	1.31	8.22	9.3	1	5.4	61.4	0.53	0.20	14.1	0.195	2.42	4.3
N828113		2840	153.5	0.002	4.90	98.0	7.8	1	8.7	88.8	0.53	0.44	11.3	0.184	2.44	6.2
N828114		76.2	96.7	<0.002	0.61	10.40	11.8	1	4.0	49.4	0.75	0.06	14.1	0.257	1.98	3.2
N828115		113.5	164.0	<0.002	1.73	12.65	11.7	2	5.3	58.5	0.69	0.08	15.9	0.260	2.27	3.7
N828116		29.5	129.5	<0.002	0.48	12.85	11.3	2	2.4	229	0.67	0.07	13.8	0.262	1.69	3.8
N828117		58.8	129.0	<0.002	0.65	3.36	11.6	2	2.9	338	0.64	0.05	14.1	0.264	1.60	4.2
N828118		94.3	179.0	0.002	3.72	6.88	10.7	1	7.5	81.7	0.54	0.13	13.0	0.225	2.46	3.8
N828119		168.0	159.0	0.002	1.34	7.23	13.6	2	6.5	79.0	0.69	0.08	17.5	0.285	2.05	5.1
N828120		197.0	156.5	<0.002	1.25	7.30	12.7	2	7.1	67.4	0.66	0.08	17.7	0.288	2.08	5.6
N828121		632	145.5	0.002	3.91	18.45	10.5	2	6.3	115.0	0.62	0.26	12.5	0.227	2.32	5.6
N828122		18.8	111.0	<0.002	0.08	2.99	12.0	2	1.8	356	0.72	<0.05	11.9	0.272	1.45	4.3
N828123		197.5	164.5	0.002	2.13	12.35	10.8	2	3.6	98.1	0.65	0.12	13.1	0.243	2.69	5.4
N828124		80.3	156.0	0.002	0.90	9.22	12.1	2	2.6	169.0	0.71	0.08	13.2	0.266	2.16	5.1
N828125		32.8	122.5	<0.002	0.28	5.49	12.9	2	2.0	300	0.77	<0.05	12.5	0.276	1.60	5.1
N828126		39.4	117.0	<0.002	0.24	5.78	10.9	2	1.8	277	0.74	<0.05	11.2	0.263	1.63	4.2
N828127		16.9	108.0	<0.002	0.07	8.84	11.6	2	2.8	263	0.73	<0.05	12.4	0.273	1.19	3.9
N828128		20.9	129.0	<0.002	0.19	17.90	11.2	2	2.4	119.0	0.72	<0.05	9.2	0.290	1.54	2.4
N828129		>10000	139.5	0.002	8.12	248	8.3	4	8.8	124.5	0.42	0.57	8.4	0.195	2.19	5.4
N828130		48.1	128.5	<0.002	0.29	15.10	12.4	2	2.2	163.0	0.69	<0.05	12.2	0.273	1.46	3.6
N828131		2.0	1.6	0.002	0.02	0.25	0.4	1	<0.2	39.5	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N828132		15.3	100.5	<0.002	0.06	4.54	11.4	1	1.9	382	0.62	<0.05	10.5	0.277	1.12	3.8
N828133		14.9	109.0	0.002	0.07	10.75	10.9	2	1.7	234	0.60	<0.05	10.3	0.264	1.19	2.9
N828134		14.9	108.0	<0.002	0.14	3.40	12.8	2	2.8	408	0.65	<0.05	11.1	0.310	1.14	3.9
N828135		14.3	95.8	<0.002	0.17	1.63	11.8	2	2.4	427	0.67	<0.05	11.4	0.274	0.89	4.1
N828136		16.3	92.4	0.002	0.18	3.42	13.0	2	3.3	463	0.71	0.05	11.5	0.301	0.92	4.2
N828137		15.4	90.7	<0.002	0.19	3.53	12.5	2	3.1	439	0.67	0.05	10.6	0.285	0.87	3.9
N828138		16.5	104.0	0.002	0.32	2.48	9.6	1	2.7	338	0.73	0.07	15.2	0.226	1.06	4.4
N828139		14.5	100.5	<0.002	0.34	3.35	12.3	2	3.3	399	0.70	0.07	12.8	0.272	1.00	3.6
N828140		11.7	102.0	<0.002	1.01	1.80	11.4	2	2.9	373	0.55	0.11	12.0	0.260	1.10	3.6
N828141		8.3	60.5	<0.002	2.32	7.36	14.2	2	5.0	324	0.47	0.31	5.4	0.389	0.96	5.2
N828142		9.5	34.1	<0.002	2.55	10.50	14.1	2	5.7	234	0.45	0.37	4.5	0.448	0.75	6.3
N828143		1.4	1.1	<0.002	0.04	0.29	0.3	1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N828144		3.7	84.5	0.003	2.95	2.33	11.1	2	4.5	220	0.56	0.33	9.2	0.253	1.27	3.7





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**CERTIFICATE OF ANALYSIS WH12133937**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N828109		67	7.5	14.5	271	29.1			
N828110		69	5.4	16.4	205	33.0			
N828111		73	3.7	14.2	110	30.2			
N828112		64	4.6	12.7	423	22.7			
N828113		58	5.5	10.0	5370	28.8			
N828114		73	4.6	12.7	572	24.3			
N828115		70	6.7	14.6	418	27.3			
N828116		70	2.3	15.6	122	26.8			
N828117		72	2.3	15.4	208	26.1			
N828118		63	7.9	9.8	329	23.8			
N828119		83	6.9	14.2	630	27.9			
N828120		81	6.8	14.4	782	30.2			
N828121		63	5.2	11.7	713	22.8			
N828122		75	1.3	16.5	49	27.8			
N828123		65	3.8	13.4	513	24.4			
N828124		73	2.9	15.0	162	26.9			
N828125		77	2.9	16.8	104	31.1			
N828126		72	3.3	14.6	126	30.4			
N828127		72	3.1	15.7	48	29.6			
N828128		73	6.5	14.4	57	31.1			
N828129		57	4.4	9.7	>10000	31.7	126	0.952	1.610
N828130		76	4.2	17.2	112	28.1			
N828131		3	0.1	0.8	20	<0.5			
N828132		75	3.1	15.7	40	25.3			
N828133		73	4.1	14.9	45	27.2			
N828134		89	1.9	18.2	47	27.1			
N828135		73	1.3	17.6	41	29.0			
N828136		80	1.6	16.7	42	27.9			
N828137		77	1.5	16.4	41	27.9			
N828138		63	1.4	13.4	37	38.1			
N828139		73	1.5	15.8	39	28.1			
N828140		76	1.0	16.3	36	34.9			
N828141		116	1.6	18.8	40	66.6			
N828142		146	2.7	16.1	43	81.5			
N828143		2	0.1	1.0	14	0.6			
N828144		77	1.2	12.0	27	35.5			



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**CERTIFICATE OF ANALYSIS WH12133937**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12133938**

Project: Klaza-64

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-21d	Sample logging - ClientBarCode Dup
PUL-31d	Pulverize Split - duplicate
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: HEATHER SMITH**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12133938**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N828181		4.17	0.085	2.70	6.99	179.5	1150	1.48	3.66	1.02	3.92	51.6	8.0	14	21.5	144.0
N828182		0.31	0.823	8.95	6.52	1860	180	1.39	6.45	1.92	42.0	42.3	16.0	23	16.70	108.5
N828183		3.64	0.298	2.05	4.81	218	580	1.02	1.66	2.22	5.08	38.1	6.0	11	16.65	29.2
N828184		4.47	0.025	0.31	7.36	29.4	1300	1.63	0.21	2.29	0.92	48.1	4.8	11	18.95	3.3
N828185		6.29	0.021	0.72	6.86	17.7	1140	1.78	0.87	1.48	1.90	57.4	21.0	13	9.20	5.5
N828186		3.95	0.053	1.60	6.72	25.3	480	1.97	2.13	2.25	3.98	71.7	89.8	11	9.78	7.9
N828187		4.43	0.055	1.22	7.60	40.3	870	1.64	1.73	1.85	7.82	44.1	8.5	10	8.78	21.3
N828188		2.62	<0.005	0.01	0.07	<5	30	<0.05	0.02	22.2	0.09	1.13	2.0	2	0.17	2.4
N828189		3.83	0.040	0.87	7.39	54.3	740	1.57	1.23	1.25	9.10	39.7	3.1	10	10.55	18.7
N828190		3.90	0.147	3.06	6.64	273	790	1.30	5.02	1.33	5.33	43.9	11.5	11	7.69	78.4
N828191		3.32	0.017	0.73	6.83	19.8	3230	1.30	1.10	2.57	0.46	52.6	13.1	10	10.70	15.4
N828192		3.54	0.064	0.73	7.03	73.9	1120	1.33	0.89	2.58	4.85	42.7	5.4	9	11.45	9.5
N828193		3.70	0.006	0.24	7.07	16.7	790	1.41	0.27	2.76	0.26	51.8	4.2	11	14.35	3.6
N828194		3.42	0.225	0.50	6.56	347	1640	1.14	0.43	2.97	1.39	35.5	2.3	9	12.50	6.0
N828195		3.85	0.013	3.33	7.48	177.0	1510	1.47	6.37	2.06	5.57	32.9	1.6	10	12.95	5.0
N828196		3.94	0.028	1.08	7.04	369	1160	1.21	1.32	2.08	6.49	35.9	5.6	9	7.67	7.7
N828197		4.26	0.045	1.64	7.12	134.0	550	1.41	2.37	1.40	8.71	49.9	7.5	11	12.00	23.5
N828198		2.02	0.081	2.11	7.23	451	620	1.41	2.95	1.15	10.15	45.3	7.0	11	11.35	29.8
N828199		4.16	0.469	6.72	6.98	377	640	1.61	11.55	2.05	4.94	57.3	10.3	10	11.00	39.5
N828200		3.72	0.009	0.40	7.13	11.9	1470	1.55	0.77	3.15	0.33	43.5	8.6	12	9.27	24.7
N828201		9.90	0.006	0.13	7.35	7.0	1430	1.59	0.24	2.84	0.17	42.9	4.7	14	10.25	5.8
N828202		11.55	0.019	0.21	7.36	11.1	520	1.66	0.31	3.45	0.80	38.1	1.5	13	10.05	17.3
N828203		7.88	0.147	1.52	7.15	823	630	1.41	1.55	2.88	17.70	37.1	2.5	12	5.88	50.2
N828204		2.48	<0.005	0.08	0.13	<5	20	0.05	0.04	20.7	0.08	1.55	0.9	3	0.15	2.7
N828205		3.92	1.300	33.6	6.79	9650	230	1.35	41.7	0.90	16.05	29.5	11.1	8	5.99	860
N828206		3.55	0.325	8.40	7.22	70.3	950	1.37	12.10	2.07	9.87	47.3	2.0	9	9.03	160.5
N828207		2.06	0.007	0.51	7.29	19.5	270	1.43	0.40	3.80	0.95	38.0	1.7	10	13.30	22.7
N828208		3.35	0.005	0.44	6.92	6.6	1310	1.48	0.57	4.02	2.94	51.8	3.9	10	14.65	36.1
N828209		12.03	0.022	1.04	7.20	62.4	1920	1.51	0.19	2.52	0.90	48.2	6.0	14	9.20	16.0
N828210		3.28	0.146	1.13	7.15	1350	1740	1.47	0.21	2.87	7.00	50.7	6.2	13	10.85	27.6
N828211		2.39	0.008	0.43	7.34	18.5	1680	1.41	0.73	2.27	3.11	55.1	5.6	12	11.15	14.7
N828212		0.31	0.766	10.95	6.49	1800	640	1.41	6.59	1.86	39.9	45.5	16.5	21	15.25	107.0
N828213		4.22	0.409	17.95	7.05	273	560	1.30	32.7	2.05	5.96	49.9	6.7	11	9.13	277
N828214		3.62	0.006	0.42	7.59	10.3	2230	1.57	0.30	2.36	0.45	48.0	6.9	13	7.78	11.8
N828215		<0.02	0.006	0.25	7.31	9.6	2150	1.52	0.30	2.26	0.47	53.8	7.1	11	7.87	12.0
N828216		8.47	0.006	0.31	7.13	9.5	2250	1.35	0.24	2.35	0.30	43.9	7.2	14	9.15	10.3



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Account: ROCKHA

Project: Klaza-64

**CERTIFICATE OF ANALYSIS WH12133938**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828181		5.91	16.40	0.15	1.0	0.211	2.64	29.0	143.0	0.71	1640	0.84	0.06	7.4	3.3	510
N828182		5.38	16.20	0.16	1.4	0.929	2.82	21.1	23.8	0.69	1970	12.05	0.26	7.8	15.0	500
N828183		4.29	11.05	0.14	0.8	0.200	1.76	21.3	69.7	0.70	1450	1.22	0.04	4.8	3.0	360
N828184		3.70	16.50	0.13	1.1	0.109	2.03	23.7	186.5	0.88	1650	1.33	0.05	7.9	2.3	590
N828185		3.22	17.10	0.12	1.1	0.238	2.30	28.5	139.5	0.61	1660	0.48	0.07	7.8	4.2	620
N828186		3.39	16.25	0.14	0.9	0.340	2.39	37.4	192.5	0.84	1580	4.38	0.09	6.3	10.2	510
N828187		3.13	17.05	0.13	1.0	0.548	3.50	17.9	34.4	0.77	2140	2.16	0.05	7.6	2.5	580
N828188		0.51	0.43	<0.05	<0.1	<0.005	0.03	0.5	0.9	13.30	228	0.10	<0.01	0.3	2.3	170
N828189		4.33	15.45	0.16	0.8	0.582	2.91	14.9	189.0	0.72	3250	0.44	0.04	6.4	2.6	560
N828190		4.36	14.90	0.17	0.8	0.385	2.95	18.9	19.8	0.66	1680	2.83	0.03	6.1	3.8	500
N828191		1.91	15.35	0.15	0.9	0.110	2.83	22.8	40.9	0.92	922	2.04	0.05	7.1	3.8	530
N828192		2.93	15.10	0.14	0.9	0.336	1.85	17.6	21.3	0.69	1380	5.52	0.69	6.7	2.6	560
N828193		2.22	14.80	0.17	1.0	0.077	2.02	22.6	104.0	0.76	834	0.74	0.36	6.9	2.2	560
N828194		2.41	11.10	0.11	0.6	0.143	2.64	15.2	22.2	0.93	2150	0.73	0.04	4.7	1.6	690
N828195		2.45	15.30	0.17	0.8	0.432	3.08	12.2	95.5	0.89	1740	1.02	0.05	7.0	1.5	500
N828196		3.62	14.30	0.17	0.6	0.668	3.19	12.4	5.9	0.84	3760	6.72	0.05	5.2	2.6	500
N828197		5.42	15.15	0.18	0.8	0.745	3.05	20.5	67.1	0.83	4750	0.75	0.04	6.0	2.8	530
N828198		6.04	14.90	0.14	0.8	0.762	3.11	19.5	63.3	0.81	5550	0.62	0.04	5.9	3.0	530
N828199		5.52	15.20	0.20	0.8	0.325	2.75	27.5	103.5	0.79	2080	0.57	0.06	6.2	2.2	560
N828200		2.71	15.90	0.14	1.0	0.111	2.26	18.7	13.4	0.74	642	0.56	2.03	7.1	2.6	590
N828201		2.41	16.10	0.12	1.0	0.079	1.72	19.3	18.3	0.82	479	0.75	2.53	7.7	2.5	580
N828202		1.74	15.70	0.16	0.9	0.189	0.82	14.0	17.2	0.82	584	0.47	2.74	7.5	1.8	570
N828203		2.72	16.65	0.16	0.8	0.644	2.47	11.4	14.8	0.62	1440	0.44	0.87	6.8	1.4	320
N828204		0.52	0.29	0.11	<0.1	0.010	0.03	0.7	0.9	12.65	214	0.16	0.02	0.3	2.8	170
N828205		8.89	18.25	0.18	0.6	0.973	3.01	11.0	17.9	0.58	2630	1.16	0.06	5.5	1.8	320
N828206		3.45	15.90	0.18	0.7	0.669	2.39	15.5	41.2	0.79	2020	0.40	0.18	7.3	1.0	520
N828207		2.01	14.90	0.14	0.8	0.180	0.76	14.7	24.2	1.08	644	0.32	1.28	7.4	1.4	590
N828208		2.94	15.50	0.15	0.8	0.177	1.99	22.8	18.5	1.01	801	0.78	1.37	7.2	1.8	580
N828209		2.99	16.00	0.16	0.9	0.055	2.45	22.8	14.2	0.81	622	2.87	2.18	7.3	2.4	560
N828210		3.14	15.80	0.15	1.0	0.060	2.51	25.9	14.0	0.86	673	1.75	1.30	7.4	2.6	580
N828211		3.27	15.45	0.19	1.0	0.304	2.73	27.8	12.4	0.68	1200	1.72	1.43	7.1	2.4	570
N828212		5.31	14.70	0.19	1.4	0.878	2.76	22.4	24.1	0.68	1890	12.05	0.26	6.9	14.8	470
N828213		5.01	14.25	0.17	0.9	0.382	2.60	24.7	12.8	0.71	1100	3.36	1.43	6.4	2.3	530
N828214		3.27	16.20	0.19	0.9	0.051	2.65	22.7	13.5	0.94	625	6.63	2.43	7.6	2.6	600
N828215		3.05	16.20	0.19	0.9	0.059	2.55	26.1	13.4	0.91	597	4.64	2.33	7.7	2.6	580
N828216		3.11	14.65	0.15	0.9	0.039	2.57	21.0	14.0	0.86	600	6.21	2.20	6.8	2.6	570



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**CERTIFICATE OF ANALYSIS WH12133938**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828181		216	148.5	<0.002	1.36	26.1	9.4	1	3.9	83.7	0.61	0.15	13.5	0.215	1.95	4.7
N828182		1335	148.5	<0.002	3.16	34.2	8.8	1	5.8	144.5	0.62	0.28	11.4	0.211	2.56	5.2
N828183		109.0	84.2	<0.002	1.68	52.8	6.8	1	2.0	111.0	0.44	<0.05	9.6	0.152	1.47	6.4
N828184		61.1	93.2	<0.002	0.23	17.20	10.8	1	3.1	195.5	0.64	<0.05	13.8	0.241	1.72	4.8
N828185		69.6	95.1	<0.002	0.53	20.5	9.9	1	3.7	113.5	0.64	0.15	11.3	0.250	2.06	5.4
N828186		101.5	142.0	0.004	1.61	23.0	9.3	1	3.0	111.5	0.53	0.48	12.4	0.188	2.18	4.8
N828187		72.4	200	<0.002	0.88	7.17	10.4	1	3.4	72.9	0.62	0.16	12.9	0.236	3.23	4.7
N828188		2.6	1.6	<0.002	0.01	0.07	0.4	<1	<0.2	42.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N828189		97.2	172.5	0.003	0.60	8.43	11.1	<1	4.6	73.1	0.60	0.13	13.7	0.232	2.76	4.7
N828190		145.5	185.5	0.005	2.48	25.8	10.0	1	6.0	50.3	0.52	0.38	12.6	0.208	2.81	4.3
N828191		48.6	166.0	0.003	0.58	8.87	10.2	1	3.2	114.5	0.58	0.26	13.4	0.227	2.98	5.6
N828192		63.1	108.5	0.004	0.63	9.12	10.4	1	4.6	147.0	0.57	0.19	12.3	0.230	1.84	3.9
N828193		13.3	81.5	0.004	0.21	7.08	10.3	1	2.3	152.0	0.61	0.06	11.9	0.249	1.83	4.0
N828194		50.5	137.0	<0.002	0.76	12.35	8.2	1	2.6	84.4	0.40	0.07	9.1	0.211	2.22	3.8
N828195		110.5	174.5	0.002	0.24	7.00	11.7	1	4.0	94.0	0.59	0.15	13.2	0.246	3.19	3.6
N828196		102.0	179.5	0.005	0.43	8.21	8.9	<1	4.1	44.8	0.47	0.19	12.9	0.194	3.27	3.8
N828197		110.5	181.5	<0.002	0.85	6.63	10.0	1	5.3	62.4	0.52	0.15	13.2	0.217	3.12	5.1
N828198		136.0	181.0	0.002	0.96	9.62	9.9	1	5.5	52.0	0.48	0.32	12.7	0.211	3.14	4.8
N828199		255	165.5	0.002	2.66	9.78	11.5	1	6.7	90.5	0.52	0.17	12.3	0.234	2.62	4.9
N828200		31.9	89.6	0.005	0.33	2.54	10.4	1	2.3	364	0.57	0.08	12.5	0.253	1.35	3.7
N828201		17.6	62.9	0.002	0.06	2.81	11.1	1	2.2	410	0.64	0.06	12.5	0.254	0.82	3.6
N828202		24.0	36.4	0.002	0.08	4.17	10.6	1	3.3	414	0.68	0.05	13.1	0.248	0.74	3.7
N828203		84.2	139.5	0.003	0.80	4.87	10.5	1	4.7	161.0	0.59	0.09	11.7	0.242	2.14	4.1
N828204		1.8	1.3	0.003	0.01	0.17	0.5	<1	0.3	46.0	<0.05	<0.05	<0.2	0.010	0.03	0.5
N828205		371	202	0.003	5.90	47.8	10.7	1	12.3	33.0	0.47	1.80	13.7	0.196	2.63	4.9
N828206		95.7	140.0	0.002	0.59	11.60	10.8	1	5.0	113.5	0.63	0.09	13.7	0.240	2.58	4.0
N828207		20.0	39.8	0.002	0.04	5.93	11.1	1	2.3	313	0.63	0.06	13.3	0.257	0.86	4.2
N828208		55.5	80.5	<0.002	0.04	5.37	11.0	1	2.6	346	0.63	<0.05	11.6	0.246	1.19	4.2
N828209		25.9	93.1	0.004	0.14	4.04	10.4	<1	1.9	390	0.60	<0.05	12.4	0.247	1.14	3.9
N828210		173.5	104.0	0.002	0.31	8.56	10.8	1	2.7	299	0.60	<0.05	13.3	0.245	1.26	4.0
N828211		27.9	125.0	0.003	0.34	3.09	10.7	1	2.7	272	0.61	0.05	15.0	0.248	1.73	4.6
N828212		1295	153.5	0.004	2.98	31.8	8.9	1	5.8	147.0	0.61	0.76	11.8	0.202	2.41	5.3
N828213		225	120.5	0.004	2.70	8.31	9.9	1	3.2	281	0.55	0.19	12.8	0.229	1.52	4.2
N828214		21.2	98.7	0.002	0.05	1.60	11.1	1	2.0	474	0.62	<0.05	12.8	0.262	1.05	4.1
N828215		23.2	106.0	0.002	0.05	1.61	11.3	<1	2.0	452	0.61	<0.05	13.2	0.254	1.06	4.0
N828216		18.3	93.1	0.002	0.06	1.86	10.2	1	1.7	411	0.56	<0.05	11.3	0.249	0.98	3.5



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**CERTIFICATE OF ANALYSIS WH12133938**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828181		59	6.1	12.5	606	29.0
N828182		57	5.4	11.3	3050	40.9
N828183		45	4.4	11.7	631	18.7
N828184		66	8.9	16.2	177	27.5
N828185		62	4.4	11.5	208	27.9
N828186		53	2.5	14.2	361	22.6
N828187		59	5.3	11.7	749	25.8
N828188		2	0.1	0.8	19	<0.5
N828189		61	4.5	10.0	888	18.9
N828190		55	4.6	10.7	531	19.5
N828191		57	2.5	14.5	72	23.0
N828192		62	2.4	13.4	453	21.9
N828193		67	1.9	14.5	51	24.9
N828194		61	2.4	11.3	202	15.1
N828195		61	3.2	11.8	566	20.2
N828196		65	2.8	11.0	605	16.6
N828197		62	4.5	10.7	794	18.2
N828198		60	4.7	11.5	943	18.3
N828199		73	4.9	12.3	470	19.1
N828200		71	2.0	14.6	66	23.0
N828201		68	2.2	14.0	46	26.0
N828202		64	1.7	15.8	92	22.7
N828203		59	2.9	11.7	1380	20.1
N828204		3	0.3	0.8	17	1.2
N828205		69	5.9	8.7	1280	17.4
N828206		47	3.6	13.1	783	16.9
N828207		67	2.6	14.9	107	20.6
N828208		67	3.5	16.9	232	20.6
N828209		67	4.1	14.7	85	22.5
N828210		68	4.7	15.5	419	24.8
N828211		69	4.6	14.1	334	23.9
N828212		56	5.2	10.9	2950	36.1
N828213		63	4.2	13.6	562	21.2
N828214		70	5.4	16.2	66	22.6
N828215		69	4.3	17.2	67	23.0
N828216		69	3.7	15.1	53	22.3



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**CERTIFICATE OF ANALYSIS WH12133938**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12133939**

Project: Klaza-64

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12133939**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828145		6.77	<0.005	0.18	7.01	11.7	1140	1.44	1.49	3.53	0.06	42.3	50.1	6	6.97	11.1
N828146		0.30	2.24	26.0	5.70	3400	940	1.38	19.25	2.13	82.5	43.9	11.5	17	16.15	430
N828147		4.22	0.009	0.81	7.08	31.3	1260	1.48	1.26	4.54	0.20	42.2	23.2	8	8.55	30.7
N828148		4.36	<0.005	0.55	7.47	14.0	1660	1.65	0.79	2.98	0.16	49.3	7.9	8	7.93	16.5
N828149		13.04	<0.005	0.12	7.49	10.1	2200	1.38	0.34	2.12	0.14	46.1	12.7	9	11.00	5.8
N828150		13.75	<0.005	0.12	7.40	9.9	1870	1.57	0.25	2.76	0.15	46.6	8.1	10	12.30	10.1
N828151		10.99	0.193	0.28	7.09	40.6	1890	1.53	0.15	2.86	0.64	42.1	7.9	10	13.95	13.5
N828152		4.78	<0.005	0.12	7.94	76.9	1880	1.31	0.23	1.36	0.43	52.4	6.7	6	14.65	4.1
N828153		2.47	<0.005	<0.01	0.06	5	20	<0.05	0.02	20.6	0.06	1.26	1.1	1	0.15	5.1
N828154		5.12	0.159	2.81	7.08	334	410	1.21	6.83	1.06	1.01	35.2	40.4	7	11.35	42.3
N828155		5.83	0.033	0.42	8.02	90.2	2070	1.48	0.62	2.56	0.86	46.3	4.9	9	17.50	23.1
N828156		13.12	0.012	0.28	7.96	11.2	2200	1.41	0.55	2.60	0.22	48.8	6.4	10	11.90	6.4
N828157		13.64	0.021	0.37	7.94	20.5	1410	1.46	0.86	2.78	1.51	59.1	16.3	9	8.77	9.0
N828158		4.36	0.014	0.51	8.00	15.5	780	1.58	1.19	2.48	1.59	62.2	21.1	8	10.65	24.0
N828159		2.20	0.007	0.65	7.43	17.6	790	1.52	1.35	2.13	2.07	60.2	21.6	7	10.95	44.7
N828160		4.20	0.025	1.64	7.20	42.9	1020	1.35	2.24	3.33	7.72	79.7	23.5	7	7.45	287
N828161		4.63	0.021	1.14	7.61	27.5	1160	1.62	1.74	4.29	1.43	51.4	24.8	11	13.45	158.0
N828162		2.85	0.035	3.19	7.32	52.7	290	1.86	6.06	2.73	7.49	30.1	53.2	6	9.56	551
N828163		4.79	0.075	2.43	7.07	54.2	500	1.41	3.70	3.75	11.85	42.8	48.6	6	8.16	437
N828164		0.30	4.33	>100	5.75	8040	660	1.13	58.2	2.02	231	34.5	9.3	16	12.00	1305
N828165		4.61	0.010	1.66	7.87	26.1	440	1.64	3.49	3.59	1.63	61.0	44.0	7	9.00	35.4
N828166		5.03	<0.005	0.16	7.79	12.6	750	1.41	1.62	3.88	0.12	89.4	35.3	9	6.48	6.0
N828167		4.39	0.005	0.16	8.30	13.5	450	1.42	1.85	4.04	0.05	53.8	44.1	9	6.98	8.6
N828168		5.98	<0.005	0.09	7.89	6.3	1940	1.35	0.43	2.69	0.09	53.3	14.9	10	8.31	16.4
N828169		12.47	<0.005	0.11	8.20	8.7	2350	1.66	0.19	2.75	0.59	51.0	9.2	11	10.40	9.6
N828170		11.08	<0.005	0.08	7.90	5.8	2170	1.62	0.13	2.43	0.18	51.3	7.3	13	10.95	7.0
N828171		2.01	<0.005	0.06	8.08	5.6	2380	1.66	0.10	2.47	0.16	51.5	5.3	11	11.85	3.5
N828172		<0.02	<0.005	0.06	8.46	5.4	2420	1.81	0.09	2.59	0.15	59.1	5.5	10	12.15	3.6
N828173		2.85	<0.005	0.12	8.09	7.3	2250	1.62	0.11	1.85	0.40	49.0	6.7	9	14.95	7.9
N828174		2.38	<0.005	0.07	8.54	5.8	2260	1.69	0.09	3.16	0.13	57.9	9.3	15	14.35	15.3
N828175		2.65	<0.005	0.50	7.70	8.0	1860	1.53	0.17	3.34	0.28	54.0	6.6	7	14.25	229
N828176		4.14	0.042	0.75	7.67	32.8	1320	1.68	1.04	1.64	1.90	53.2	6.2	8	19.15	33.3
N828177		8.06	0.016	0.33	7.88	109.5	2210	1.54	0.20	2.51	3.05	57.2	7.2	13	13.45	17.5
N828178		12.22	<0.005	0.12	7.55	10.0	1970	1.52	0.11	2.40	0.64	50.6	7.2	10	14.55	11.4
N828179		1.31	<0.005	<0.01	0.08	<5	20	0.08	0.02	21.3	0.07	1.43	1.3	2	0.16	1.7
N828180		13.28	0.015	0.21	7.76	12.7	2050	1.38	0.24	2.11	0.25	50.7	6.9	11	20.6	13.0



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Account: ROCKHA

Project: Klaza-64

**CERTIFICATE OF ANALYSIS WH12133939**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828145		2.85	16.60	0.10	1.2	0.071	1.78	21.2	9.6	0.90	690	0.74	2.03	7.4	3.0	670
N828146		6.34	15.35	0.14	0.9	1.840	2.65	24.2	28.7	0.89	1840	13.95	0.04	6.4	15.8	430
N828147		2.88	15.25	0.07	1.0	0.158	2.75	22.8	11.7	0.73	1430	1.58	0.55	6.5	2.9	540
N828148		2.38	16.55	0.10	1.0	0.089	2.69	25.4	11.0	0.69	798	0.93	1.65	7.9	1.8	580
N828149		3.29	17.55	0.10	1.0	0.046	2.68	23.7	22.5	0.72	549	1.35	1.66	8.3	2.8	580
N828150		2.94	17.35	0.09	1.1	0.069	2.70	23.6	16.9	0.81	771	1.18	2.12	8.3	2.4	580
N828151		3.21	17.10	0.10	1.0	0.108	3.00	20.9	12.0	0.75	1360	1.98	1.61	8.2	2.4	570
N828152		3.31	17.90	0.12	1.0	0.054	2.93	29.0	68.4	0.56	823	2.13	0.34	8.5	2.7	600
N828153		0.47	0.19	0.05	<0.1	<0.005	0.02	0.6	0.9	12.90	213	0.16	0.01	0.2	2.1	170
N828154		8.40	17.25	0.20	1.4	0.196	2.79	19.6	61.7	0.57	1700	5.69	0.05	5.9	4.1	750
N828155		3.68	18.50	0.14	1.1	0.161	3.57	22.9	23.4	0.65	1480	1.90	0.75	8.6	2.4	680
N828156		2.81	18.20	0.14	1.0	0.097	2.85	24.4	17.2	0.66	688	4.07	1.11	8.6	2.8	660
N828157		3.15	18.05	0.15	0.9	0.155	2.33	27.5	20.7	0.67	750	0.90	0.96	7.9	2.5	660
N828158		3.13	17.65	0.15	1.1	0.263	2.27	34.0	30.1	0.85	1140	1.35	0.14	8.1	2.9	610
N828159		2.95	16.00	0.14	0.9	0.368	2.37	32.8	23.8	0.71	1040	0.62	0.09	7.5	2.5	590
N828160		3.46	14.65	0.16	0.9	0.586	2.31	47.5	19.2	0.90	1320	1.17	0.28	5.9	2.4	490
N828161		3.81	16.15	0.16	1.3	0.286	2.27	28.6	25.2	1.14	1660	2.12	0.24	6.4	4.8	680
N828162		6.68	17.50	0.19	1.7	1.010	2.59	14.1	27.1	0.80	1880	6.16	0.06	5.7	5.5	910
N828163		4.55	15.10	0.16	1.1	0.786	2.75	24.5	18.2	0.78	1540	2.47	0.06	5.5	2.8	610
N828164		8.32	13.60	0.22	1.1	5.25	2.31	19.9	30.2	0.64	3130	15.00	0.09	5.8	15.0	470
N828165		4.66	18.20	0.15	1.6	0.328	2.64	31.5	15.2	0.65	1380	0.64	0.84	7.0	5.0	850
N828166		3.38	17.25	0.18	1.3	0.103	2.05	50.6	13.0	0.84	669	0.53	1.63	7.2	3.7	760
N828167		4.34	17.95	0.17	1.6	0.098	1.71	28.5	12.5	1.24	757	1.28	1.98	7.1	5.0	870
N828168		3.24	16.50	0.15	1.1	0.054	2.31	28.6	11.2	0.84	570	0.95	2.10	8.1	2.7	640
N828169		3.19	17.25	0.15	1.2	0.055	2.76	27.4	13.2	0.83	600	0.91	2.30	8.7	2.7	640
N828170		2.89	16.85	0.16	1.2	0.037	2.65	27.4	14.4	0.77	532	1.05	2.47	8.4	2.6	570
N828171		3.07	17.10	0.18	1.2	0.043	2.81	27.0	15.6	0.80	555	1.23	2.47	8.7	2.9	580
N828172		3.07	17.75	0.18	1.2	0.043	2.88	32.3	15.9	0.83	566	1.66	2.52	8.9	2.6	620
N828173		3.45	17.30	0.17	1.2	0.056	2.85	26.6	21.4	0.96	575	1.50	1.71	8.9	2.7	610
N828174		3.73	17.85	0.19	1.4	0.054	2.70	31.3	17.2	1.00	715	3.11	2.56	9.4	5.1	780
N828175		4.56	16.10	0.18	1.1	0.158	2.71	29.8	31.5	0.75	1600	1.46	1.22	8.1	2.5	570
N828176		5.87	16.15	0.20	1.0	0.223	2.78	29.6	69.2	0.75	2250	1.00	0.52	7.5	2.4	540
N828177		3.53	16.40	0.18	1.1	0.092	2.90	30.9	21.8	0.83	1060	1.09	1.98	8.2	2.6	580
N828178		3.62	16.00	0.18	1.1	0.073	2.71	26.5	27.8	0.78	1000	0.98	1.76	8.0	2.4	560
N828179		0.52	0.26	0.07	<0.1	<0.005	0.03	0.7	1.0	13.25	227	0.12	0.01	0.3	2.0	170
N828180		3.35	16.55	0.15	1.1	0.063	2.77	26.8	69.5	0.72	822	0.93	0.98	8.2	2.3	600



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Account: ROCKHA

Project: Klaza-64

**CERTIFICATE OF ANALYSIS WH12133939**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828145		6.2	75.7	<0.002	1.91	2.58	11.5	1	4.2	307	0.58	0.34	10.2	0.246	1.11	3.6
N828146		2720	161.0	0.002	4.77	97.1	8.7	2	8.4	94.4	0.51	0.53	10.5	0.174	2.29	5.3
N828147		18.9	150.0	<0.002	1.38	3.76	10.0	<1	6.0	146.0	0.57	0.35	13.2	0.206	1.84	5.7
N828148		16.9	126.5	<0.002	0.42	3.32	11.0	<1	4.8	268	0.70	0.20	13.3	0.230	1.47	4.6
N828149		13.5	96.6	<0.002	0.57	7.42	10.8	<1	2.8	299	0.65	0.09	11.7	0.243	1.01	3.2
N828150		14.1	102.5	<0.002	0.34	2.11	11.3	1	2.5	351	0.67	0.07	11.9	0.242	1.22	3.4
N828151		40.4	104.0	<0.002	0.32	4.12	10.3	<1	2.7	293	0.63	0.07	11.2	0.243	1.54	3.4
N828152		34.0	128.0	<0.002	0.26	23.1	11.6	<1	2.0	133.5	0.68	0.07	14.0	0.252	1.39	4.3
N828153		2.7	1.3	<0.002	0.02	0.06	0.2	1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N828154		104.0	174.5	0.002	7.18	28.9	10.9	2	5.8	64.6	0.47	0.58	9.6	0.255	2.55	6.1
N828155		44.4	168.5	0.002	0.69	8.57	11.8	1	3.5	203	0.73	<0.05	11.0	0.270	2.47	4.2
N828156		20.8	122.5	0.002	0.29	8.39	12.1	1	3.7	231	0.68	0.05	10.5	0.277	1.58	3.3
N828157		23.7	106.0	<0.002	1.12	7.09	12.3	1	5.6	152.5	0.62	0.16	11.1	0.257	1.48	4.3
N828158		29.8	122.0	<0.002	0.98	17.15	11.9	1	5.1	84.2	0.71	0.12	12.9	0.254	1.63	6.1
N828159		37.2	133.0	<0.002	1.05	20.5	11.1	1	5.1	70.0	0.63	0.14	12.0	0.236	1.73	6.8
N828160		83.8	137.0	0.002	1.57	48.1	11.4	1	5.4	99.1	0.50	0.33	11.3	0.192	1.79	4.0
N828161		70.3	124.0	0.002	1.42	24.6	11.6	1	4.6	151.0	0.55	0.20	11.7	0.255	1.77	4.7
N828162		175.0	145.5	0.005	3.73	45.5	12.9	2	5.0	94.2	0.42	0.47	5.1	0.325	2.06	3.9
N828163		192.5	178.0	0.002	2.66	27.6	10.5	1	7.4	114.0	0.49	0.48	10.4	0.213	2.08	5.2
N828164		9670	141.5	0.002	7.36	222	8.0	2	8.8	123.0	0.48	0.47	8.7	0.185	2.20	5.2
N828165		97.4	127.0	<0.002	3.03	7.88	12.3	2	6.4	145.5	0.58	0.46	9.7	0.296	2.01	4.5
N828166		9.2	99.5	0.002	2.37	3.62	12.0	2	5.8	212	0.60	0.32	12.3	0.252	1.23	5.1
N828167		9.4	82.2	<0.002	3.22	2.31	13.0	2	5.8	312	0.56	0.38	10.5	0.311	1.07	5.0
N828168		15.5	96.9	<0.002	0.69	1.85	12.2	1	2.4	344	0.70	0.10	13.4	0.266	0.93	4.6
N828169		19.0	115.0	<0.002	0.16	1.93	11.7	1	1.9	391	0.82	<0.05	15.4	0.264	1.11	5.3
N828170		18.0	107.5	<0.002	0.06	1.57	11.1	1	1.6	398	0.79	<0.05	14.9	0.245	0.95	5.6
N828171		18.6	113.0	<0.002	0.01	2.03	11.2	1	1.7	433	0.77	<0.05	14.6	0.258	1.01	4.3
N828172		18.2	123.0	<0.002	0.01	2.03	12.0	1	1.7	446	0.83	<0.05	15.6	0.264	1.02	4.5
N828173		25.4	123.5	<0.002	0.02	3.04	11.8	1	2.0	327	0.81	<0.05	14.9	0.255	1.18	4.0
N828174		18.9	120.5	<0.002	0.01	2.86	14.3	1	2.2	462	0.79	<0.05	15.1	0.309	1.18	4.1
N828175		21.7	117.0	<0.002	0.08	6.55	10.7	1	2.4	279	0.72	<0.05	14.0	0.241	1.51	9.9
N828176		46.2	128.0	<0.002	0.26	14.60	10.5	1	3.8	140.5	0.63	0.09	14.2	0.232	2.14	4.5
N828177		123.5	121.0	<0.002	0.11	2.18	11.4	1	2.2	332	0.73	<0.05	14.3	0.248	1.44	4.7
N828178		60.8	113.0	<0.002	0.06	3.05	10.7	1	2.2	297	0.73	<0.05	13.1	0.243	1.46	4.9
N828179		1.8	1.5	<0.002	0.01	0.07	0.3	1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N828180		20.8	121.0	<0.002	0.09	11.40	11.0	1	2.2	221	0.74	0.05	13.2	0.253	1.42	3.9



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**CERTIFICATE OF ANALYSIS WH12133939**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828145		76	1.5	15.1	36	39.2		
N828146		57	5.4	10.3	5320	28.3		
N828147		66	6.7	17.1	49	26.3		
N828148		68	5.0	16.7	44	29.9		
N828149		71	2.3	15.6	45	28.9		
N828150		72	1.9	16.6	44	31.1		
N828151		71	2.5	14.6	79	27.7		
N828152		72	7.6	16.1	72	29.1		
N828153		<1	0.1	0.8	14	<0.5		
N828154		87	10.8	15.7	106	47.4		
N828155		75	3.0	15.6	102	30.5		
N828156		78	2.6	17.1	51	26.7		
N828157		77	2.0	20.3	183	26.3		
N828158		73	4.0	19.8	184	29.6		
N828159		67	4.6	17.4	223	26.3		
N828160		70	4.2	19.1	689	25.5		
N828161		78	4.4	20.9	175	43.1		
N828162		97	6.4	15.9	705	62.6		
N828163		73	7.9	15.6	966	34.0		
N828164		53	4.5	10.4	>10000	33.6	116	1.535
N828165		92	4.1	17.2	162	53.0		
N828166		86	1.6	19.6	40	44.0		
N828167		98	1.9	19.3	46	55.8		
N828168		77	1.6	17.6	41	29.8		
N828169		72	1.6	19.3	74	31.0		
N828170		67	1.3	18.0	44	32.5		
N828171		69	1.7	18.7	42	40.1		
N828172		71	1.7	20.2	42	32.6		
N828173		72	3.0	15.3	71	33.2		
N828174		92	2.4	22.7	49	37.8		
N828175		64	5.0	18.7	88	32.2		
N828176		63	7.2	13.7	259	27.0		
N828177		67	2.4	18.1	290	30.4		
N828178		66	3.3	17.0	96	30.5		
N828179		<1	0.1	0.9	18	<0.5		
N828180		71	3.6	17.7	63	32.3		



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Project: Klaza-64

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**CERTIFICATE OF ANALYSIS WH12133939**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12133974**

Project: Klaza-64/65

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 28-JUN-2012  
Account: ROCKHA

Project: Klaza-64/65

**CERTIFICATE OF ANALYSIS WH12133974**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828217		11.30	0.010	0.27	7.41	26.2	2100	1.50	0.34	2.68	0.59	53.1	7.9	12	8.56	17.6
N828218		4.61	<0.005	0.10	7.45	8.4	2490	1.55	0.19	2.20	0.15	54.9	6.9	15	10.25	7.8
N828219		3.46	<0.005	0.32	7.18	9.4	1970	1.44	0.51	2.80	0.11	51.6	7.3	15	8.01	10.4
N828220		1.47	<0.005	0.55	7.34	8.1	2000	1.48	0.49	2.84	0.12	53.6	6.6	13	8.54	10.8
N828221		2.72	0.059	2.75	7.24	134.0	1410	1.42	1.86	2.01	11.00	55.8	8.9	12	10.65	104.0
N828222		5.72	0.038	1.15	6.99	74.9	1560	1.46	0.98	2.06	2.51	50.3	7.4	13	9.90	34.0
N828223		3.56	0.016	0.23	7.09	12.6	2060	1.34	0.44	2.45	0.63	51.6	8.5	12	9.21	7.5
N828224		2.61	<0.005	0.09	7.36	5.4	2490	1.32	0.18	2.21	0.12	55.0	7.0	14	8.49	11.9
N828225		1.37	<0.005	0.05	7.33	6.0	2540	1.40	0.12	2.30	0.12	48.4	7.7	9	8.98	8.6
N828226		9.95	0.033	0.70	7.36	101.0	2030	1.44	0.48	2.73	4.70	48.2	8.1	10	9.52	17.2
N828227		7.65	0.008	0.19	7.25	19.5	1770	1.37	0.30	1.98	0.32	47.6	6.7	10	14.65	8.1
N828228		4.61	0.377	22.9	7.11	259	950	1.46	30.1	1.75	5.28	49.1	7.1	9	16.90	505
N828229		4.82	<0.005	0.25	7.52	25.9	1950	1.80	0.34	2.05	2.00	71.9	7.0	15	18.30	13.4
N829001		4.29	0.065	3.27	6.26	64.9	1700	1.22	3.85	0.78	27.1	24.2	2.3	9	5.73	86.8
N829002		9.47	<0.005	0.39	7.41	21.4	1590	1.40	0.30	1.98	5.08	50.2	8.4	10	6.64	6.2
N829003		4.13	2.78	20.0	5.69	3190	360	0.89	8.75	0.43	578	25.7	17.4	8	5.75	461
N829004		2.87	<0.005	0.05	0.06	6	20	0.06	0.04	21.4	0.67	1.19	1.4	<1	0.12	2.9
N829005		5.18	0.007	0.57	7.92	43.8	1550	1.68	0.23	1.77	34.3	66.7	4.5	7	13.10	12.3
N829006		4.08	0.025	0.40	7.15	35.0	1110	1.40	0.22	2.66	9.82	43.3	57.7	9	5.73	4.1
N829007		6.97	0.005	0.12	7.31	12.5	1490	1.53	0.31	3.16	0.60	53.6	6.9	9	9.45	5.7
N829008		5.37	0.006	0.18	6.89	18.6	1570	1.50	0.44	3.20	1.85	44.8	8.9	9	9.21	2.1
N829009		<0.02	0.006	0.19	6.89	18.7	1570	1.44	0.42	3.19	1.90	45.4	9.2	8	9.43	1.9
N829010		6.64	<0.005	0.08	7.14	11.5	1650	1.44	0.35	2.75	5.40	52.2	5.5	8	8.87	2.4
N829011		5.80	0.006	0.40	6.82	10.0	1750	1.43	0.25	2.89	7.75	66.9	8.0	7	6.74	3.6
N829012		4.04	0.008	0.45	7.11	12.8	1730	1.33	0.34	2.40	8.94	41.1	17.2	9	4.38	4.4
N829013		4.72	0.006	0.19	6.88	14.7	1400	1.32	0.32	3.28	0.60	42.9	5.8	7	5.62	5.3
N829014		0.31	2.39	25.0	5.90	3450	270	1.23	18.55	2.22	78.8	44.5	10.1	16	14.50	428
N829015		4.40	<0.005	0.26	7.33	14.1	1500	1.63	0.38	2.93	0.64	49.9	4.5	12	13.95	14.5
N829016		12.20	<0.005	0.16	7.19	8.8	1600	1.40	0.24	2.68	0.47	50.1	7.3	9	8.97	3.8
N829017		11.51	<0.005	0.18	6.75	11.9	1370	1.43	0.23	2.85	0.84	47.6	7.4	11	7.31	2.7
N829018		3.19	0.005	0.32	6.56	15.2	1050	1.33	0.42	2.57	1.51	20.2	13.5	9	6.04	2.7
N829019		2.27	<0.005	0.01	0.12	<5	20	0.09	0.02	21.3	0.08	1.74	1.4	<1	0.65	1.5
N829020		5.48	0.278	4.12	6.77	96.2	1160	1.27	2.67	1.41	72.9	49.0	15.8	12	6.65	97.6
N829021		13.33	0.011	0.41	6.71	13.5	940	1.49	0.53	3.19	4.65	52.6	4.6	8	12.75	11.9
N829022		0.32	4.38	>100	5.42	8240	1150	1.12	62.1	1.96	222	40.1	8.6	15	12.40	1240
N829023		11.87	0.035	0.66	7.25	24.0	1180	1.55	0.68	2.81	4.53	71.2	9.7	8	10.30	10.1





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Project: Klaza-64/65

**CERTIFICATE OF ANALYSIS WH12133974**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N828217		2.97	15.95	0.16	1.1	0.060	2.68	28.1	15.5	0.81	680	3.11	1.88	7.2	2.4
N828218		3.08	16.75	0.19	1.1	0.053	2.67	26.7	15.0	0.90	600	1.72	2.39	7.8	2.8
N828219		2.91	15.25	0.18	1.0	0.060	2.56	26.0	9.6	0.78	662	1.61	1.82	6.9	2.5
N828220		2.86	15.35	0.19	1.0	0.071	2.60	28.8	10.1	0.78	671	1.53	1.78	7.1	2.7
N828221		3.56	15.65	0.21	0.9	0.329	2.74	29.4	19.7	0.83	775	1.28	0.37	7.1	2.6
N828222		3.24	15.20	0.16	0.9	0.076	2.61	25.4	16.0	0.77	766	1.30	1.10	7.0	2.5
N828223		3.14	14.80	0.15	1.0	0.087	2.58	26.0	17.6	0.90	744	1.34	1.31	6.6	2.3
N828224		2.99	15.50	0.18	1.0	0.039	2.66	26.2	14.2	0.86	571	1.20	2.29	7.0	2.5
N828225		3.07	17.55	0.20	0.9	0.037	2.74	24.5	18.3	0.88	572	1.99	2.38	8.7	2.3
N828226		3.30	17.60	0.22	1.0	0.088	2.74	23.8	18.3	0.79	918	1.51	1.93	9.0	2.2
N828227		4.14	16.40	0.22	0.9	0.119	2.69	24.3	53.4	0.82	1500	2.43	1.48	8.3	2.1
N828228		5.66	16.30	0.23	0.9	0.574	2.94	26.1	27.4	0.78	2420	2.60	0.85	7.7	2.3
N828229		3.23	19.45	0.22	3.3	0.311	2.17	37.1	246	0.86	1260	1.47	0.05	11.4	4.8
N829001		3.91	15.65	0.20	0.9	0.616	2.78	10.8	18.7	0.41	2090	6.13	0.05	5.0	1.7
N829002		2.13	18.30	0.19	1.0	0.072	2.90	24.6	50.1	0.41	1460	2.49	0.08	6.4	2.6
N829003		6.22	15.95	0.22	0.7	24.5	2.30	11.2	9.3	0.45	2440	5.91	0.10	5.2	2.6
N829004		0.49	0.29	0.21	<0.1	0.035	0.02	0.6	1.0	12.90	216	0.07	<0.01	0.3	0.3
N829005		2.83	18.45	0.24	1.1	0.148	2.94	36.0	26.0	0.50	1280	1.50	0.90	8.2	1.8
N829006		3.07	17.80	0.21	0.9	0.177	2.80	21.5	34.2	0.70	1740	0.66	0.17	6.3	4.0
N829007		2.92	17.90	0.22	1.1	0.044	2.05	26.4	11.5	0.64	684	1.69	2.09	8.0	2.1
N829008		2.61	16.95	0.20	1.0	0.035	2.28	21.3	15.5	0.54	1040	0.81	1.45	6.7	2.7
N829009		2.57	16.95	0.21	0.9	0.035	2.27	21.5	14.8	0.54	1050	0.86	1.44	6.6	2.6
N829010		2.56	17.00	0.21	0.9	0.041	1.96	26.1	14.2	0.50	568	0.84	1.93	6.8	2.2
N829011		2.43	16.95	0.21	0.9	0.063	2.04	33.9	17.4	0.61	872	1.04	1.37	6.0	1.7
N829012		2.58	16.40	0.20	0.8	0.133	2.73	19.5	23.0	0.86	1050	1.20	0.32	5.7	2.7
N829013		2.52	16.20	0.20	1.0	0.067	2.08	19.8	24.3	0.52	1020	1.15	1.43	6.5	1.4
N829014		6.74	14.00	0.25	1.0	1.710	2.53	23.5	28.3	0.91	1840	13.35	0.04	6.4	14.2
N829015		2.98	16.85	0.21	1.0	0.067	1.67	24.5	47.2	0.51	861	1.45	1.87	8.4	2.2
N829016		2.53	16.95	0.19	1.0	0.049	2.09	24.8	31.2	0.62	561	1.19	1.46	7.7	2.6
N829017		1.96	16.95	0.20	0.9	0.084	2.29	23.3	19.7	0.50	811	7.29	1.13	6.9	1.9
N829018		1.99	17.85	0.17	0.9	0.082	2.62	6.1	21.4	0.45	869	13.05	0.14	6.5	3.4
N829019		0.49	0.51	0.23	<0.1	0.005	0.05	0.8	1.7	13.10	214	0.10	0.01	0.5	0.2
N829020		5.22	14.85	0.20	0.9	3.26	2.67	24.2	49.7	0.58	3090	6.41	0.10	5.5	2.8
N829021		2.27	17.00	0.19	1.0	0.272	1.68	26.6	26.9	0.45	778	1.52	1.62	8.0	1.4
N829022		8.21	12.80	0.26	1.1	4.90	2.22	20.8	39.3	0.63	2930	15.50	0.08	6.0	12.6
N829023		3.36	18.10	0.20	1.0	0.168	2.07	39.6	42.9	0.78	1140	1.10	0.94	7.4	2.3



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Account: ROCKHA

Project: Klaza-64/65

**CERTIFICATE OF ANALYSIS WH12133974**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828217		26.6	109.5	0.002	0.14	2.82	10.5	1	2.1	352	0.64	<0.05	14.4	0.236	1.08	4.6
N828218		17.6	100.0	0.004	0.03	1.95	11.9	1	1.9	475	0.64	<0.05	14.1	0.256	0.99	4.3
N828219		17.0	99.1	0.003	0.19	3.09	10.2	1	2.5	328	0.58	0.15	13.5	0.241	1.21	4.3
N828220		17.1	104.5	0.004	0.16	3.13	10.8	1	2.8	331	0.59	0.24	13.6	0.241	1.22	4.2
N828221		386	145.0	0.003	0.89	9.21	10.8	1	3.4	148.0	0.58	0.17	14.7	0.236	1.74	4.3
N828222		176.0	116.5	0.002	0.44	4.80	10.8	1	4.1	254	0.60	0.09	13.1	0.240	1.46	3.5
N828223		31.3	106.0	0.002	0.24	3.16	10.3	1	2.2	318	0.58	0.08	12.7	0.233	1.11	3.8
N828224		16.5	103.0	0.002	0.01	1.76	10.5	<1	1.6	467	0.59	<0.05	14.8	0.245	1.15	4.3
N828225		15.4	103.0	<0.002	0.01	1.85	10.0	1	1.7	475	0.59	<0.05	11.9	0.257	0.94	2.9
N828226		73.2	114.0	<0.002	0.32	2.70	10.4	1	2.0	358	0.62	<0.05	11.5	0.251	1.10	3.3
N828227		24.2	116.0	<0.002	0.12	3.77	9.7	1	2.8	301	0.60	<0.05	11.5	0.241	1.29	3.3
N828228		466	150.0	<0.002	1.74	31.4	9.1	1	3.8	218	0.56	0.16	11.2	0.223	1.84	3.7
N828229		15.5	93.3	<0.002	0.18	14.00	7.0	1	2.6	394	0.66	<0.05	9.1	0.325	1.19	3.3
N829001		580	160.5	<0.002	0.56	9.55	7.9	1	2.0	27.9	0.38	0.07	11.3	0.151	1.94	3.4
N829002		75.8	149.5	<0.002	0.26	5.34	9.7	1	2.2	57.9	0.46	0.05	12.9	0.186	2.02	3.3
N829003		1675	133.5	<0.002	4.37	70.9	7.7	4	5.9	38.2	0.39	0.17	9.4	0.158	1.83	3.8
N829004		3.8	1.3	<0.002	0.02	0.19	0.2	1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N829005		235	158.0	<0.002	0.15	7.30	10.7	1	2.9	182.5	0.63	<0.05	15.0	0.238	1.87	3.9
N829006		142.5	160.0	<0.002	1.29	3.96	9.2	1	2.8	94.0	0.48	0.08	13.9	0.179	2.10	3.9
N829007		11.9	96.8	<0.002	0.35	3.84	10.3	1	2.3	326	0.59	<0.05	11.4	0.232	1.28	3.5
N829008		19.3	103.5	<0.002	0.57	3.56	9.5	1	2.0	242	0.50	0.05	10.1	0.205	1.47	3.0
N829009		18.3	106.5	<0.002	0.61	3.59	9.3	1	2.0	242	0.50	0.06	10.3	0.201	1.46	3.0
N829010		9.3	97.1	<0.002	0.29	3.87	9.6	1	2.2	277	0.48	0.05	10.1	0.201	1.17	2.3
N829011		104.0	83.8	<0.002	0.36	4.23	9.4	1	2.3	210	0.45	0.05	9.7	0.186	1.37	2.3
N829012		164.5	136.0	<0.002	0.69	4.51	8.4	1	2.6	103.5	0.38	0.07	11.8	0.174	1.96	3.2
N829013		20.4	79.5	<0.002	0.38	3.23	8.7	1	2.6	199.0	0.48	<0.05	9.8	0.200	1.38	3.1
N829014		2810	163.5	<0.002	4.71	93.1	7.5	2	8.3	92.6	0.45	0.37	9.8	0.174	2.07	4.7
N829015		28.6	80.3	<0.002	0.17	4.37	10.5	1	2.6	341	0.62	<0.05	11.7	0.250	1.14	3.4
N829016		17.2	86.2	<0.002	0.24	3.53	9.6	1	2.7	265	0.58	0.05	10.6	0.231	1.34	3.4
N829017		24.7	101.0	0.002	0.22	3.41	9.4	1	2.5	197.0	0.49	<0.05	9.9	0.205	1.67	3.0
N829018		21.9	120.5	0.005	0.58	6.57	9.1	1	2.8	86.7	0.46	0.09	9.1	0.187	2.23	3.2
N829019		1.2	4.8	<0.002	<0.01	0.05	0.3	1	<0.2	48.3	<0.05	<0.05	0.2	<0.005	0.02	0.4
N829020		1105	161.0	0.005	1.58	5.94	9.3	1	4.3	49.3	0.41	0.08	11.8	0.168	2.15	3.8
N829021		98.5	77.7	<0.002	0.18	3.19	9.0	1	3.5	266	0.59	<0.05	10.2	0.228	1.25	3.3
N829022		9520	141.0	0.002	6.98	211	7.0	3	9.4	127.0	0.43	0.50	8.6	0.177	2.01	4.7
N829023		171.5	110.5	<0.002	0.39	5.17	10.4	1	3.8	179.0	0.55	0.06	12.4	0.213	1.53	4.4



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 Plus Appendix Pages  
 Finalized Date: 28-JUN-2012  
 Account: ROCKHA

Project: Klaza-64/65

**CERTIFICATE OF ANALYSIS WH12133974**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828217		65	3.1	17.1	70	26.7		
N828218		70	1.7	17.3	45	28.0		
N828219		67	2.1	15.9	45	23.5		
N828220		66	2.0	16.7	45	24.5		
N828221		65	4.0	15.4	970	25.2		
N828222		68	2.7	13.5	237	24.0		
N828223		65	3.8	16.0	83	24.0		
N828224		66	2.2	16.7	38	26.1		
N828225		69	1.9	17.3	40	26.6		
N828226		69	2.4	17.2	438	29.9		
N828227		66	4.2	15.1	74	24.9		
N828228		60	6.1	13.2	496	26.4		
N828229		62	2.2	11.3	204	140.0		
N829001		61	5.1	8.4	2160	24.1		
N829002		61	2.0	12.7	584	28.3		
N829003		65	3.9	6.1	>10000	20.6		3.53
N829004		1	0.1	0.8	51	<0.5		
N829005		68	2.4	15.8	1700	29.6		
N829006		70	3.3	12.5	667	25.0		
N829007		71	1.3	15.6	92	28.7		
N829008		67	1.8	11.4	162	25.8		
N829009		66	1.8	11.5	162	25.8		
N829010		68	1.3	12.3	436	26.3		
N829011		71	2.2	10.9	670	25.3		
N829012		50	3.2	10.8	666	22.8		
N829013		64	2.2	11.4	90	25.3		
N829014		55	5.1	10.1	5350	25.8		
N829015		69	1.7	15.7	96	28.1		
N829016		71	1.6	12.2	88	26.8		
N829017		68	1.6	11.5	125	25.5		
N829018		88	1.3	10.0	172	24.7		
N829019		2	0.1	1.1	17	<0.5		
N829020		69	3.4	9.3	5280	21.6		
N829021		68	1.5	12.5	422	28.8		
N829022		52	4.5	9.8	>10000	33.4	116	1.590
N829023		81	2.2	13.1	392	28.1		



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Project: Klaza-64/65

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**CERTIFICATE OF ANALYSIS WH12133974**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12138694**

Project: Klaza - 65

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza - 65

**CERTIFICATE OF ANALYSIS WH12138694**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829024		8.30	0.006	0.51	6.51	18.7	1290	1.52	0.56	2.72	4.29	62.2	3.4	10	7.48	11.5
N829025		6.09	0.123	1.38	7.51	43.4	1140	1.71	1.47	2.09	10.30	90.4	9.0	10	12.90	42.9
N829026		4.94	0.035	2.58	7.07	82.7	880	2.30	1.98	2.42	12.25	52.5	3.6	8	15.30	105.5
N829027		9.77	0.006	0.17	6.62	10.0	170	3.31	0.23	0.56	0.11	18.15	0.6	3	21.7	6.8
N829028		3.84	<0.005	0.17	6.92	9.5	920	3.26	0.53	0.63	0.13	18.40	0.3	3	21.9	2.8
N829029		4.60	0.436	5.08	7.43	78.1	1510	2.11	2.63	2.03	16.25	32.7	4.3	7	15.40	45.0
N829030		4.45	<0.005	0.17	7.30	15.3	2300	1.55	0.54	3.33	0.21	48.4	4.8	10	12.60	3.1
N829031		2.17	<0.005	0.17	6.72	15.6	2210	1.43	0.41	3.23	0.22	50.6	5.2	9	11.45	3.4
N829032		13.50	0.054	0.19	7.06	248	2470	1.42	0.20	3.06	0.19	40.3	5.1	8	18.05	6.9
N829033		12.46	<0.005	0.11	6.76	9.1	1400	1.36	0.16	3.42	0.14	41.1	5.4	8	10.40	3.7
N829034		12.43	<0.005	0.13	6.75	13.3	1210	1.21	0.20	2.96	0.17	34.5	4.4	9	11.20	2.6
N829035		12.58	<0.005	0.12	7.20	14.2	1890	1.26	0.18	2.89	0.12	51.9	5.2	8	15.05	3.5
N829036		6.90	<0.005	0.10	7.38	9.4	1420	1.25	0.18	3.15	0.13	56.6	5.0	9	13.55	2.9
N829037		<0.02	<0.005	0.09	7.06	9.4	1410	1.25	0.17	3.08	0.10	57.5	5.1	8	13.35	2.8
N829038		5.80	<0.005	0.11	6.38	10.6	870	1.28	0.21	3.61	0.15	50.0	6.2	16	12.55	2.9
N829039		4.65	0.017	0.18	6.80	114.0	1550	1.16	0.17	3.14	0.25	44.9	4.2	8	13.70	3.1
N829040		3.57	0.092	1.01	6.85	191.5	1540	1.22	0.92	3.28	24.5	42.3	4.8	7	21.4	19.9
N829041		11.06	<0.005	0.12	7.24	12.3	2150	1.19	0.10	2.73	0.19	41.8	5.4	9	20.5	4.4
N829042		11.88	0.047	0.17	6.89	213	1320	1.03	0.17	2.24	0.20	48.5	4.3	8	15.35	3.2
N829043		2.38	<0.005	0.01	0.10	<5	20	0.06	0.02	21.0	0.10	1.58	1.3	1	0.23	1.4
N829044		3.21	0.118	1.33	6.71	171.0	660	1.06	0.56	2.90	14.60	53.9	5.0	6	10.25	12.1
N829045		3.98	0.020	0.56	7.31	20.3	1690	1.09	0.18	3.33	7.54	73.5	3.7	9	8.16	8.1
N829046		2.89	<0.005	0.17	7.41	20.4	1060	1.13	0.12	1.90	0.16	43.6	4.2	8	17.05	3.6
N829047		4.24	<0.005	0.12	6.44	10.3	1160	1.19	0.15	3.41	0.10	53.3	3.5	8	10.65	1.9
N829048		4.57	<0.005	0.01	0.07	<5	20	0.06	0.05	20.9	0.07	1.37	1.1	<1	0.25	1.1
N829049		3.95	<0.005	0.26	6.37	8.8	930	1.34	0.30	3.85	0.77	28.3	3.8	7	6.21	2.8
N829050		3.16	0.019	0.27	6.13	10.4	910	1.06	0.15	2.99	1.94	21.9	4.8	8	6.04	2.5
N829051		2.98	0.044	0.37	7.16	19.5	760	1.27	0.19	2.81	2.23	43.7	4.1	7	11.40	4.5
N829052		4.12	0.352	3.51	6.86	84.5	740	1.16	3.35	3.07	97.7	50.6	4.5	8	10.70	103.0
N829053		6.36	<0.005	0.27	6.90	11.2	830	1.44	0.18	3.28	1.22	50.4	3.5	8	14.15	26.9
N829054		0.28	4.41	>100	5.44	8500	210	1.06	60.2	1.93	232	34.0	8.6	18	12.55	1265
N829055		6.12	0.016	0.53	6.40	25.3	1150	1.18	0.33	3.13	7.72	46.6	3.3	7	7.66	8.9
N829056		3.46	0.086	2.24	6.30	79.2	700	1.13	2.32	3.60	14.05	44.9	4.2	8	7.58	28.2
N829057		2.96	<0.005	0.21	6.48	19.4	740	1.21	0.22	3.32	0.70	54.5	2.8	8	11.70	4.1
N829058		0.30	0.730	8.75	6.66	1825	860	1.19	6.15	1.84	40.3	44.9	15.7	20	17.20	104.5
N829059		4.30	0.005	0.15	6.72	16.1	1300	1.16	0.24	3.02	0.17	51.3	4.5	8	12.25	3.9



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Account: ROCKHA

Project: Klaza - 65

**CERTIFICATE OF ANALYSIS WH12138694**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829024		1.84	17.50	0.11	0.9	0.139	2.75	31.2	60.7	0.59	1230	1.16	0.10	6.5	2.5	570
N829025		3.54	17.85	0.15	0.9	0.278	2.79	51.1	28.3	0.75	1860	0.84	0.06	6.9	2.5	610
N829026		3.35	17.30	0.12	0.9	0.382	2.34	25.9	58.1	0.65	2930	1.87	0.05	8.3	1.8	570
N829027		0.59	21.6	0.09	2.9	0.037	1.85	7.9	53.6	0.20	585	1.08	0.03	24.5	0.4	30
N829028		0.65	21.3	0.11	3.0	0.025	1.88	8.1	66.2	0.22	603	1.16	0.04	23.2	0.5	30
N829029		2.13	17.05	0.12	1.3	0.312	2.99	13.9	24.5	0.53	1510	1.86	0.06	9.6	2.2	500
N829030		2.57	17.00	0.15	1.1	0.041	3.00	22.5	9.2	0.64	761	0.66	0.88	7.2	2.5	610
N829031		2.38	17.05	0.13	1.1	0.044	2.92	24.3	8.0	0.59	755	0.72	0.70	7.1	2.6	540
N829032		2.43	16.45	0.12	1.2	0.038	2.59	19.2	39.3	0.57	687	0.67	0.88	8.1	2.4	590
N829033		2.10	16.30	0.11	1.0	0.038	1.69	19.2	17.0	0.69	732	1.53	1.79	7.8	2.4	560
N829034		1.86	16.60	0.11	1.0	0.068	1.95	15.5	26.4	0.71	660	2.17	1.64	8.2	2.0	580
N829035		2.56	15.95	0.13	1.0	0.050	1.81	26.6	11.6	0.74	615	0.88	2.38	7.9	2.4	580
N829036		2.35	16.40	0.14	1.0	0.052	1.57	29.1	9.7	0.77	556	0.58	2.59	8.1	2.3	600
N829037		2.29	16.15	0.13	1.0	0.052	1.55	30.1	9.5	0.74	550	1.22	2.56	8.2	2.3	580
N829038		1.60	16.65	0.13	1.1	0.053	1.58	24.3	9.6	0.56	661	1.15	2.05	7.7	2.1	560
N829039		2.23	15.45	0.13	1.0	0.051	2.32	20.9	21.7	0.78	792	1.84	1.35	7.4	2.3	570
N829040		2.92	14.95	0.14	1.0	0.460	2.15	20.2	17.2	0.72	1540	1.48	1.09	7.4	2.1	550
N829041		2.83	15.15	0.13	1.1	0.037	2.70	20.1	10.5	0.75	609	1.61	1.99	8.0	2.4	570
N829042		2.42	15.55	0.14	1.1	0.060	2.13	24.2	78.7	0.60	795	1.54	0.14	7.5	2.2	540
N829043		0.49	0.27	0.09	<0.1	<0.005	0.03	0.8	1.3	12.90	222	0.07	0.01	0.3	2.5	170
N829044		2.83	14.55	0.15	0.9	0.319	1.81	30.1	123.5	1.05	1480	2.69	0.05	6.1	2.3	510
N829045		2.03	16.80	0.18	0.9	0.105	2.80	42.6	49.1	1.21	999	0.46	0.11	5.6	1.6	530
N829046		2.37	17.30	0.13	1.1	0.044	1.44	21.7	52.0	0.54	689	0.73	0.07	8.5	2.1	610
N829047		2.11	15.15	0.15	1.0	0.046	1.55	27.6	14.0	0.64	633	0.42	1.42	7.0	2.2	540
N829048		0.46	0.24	0.09	<0.1	<0.005	0.03	0.7	1.0	12.85	211	0.06	<0.01	0.3	2.3	170
N829049		1.64	16.05	0.15	0.9	0.105	2.45	10.4	19.7	0.66	864	0.49	0.66	6.9	3.7	550
N829050		1.57	13.75	0.15	0.8	0.100	2.29	7.5	28.0	0.98	865	5.80	0.18	5.3	2.1	410
N829051		1.72	17.30	0.15	1.1	0.066	2.16	19.8	41.5	0.58	845	0.40	0.11	9.3	4.0	770
N829052		2.50	15.85	0.16	1.0	4.37	2.04	25.3	30.7	0.60	1040	0.59	0.15	7.8	2.5	570
N829053		2.58	16.15	0.15	1.1	0.125	1.86	25.4	68.1	0.55	646	0.68	0.52	7.7	2.2	580
N829054		7.99	12.05	0.19	1.1	4.70	2.27	16.8	28.3	0.62	3130	16.15	0.08	5.9	13.4	460
N829055		1.86	14.35	0.12	0.7	0.120	2.56	23.6	16.4	0.89	1280	1.05	0.47	5.7	1.4	510
N829056		1.87	15.05	0.13	0.9	0.358	1.99	21.7	9.4	0.59	1220	0.34	1.21	6.4	1.9	520
N829057		1.83	15.40	0.14	1.0	0.087	2.38	27.4	9.2	0.53	1300	0.50	0.71	7.1	1.5	550
N829058		5.18	14.15	0.17	1.3	0.891	2.79	23.7	19.2	0.68	1960	12.40	0.26	7.6	14.7	500
N829059		2.53	15.25	0.13	1.1	0.076	2.09	25.7	12.7	0.73	828	1.64	1.30	7.5	2.1	570



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**CERTIFICATE OF ANALYSIS WH12138694**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N829024		148.0	121.5	<0.002	0.25	4.57	9.5	1	3.9	89.2	0.54	<0.05	10.7	0.220	5.2
N829025		254	159.0	<0.002	0.87	6.39	10.7	1	5.5	114.5	0.54	0.08	12.7	0.233	5.3
N829026		431	123.0	<0.002	0.81	19.95	10.4	1	4.6	189.0	0.58	<0.05	11.2	0.245	5.9
N829027		47.4	151.0	<0.002	0.05	4.67	3.4	1	3.1	65.2	2.52	<0.05	24.5	0.034	8.7
N829028		43.9	154.0	<0.002	0.06	5.42	3.5	1	3.5	73.0	2.56	<0.05	24.7	0.035	9.2
N829029		584	166.0	<0.002	0.79	16.40	9.8	1	4.3	102.5	0.79	0.05	13.9	0.217	8.0
N829030		14.8	121.0	<0.002	0.24	13.85	11.7	1	2.1	210	0.59	<0.05	11.7	0.234	5.0
N829031		14.0	128.0	<0.002	0.25	19.40	11.0	1	2.1	183.0	0.58	<0.05	12.5	0.225	5.0
N829032		19.8	100.5	<0.002	0.29	12.50	9.8	1	2.5	239	0.66	<0.05	9.9	0.253	4.9
N829033		11.7	55.5	<0.002	0.13	4.10	8.9	1	2.2	317	0.59	<0.05	8.5	0.238	4.1
N829034		22.7	69.3	<0.002	0.20	5.93	9.6	1	2.5	264	0.59	<0.05	8.8	0.253	3.7
N829035		13.4	67.1	<0.002	0.19	3.40	9.7	1	2.2	383	0.57	<0.05	10.1	0.243	3.3
N829036		12.2	57.1	<0.002	0.13	3.19	10.0	1	2.3	421	0.58	<0.05	10.6	0.253	3.6
N829037		11.8	55.8	<0.002	0.14	3.21	9.7	1	2.3	410	0.58	<0.05	10.3	0.249	3.5
N829038		12.6	88.3	<0.002	0.25	5.62	10.2	1	2.3	344	0.57	<0.05	13.5	0.235	4.7
N829039		15.1	75.5	<0.002	0.12	7.13	8.7	1	2.0	260	0.56	<0.05	8.9	0.234	3.3
N829040		104.5	80.6	<0.002	0.65	10.80	8.7	1	2.1	228	0.54	<0.05	9.7	0.226	3.8
N829041		16.7	84.7	<0.002	0.06	3.55	9.0	1	1.7	353	0.62	<0.05	10.2	0.250	3.4
N829042		20.1	73.1	<0.002	0.22	24.2	8.8	1	2.1	132.0	0.58	<0.05	10.4	0.224	3.6
N829043		1.8	1.4	<0.002	0.02	0.13	0.3	1	<0.2	50.0	<0.05	<0.05	<0.2	<0.005	0.6
N829044		523	102.0	<0.002	0.87	21.6	9.1	1	2.3	129.5	0.44	<0.05	11.0	0.196	5.0
N829045		238	136.5	<0.002	0.35	6.56	9.1	1	2.7	107.0	0.41	<0.05	11.3	0.183	4.5
N829046		13.3	56.8	<0.002	0.15	15.00	10.7	1	2.3	92.5	0.63	<0.05	11.3	0.260	5.0
N829047		12.5	74.9	<0.002	0.12	4.89	9.4	1	2.0	251	0.54	<0.05	10.6	0.220	4.1
N829048		1.3	1.4	<0.002	0.01	<0.05	0.3	1	<0.2	46.7	<0.05	<0.05	<0.2	<0.005	0.4
N829049		43.0	109.0	<0.002	0.24	4.36	8.4	1	2.4	143.5	0.51	<0.05	10.3	0.212	6.0
N829050		113.0	125.0	0.009	0.24	8.87	7.7	1	1.9	114.0	0.44	<0.05	11.4	0.163	4.6
N829051		185.5	84.3	<0.002	0.25	10.05	10.5	1	2.9	105.0	0.67	<0.05	9.8	0.283	5.4
N829052		292	86.4	<0.002	1.16	12.50	9.4	1	2.6	104.5	0.60	<0.05	10.7	0.232	4.5
N829053		17.5	76.7	<0.002	0.12	6.81	9.2	1	5.2	215	0.57	<0.05	9.9	0.239	4.5
N829054		9180	114.5	0.002	7.13	216	6.7	2	8.9	122.0	0.43	0.50	7.3	0.182	4.6
N829055		142.0	130.5	<0.002	0.35	8.06	7.9	1	3.4	142.0	0.42	<0.05	8.7	0.181	3.3
N829056		403	105.0	<0.002	0.79	5.64	8.9	1	2.6	212	0.48	0.09	10.8	0.194	4.1
N829057		33.7	122.0	<0.002	0.22	5.14	9.6	1	3.0	161.0	0.54	<0.05	11.4	0.220	4.7
N829058		1260	146.0	<0.002	3.03	33.7	8.0	1	5.9	152.0	0.59	0.36	10.5	0.206	4.5
N829059		14.0	80.5	<0.002	0.25	5.91	8.8	1	2.4	245	0.55	<0.05	9.0	0.234	3.2





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**CERTIFICATE OF ANALYSIS WH12138694**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829024		66	2.2	10.8	363	25.5		
N829025		66	5.3	11.8	952	25.3		
N829026		66	4.1	12.8	1190	26.4		
N829027		<1	1.5	14.1	51	53.5		
N829028		<1	1.6	12.0	74	56.9		
N829029		55	3.3	12.4	1420	32.7		
N829030		84	2.0	14.2	58	29.3		
N829031		78	2.3	13.6	58	29.3		
N829032		71	1.9	14.2	53	31.8		
N829033		65	0.8	13.2	46	28.9		
N829034		71	1.1	11.1	45	28.5		
N829035		68	1.1	15.8	52	28.0		
N829036		71	0.7	16.7	47	28.5		
N829037		70	0.7	16.2	47	29.5		
N829038		72	0.8	16.5	49	32.6		
N829039		71	1.0	12.8	56	30.0		
N829040		65	2.2	13.9	1690	28.7		
N829041		68	2.0	15.3	51	31.6		
N829042		65	3.7	13.7	53	30.8		
N829043		2	0.1	0.9	23	0.5		
N829044		61	4.4	12.2	1060	24.2		
N829045		67	1.5	13.2	552	24.2		
N829046		74	2.5	14.9	58	32.6		
N829047		63	1.1	15.5	45	27.7		
N829048		2	0.1	0.8	17	<0.5		
N829049		68	1.4	12.5	89	26.8		
N829050		66	1.5	10.8	166	22.2		
N829051		79	2.1	12.8	196	31.7		
N829052		71	1.8	14.7	6250	29.6		
N829053		71	2.2	14.8	124	28.8		
N829054		53	4.5	9.0	>10000	32.8	118	1.675
N829055		55	2.7	11.9	647	20.6		
N829056		60	1.2	13.0	1290	25.2		
N829057		64	1.6	14.4	93	27.6		
N829058		58	4.8	11.0	3020	40.4		
N829059		70	1.3	13.7	50	29.8		



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**CERTIFICATE OF ANALYSIS WH12138694**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12138695**

Project: Klaza - 65

P.O. No.: Batch 9

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12138695**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829060		4.28	<0.005	0.06	7.09	6.6	1750	1.28	0.13	2.68	0.07	43.0	5.0	8	16.80	3.9
N829061		7.00	<0.005	0.10	7.17	6.7	1540	1.22	0.18	2.91	0.12	49.6	4.9	10	10.15	2.3
N829062		5.26	0.011	0.39	6.90	15.4	990	1.12	0.42	2.58	2.32	41.2	6.9	8	7.67	5.6
N829063		4.22	<0.005	0.01	0.07	<5	20	0.06	0.02	20.3	0.09	1.32	1.1	<1	0.17	1.4
N829064		3.44	0.796	19.10	6.12	403	430	1.21	26.5	1.69	217	42.4	3.8	8	7.64	633
N829065		4.23	0.017	0.80	7.13	41.6	770	1.29	0.48	2.78	12.65	43.8	4.6	11	6.93	10.0
N829066		0.24	2.24	23.7	6.09	3630	1440	1.23	19.40	2.20	79.1	45.5	10.3	19	15.55	438
N829067		3.66	0.005	0.51	6.63	15.7	710	1.16	0.32	2.89	3.26	25.7	4.8	9	9.21	7.0
N829068		3.68	0.070	1.03	6.35	79.5	810	1.58	1.20	3.02	13.90	29.2	14.9	14	13.05	39.0
N829069		3.25	<0.005	0.30	6.88	10.1	640	1.31	0.29	3.36	1.08	31.9	5.2	11	6.75	4.1
N829070		5.14	0.005	0.23	6.53	13.5	500	1.61	0.21	3.07	0.78	39.2	2.5	9	5.59	14.5
N829071		8.74	0.014	0.68	6.86	41.3	1120	1.45	0.60	2.11	6.99	41.5	5.3	15	7.34	14.9
N829072		4.46	0.013	0.61	6.71	41.6	980	1.54	0.51	2.15	6.77	41.5	5.1	11	7.69	14.1
N829073		3.84	1.470	10.80	6.38	845	640	1.29	7.23	1.05	167.5	45.5	16.7	11	8.06	340
N829074		4.36	<0.005	0.03	0.07	<5	20	0.06	0.04	20.3	0.29	1.37	1.2	2	0.21	2.2
N829075		4.30	0.042	1.29	7.45	162.0	700	1.65	1.48	2.73	3.41	52.5	4.9	14	14.20	42.5
N829076		3.37	<0.005	0.16	6.81	10.9	610	1.52	0.37	3.45	0.20	33.4	5.7	10	8.33	2.3
N829077		11.87	<0.005	0.11	7.37	10.9	1550	1.47	0.31	3.11	0.19	48.4	6.3	13	10.15	3.4
N829078		13.41	<0.005	0.10	7.69	7.5	2340	1.57	0.16	2.19	0.11	51.9	6.2	13	9.43	9.8
N829079		13.40	<0.005	0.23	7.51	17.0	2080	1.73	0.26	2.55	0.95	51.1	5.5	14	10.65	6.4
N829080		11.27	<0.005	0.09	7.37	6.6	2130	1.55	0.15	2.58	0.11	47.4	6.2	10	12.15	7.8
N829081		11.31	<0.005	0.14	7.56	8.4	1530	1.64	0.20	2.92	0.18	53.6	5.0	12	11.40	4.8
N829082		<0.02	<0.005	0.09	7.57	5.9	1520	1.66	0.18	2.98	0.09	52.9	5.0	13	11.65	4.1
N829083		8.61	0.022	0.99	6.78	34.2	910	1.55	0.93	2.75	9.99	52.1	5.5	10	10.90	21.9
N829084		3.12	0.029	1.37	7.30	72.0	760	1.44	1.22	2.33	8.57	42.6	7.0	9	9.78	6.7
N829085		3.26	3.01	24.5	5.18	3490	250	1.02	16.30	1.27	135.5	35.2	4.4	10	4.96	852
N829086		2.48	<0.005	0.06	0.14	8	30	0.32	0.05	20.3	0.31	1.30	1.3	1	1.51	6.6
N829087		4.30	0.569	1.52	6.84	12.8	610	1.73	1.15	2.89	18.65	46.0	3.4	10	9.57	27.6
N829088		11.62	<0.005	0.36	6.49	7.7	490	1.55	0.55	3.31	0.27	34.4	2.8	11	9.76	6.5
N829089		5.89	0.005	0.26	6.83	15.3	2020	1.55	0.39	2.29	0.30	51.6	3.2	10	11.85	6.2
N829090		0.23	4.51	>100	5.53	8010	200	1.04	63.7	1.84	218	34.4	8.4	19	10.40	1260
N829091		2.47	<0.005	0.19	6.02	10.9	940	1.69	0.16	1.67	0.37	63.7	2.2	6	9.89	7.2
N829092		6.32	0.031	0.61	7.18	67.0	770	1.54	0.19	1.81	3.29	55.3	4.0	9	20.0	8.2
N829093		4.14	<0.005	0.04	5.99	5.7	990	1.38	0.10	1.42	0.15	47.3	1.3	7	9.53	2.9
N829094		3.65	0.090	3.66	7.17	107.0	470	1.49	2.70	1.92	2.90	58.1	4.0	10	14.10	65.7
N829095		3.52	0.046	1.87	7.29	68.2	1060	1.44	1.66	1.70	16.25	57.4	2.7	9	12.35	48.0



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Project: Klaza - 65

**CERTIFICATE OF ANALYSIS WH12138695**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829060		2.55	15.50	0.12	1.1	0.037	2.07	21.1	7.9	0.57	445	1.03	2.13	7.6	2.5	560
N829061		2.54	15.50	0.13	1.1	0.054	1.79	25.1	7.3	0.69	577	1.16	2.20	7.5	2.3	560
N829062		2.15	16.10	0.15	1.0	0.131	2.19	18.8	25.3	0.61	919	0.50	0.08	7.5	3.1	600
N829063		0.44	0.22	0.08	<0.1	0.005	0.03	0.6	0.9	12.55	207	0.05	0.01	0.3	2.1	180
N829064		5.79	13.75	0.17	0.8	4.00	2.67	21.5	9.2	0.73	2040	1.16	0.04	5.4	2.2	460
N829065		2.01	16.30	0.15	0.9	0.270	2.80	19.6	23.2	0.67	1140	0.27	0.07	6.4	2.6	540
N829066		6.54	13.65	0.18	0.9	1.735	2.62	24.8	21.7	0.91	1910	13.70	0.04	6.2	14.9	450
N829067		1.65	16.05	0.12	0.9	0.167	2.58	8.4	19.7	0.86	1040	6.00	0.13	6.7	2.7	510
N829068		2.15	15.15	0.09	0.8	0.289	2.10	8.4	25.8	1.14	911	1.16	0.16	5.9	3.9	490
N829069		1.73	16.95	0.10	0.8	0.091	2.44	8.7	25.0	0.94	971	1.11	0.13	6.7	5.2	550
N829070		1.40	16.60	0.09	0.9	0.131	1.24	15.2	166.0	0.60	633	0.35	0.07	7.7	1.8	620
N829071		2.04	15.70	0.10	0.8	0.259	2.43	15.2	60.8	0.80	969	1.21	0.09	6.6	3.0	520
N829072		2.03	16.50	0.11	0.8	0.239	2.48	14.6	61.6	0.81	1020	1.15	0.09	6.9	3.5	540
N829073		5.54	15.95	0.15	0.7	8.07	2.93	22.0	7.3	0.55	3660	1.78	0.05	5.7	5.4	490
N829074		0.48	0.27	0.06	<0.1	0.016	0.03	0.6	1.2	13.05	216	0.06	<0.01	0.4	1.5	160
N829075		3.19	16.90	0.12	1.1	0.225	2.11	23.0	30.2	0.63	1090	0.58	0.77	7.8	2.7	570
N829076		1.53	16.30	0.11	0.9	0.117	1.84	12.0	11.7	0.61	634	0.30	1.16	7.0	2.7	530
N829077		2.23	16.75	0.09	1.1	0.085	2.08	22.1	11.0	0.75	639	1.08	2.00	7.6	2.4	570
N829078		2.64	16.50	0.13	1.1	0.038	2.76	23.8	15.5	0.83	486	0.96	2.42	8.1	2.5	570
N829079		2.83	16.80	0.13	1.1	0.105	2.78	22.5	14.3	0.69	778	2.02	2.12	8.2	2.7	570
N829080		2.86	16.65	0.12	1.1	0.039	2.61	21.1	18.5	0.87	632	1.60	2.05	7.9	2.6	580
N829081		2.49	16.95	0.12	1.1	0.045	1.89	23.0	12.1	0.77	450	1.69	2.41	8.1	2.4	610
N829082		2.51	17.35	0.12	1.0	0.045	1.91	22.7	12.5	0.77	457	1.75	2.43	8.1	2.4	610
N829083		2.73	16.85	0.12	0.9	0.376	2.15	22.4	15.3	0.61	1240	1.09	1.26	7.2	3.7	560
N829084		2.66	16.80	0.13	0.8	0.376	3.03	16.5	27.1	0.67	1660	1.78	0.20	6.5	4.2	520
N829085		6.59	13.50	0.16	0.6	2.40	2.39	13.7	10.0	0.59	1880	34.7	0.03	4.5	2.7	370
N829086		0.50	0.42	0.06	<0.1	0.010	0.07	0.5	2.0	13.20	223	0.19	0.02	0.6	1.9	200
N829087		2.45	16.80	0.12	0.9	0.606	2.23	16.4	23.8	0.74	1010	0.37	0.34	7.6	1.7	580
N829088		1.48	15.85	0.10	0.9	0.128	1.58	10.7	51.8	0.58	741	0.85	0.82	7.1	2.0	550
N829089		1.90	15.15	0.11	1.1	0.079	2.49	23.1	43.6	0.70	849	6.79	0.10	7.2	1.7	430
N829090		8.05	13.05	0.17	1.0	4.28	2.26	15.1	30.2	0.62	3000	15.25	0.08	5.3	13.2	460
N829091		1.58	11.55	0.10	2.0	0.021	2.23	33.6	75.3	0.65	574	19.10	0.05	5.8	1.3	110
N829092		2.45	14.80	0.11	1.3	0.160	2.58	26.7	46.0	0.68	1680	10.00	0.05	7.2	1.9	420
N829093		1.30	11.35	0.09	2.3	0.028	2.53	24.2	24.2	0.57	501	6.53	0.05	5.5	1.0	50
N829094		4.14	16.50	0.16	1.0	0.261	2.95	27.3	25.4	0.73	2320	3.48	0.05	7.1	2.9	490
N829095		3.34	16.15	0.14	0.9	0.525	3.12	27.5	21.2	0.70	2670	2.15	0.06	7.0	2.1	530



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**CERTIFICATE OF ANALYSIS WH12138695**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829060		12.9	77.1	<0.002	0.06	2.67	9.2	1	2.1	357	0.57	<0.05	9.6	0.239	0.97	3.3
N829061		24.9	70.1	<0.002	0.14	3.29	9.4	1	2.2	354	0.56	<0.05	10.4	0.232	1.07	3.1
N829062		124.5	92.9	<0.002	0.50	9.85	8.9	1	2.9	83.3	0.57	0.08	10.0	0.229	2.02	2.9
N829063		1.3	1.1	<0.002	0.01	<0.05	0.2	1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N829064		2090	186.5	<0.002	4.54	32.3	7.8	2	3.8	42.4	0.43	0.13	10.1	0.163	2.65	3.7
N829065		267	171.0	<0.002	0.74	6.17	9.7	1	2.6	84.4	0.51	0.05	11.8	0.199	2.66	6.1
N829066		2740	151.5	<0.002	4.88	94.0	7.5	1	8.4	96.1	0.46	0.49	9.5	0.180	2.19	4.7
N829067		194.5	153.5	0.010	0.35	7.27	9.7	1	2.5	125.0	0.51	<0.05	11.1	0.199	2.44	4.0
N829068		93.6	131.5	<0.002	0.89	6.82	9.7	1	2.5	142.5	0.44	0.10	10.9	0.185	1.92	5.4
N829069		93.8	120.5	0.002	0.32	4.62	9.3	1	2.0	167.5	0.49	0.08	9.5	0.223	2.40	3.8
N829070		50.2	46.5	<0.002	0.12	7.09	9.4	1	3.0	242	0.58	0.06	8.6	0.250	1.31	2.9
N829071		237	165.0	0.002	0.61	7.87	10.0	1	3.1	130.0	0.49	0.07	12.0	0.211	2.50	4.3
N829072		215	155.0	0.002	0.58	7.72	10.3	1	3.6	128.0	0.50	0.06	11.8	0.215	2.61	4.3
N829073		936	212	0.002	3.78	30.0	9.1	2	5.7	32.0	0.42	0.21	11.1	0.183	3.03	3.3
N829074		3.0	2.1	<0.002	0.01	0.15	0.2	1	<0.2	45.4	<0.05	<0.05	0.2	<0.005	<0.02	0.5
N829075		120.5	126.5	<0.002	1.23	9.05	10.7	1	3.5	174.5	0.58	0.08	12.7	0.242	1.91	5.3
N829076		12.4	110.0	<0.002	0.27	3.94	9.3	1	2.8	201	0.56	0.10	11.2	0.215	1.73	3.9
N829077		14.1	97.8	<0.002	0.17	2.55	9.8	1	2.2	324	0.59	0.10	12.7	0.237	1.23	3.6
N829078		15.8	110.5	<0.002	0.07	2.14	10.9	1	1.9	443	0.63	<0.05	14.1	0.252	0.94	4.4
N829079		35.5	108.0	<0.002	0.16	2.63	10.2	1	2.1	357	0.64	0.05	12.8	0.249	1.12	4.2
N829080		16.5	99.9	<0.002	0.03	1.80	10.5	1	1.7	384	0.60	<0.05	12.0	0.258	0.98	3.5
N829081		15.6	87.5	<0.002	0.08	2.58	11.2	1	2.4	396	0.60	<0.05	13.3	0.261	0.93	4.0
N829082		12.5	82.7	<0.002	0.08	2.47	11.0	1	2.4	400	0.60	<0.05	12.7	0.263	0.93	3.8
N829083		101.5	105.5	0.002	0.57	5.04	9.5	1	2.8	233	0.55	0.08	10.4	0.230	1.91	3.6
N829084		242	185.5	0.002	1.04	4.56	9.9	1	3.2	80.1	0.54	0.19	12.5	0.208	3.00	4.6
N829085		1040	187.0	0.004	5.66	90.6	7.3	2	6.9	27.6	0.33	0.16	10.0	0.140	2.40	2.6
N829086		3.6	6.7	<0.002	0.03	0.28	0.2	1	0.2	49.2	<0.05	<0.05	<0.2	<0.005	0.04	0.4
N829087		312	117.5	<0.002	0.26	7.42	9.7	1	2.4	105.0	0.57	0.09	10.4	0.234	2.20	4.6
N829088		13.1	67.6	0.002	0.12	12.30	8.3	1	1.9	181.0	0.55	0.16	9.4	0.227	1.64	3.8
N829089		24.9	119.0	<0.002	0.23	10.25	7.8	1	1.9	100.0	0.64	0.05	15.8	0.177	1.98	6.2
N829090		9290	140.0	0.002	7.04	220	7.3	2	8.0	120.5	0.39	0.48	9.7	0.181	2.15	5.6
N829091		18.7	141.0	0.002	0.08	10.50	2.7	1	1.3	67.3	1.04	<0.05	33.5	0.053	1.69	8.8
N829092		122.0	145.5	0.002	0.46	14.15	7.8	1	2.9	81.5	0.69	<0.05	19.3	0.178	2.30	5.8
N829093		7.3	145.5	<0.002	0.06	4.87	1.8	1	0.8	41.7	1.15	<0.05	34.5	0.027	1.96	6.6
N829094		173.0	171.5	<0.002	2.79	26.5	10.1	1	3.9	51.4	0.55	0.05	14.6	0.205	3.02	5.5
N829095		207	188.0	<0.002	1.02	10.30	9.7	1	3.2	45.2	0.58	0.05	15.1	0.205	3.20	5.0



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**CERTIFICATE OF ANALYSIS WH12138695**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829060		66	0.9	14.3	38	30.9		
N829061		70	1.0	14.3	50	31.1		
N829062		66	2.6	13.0	202	28.4		
N829063		3	0.1	0.8	20	<0.5		
N829064		50	2.4	9.3	>10000	21.6		1.565
N829065		63	1.3	11.5	1180	24.7		
N829066		57	4.9	10.0	5280	27.9		
N829067		75	1.2	12.0	281	24.3		
N829068		75	1.5	14.1	1020	21.0		
N829069		75	1.1	11.5	104	22.3		
N829070		68	1.8	11.3	91	24.2		
N829071		64	2.6	11.1	511	20.2		
N829072		67	2.3	11.2	482	20.9		
N829073		62	3.3	9.8	>10000	20.0		1.150
N829074		2	0.1	0.9	31	1.0		
N829075		74	1.8	14.5	279	28.3		
N829076		64	1.2	12.8	42	23.5		
N829077		68	1.3	14.5	46	26.4		
N829078		68	1.2	17.3	37	29.4		
N829079		68	1.7	16.1	118	29.9		
N829080		69	2.4	17.1	38	27.3		
N829081		74	1.4	16.2	48	28.2		
N829082		75	1.4	15.9	42	27.3		
N829083		73	2.1	11.8	726	23.4		
N829084		60	2.1	9.6	634	18.7		
N829085		55	2.7	6.9	8420	14.4		
N829086		3	0.1	0.9	29	<0.5		
N829087		71	1.0	12.5	1160	23.1		
N829088		67	1.1	12.2	49	22.0		
N829089		50	4.9	12.4	57	28.3		
N829090		52	4.5	8.7	>10000	28.8	118	1.620
N829091		14	2.1	11.2	51	44.7		
N829092		49	4.0	13.0	339	30.7		
N829093		8	1.0	9.4	27	50.2		
N829094		60	5.7	13.1	314	24.9		
N829095		62	3.7	11.8	1360	22.7		



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**CERTIFICATE OF ANALYSIS WH12138695**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12138696**

Project: Klaza-65  
P.O. No.: Batch 10  
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT,  
Canada on 17-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-31d	Pulverize Split - duplicate
SPL-21d	Split sample - duplicate
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: HEATHER SMITH**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12138696**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N829096		9.49	0.534		22.9	6.61	235	380	1.19	16.10	1.80	18.20	45.9	5.1	11	14.00
N829097		1.97	0.030		3.33	7.70	64.7	890	1.67	0.38	2.07	3.93	54.4	4.5	11	23.4
N829098		2.67	0.010		0.78	7.32	40.2	1120	1.92	0.27	1.96	1.42	66.7	7.4	23	23.7
N829099		3.61	>10.0	16.05	90.2	4.02	>10000	390	0.75	90.9	0.44	271	24.3	3.9	13	4.53
N829100		2.51	0.007		0.14	0.10	37	20	0.10	0.16	21.1	0.49	2.39	1.3	1	0.28
N829101		9.21	0.007		0.58	6.73	21.5	510	1.63	0.45	2.86	6.50	34.4	2.4	13	11.90
N829102		3.40	0.155		3.59	7.36	272	910	1.50	2.98	2.46	6.79	50.0	5.1	13	11.95
N829103		0.32	2.25		24.9	5.93	3340	920	1.18	18.75	2.19	80.8	44.5	10.7	18	14.35
N829104		10.88	<0.005		0.15	7.47	12.5	1790	1.57	0.20	2.72	0.30	48.9	6.7	13	17.85
N829105		3.71	<0.005		0.64	7.48	11.3	690	1.43	0.59	3.61	9.17	39.6	2.8	11	10.00
N829106		3.77	<0.005		0.19	6.90	11.1	790	1.43	0.28	3.64	1.32	30.7	1.9	11	9.58
N829107		10.12	0.006		0.67	7.05	12.9	540	1.41	0.31	3.96	0.31	37.1	3.1	12	13.00
N829108		9.67	0.171		0.78	6.94	134.0	420	1.48	1.44	4.17	1.33	30.7	1.7	11	10.95
N829109		<0.02	0.071		0.83	7.00	137.5	420	1.48	1.57	4.23	1.34	32.2	1.8	12	11.35
N829110		3.99	0.015		1.07	7.32	168.5	550	1.28	1.54	1.41	2.38	41.4	3.2	11	13.50
N829111		1.89	<0.005		0.01	0.07	5	20	0.05	0.03	21.0	0.08	1.25	1.4	1	0.19
N829112		6.13	0.008		0.20	7.35	15.2	820	1.39	0.17	1.64	0.15	40.9	6.3	13	13.80
N829113		12.30	<0.005		0.08	7.75	6.6	2330	1.58	0.12	2.26	0.13	52.8	6.9	14	14.15
N829114		11.78	<0.005		0.10	7.21	9.6	1480	1.57	0.13	3.16	0.19	39.5	4.3	14	13.55
N829115		0.30	4.49		>100	5.45	8050	760	0.99	59.6	1.94	229	34.7	9.2	18	11.35
N829116		12.14	<0.005		0.13	7.49	11.2	640	1.56	0.18	3.79	0.18	41.6	2.7	12	13.10
N829117		11.73	<0.005		0.10	7.08	7.9	490	1.57	0.14	3.51	0.16	35.4	2.0	12	12.60
N829118		11.94	<0.005		0.15	7.22	6.5	1980	1.58	0.13	2.86	0.10	39.6	5.8	13	12.20
N829119		9.59	<0.005		0.10	6.57	9.5	550	1.60	0.17	3.74	0.12	30.4	2.0	10	12.65
N829120		5.93	<0.005		0.09	7.16	7.3	1330	1.61	0.22	3.20	0.08	41.6	6.1	11	13.15
N829121		2.74	<0.005		0.09	7.00	7.3	1260	1.65	0.22	3.27	0.09	38.4	6.2	13	12.90
N829122		7.53	<0.005		0.16	7.02	9.4	1220	1.31	0.22	3.22	0.12	33.8	4.3	11	12.10
N829123		12.01	<0.005		0.15	6.90	6.8	1770	1.53	0.17	2.90	0.12	38.5	4.4	12	13.30
N829124		2.95	<0.005		0.09	7.42	5.7	2200	1.47	0.12	1.61	0.06	45.0	6.2	10	14.35
N829125		6.32	<0.005		0.19	6.97	6.4	2220	1.39	0.15	2.85	0.25	37.6	8.0	12	14.90
N829126		9.64	0.034		0.31	7.69	15.5	1870	1.27	0.40	1.54	1.47	44.0	9.9	13	14.75
N829127		3.75	0.230		8.52	6.85	536	840	1.58	16.45	1.07	38.9	42.7	6.7	11	18.80
N829128		6.43	0.007		0.25	7.94	9.4	2070	1.38	0.34	1.12	0.34	50.9	6.6	10	13.55
N829129		3.01	0.059		2.03	6.55	174.5	820	1.35	1.89	1.96	8.28	54.8	13.3	9	15.05
N829130		6.20	0.006		0.17	7.42	13.5	1940	1.28	0.22	1.92	0.28	43.9	6.8	11	14.70
N829131		3.36	0.220		21.3	6.71	403	720	1.44	36.7	1.57	19.35	48.9	6.4	9	16.30



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**CERTIFICATE OF ANALYSIS WH12138696**

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N829096		150.5	4.39	16.35	0.15	0.9	0.454	2.11	23.3	81.7	0.69	1700	6.71	0.04	8.4	3.5
N829097		25.5	2.81	18.75	0.14	1.1	0.247	3.00	26.9	28.5	0.76	1440	2.86	0.05	9.2	3.0
N829098		12.7	2.69	21.2	0.15	4.3	0.047	2.15	32.9	213	0.80	703	0.91	0.06	12.8	7.9
N829099		2740	10.40	10.70	0.23	0.6	6.76	1.90	10.8	8.7	0.25	728	1.05	0.02	3.9	1.7
N829100		6.0	0.49	0.33	<0.05	<0.1	0.015	0.04	1.2	1.4	13.10	217	0.10	0.01	0.7	<0.2
N829101		6.0	2.08	20.0	0.11	1.1	0.166	2.13	13.4	120.5	0.62	914	0.38	0.07	8.8	1.7
N829102		48.9	3.97	19.75	0.15	1.3	0.327	2.21	24.4	24.6	0.61	560	1.17	0.91	9.3	2.7
N829103		444	6.71	16.35	0.20	0.9	1.755	2.61	23.9	23.2	0.90	1890	13.55	0.04	7.0	14.8
N829104		3.9	2.87	18.85	0.14	1.3	0.051	2.39	23.9	16.0	0.74	575	1.48	1.99	9.6	2.3
N829105		5.0	2.15	18.80	0.12	1.0	0.229	1.23	15.1	22.9	0.84	801	0.41	2.11	8.9	2.1
N829106		1.3	2.06	19.05	0.11	1.1	0.113	1.47	10.7	15.2	0.77	833	0.44	2.12	8.9	1.9
N829107		150.0	2.10	18.55	0.10	1.0	0.183	0.84	14.5	28.5	0.87	701	0.45	2.76	9.0	1.5
N829108		11.2	1.73	17.60	0.10	0.9	0.175	1.24	11.5	18.5	0.71	777	0.92	1.81	8.2	1.0
N829109		11.2	1.75	17.65	0.10	1.0	0.179	1.26	12.1	18.7	0.71	797	0.96	1.85	8.5	1.1
N829110		14.0	2.93	18.40	0.13	1.2	0.208	1.95	18.3	31.7	0.52	1180	0.82	0.05	9.4	2.3
N829111		1.9	0.51	0.28	<0.05	<0.1	0.005	0.02	0.6	1.1	12.90	224	0.05	0.01	0.3	<0.2
N829112		22.0	2.81	19.65	0.13	1.3	0.088	1.32	18.0	61.8	0.46	620	0.93	0.08	9.8	2.7
N829113		5.6	2.98	19.15	0.15	1.2	0.040	2.74	26.8	18.7	0.87	496	1.81	2.40	9.3	2.6
N829114		5.2	2.37	18.05	0.11	1.2	0.052	1.73	17.4	16.0	0.80	522	1.27	2.81	9.2	2.0
N829115		1305	8.30	14.40	0.22	1.1	4.79	2.34	18.0	30.9	0.63	3120	15.60	0.08	6.3	13.1
N829116		2.0	1.65	18.65	0.08	0.9	0.079	0.76	17.3	18.6	0.88	549	0.62	3.17	9.2	1.7
N829117		3.1	1.29	17.60	0.09	0.9	0.079	0.67	13.7	21.4	0.80	485	0.37	3.23	8.6	1.6
N829118		6.0	2.83	16.60	0.10	1.2	0.055	2.33	19.6	14.1	0.80	529	1.37	2.61	8.0	3.0
N829119		6.8	1.89	16.70	0.10	1.1	0.120	0.63	12.4	15.7	0.64	478	0.53	3.18	8.1	2.8
N829120		5.9	2.62	16.25	0.10	1.3	0.081	1.66	18.4	13.4	0.64	490	1.47	2.73	8.2	3.2
N829121		6.8	2.57	16.95	0.11	1.3	0.096	1.54	18.0	13.7	0.64	486	1.42	2.77	8.2	3.2
N829122		13.9	2.39	16.50	0.10	1.2	0.094	1.80	15.2	29.0	0.52	465	1.89	0.43	8.0	2.6
N829123		4.4	2.71	16.90	0.11	1.1	0.051	2.27	19.1	17.4	0.58	435	1.54	2.10	7.7	2.8
N829124		6.9	2.86	16.95	0.12	1.2	0.040	2.73	23.7	17.2	0.60	261	1.51	1.25	7.9	2.7
N829125		8.8	2.95	17.05	0.12	1.2	0.046	2.71	19.6	16.2	0.62	392	2.27	1.38	7.8	3.2
N829126		21.8	3.16	18.30	0.09	1.2	0.092	2.75	22.3	44.1	0.38	734	1.84	0.10	8.7	3.1
N829127		278	4.34	18.05	0.11	1.0	1.105	2.74	24.3	51.9	0.61	1810	2.36	0.04	6.7	2.5
N829128		20.1	3.44	18.25	0.11	1.1	0.093	3.13	28.4	38.4	0.55	1020	17.00	0.08	7.9	2.6
N829129		29.7	4.69	16.40	0.13	0.9	0.372	2.92	32.0	17.3	0.84	2600	2.12	0.03	6.6	2.8
N829130		8.0	3.04	17.40	0.13	1.1	0.075	3.23	22.1	31.3	0.61	849	1.30	0.08	8.0	2.6
N829131		104.0	4.94	16.15	0.13	1.0	0.744	2.93	26.5	13.1	0.74	2870	2.34	0.03	6.3	3.0



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**CERTIFICATE OF ANALYSIS WH12138696**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.2	% 0.005	ppm 0.02
N829096		510	631	117.5	0.002	2.60	44.9	10.1	2	9.3	120.0	0.56	0.35	11.4	0.221	2.34
N829097		610	122.5	146.0	<0.002	1.05	14.15	10.8	2	4.0	103.0	0.65	<0.05	12.8	0.255	3.23
N829098		1430	97.9	68.2	<0.002	0.12	20.8	6.7	2	2.2	539	0.72	<0.05	8.8	0.359	1.52
N829099		300	3890	123.0	<0.002	>10.0	212	5.7	4	16.1	17.2	0.30	1.62	7.0	0.119	2.05
N829100		190	6.6	2.8	<0.002	0.03	0.44	0.3	2	<0.2	50.5	0.05	<0.05	0.2	<0.005	<0.02
N829101		630	240	85.7	<0.002	0.13	15.90	10.3	1	3.2	97.8	0.68	<0.05	9.9	0.259	2.04
N829102		570	340	114.0	<0.002	2.22	11.55	13.0	2	3.7	177.5	0.73	0.43	13.3	0.256	1.81
N829103		460	2790	162.5	0.002	4.91	90.2	8.5	2	8.0	101.0	0.50	0.41	11.0	0.181	2.36
N829104		590	28.2	97.5	<0.002	0.08	3.69	11.1	2	2.0	345	0.71	<0.05	12.7	0.254	1.14
N829105		590	159.0	59.9	<0.002	0.11	3.56	11.3	2	3.3	291	0.69	0.05	13.6	0.244	1.09
N829106		570	68.1	63.0	<0.002	0.12	3.51	10.8	2	3.5	274	0.68	<0.05	11.1	0.238	1.37
N829107		560	21.5	41.0	<0.002	0.06	5.55	10.7	2	3.5	400	0.71	0.06	11.8	0.244	0.79
N829108		720	33.0	69.3	<0.002	0.57	7.29	10.6	2	3.1	298	0.67	0.08	13.4	0.233	1.25
N829109		740	35.4	71.5	0.002	0.59	7.43	10.7	2	3.2	301	0.69	0.09	13.2	0.236	1.28
N829110		610	105.5	97.7	<0.002	0.63	18.40	11.3	2	3.9	47.8	0.75	0.06	13.3	0.249	1.91
N829111		170	1.4	1.6	<0.002	0.01	0.07	0.3	1	<0.2	49.3	<0.05	<0.05	<0.2	<0.005	<0.02
N829112		630	14.5	49.1	<0.002	0.10	23.0	11.4	2	3.8	66.4	0.83	<0.05	11.8	0.276	0.97
N829113		590	18.1	102.5	<0.002	0.01	1.57	11.3	2	1.9	396	0.71	<0.05	14.1	0.249	1.04
N829114		590	16.8	55.3	<0.002	0.02	2.33	10.5	2	2.4	434	0.74	<0.05	11.2	0.258	0.69
N829115		450	9580	132.5	0.003	7.32	220	7.6	4	8.5	132.0	0.45	0.59	9.0	0.189	2.15
N829116		610	14.2	29.8	<0.002	0.03	2.69	11.2	2	2.6	460	0.70	<0.05	13.0	0.263	0.47
N829117		600	13.7	27.8	<0.002	0.01	2.29	10.7	2	2.7	462	0.66	<0.05	12.5	0.256	0.41
N829118		580	17.4	69.7	0.002	0.01	1.54	9.6	1	1.9	431	0.65	<0.05	11.0	0.259	0.80
N829119		540	13.4	19.7	0.002	0.01	3.42	9.0	1	3.0	463	0.67	<0.05	9.0	0.246	0.42
N829120		570	14.9	53.1	0.002	0.09	2.77	9.5	1	2.3	416	0.72	<0.05	11.2	0.259	0.73
N829121		570	14.7	50.2	0.002	0.08	2.76	9.4	1	2.5	418	0.73	<0.05	10.3	0.256	0.71
N829122		590	17.6	51.3	0.003	0.06	11.15	9.3	1	3.0	156.5	0.72	<0.05	10.2	0.266	0.96
N829123		570	68.9	68.1	0.003	0.05	4.12	9.3	1	2.5	303	0.63	<0.05	10.0	0.253	1.02
N829124		600	17.3	98.2	0.002	0.01	5.63	10.2	1	2.0	251	0.63	<0.05	13.0	0.266	1.11
N829125		560	22.9	86.3	<0.002	0.03	7.53	10.3	1	1.7	263	0.63	<0.05	10.1	0.256	1.05
N829126		630	51.1	107.0	<0.002	0.20	17.25	11.9	1	2.2	97.1	0.70	0.10	12.3	0.276	1.46
N829127		510	81.4	147.0	<0.002	1.40	29.6	9.7	1	9.4	75.5	0.57	0.09	12.0	0.227	2.30
N829128		600	20.1	133.0	0.002	0.14	13.85	11.0	1	2.1	90.6	0.66	<0.05	13.1	0.259	1.91
N829129		480	115.0	161.5	0.003	1.66	12.00	9.5	1	5.5	73.1	0.53	0.08	11.4	0.207	2.77
N829130		590	16.8	121.5	0.002	0.18	12.05	10.5	1	2.0	115.5	0.66	<0.05	11.5	0.261	2.09
N829131		480	347	172.5	0.002	2.28	32.6	9.6	1	6.3	66.2	0.54	0.10	11.1	0.210	2.96



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**CERTIFICATE OF ANALYSIS WH12138696**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829096		5.2	61	77.4	14.6	1630	25.3		
N829097		5.5	71	22.5	15.0	350	31.9		
N829098		4.4	67	5.6	12.7	166	185.0		
N829099		2.9	40	4.2	8.4	>10000	15.2		1.655
N829100		0.9	2	0.1	0.9	45	1.3		
N829101		4.1	74	3.0	12.5	513	30.0		
N829102		4.2	74	4.2	16.3	710	32.4		
N829103		5.4	56	5.2	11.6	5310	27.3		
N829104		3.9	71	2.9	18.3	60	36.8		
N829105		3.7	77	1.1	17.9	629	27.6		
N829106		3.2	73	1.1	15.4	142	28.2		
N829107		3.2	65	0.8	17.9	60	27.5		
N829108		3.6	60	1.2	15.9	151	22.5		
N829109		3.5	60	1.3	16.4	152	26.5		
N829110		3.5	71	4.8	15.8	245	31.1		
N829111		0.7	3	0.1	0.9	18	<0.5		
N829112		3.3	80	7.8	15.5	47	31.3		
N829113		4.4	68	2.3	18.4	40	33.2		
N829114		3.5	69	1.6	16.6	44	31.1		
N829115		5.3	53	4.6	10.5	>10000	33.8	123	1.565
N829116		3.7	67	1.1	17.8	47	25.2		
N829117		3.1	63	0.9	15.8	41	23.2		
N829118		3.4	68	2.0	15.2	42	30.0		
N829119		2.8	72	1.3	13.9	38	26.8		
N829120		3.6	71	1.7	14.5	42	31.9		
N829121		3.4	72	1.5	15.1	41	30.3		
N829122		3.2	73	2.5	13.8	46	26.4		
N829123		3.1	70	1.8	12.4	47	24.9		
N829124		3.4	69	2.6	13.0	38	28.2		
N829125		2.7	71	2.3	14.4	55	28.7		
N829126		3.1	75	5.5	14.6	87	29.8		
N829127		6.1	63	5.9	11.3	2670	22.7		
N829128		2.6	70	4.1	16.2	78	26.4		
N829129		4.7	60	3.4	11.9	679	20.1		
N829130		4.1	70	3.2	14.3	59	24.6		
N829131		5.7	60	4.8	11.5	1480	21.0		



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Project: Klaza-65

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**CERTIFICATE OF ANALYSIS WH12138696**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12138697**

Project: Klaza - 65

P.O. No.: Batch 11

This report is for 26 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12138697**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N829132		4.28	0.017	0.46	7.07	42.0	1050	1.32	0.42	2.19	1.86	46.0	4.6	10	18.55	12.6
N829133		0.30	0.760	9.47	6.64	1510	720	1.30	6.20	1.85	40.6	42.9	16.8	19	15.80	104.0
N829134		4.96	0.105	3.27	5.73	191.5	640	1.14	2.55	2.00	17.95	39.8	4.6	9	15.90	80.2
N829135		11.14	0.806	98.0	4.02	994	270	0.88	160.5	1.80	22.9	22.2	7.7	8	17.90	1940
N829136		1.66	<0.005	0.58	0.11	6	30	0.09	0.93	20.1	0.21	1.40	1.2	2	0.31	13.9
N829137		4.55	0.096	2.73	7.03	219	370	1.31	3.39	0.78	13.30	47.2	4.7	10	9.87	56.1
N829138		8.07	0.022	0.86	7.08	21.6	1700	1.47	1.12	2.26	9.42	47.1	5.4	10	14.50	14.9
N829139		2.70	0.053	1.45	7.09	36.5	1580	1.46	1.75	1.90	21.6	49.4	5.2	9	12.65	27.8
N829140		8.86	0.024	0.95	7.21	51.3	1060	1.44	1.11	2.24	10.80	48.1	4.8	10	11.40	13.1
N829141		3.86	0.108	3.47	7.45	157.5	1340	1.61	0.99	2.39	14.55	51.7	4.2	9	17.00	24.6
N829142		4.22	3.23	16.95	5.79	4130	150	1.15	19.00	0.82	18.55	44.2	5.2	8	9.87	282
N829143		10.61	<0.005	0.15	6.97	16.7	800	1.68	0.33	2.68	0.22	37.3	3.1	10	17.50	5.8
N829144		9.79	0.008	0.14	6.63	13.3	1210	1.60	0.19	3.38	0.15	37.5	3.5	12	12.40	3.1
N829145		10.41	<0.005	0.12	7.52	8.1	1920	1.67	0.18	2.94	0.13	47.7	5.1	13	13.30	18.1
N829146		8.67	0.022	1.52	7.44	66.9	1210	1.59	1.08	2.38	2.68	69.5	10.7	11	10.10	249
N829147		3.53	0.374	4.00	5.95	1165	310	1.16	5.92	0.80	4.90	44.8	7.6	10	8.31	93.8
N829148		10.90	0.011	0.14	6.99	13.5	680	1.49	0.34	3.31	0.19	44.3	4.1	11	12.00	6.0
N829149		6.73	0.007	0.13	7.31	9.9	470	1.63	0.20	3.00	0.94	57.3	1.7	8	11.35	4.4
N829150		0.30	4.39	>100	5.25	7140	1010	1.04	59.5	1.70	203	36.9	8.4	16	10.60	1185
N829151		4.14	0.011	0.54	7.18	18.3	540	1.92	0.69	3.23	0.54	44.4	4.9	8	11.50	25.8
N829152		1.91	<0.005	0.01	0.08	<5	10	0.06	0.03	22.4	0.07	1.43	1.2	1	0.13	2.3
N829153		10.44	<0.005	0.13	7.28	16.1	900	1.56	0.19	3.50	0.33	50.7	3.3	10	9.25	5.6
N829154		12.38	<0.005	0.08	7.45	28.7	1100	1.51	0.13	3.24	0.10	45.7	3.2	11	9.69	3.4
N829155		<0.02	<0.005	0.08	7.44	13.1	1120	1.47	0.14	3.12	0.11	47.6	3.2	11	9.65	3.0
N829156		6.10	<0.005	0.10	6.85	19.5	1280	1.40	1.38	2.76	0.14	38.4	3.5	9	7.42	7.0
N829157		9.31	0.026	1.14	7.25	38.4	960	1.42	0.56	2.57	17.95	45.6	4.2	12	9.21	15.3





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**CERTIFICATE OF ANALYSIS WH12138697**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829132		3.06	16.40	0.13	0.9	0.133	2.57	24.4	116.5	0.70	1730	1.55	0.05	7.7	2.1	560
N829133		5.19	15.15	0.15	1.3	0.916	2.75	23.0	24.3	0.68	1950	13.10	0.26	7.8	15.3	480
N829134		3.51	13.40	0.12	0.7	0.350	2.37	21.4	33.6	0.77	1930	4.58	0.03	5.9	2.3	400
N829135		7.07	10.60	0.12	0.6	1.320	1.56	11.0	26.1	0.27	1320	22.4	0.02	4.1	2.3	260
N829136		0.50	0.35	0.13	<0.1	0.012	0.04	0.7	1.3	12.00	204	0.33	<0.01	0.4	2.1	210
N829137		6.11	18.40	0.15	1.0	0.623	3.24	23.9	7.6	0.57	4490	1.77	0.03	6.9	3.0	520
N829138		3.44	17.10	0.15	1.1	0.209	2.75	23.4	40.8	0.69	1270	1.77	1.08	8.1	2.5	550
N829139		3.79	16.70	0.17	1.1	0.399	2.76	26.1	38.4	0.70	1700	2.08	1.03	7.9	2.4	560
N829140		3.07	16.75	0.17	1.0	0.182	2.28	24.0	83.3	0.72	852	1.99	0.67	7.3	2.6	590
N829141		3.44	17.15	0.18	1.0	0.347	2.87	26.0	52.7	0.68	955	1.49	0.44	7.9	2.3	590
N829142		9.89	14.40	0.20	0.8	0.699	2.60	22.5	7.8	0.50	2470	2.35	0.03	6.1	2.4	440
N829143		2.32	17.15	0.13	1.0	0.063	1.40	16.2	80.6	0.52	533	1.71	0.97	7.9	2.5	560
N829144		2.18	16.95	0.15	1.0	0.063	1.48	16.6	21.1	0.62	631	0.98	1.81	8.1	2.9	570
N829145		2.73	15.95	0.12	1.1	0.049	2.28	23.1	13.6	0.74	509	1.37	2.26	8.0	2.7	590
N829146		2.57	15.85	0.13	1.2	0.281	2.93	36.9	40.6	0.71	1340	4.43	0.23	6.7	2.6	560
N829147		5.76	14.90	0.16	1.0	0.348	2.69	23.1	10.2	0.41	1480	6.13	0.04	5.6	1.7	410
N829148		2.09	16.85	0.12	1.0	0.149	1.56	15.7	24.2	0.50	555	0.70	1.33	7.6	2.5	580
N829149		1.60	15.95	0.13	0.9	0.108	1.54	22.9	38.7	0.93	668	0.68	0.38	7.0	2.1	580
N829150		7.49	12.60	0.19	1.0	4.07	2.13	17.1	30.4	0.58	2790	15.10	0.08	5.6	13.4	420
N829151		2.06	15.65	0.10	0.9	0.211	0.91	16.3	60.0	0.69	616	0.53	0.39	7.1	2.7	590
N829152		0.52	0.27	0.07	<0.1	0.006	0.02	0.7	1.0	13.75	219	0.12	0.01	0.2	1.2	180
N829153		2.25	16.40	0.11	1.1	0.099	1.01	21.3	88.8	0.90	545	0.64	0.37	8.3	2.3	580
N829154		2.37	16.85	0.12	1.1	0.067	1.46	16.5	28.3	0.66	640	0.68	1.48	8.2	2.9	650
N829155		2.35	17.80	0.12	1.0	0.066	1.48	17.3	26.3	0.61	628	0.62	1.54	8.3	3.1	640
N829156		1.99	17.20	0.12	1.0	0.060	1.85	13.0	19.9	0.40	565	1.50	1.13	7.5	2.2	620
N829157		2.71	16.75	0.13	0.8	0.225	2.28	14.9	29.1	0.54	1100	1.15	0.75	6.4	2.3	610



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**CERTIFICATE OF ANALYSIS WH12138697**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829132		47.1	107.5	<0.002	0.42	19.20	11.1	1	3.2	115.5	0.57	<0.05	11.9	0.231	2.33	5.0
N829133		1310	158.0	<0.002	3.09	32.5	9.7	1	6.0	152.0	0.61	0.39	11.9	0.203	2.53	5.4
N829134		240	135.5	<0.002	1.46	46.8	9.3	1	6.3	101.5	0.45	<0.05	10.3	0.180	2.51	5.9
N829135		1345	105.5	<0.002	7.17	409	6.0	1	12.0	110.0	0.31	0.43	6.8	0.117	1.98	7.5
N829136		8.4	2.2	<0.002	0.10	2.75	0.4	1	0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N829137		168.0	211	<0.002	3.38	13.60	11.6	1	7.2	22.5	0.55	0.07	12.6	0.204	3.47	5.5
N829138		130.0	129.0	<0.002	0.42	5.68	11.7	1	2.7	245	0.68	<0.05	11.7	0.232	1.92	4.0
N829139		169.5	145.0	<0.002	0.59	5.16	11.6	1	2.9	222	0.66	<0.05	12.2	0.228	2.01	4.3
N829140		217	136.0	<0.002	0.57	10.30	11.6	1	2.8	193.5	0.61	<0.05	11.6	0.219	1.95	3.9
N829141		271	165.5	<0.002	1.08	11.30	12.4	1	3.4	148.0	0.62	<0.05	12.3	0.240	2.42	4.5
N829142		759	175.5	<0.002	8.53	48.0	9.1	1	8.9	22.4	0.46	0.14	10.0	0.188	2.71	4.5
N829143		13.5	60.1	<0.002	0.08	12.15	10.9	1	2.4	210	0.64	<0.05	10.0	0.233	1.31	3.0
N829144		12.6	51.9	<0.002	0.06	3.99	10.8	1	2.3	295	0.62	<0.05	8.5	0.239	1.14	3.2
N829145		17.4	74.8	<0.002	0.04	1.99	10.5	1	1.8	407	0.64	<0.05	11.5	0.259	1.09	3.6
N829146		56.9	175.0	<0.002	0.73	58.1	10.3	1	2.8	105.5	0.62	0.13	13.1	0.203	2.83	6.4
N829147		164.0	183.0	<0.002	4.77	34.8	8.4	1	4.8	28.5	0.64	0.28	13.8	0.154	2.56	5.5
N829148		10.7	86.4	<0.002	0.18	6.18	10.1	1	3.2	253	0.57	0.13	10.5	0.228	1.60	3.9
N829149		26.8	74.2	<0.002	0.11	4.83	10.3	1	3.0	162.5	0.54	0.05	12.7	0.217	1.65	4.6
N829150		8630	134.0	0.002	6.59	201	7.6	2	7.9	122.5	0.41	0.46	9.6	0.170	2.05	5.4
N829151		29.9	45.5	<0.002	0.27	13.40	11.0	1	3.1	166.5	0.55	0.19	11.6	0.227	0.93	5.9
N829152		1.9	1.0	<0.002	0.03	0.25	0.3	1	<0.2	47.6	<0.05	<0.05	0.2	<0.005	<0.02	0.5
N829153		37.5	42.6	<0.002	0.09	6.52	10.7	1	2.3	204	0.66	0.05	12.5	0.245	0.76	2.8
N829154		11.2	59.9	<0.002	0.09	4.54	11.3	1	2.2	239	0.60	<0.05	10.0	0.254	1.12	3.3
N829155		11.2	65.0	<0.002	0.08	4.37	11.5	1	2.3	242	0.63	<0.05	10.7	0.251	1.17	3.3
N829156		11.4	67.9	<0.002	0.09	8.39	10.1	1	3.4	148.0	0.53	0.73	8.1	0.235	1.25	2.6
N829157		357	101.0	<0.002	0.51	5.50	9.4	1	3.2	117.0	0.46	0.10	9.9	0.204	1.88	3.5



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**CERTIFICATE OF ANALYSIS WH12138697**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829132		65	3.4	12.2	168	23.3		
N829133		57	5.1	11.1	2990	39.5		
N829134		53	4.1	10.7	1400	19.0		
N829135		35	5.7	7.9	1880	15.2		
N829136		2	0.2	0.9	32	0.5		
N829137		65	8.0	9.2	992	25.1		
N829138		65	2.5	14.2	598	27.5		
N829139		67	2.8	14.0	1400	27.4		
N829140		63	3.9	13.3	794	25.7		
N829141		69	2.9	14.7	1020	26.5		
N829142		54	6.7	10.8	1550	19.6		
N829143		70	2.0	13.1	52	27.0		
N829144		68	1.2	13.0	45	26.7		
N829145		71	1.4	14.7	42	29.5		
N829146		71	1.9	13.1	240	27.4		
N829147		49	4.5	9.3	412	24.4		
N829148		65	1.3	13.1	40	27.2		
N829149		62	1.1	14.4	75	21.7		
N829150		50	3.9	9.4	>10000	32.5	117	1.580
N829151		79	1.4	15.6	79	25.1		
N829152		3	0.1	0.8	19	<0.5		
N829153		70	2.4	14.1	54	30.1		
N829154		81	1.4	14.0	47	30.3		
N829155		81	1.4	14.6	47	29.2		
N829156		71	2.2	11.7	41	27.3		
N829157		67	1.9	10.7	999	23.3		



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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Project: Klaza - 65

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 6-JUL-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12138697**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Page: 1  
Finalized Date: 3-JUL-2012  
Account: ROCKHA

**CERTIFICATE WH12139327**

Project: Klaza - 67

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 3-JUL-2012  
Account: ROCKHA

Project: Klaza - 67

**CERTIFICATE OF ANALYSIS WH12139327**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828230		7.05	0.080	2.91	7.92	255	1930	1.68	1.87	0.29	7.28	51.4	4.2	9	14.10	233
N828231		9.91	0.031	1.79	8.15	77.9	2110	1.83	2.73	0.80	14.00	59.3	10.5	9	18.45	85.7
N828232		4.68	0.025	1.13	8.01	21.8	2980	1.71	0.74	0.82	4.78	61.8	6.4	8	9.59	70.7
N828233		4.26	0.005	0.30	8.06	13.6	2540	1.74	0.22	1.58	5.16	66.0	3.7	8	13.15	12.5
N828234		<0.02	0.006	0.25	7.95	13.7	2510	1.86	0.23	1.57	5.33	65.9	4.0	9	13.50	12.2
N828235		10.22	<0.005	0.35	7.80	13.7	2180	1.73	0.31	2.00	3.35	38.6	4.0	9	9.23	33.0
N828236		10.54	<0.005	0.41	7.65	14.6	2020	1.69	0.42	1.91	5.63	56.9	5.5	9	9.82	11.4
N828237		13.47	0.020	1.12	7.35	50.7	1820	1.72	1.71	1.33	4.39	73.1	4.0	9	8.38	47.3
N828238		0.28	0.827	10.20	6.95	1905	200	1.39	6.32	2.07	45.4	47.5	15.4	19	17.70	114.5
N828239		5.92	0.564	4.16	7.67	189.5	480	1.42	6.44	1.35	9.21	61.5	5.1	7	12.65	453
N828240		6.55	0.943	4.79	6.42	254	310	1.45	3.78	0.42	39.4	59.5	4.3	7	13.50	112.5
N828241		2.70	0.008	0.04	0.11	7	20	0.06	0.06	21.1	0.16	1.61	1.2	<1	0.28	2.0
N828242		4.16	0.261	1.80	7.11	636	1520	1.56	1.53	1.49	55.6	72.3	3.3	6	14.45	51.9
N828243		8.08	0.012	0.24	7.60	22.7	2410	1.60	0.31	2.42	3.19	49.0	5.2	9	17.75	6.9
N828244		3.34	<0.005	0.18	7.29	22.1	2210	1.59	0.27	2.34	3.06	47.2	6.9	8	16.50	3.5
N828245		4.33	1.415	4.54	6.59	4100	1140	1.41	4.22	1.90	24.3	42.5	4.4	7	19.25	206
N828246		10.46	0.029	0.38	7.24	17.4	2140	1.42	0.31	2.69	1.29	44.6	4.4	9	14.65	5.7
N828247		13.42	0.028	0.87	7.02	67.5	1320	1.53	0.62	2.66	6.51	43.7	5.0	9	13.45	15.3
N828248		0.26	4.50	>100	5.35	8340	110	1.08	58.3	2.00	219	32.9	8.0	17	11.60	1280
N828249		10.17	0.046	1.40	6.50	86.2	1450	1.40	1.09	2.58	4.62	49.8	3.3	8	7.44	35.2
N828250		4.37	0.492	1.84	6.94	135.5	1170	1.33	1.28	2.95	36.8	21.5	1.9	9	6.03	47.2
N828251		6.57	<0.005	0.43	6.57	29.6	560	1.61	0.63	3.28	2.28	29.7	3.1	8	7.38	4.5
N828252		6.08	0.011	0.40	6.18	46.0	890	1.53	0.45	3.24	1.80	26.9	6.3	7	9.55	4.6
N828253		4.71	0.494	7.04	6.43	996	240	1.13	4.93	0.59	22.8	33.5	8.9	6	8.49	90.3
N828254		5.73	0.254	4.22	7.25	299	570	1.22	4.63	0.33	27.3	34.8	12.5	10	7.85	115.0
N828255		3.76	0.732	12.40	6.65	1520	300	1.22	21.1	0.25	11.05	51.4	5.6	10	7.63	203
N828256		3.89	0.032	2.10	7.03	77.8	1160	1.44	2.45	1.73	7.43	45.3	5.5	8	11.65	74.2
N828257		3.25	0.007	0.40	7.40	57.1	1970	1.91	1.02	2.35	0.32	46.7	7.0	9	13.10	14.9
N828258		11.48	<0.005	0.15	6.76	14.3	2200	1.71	0.99	3.27	0.24	44.4	10.1	11	9.69	9.1
N828259		4.52	<0.005	0.14	6.62	13.2	2190	1.59	1.09	3.17	0.19	42.2	14.7	11	9.37	7.1
N828260		5.40	<0.005	0.04	6.78	15.1	1980	1.48	0.17	2.09	0.19	40.5	6.1	10	11.30	1.5
N828261		3.11	<0.005	0.07	7.31	18.9	2630	1.30	0.19	1.50	0.26	42.8	6.5	9	18.70	2.3
N828262		8.27	<0.005	0.08	6.86	8.3	2160	1.76	0.20	2.57	0.16	45.8	5.4	11	12.50	6.2
N828263		6.42	0.066	2.58	7.23	283	2010	1.72	1.97	1.65	15.00	34.2	5.7	9	7.53	104.0
N828264		1.38	<0.005	0.02	0.08	6	20	0.05	0.03	21.4	0.09	1.42	1.6	<1	0.18	3.1
N828265		0.76	0.008	0.20	6.39	22.8	2100	1.65	0.20	3.23	1.75	22.4	9.0	9	6.35	2.8



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Finalized Date: 3-JUL-2012  
Account: ROCKHA

Project: Klaza - 67

**CERTIFICATE OF ANALYSIS WH12139327**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828230		5.16	17.10	0.11	1.0	0.284	3.52	28.8	13.9	0.29	632	2.17	0.36	6.9	2.3	590
N828231		4.78	17.65	0.12	1.1	0.193	3.44	36.3	25.9	0.36	1240	2.23	0.37	7.5	2.8	600
N828232		3.74	17.20	0.12	1.1	0.170	3.26	33.5	11.9	0.57	486	1.11	1.48	7.9	2.6	620
N828233		2.70	17.20	0.14	1.2	0.070	2.89	38.9	9.6	0.32	448	2.20	2.13	7.7	2.1	590
N828234		2.70	17.30	0.14	1.1	0.065	2.89	36.0	9.8	0.31	452	2.41	2.12	7.8	2.2	600
N828235		1.81	17.45	0.12	1.0	0.065	3.24	18.3	10.8	0.46	617	6.07	0.76	7.1	2.4	630
N828236		1.88	17.45	0.14	1.1	0.104	3.66	28.5	12.0	0.44	750	2.22	0.11	6.0	2.8	620
N828237		2.49	15.90	0.15	1.1	0.188	3.22	39.1	105.0	0.60	874	4.74	0.04	5.9	2.6	580
N828238		5.62	15.25	0.15	1.5	0.975	3.02	23.5	27.4	0.75	2060	14.20	0.29	8.0	16.1	520
N828239		5.41	15.30	0.16	1.0	0.307	3.39	33.4	46.7	0.83	1640	4.01	0.04	5.9	2.5	570
N828240		4.53	14.25	0.16	0.9	0.463	2.99	33.0	18.4	0.36	1180	9.95	0.03	5.3	2.3	410
N828241		0.49	0.31	0.08	<0.1	0.005	0.05	0.8	1.4	13.35	221	0.14	0.01	0.3	1.5	190
N828242		4.01	15.80	0.15	1.0	1.570	3.45	42.3	10.6	0.81	2600	2.77	0.04	6.2	2.2	520
N828243		3.94	16.20	0.16	1.2	0.088	3.83	24.3	20.1	0.76	1110	2.63	1.05	7.6	2.8	610
N828244		2.87	14.50	0.14	1.5	0.038	3.47	23.5	21.0	0.62	768	2.23	1.32	7.0	2.2	540
N828245		3.63	14.35	0.12	1.0	0.510	2.93	21.7	35.8	0.57	2090	3.95	0.05	6.6	2.3	520
N828246		2.99	14.30	0.15	1.3	0.080	3.03	22.5	16.8	0.70	577	2.43	1.73	7.3	2.1	580
N828247		3.21	15.30	0.15	1.0	0.134	2.97	22.6	25.9	0.78	1340	1.15	0.52	6.2	2.5	550
N828248		8.22	12.05	0.19	1.1	4.75	2.32	16.5	31.8	0.64	3000	16.95	0.08	5.5	13.6	440
N828249		2.73	14.65	0.12	0.9	0.240	3.34	29.5	25.1	0.81	1960	0.58	0.09	5.9	1.1	530
N828250		3.62	14.40	0.15	1.0	0.693	3.18	8.1	30.5	0.95	2340	1.13	0.11	4.9	1.4	490
N828251		1.81	15.65	0.14	1.1	0.116	2.53	11.3	83.2	0.59	1080	0.36	0.13	6.1	1.5	560
N828252		2.08	14.75	0.14	0.9	0.100	2.63	10.8	60.5	0.89	1240	1.19	0.14	5.3	3.1	500
N828253		6.28	14.90	0.17	0.8	0.508	3.16	15.5	6.7	0.53	1600	1.43	0.04	5.0	3.3	500
N828254		6.59	15.30	0.17	1.0	1.385	3.51	15.4	5.4	0.55	2720	0.98	0.04	5.9	3.5	580
N828255		7.81	15.80	0.20	1.0	0.433	3.18	26.1	5.7	0.35	1320	1.38	0.04	6.0	2.2	490
N828256		4.25	14.15	0.17	1.0	0.431	3.40	23.0	20.2	0.77	2600	1.07	0.05	6.4	2.2	520
N828257		4.01	18.00	0.10	1.2	0.111	3.29	24.4	23.6	0.67	830	1.18	0.64	8.7	2.7	570
N828258		2.87	16.95	0.07	1.1	0.051	2.70	23.6	13.5	0.81	704	1.22	0.97	7.0	3.4	550
N828259		2.90	16.85	0.09	1.0	0.047	2.70	22.0	13.5	0.75	669	1.63	1.02	6.9	3.4	540
N828260		2.72	17.60	0.10	1.2	0.042	2.42	20.9	61.3	0.51	693	1.29	0.16	7.9	2.5	610
N828261		2.82	17.60	0.09	1.2	0.043	2.38	22.4	97.3	0.38	637	1.41	0.11	9.7	2.3	680
N828262		2.97	16.50	0.11	1.2	0.046	2.76	23.4	22.0	0.70	498	1.50	1.89	8.9	2.3	580
N828263		4.76	16.20	0.11	1.0	0.902	3.41	17.3	12.0	0.72	3890	0.63	0.06	5.9	2.2	490
N828264		0.54	0.37	<0.05	<0.1	0.007	0.03	0.7	1.1	12.70	221	0.21	0.01	0.4	1.8	160
N828265		2.15	16.80	0.06	1.0	0.051	3.40	8.9	14.1	0.76	1430	0.57	0.06	6.1	2.6	560



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Finalized Date: 3-JUL-2012  
Account: ROCKHA

Project: Klaza - 67

**CERTIFICATE OF ANALYSIS WH12139327**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828230		361	194.5	0.002	0.07	10.85	11.0	1	5.1	78.4	0.61	0.20	16.2	0.235	2.57	8.3
N828231		203	179.0	<0.002	0.43	6.80	11.7	1	4.8	105.0	0.64	0.32	15.7	0.243	2.30	6.7
N828232		117.0	139.0	<0.002	0.11	5.46	11.1	1	2.2	227	0.71	0.12	16.9	0.259	1.45	3.9
N828233		27.2	119.0	<0.002	0.06	3.84	11.5	2	1.9	308	0.70	0.06	15.4	0.249	1.28	4.0
N828234		27.5	119.5	<0.002	0.07	3.83	11.5	2	2.0	308	0.68	<0.05	15.4	0.248	1.27	4.0
N828235		37.6	138.0	0.003	0.11	24.6	10.4	1	2.5	120.0	0.61	<0.05	13.5	0.237	1.87	3.5
N828236		75.1	180.5	0.004	0.22	31.9	9.5	<1	2.7	65.4	0.56	<0.05	14.3	0.212	2.85	3.5
N828237		89.5	179.0	0.003	0.67	19.15	10.2	1	3.6	89.5	0.57	0.10	14.6	0.196	2.54	5.1
N828238		1405	166.0	<0.002	3.38	35.0	9.0	1	6.6	160.5	0.68	0.34	11.7	0.217	2.59	5.4
N828239		315	188.5	<0.002	2.82	19.20	10.7	1	6.5	58.6	0.55	0.40	14.2	0.215	2.98	4.5
N828240		1070	203	<0.002	3.41	43.2	9.0	1	5.9	34.0	0.46	0.14	11.9	0.178	2.93	4.4
N828241		5.0	2.3	<0.002	0.03	0.19	0.3	1	<0.2	43.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N828242		536	195.5	<0.002	0.80	13.85	10.0	1	2.6	46.9	0.54	<0.05	13.0	0.214	2.90	6.9
N828243		94.5	145.5	<0.002	0.22	6.87	10.8	1	2.1	223	0.69	<0.05	12.6	0.265	2.42	5.8
N828244		24.9	128.5	<0.002	0.18	7.10	9.2	1	1.4	235	0.85	<0.05	15.9	0.232	2.15	6.4
N828245		318	133.5	<0.002	1.50	26.5	8.4	1	4.8	79.6	0.60	<0.05	11.0	0.223	2.39	5.8
N828246		172.5	112.0	<0.002	0.12	4.99	10.0	1	1.9	307	0.69	<0.05	13.0	0.254	1.51	4.4
N828247		242	158.0	<0.002	0.85	6.94	10.3	1	2.7	146.0	0.50	0.06	13.4	0.214	2.52	4.3
N828248		9460	139.0	0.002	7.26	214	7.1	2	8.9	122.0	0.44	0.52	8.7	0.181	2.18	5.5
N828249		207	166.5	<0.002	0.95	15.35	8.9	1	3.5	97.5	0.51	0.13	11.3	0.192	3.20	2.4
N828250		286	157.5	<0.002	1.09	83.6	9.3	1	3.4	95.8	0.43	0.05	11.7	0.174	2.78	2.2
N828251		132.0	121.5	<0.002	0.40	6.61	9.4	1	2.3	127.5	0.61	0.09	11.2	0.206	2.51	3.2
N828252		64.7	116.0	<0.002	0.49	6.05	9.0	1	2.4	112.0	0.50	0.06	9.9	0.178	2.56	3.1
N828253		1065	221	<0.002	3.63	19.90	9.1	1	4.4	15.9	0.42	0.16	11.9	0.165	2.89	2.7
N828254		471	232	<0.002	2.98	10.75	9.9	1	3.9	12.7	0.52	0.27	13.4	0.190	3.05	3.2
N828255		430	198.0	<0.002	6.40	22.4	9.4	1	4.8	26.3	0.53	0.62	11.7	0.206	2.94	2.9
N828256		352	215	<0.002	1.19	11.45	9.1	1	2.8	51.0	0.58	0.30	12.7	0.192	3.21	3.0
N828257		27.4	139.0	<0.002	0.39	5.25	10.9	1	2.1	167.0	0.71	0.11	12.4	0.241	2.26	3.3
N828258		15.7	105.0	<0.002	0.31	4.76	10.9	1	1.6	180.5	0.58	<0.05	11.0	0.203	1.74	3.9
N828259		14.8	99.1	<0.002	0.38	4.66	10.7	1	1.5	183.5	0.56	<0.05	10.5	0.204	1.69	4.0
N828260		11.1	86.6	<0.002	0.13	27.1	10.4	1	1.5	152.5	0.67	<0.05	10.7	0.227	1.55	4.0
N828261		19.5	85.7	<0.002	0.10	30.3	11.9	1	1.8	179.0	0.78	<0.05	11.7	0.278	1.13	2.7
N828262		17.6	95.9	<0.002	0.07	3.40	10.9	1	1.6	318	0.75	<0.05	11.8	0.248	1.24	3.7
N828263		241	179.5	<0.002	1.02	9.79	10.2	1	3.7	46.4	0.50	<0.05	15.2	0.170	2.71	4.1
N828264		1.9	1.5	<0.002	0.09	0.07	0.4	1	<0.2	43.8	<0.05	<0.05	0.2	<0.005	0.02	0.6
N828265		93.2	113.0	<0.002	0.39	4.80	10.6	1	1.9	80.0	0.54	<0.05	10.9	0.186	2.38	4.9





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**CERTIFICATE OF ANALYSIS WH12139327**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828230		68	4.8	11.2	781	24.7		
N828231		65	4.1	16.1	944	26.0		
N828232		71	2.1	14.5	541	28.1		
N828233		70	1.3	16.9	364	27.2		
N828234		71	1.3	16.9	365	25.5		
N828235		70	1.6	12.8	251	24.8		
N828236		74	1.8	10.1	454	24.4		
N828237		65	3.1	12.6	363	25.1		
N828238		62	5.6	11.6	3120	41.4		
N828239		70	4.7	12.1	830	22.1		
N828240		58	5.2	8.7	1240	21.7		
N828241		2	0.1	0.9	22	0.5		
N828242		61	4.2	12.3	3660	24.4		
N828243		74	3.6	13.7	388	30.0		
N828244		64	2.4	12.5	572	31.3		
N828245		61	4.3	11.4	1580	25.3		
N828246		69	2.2	13.6	206	29.1		
N828247		69	2.6	13.2	581	25.4		
N828248		54	4.5	9.1	>10000	31.6	120	1.680
N828249		53	2.7	10.9	318	22.2		
N828250		53	2.7	9.3	2290	23.9		
N828251		60	1.4	10.2	250	25.0		
N828252		61	1.5	10.5	324	22.8		
N828253		55	7.7	6.6	1740	20.1		
N828254		56	9.3	6.4	1380	25.7		
N828255		67	6.6	8.0	600	23.8		
N828256		63	3.3	10.7	522	26.3		
N828257		74	3.1	14.1	131	33.9		
N828258		71	1.3	12.0	75	30.3		
N828259		73	1.2	11.5	75	29.5		
N828260		65	5.2	10.9	102	32.2		
N828261		72	7.4	14.4	124	33.6		
N828262		72	1.4	14.7	52	35.1		
N828263		63	2.7	8.2	1200	27.8		
N828264		3	0.1	1.0	17	<0.5		
N828265		65	1.8	8.3	175	29.4		



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**CERTIFICATE OF ANALYSIS WH12139327**

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.



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**CERTIFICATE WH12140552**

Project: Klaza-66

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12140552**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829559		4.59	0.017	0.54	7.60	34.5	3090	1.50	2.83	1.90	0.16	45.5	9.7	11	10.30	66.0
N829560		10.16	0.036	1.84	6.53	82.5	250	1.30	3.56	1.60	2.10	44.7	6.4	13	14.05	92.5
N829561		10.36	0.010	0.35	7.66	22.2	2340	1.48	1.57	2.40	0.15	49.5	6.2	12	10.00	61.6
N829562		10.15	0.034	1.96	7.31	79.5	730	1.49	5.16	1.94	1.18	54.3	7.4	11	14.75	172.0
N829563		6.71	0.859	51.0	6.74	2410	210	1.44	71.8	1.62	33.9	48.3	9.0	8	14.95	1060
N829564		2.19	<0.005	0.24	0.09	<5	20	0.05	0.45	21.2	0.16	1.52	1.7	2	0.27	11.2
N829565		5.60	0.023	0.77	7.16	43.4	2040	1.55	3.90	2.56	0.26	53.9	6.7	11	15.10	141.5
N829566		4.65	0.024	1.08	6.93	29.9	1780	1.32	2.90	1.78	0.46	54.0	5.7	11	14.15	81.4
N829567		7.80	0.026	1.55	7.14	41.7	900	1.54	3.16	2.30	0.32	49.7	8.5	11	14.55	72.6
N829568		8.05	0.010	0.24	7.46	18.0	1820	1.20	1.31	1.83	0.13	43.4	4.1	11	10.35	54.9
N829569		7.16	0.079	1.20	7.20	41.7	310	1.55	4.29	2.33	0.24	54.9	19.4	10	21.1	83.8
N829570		0.25	2.26	23.6	5.83	3100	400	1.38	19.20	2.23	73.0	44.5	11.7	20	14.50	429
N829571		12.86	0.026	0.41	7.42	49.6	2410	1.51	3.97	2.07	0.27	50.8	13.7	10	13.45	90.2
N829572		10.11	0.014	0.36	7.46	19.4	2440	1.62	2.16	2.07	0.15	48.3	8.2	11	12.40	105.5
N829573		7.57	0.013	0.38	7.38	22.0	1820	1.47	1.45	1.96	0.21	49.5	5.6	11	12.55	102.5
N829574		6.86	0.054	1.30	6.47	72.6	400	1.68	3.39	2.39	1.79	49.2	11.4	9	11.40	31.5
N829575		12.37	0.038	0.69	7.38	57.4	2260	1.43	1.78	2.55	0.24	47.5	7.8	12	11.40	184.0
N829576		7.05	0.177	0.75	7.34	49.9	2400	1.60	2.83	2.90	0.18	56.8	8.2	11	10.35	114.0
N829577		6.86	0.039	0.74	7.40	39.9	2660	1.57	1.95	2.59	0.22	56.5	7.3	11	9.84	125.5
N829578		8.99	0.022	0.46	7.26	30.3	2500	1.50	2.49	2.26	0.21	47.8	6.8	10	10.35	65.6
N829579		4.62	0.016	0.35	7.39	25.8	2600	1.42	2.11	2.33	0.26	45.5	5.7	13	9.51	58.2
N829580		6.16	0.045	2.61	7.21	87.1	290	1.60	40.1	2.12	1.61	51.1	22.5	10	12.80	313
N829581		5.80	0.013	0.26	7.66	14.3	2950	1.56	1.81	2.44	0.13	50.7	5.8	12	10.20	39.8
N829582		4.63	0.084	3.18	7.27	80.7	330	1.57	5.90	1.62	0.56	54.1	7.4	9	11.90	35.8
N829583		12.06	0.016	0.43	7.39	21.9	2830	1.51	2.19	2.56	0.11	46.7	14.7	10	12.90	53.5
N829584		9.65	0.017	0.59	7.63	29.9	2270	1.56	2.24	2.44	0.28	51.2	8.6	11	14.15	131.5
N829585		0.24	4.37	>100	5.40	6980	130	1.15	58.6	1.99	221	33.2	9.8	18	11.15	1245
N829586		7.42	0.020	0.62	6.66	33.0	1370	1.46	3.82	3.76	0.35	57.5	20.1	9	32.5	45.2
N829587		14.01	0.009	0.22	6.83	13.9	1790	1.37	1.17	2.93	0.32	42.3	8.3	9	16.60	24.1
N829588		12.47	0.007	0.17	7.87	9.8	2210	1.28	0.71	2.00	0.24	43.1	6.8	9	12.50	45.0
N829589		12.35	0.007	0.26	7.07	10.2	1680	1.18	1.18	2.07	0.19	40.8	5.1	10	11.50	45.3
N829590		<0.02	0.009	0.28	7.65	11.3	1700	1.25	1.21	2.13	0.19	41.1	5.3	10	11.90	46.9
N829591		11.23	0.026	0.24	6.89	15.8	1610	1.31	0.89	2.57	0.20	46.8	11.2	10	21.1	84.5
N829592		1.64	<0.005	0.01	0.11	<5	20	0.07	0.02	21.8	0.07	1.28	1.9	1	0.26	1.5
N829593		7.80	0.009	0.48	6.62	18.0	1360	1.40	1.39	4.25	0.17	43.5	9.2	9	12.80	74.0
N829594		9.15	0.032	0.95	6.82	61.2	2010	1.53	1.76	3.82	1.06	54.4	9.5	10	21.5	180.5



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**CERTIFICATE OF ANALYSIS WH12140552**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829559		3.28	16.15	0.16	0.8	0.261	3.47	23.2	16.2	0.67	621	4.41	0.90	7.2	2.9	600
N829560		5.42	15.65	0.18	0.7	0.396	2.86	23.6	13.9	0.80	1850	1.13	0.13	6.5	2.8	500
N829561		3.10	17.45	0.19	0.9	0.181	2.92	24.7	21.5	0.83	665	1.19	1.35	8.3	2.8	630
N829562		4.63	16.10	0.18	0.8	0.477	3.19	28.6	14.3	0.95	1320	1.79	0.31	7.5	3.3	600
N829563		6.93	16.10	0.22	0.8	1.015	3.13	25.6	11.3	0.87	3600	1.52	0.04	7.0	2.9	540
N829564		0.49	0.29	0.15	<0.1	0.012	0.04	0.8	1.2	12.60	216	0.20	<0.01	0.3	4.4	170
N829565		2.81	16.40	0.16	1.0	0.440	3.01	28.0	27.8	0.92	961	1.81	0.08	7.2	2.5	560
N829566		3.01	15.25	0.14	1.1	0.244	3.12	29.2	27.3	0.68	818	1.91	0.09	6.8	2.6	420
N829567		3.31	16.05	0.14	0.9	0.238	2.93	25.8	28.8	0.87	751	1.66	0.07	7.2	2.7	550
N829568		2.41	15.90	0.14	1.1	0.141	2.21	22.2	67.6	0.64	548	1.31	0.08	7.7	2.1	620
N829569		3.77	15.25	0.15	0.9	0.190	2.90	30.4	19.2	0.96	734	1.48	0.05	6.8	3.1	550
N829570		6.80	14.75	0.12	0.9	1.730	2.60	24.2	24.7	0.91	1840	13.25	0.04	5.9	15.9	430
N829571		2.93	16.55	0.14	0.9	0.197	2.42	26.9	39.7	0.79	631	5.41	0.21	7.2	2.5	590
N829572		2.77	16.50	0.14	1.1	0.169	2.67	25.0	20.7	0.78	525	1.74	1.87	8.1	3.4	580
N829573		2.57	16.00	0.10	1.2	0.173	2.71	25.1	53.9	0.71	592	1.15	0.49	6.7	2.7	580
N829574		4.02	13.70	0.17	0.8	0.438	2.89	27.1	16.0	0.96	1220	2.48	0.04	6.2	2.7	480
N829575		3.10	17.05	0.15	1.0	0.322	2.95	23.8	28.6	0.80	936	5.46	1.15	7.5	2.6	590
N829576		3.46	16.90	0.16	1.1	0.424	3.12	29.3	13.8	0.86	1050	2.55	1.49	8.1	3.2	620
N829577		2.95	16.85	0.17	1.1	0.333	3.23	29.3	17.7	0.81	831	1.05	1.76	7.7	2.8	560
N829578		2.85	17.10	0.16	1.1	0.443	3.02	24.5	23.9	0.77	724	1.19	1.15	7.7	2.8	570
N829579		2.82	16.90	0.16	1.1	0.418	3.06	22.7	26.1	0.78	730	1.22	1.24	7.7	2.6	590
N829580		4.39	15.70	0.16	1.0	0.325	3.12	27.2	24.1	0.87	945	2.17	0.58	7.4	2.9	570
N829581		2.88	16.05	0.17	0.9	0.196	2.90	26.5	10.7	0.75	505	1.29	2.26	7.3	2.5	600
N829582		3.84	16.25	0.16	0.9	0.226	3.29	29.9	23.0	0.70	1120	1.04	0.06	7.1	2.5	560
N829583		3.15	16.50	0.15	0.9	0.251	3.02	23.2	25.1	0.82	675	1.64	0.80	7.8	3.0	590
N829584		3.80	16.75	0.17	1.0	0.540	2.87	26.5	25.9	0.94	732	2.92	0.71	7.4	2.5	590
N829585		8.21	13.30	0.14	1.0	4.76	2.27	17.3	31.8	0.64	2960	15.35	0.08	5.6	14.1	440
N829586		2.79	15.10	0.16	0.8	0.398	2.25	33.0	30.0	0.89	779	3.10	0.06	6.5	2.9	500
N829587		2.24	15.05	0.15	1.0	0.159	2.53	21.6	55.8	0.68	627	9.39	0.08	7.8	2.3	560
N829588		2.61	17.05	0.14	1.1	0.104	3.07	21.6	63.6	0.64	449	1.79	0.12	8.9	2.4	600
N829589		2.48	15.15	0.14	1.0	0.121	2.42	20.2	69.9	0.75	557	1.68	0.09	7.8	2.3	560
N829590		2.56	16.25	0.13	1.0	0.141	2.48	20.4	72.8	0.78	578	1.97	0.09	7.7	2.4	560
N829591		2.48	15.35	0.15	0.9	0.161	2.30	24.3	57.9	0.79	612	2.71	0.08	7.5	2.2	550
N829592		0.48	0.38	0.25	<0.1	0.007	0.03	0.6	1.5	13.05	212	0.17	<0.01	0.3	4.0	160
N829593		2.64	13.60	0.15	1.0	0.214	2.09	24.0	66.9	0.99	783	2.24	0.07	6.7	2.0	430
N829594		2.78	14.25	0.16	1.0	0.524	2.80	30.8	19.1	1.38	1600	2.80	0.06	6.7	2.6	500



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**CERTIFICATE OF ANALYSIS WH12140552**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N829559		20.2	126.5	<0.002	0.86	4.81	11.5	1	3.0	181.0	0.52	1.06	12.2	0.225	5.9
N829560		110.5	161.0	<0.002	2.57	9.47	10.2	2	5.0	92.0	0.47	0.59	10.2	0.199	3.6
N829561		25.4	114.5	<0.002	0.58	4.53	12.5	1	2.8	270	0.59	0.37	13.0	0.260	4.5
N829562		70.4	176.5	<0.002	1.77	8.88	12.2	2	3.9	124.5	0.57	1.13	12.1	0.226	4.4
N829563		922	200	<0.002	4.71	51.3	10.6	2	8.1	42.4	0.52	2.10	11.8	0.209	4.8
N829564		6.3	2.4	<0.002	0.02	0.19	0.5	<1	<0.2	47.3	<0.05	<0.05	0.2	<0.005	1.3
N829565		23.1	145.0	<0.002	0.56	19.10	10.8	1	3.3	135.5	0.62	0.85	14.3	0.230	3.7
N829566		34.4	144.5	<0.002	0.91	12.75	8.5	1	2.6	99.8	0.69	0.37	19.8	0.182	3.8
N829567		36.9	132.0	<0.002	1.72	12.85	10.2	2	4.6	162.0	0.58	0.78	14.7	0.230	3.9
N829568		14.8	80.3	<0.002	0.34	12.45	10.3	1	2.2	208	0.61	0.17	14.9	0.259	3.9
N829569		41.9	159.0	<0.002	2.48	12.05	10.3	3	6.0	111.5	0.52	0.95	14.2	0.226	3.5
N829570		2750	158.5	0.002	4.78	89.4	8.1	2	8.1	92.0	0.45	0.36	11.1	0.175	5.5
N829571		19.1	103.5	0.002	0.98	23.5	10.8	2	3.1	154.0	0.57	0.96	13.9	0.241	5.1
N829572		22.9	92.8	<0.002	0.35	11.15	10.5	1	3.4	350	0.69	0.61	15.3	0.251	4.3
N829573		17.2	109.5	<0.002	0.52	10.70	10.2	1	3.8	244	0.57	0.73	14.0	0.240	3.9
N829574		70.2	176.5	<0.002	2.04	11.75	8.7	2	4.3	93.0	0.51	0.82	13.3	0.187	6.4
N829575		24.0	119.0	0.002	0.69	11.35	10.3	1	3.4	251	0.61	0.47	13.1	0.236	4.1
N829576		23.9	139.0	0.002	1.03	4.04	10.9	1	3.7	301	0.72	0.55	13.7	0.241	5.0
N829577		27.0	122.5	0.002	0.54	11.65	10.4	1	3.4	293	0.59	0.35	14.9	0.232	4.9
N829578		21.4	123.5	<0.002	1.03	7.38	10.5	1	4.1	215	0.72	0.56	13.7	0.224	4.6
N829579		21.3	112.0	<0.002	0.88	7.16	10.4	1	3.9	232	0.74	0.56	13.6	0.234	4.8
N829580		98.4	138.5	<0.002	2.52	15.85	10.6	2	5.2	153.5	0.66	1.36	13.7	0.225	4.6
N829581		18.0	107.5	0.002	0.88	4.25	10.2	1	3.4	353	0.56	0.55	12.8	0.242	3.6
N829582		83.1	200	<0.002	2.38	13.85	10.2	2	4.8	87.2	0.52	0.96	12.4	0.231	5.3
N829583		18.7	116.0	0.002	1.07	12.30	10.1	2	3.5	199.5	0.64	0.51	11.8	0.245	4.5
N829584		31.3	127.0	<0.002	1.09	18.45	10.5	2	4.3	206	0.58	0.48	14.0	0.239	6.1
N829585		9480	133.0	0.002	7.16	218	7.2	3	8.6	123.0	0.44	0.44	9.4	0.179	5.7
N829586		42.0	117.5	0.002	1.22	12.90	9.4	2	3.4	138.0	0.52	1.18	13.0	0.207	5.8
N829587		22.1	84.2	0.018	0.45	10.75	8.7	1	2.6	169.5	0.73	0.35	12.8	0.236	2.6
N829588		28.6	106.5	0.002	0.20	10.40	10.2	1	2.3	175.5	0.83	0.17	15.5	0.258	3.0
N829589		23.7	75.4	0.003	0.21	11.90	9.8	1	2.5	190.0	0.69	0.27	12.8	0.242	2.4
N829590		23.9	75.3	0.002	0.23	12.15	10.0	1	2.7	197.0	0.67	0.32	13.0	0.242	2.7
N829591		21.4	82.4	0.002	0.37	14.05	10.0	1	12.2	182.5	0.62	0.24	13.2	0.238	3.6
N829592		1.3	1.6	0.002	0.01	0.12	0.4	<1	0.2	44.2	<0.05	<0.05	0.2	<0.005	0.5
N829593		18.9	80.7	0.005	0.67	16.10	8.3	1	6.1	227	0.76	0.53	14.8	0.197	4.6
N829594		47.7	141.0	<0.002	0.71	20.3	9.5	1	7.0	118.0	0.51	0.33	15.6	0.217	4.7



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**CERTIFICATE OF ANALYSIS WH12140552**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829559		70	1.7	12.7	53	25.2		
N829560		61	4.5	9.6	229	20.8		
N829561		75	1.5	15.2	49	25.4		
N829562		70	2.5	13.1	144	21.9		
N829563		63	6.3	10.2	3500	22.5		
N829564		2	0.1	0.9	25	<0.5		
N829565		66	2.1	16.4	66	26.0		
N829566		50	3.4	14.1	64	27.4		
N829567		66	2.7	13.9	59	24.2		
N829568		66	5.8	13.8	49	26.7		
N829569		67	2.1	13.3	43	23.2		
N829570		55	5.0	10.8	5290	24.8		
N829571		72	2.0	14.2	59	23.8		
N829572		69	1.9	16.3	52	27.8		
N829573		67	4.4	14.7	55	27.9		
N829574		56	2.4	12.6	169	21.9		
N829575		69	1.7	15.0	67	25.9		
N829576		72	1.4	16.9	64	26.3		
N829577		66	1.4	16.4	59	29.2		
N829578		67	1.6	15.3	54	27.1		
N829579		70	1.6	14.9	62	27.3		
N829580		65	2.0	13.8	187	24.7		
N829581		71	1.2	14.9	43	24.2		
N829582		65	3.5	13.1	79	22.7		
N829583		71	5.0	14.6	45	23.3		
N829584		70	2.6	17.0	70	25.2		
N829585		52	4.4	10.2	>10000	30.7	125	1.595
N829586		62	3.5	19.8	57	22.2		
N829587		64	12.5	16.0	58	25.6		
N829588		69	15.5	13.9	54	28.7		
N829589		66	16.0	13.2	56	25.3		
N829590		68	15.3	13.3	55	26.0		
N829591		66	16.6	14.9	46	24.2		
N829592		2	0.2	0.9	16	<0.5		
N829593		53	7.5	16.0	49	22.6		
N829594		60	2.7	18.3	135	26.5		



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**CERTIFICATE OF ANALYSIS WH12140552**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12140553**

Project: Klaza-66

P.O. No.: Batch 2

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12140553**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829487		4.39	0.978	2.90	6.98	1355	630	1.84	1.62	2.18	14.40	51.1	4.9	8	20.3	81.2
N829488		2.30	<0.005	0.02	0.13	<5	20	0.10	0.03	21.6	0.09	2.12	1.9	2	0.21	1.3
N829489		4.73	1.205	5.34	6.09	3450	130	1.29	1.23	2.83	37.4	40.8	8.0	8	10.75	73.3
N829490		12.02	0.083	4.35	6.83	192.5	340	1.43	2.79	1.99	3.67	52.0	6.4	8	13.40	116.5
N829491		9.11	0.162	6.73	7.13	158.5	390	1.51	7.56	1.72	19.10	51.5	7.1	9	14.00	173.5
N829492		0.32	4.59	>100	5.33	7340	90	1.29	57.7	1.92	221	31.9	9.1	18	11.25	1230
N829493		5.99	0.896	9.41	6.82	2590	380	1.37	10.20	1.43	70.1	44.7	10.5	9	9.53	198.0
N829494		4.76	2.63	>100	6.25	2910	370	1.94	3.48	1.23	140.5	36.9	4.5	9	8.97	2010
N829495		7.99	0.013	1.01	7.25	38.9	2630	1.64	1.68	1.58	1.10	59.0	3.5	9	11.40	45.4
N829496		5.68	0.066	1.19	7.44	95.3	2230	1.61	1.81	1.89	1.05	53.8	3.9	9	11.50	128.5
N829497		4.74	2.50	24.6	5.39	2800	280	1.24	10.70	1.46	79.7	36.1	4.8	7	11.20	283
N829498		1.96	<0.005	0.07	0.17	6	40	0.08	0.03	20.4	0.18	1.15	1.3	1	1.78	3.1
N829499		5.39	0.065	3.27	6.79	235	330	1.51	1.31	1.96	9.55	56.4	5.5	8	13.70	47.5
N829500		12.28	0.096	1.52	7.27	118.5	1010	1.49	3.32	1.95	2.22	48.3	5.1	8	12.90	117.0
N829501		7.77	0.352	1.15	7.67	111.5	3140	1.56	2.11	1.88	0.82	53.3	6.7	9	12.10	217
N829502		9.28	0.274	6.28	7.54	240	510	1.73	8.95	1.13	4.82	56.9	12.6	8	11.00	564
N829503		5.17	1.430	7.07	7.21	6690	120	1.48	13.50	1.08	8.99	51.2	12.9	9	8.16	713
N829504		0.33	0.783	10.00	6.82	1810	160	1.58	6.18	1.93	45.2	46.0	17.0	22	17.50	108.5
N829505		8.90	0.180	2.58	7.89	615	350	1.74	4.16	1.56	3.35	60.1	11.2	9	9.23	206
N829506		6.21	0.017	1.24	7.59	67.4	2380	1.66	1.47	2.16	0.93	54.5	7.9	9	8.54	158.0
N829507		6.01	0.167	2.39	7.52	798	940	1.73	2.18	2.04	11.40	58.4	11.7	9	11.60	95.7
N829508		8.34	0.089	1.09	7.80	441	2450	1.78	1.56	1.89	1.32	55.5	11.7	11	5.89	123.0
N829509		4.46	0.017	0.57	7.65	61.3	2520	1.76	1.20	1.26	1.51	48.0	9.0	8	8.32	27.7
N829510		5.04	2.93	15.00	6.77	>10000	180	1.61	47.8	1.11	1.08	47.5	28.6	9	5.66	780
N829511		7.30	0.093	3.99	7.66	436	1610	1.80	2.76	1.81	12.55	56.3	9.7	10	7.77	142.5
N829512		13.27	0.038	1.87	7.78	62.0	2550	1.87	3.07	2.34	1.25	56.0	9.1	9	7.86	88.0
N829513		4.39	0.084	3.30	7.62	177.0	540	1.66	3.25	1.92	8.74	55.6	4.2	9	7.46	171.5
N829514		13.25	0.019	1.64	7.71	44.9	2830	1.74	6.63	2.42	3.10	51.3	6.7	9	7.63	147.0
N829515		10.95	0.057	2.28	7.24	112.5	560	1.54	8.26	2.13	0.69	49.5	14.5	8	5.93	265
N829516		5.61	0.103	4.28	7.39	240	310	1.59	6.65	1.67	2.93	53.0	9.9	9	11.65	186.5
N829517		6.86	0.026	1.61	7.21	68.9	2190	1.76	6.30	2.26	0.51	47.7	18.2	9	13.45	108.5
N829518		14.88	0.030	0.96	7.35	40.8	2540	1.55	2.19	2.06	0.50	46.7	8.3	9	7.39	114.5
N829519		5.17	0.026	0.84	7.55	33.3	2820	1.76	1.60	1.95	0.31	48.8	6.9	10	8.00	174.0
N829520		<0.02	0.021	0.70	7.43	32.9	2730	1.77	1.81	1.90	0.28	47.0	7.1	10	7.39	167.0
N829521		4.22	0.040	3.05	7.38	40.7	1790	1.85	5.81	1.71	0.62	54.7	7.9	9	9.25	90.8



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829487		3.73	15.45	0.13	1.5	0.183	3.11	28.2	11.0	0.78	2800	13.95	0.04	7.2	3.0	570
N829488		0.51	0.42	0.21	<0.1	0.009	0.04	1.1	1.2	12.55	239	0.20	0.01	0.4	3.6	180
N829489		5.01	14.70	0.13	1.1	0.392	2.87	21.8	10.7	1.24	3920	9.27	0.03	5.5	2.2	470
N829490		4.24	14.75	0.15	1.1	0.234	3.05	28.8	14.5	0.90	1810	2.64	0.05	5.7	2.0	520
N829491		4.78	16.20	0.14	1.2	0.284	3.30	28.8	13.1	1.00	1570	2.19	0.04	5.5	2.4	570
N829492		7.95	13.15	0.21	1.0	4.70	2.23	16.4	32.9	0.62	2970	15.70	0.08	5.6	14.1	440
N829493		6.44	15.60	0.19	1.2	0.405	3.15	23.5	8.6	0.82	2390	2.94	0.04	5.4	3.5	580
N829494		5.26	15.30	0.17	1.2	0.965	2.97	20.1	9.4	0.63	2400	2.12	0.03	5.5	2.8	500
N829495		3.51	15.75	0.10	1.8	0.236	2.74	30.4	18.2	0.68	1280	4.11	0.33	7.2	2.5	530
N829496		4.13	16.85	0.13	1.5	0.307	3.41	26.4	18.4	0.79	1300	2.98	0.58	7.1	2.6	630
N829497		7.80	12.25	0.21	1.1	1.160	2.52	19.8	14.1	0.70	1040	4.21	0.04	4.9	2.4	390
N829498		0.53	0.63	0.08	<0.1	0.007	0.10	0.6	2.0	12.20	218	0.11	0.01	0.8	2.2	170
N829499		4.19	15.45	0.16	1.4	0.333	3.09	31.8	12.5	0.87	1720	2.79	0.04	6.2	2.4	490
N829500		3.81	15.40	0.17	1.6	0.228	3.53	24.4	11.1	0.84	1240	1.92	0.29	6.4	2.1	520
N829501		4.25	15.70	0.20	1.8	0.351	3.30	27.2	14.4	0.77	1180	1.97	1.16	6.6	2.6	540
N829502		5.42	16.05	0.20	1.7	0.646	3.40	30.9	8.5	0.82	1390	2.43	0.07	6.3	2.5	540
N829503		7.24	16.00	0.24	1.5	0.616	3.09	25.5	9.2	0.70	1040	2.41	0.49	6.2	2.8	540
N829504		5.42	15.50	0.21	1.4	1.005	2.89	23.4	26.3	0.71	2020	13.15	0.27	7.7	15.8	500
N829505		5.99	18.85	0.24	1.3	0.391	3.21	31.9	15.6	0.87	1360	5.35	0.34	7.7	3.4	660
N829506		4.17	17.30	0.20	1.5	0.298	2.90	29.2	20.2	0.80	1160	2.49	1.07	6.2	2.9	620
N829507		4.82	17.10	0.22	1.3	0.353	3.27	30.7	23.8	0.87	2570	4.28	0.05	6.4	3.2	610
N829508		3.85	17.75	0.21	1.5	0.190	2.81	27.6	19.3	0.77	1120	2.90	1.21	6.3	3.8	640
N829509		3.46	17.80	0.19	1.5	0.166	2.44	22.9	25.2	0.57	1140	6.02	0.67	7.2	3.4	630
N829510		8.23	15.10	0.24	1.3	0.466	3.00	24.3	9.9	0.76	845	6.03	0.05	5.7	3.9	520
N829511		4.68	17.50	0.21	1.5	0.749	3.30	29.5	11.9	0.97	1640	9.96	0.66	6.7	2.9	600
N829512		3.93	17.05	0.21	1.5	0.312	2.83	29.0	15.1	0.93	1100	4.29	1.62	7.5	3.0	640
N829513		4.57	16.75	0.20	1.4	0.428	3.35	29.5	11.6	0.88	1560	6.03	0.17	7.2	2.9	600
N829514		3.91	16.90	0.20	1.4	0.453	2.80	25.4	14.7	0.92	972	6.38	1.68	7.4	2.9	640
N829515		4.78	16.20	0.20	1.4	0.428	3.00	26.2	15.5	1.04	1020	14.45	0.97	5.3	3.6	590
N829516		5.75	16.90	0.23	1.3	0.766	2.89	28.2	13.0	0.86	1870	6.31	1.02	5.7	2.5	590
N829517		4.16	16.80	0.20	1.3	0.461	2.60	24.2	18.0	0.90	1220	4.68	0.89	6.1	4.2	590
N829518		3.56	16.00	0.19	1.3	0.359	2.51	25.2	20.0	0.82	856	3.17	1.96	7.0	4.0	600
N829519		3.65	17.50	0.20	1.3	0.480	2.59	24.8	19.1	0.77	883	1.92	1.91	7.6	3.5	610
N829520		3.69	16.85	0.19	1.3	0.421	2.52	25.0	18.4	0.75	871	1.90	1.86	6.7	3.5	600
N829521		3.91	17.20	0.20	1.4	0.484	2.56	29.4	13.7	0.73	1240	1.40	1.44	6.6	2.4	600



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**CERTIFICATE OF ANALYSIS WH12140553**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829487		701	173.0	0.008	2.29	17.90	9.3	1	3.1	133.5	0.63	0.20	14.8	0.229	3.10	4.6
N829488		3.1	2.0	<0.002	0.01	0.13	0.5	<1	<0.2	48.6	<0.05	<0.05	0.2	<0.005	0.02	0.8
N829489		1710	175.5	0.004	3.98	35.7	8.8	1	7.5	56.1	0.47	0.21	10.7	0.190	2.77	5.1
N829490		1685	182.5	0.003	2.17	12.75	9.8	1	3.4	94.1	0.50	0.41	12.3	0.191	2.78	3.6
N829491		793	178.0	0.003	2.14	13.25	10.7	2	4.6	92.3	0.44	0.65	12.0	0.202	2.81	3.6
N829492		9440	129.5	<0.002	7.08	215	7.4	3	8.2	125.0	0.40	0.39	7.8	0.180	2.08	4.9
N829493		1125	177.0	0.005	4.44	16.65	10.7	3	7.8	45.0	0.41	1.11	10.0	0.203	2.56	4.5
N829494		>10000	187.5	0.003	5.13	316	10.0	3	11.5	39.3	0.45	0.57	9.5	0.201	2.58	2.9
N829495		70.3	153.5	0.005	0.62	9.99	10.5	1	1.8	86.0	0.67	0.52	18.2	0.216	2.33	4.5
N829496		40.7	185.0	0.006	0.92	9.30	12.5	1	2.8	175.5	0.54	0.25	12.7	0.252	2.31	4.7
N829497		4230	158.5	0.003	8.35	59.4	7.6	3	10.2	32.5	0.42	0.90	9.7	0.167	2.17	4.0
N829498		7.7	9.0	<0.002	0.07	0.18	0.3	1	0.2	41.9	0.06	<0.05	<0.2	<0.005	0.06	0.5
N829499		425	209	0.002	2.87	16.15	9.4	1	4.2	68.0	0.53	0.21	13.2	0.194	2.94	5.2
N829500		86.4	173.0	<0.002	1.69	9.1	9.1	2	4.2	129.5	0.58	0.23	13.8	0.191	2.51	4.8
N829501		36.1	122.5	0.003	1.01	5.46	9.7	2	2.6	173.0	0.64	0.15	15.9	0.200	1.95	5.7
N829502		175.0	176.0	0.004	2.02	14.10	10.2	1	6.4	63.6	0.61	0.32	15.8	0.200	2.40	4.2
N829503		158.5	159.5	0.002	4.50	11.30	10.6	2	7.0	70.2	0.56	0.66	14.1	0.203	2.07	4.3
N829504		1355	158.5	0.002	3.22	35.1	8.8	2	6.1	158.5	0.61	0.28	11.6	0.213	2.53	5.2
N829505		86.5	185.0	0.005	3.07	9.50	13.0	2	7.1	98.7	0.49	0.66	12.4	0.253	2.01	4.5
N829506		40.3	144.0	<0.002	0.80	5.99	11.7	2	2.9	167.5	0.50	0.16	13.7	0.216	1.95	6.3
N829507		360	181.5	0.003	1.70	8.63	11.1	2	6.7	78.9	0.50	0.31	12.3	0.232	2.60	3.3
N829508		60.4	121.5	0.003	0.76	6.53	12.1	2	4.6	173.5	0.55	0.16	14.6	0.238	1.82	4.6
N829509		59.2	108.5	0.003	0.39	6.45	11.8	2	4.1	111.5	0.56	0.09	13.0	0.241	1.57	4.2
N829510		330	181.0	0.004	6.15	15.00	10.3	2	8.4	42.7	0.49	0.91	12.1	0.186	2.16	3.7
N829511		141.5	162.5	0.007	1.50	8.40	11.7	1	5.0	115.5	0.57	0.23	14.5	0.225	2.36	4.8
N829512		60.4	119.5	0.003	0.87	4.48	12.4	2	3.3	240	0.60	0.45	13.5	0.247	1.75	4.6
N829513		364	178.5	0.003	2.16	5.38	11.3	1	7.6	94.9	0.59	0.12	13.4	0.233	2.44	3.9
N829514		86.2	109.5	0.003	1.00	4.83	11.4	2	3.3	255	0.59	0.32	12.9	0.232	1.69	5.0
N829515		75.5	112.0	0.006	1.74	5.19	10.9	2	3.5	168.0	0.47	0.67	12.9	0.193	1.89	5.8
N829516		107.5	157.5	0.002	2.61	8.31	10.9	2	4.2	129.0	0.42	0.52	12.2	0.192	2.15	5.0
N829517		40.6	107.0	0.002	0.80	11.10	11.0	2	3.4	137.5	0.48	0.18	12.5	0.204	1.94	4.6
N829518		48.5	96.3	0.004	0.50	5.59	11.4	2	3.0	209	0.57	0.09	13.0	0.243	1.42	4.9
N829519		25.6	99.7	0.002	0.39	6.92	11.4	2	3.5	210	0.58	0.09	11.8	0.238	1.49	3.8
N829520		27.6	94.9	0.002	0.40	6.33	11.4	2	3.1	205	0.57	0.10	13.3	0.236	1.59	4.2
N829521		43.0	132.5	<0.002	1.10	5.96	11.3	2	4.1	144.5	0.54	0.78	14.1	0.214	1.94	4.5



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**CERTIFICATE OF ANALYSIS WH12140553**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N829487		62	4.9	13.1	1190	45.9			
N829488		3	0.1	1.4	20	0.5			
N829489		58	5.3	9.7	2920	31.9			
N829490		60	4.0	13.1	337	30.5			
N829491		66	3.5	12.4	1380	34.1			
N829492		51	4.3	9.6	>10000	33.7	119		1.640
N829493		68	4.1	10.3	4520	34.0			
N829494		62	4.5	9.7	9060	36.3	261	5.19	
N829495		65	2.5	15.1	151	45.0			
N829496		75	2.8	16.0	169	39.2			
N829497		50	4.9	7.8	6100	29.4			
N829498		2	0.1	0.8	33	<0.5			
N829499		60	3.3	11.0	659	41.0			
N829500		61	2.5	12.2	208	44.0			
N829501		62	2.3	13.0	120	47.3			
N829502		64	3.2	10.5	446	43.7			
N829503		68	3.6	10.5	691	41.2			
N829504		59	5.4	12.2	3090	41.4			
N829505		86	2.9	14.8	375	46.5			
N829506		78	2.0	14.9	177	43.4			
N829507		77	3.5	13.6	1070	38.1			
N829508		80	2.7	14.1	201	40.5			
N829509		80	2.8	15.3	223	45.5			
N829510		69	3.5	9.6	120	39.3			
N829511		75	3.0	13.1	911	44.0			
N829512		79	2.1	16.2	154	43.3			
N829513		75	4.0	12.2	619	42.5			
N829514		76	2.3	15.1	360	42.8			
N829515		71	2.2	12.5	111	38.3			
N829516		69	2.8	12.5	284	39.5			
N829517		73	2.4	13.8	100	39.2			
N829518		73	1.7	15.9	92	36.9			
N829519		76	2.0	15.3	87	41.9			
N829520		75	2.0	14.1	85	36.1			
N829521		69	2.5	12.9	86	39.5			



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**CERTIFICATE OF ANALYSIS WH12140553**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12140554**

Project: Klaza-66

P.O. No.: Batch 3

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12140554**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829522		5.04	0.035	0.49	7.56	33.7	2140	1.68	5.07	2.23	0.33	53.7	7.0	12	9.37	140.5
N829523		5.08	0.499	9.47	6.93	1815	60	1.42	19.65	0.78	1.47	53.7	11.6	11	6.65	184.0
N829524		1.86	<0.005	0.02	0.08	<5	20	0.06	0.05	21.2	0.07	1.40	1.2	1	0.19	1.9
N829525		6.83	0.051	0.77	7.13	60.9	1850	1.49	3.39	1.97	0.78	50.6	10.7	11	9.72	94.3
N829526		8.86	0.031	0.53	7.51	40.4	2700	1.65	3.58	2.44	0.34	49.5	5.7	12	11.60	88.3
N829527		0.32	4.44	>100	5.32	8110	710	1.19	58.4	1.90	218	35.1	8.2	17	10.50	1210
N829528		8.20	0.091	1.49	7.14	143.5	680	1.68	2.89	1.58	2.86	53.3	16.3	11	9.49	32.6
N829529		7.71	0.137	1.05	6.99	91.6	1690	1.58	3.22	2.17	2.43	52.7	10.3	11	12.15	54.6
N829530		6.10	0.308	4.12	6.82	807	330	1.48	15.00	1.79	6.27	54.1	11.5	11	11.85	56.0
N829531		14.31	0.037	1.39	6.75	64.8	1620	1.57	4.15	1.97	0.78	47.8	12.1	11	10.70	84.1
N829532		12.81	0.166	5.98	6.74	799	890	1.48	4.78	2.23	19.25	44.0	13.1	11	12.35	110.5
N829533		6.56	0.234	1.54	7.10	151.0	190	1.44	5.14	1.49	1.37	52.2	12.9	12	9.67	175.5
N829534		2.05	<0.005	0.03	0.14	<5	20	0.07	0.04	20.2	0.10	1.96	1.3	2	0.51	2.1
N829535		12.18	0.073	1.59	6.95	104.5	830	1.48	4.89	2.09	0.84	48.4	7.9	11	7.01	411
N829536		2.76	0.018	0.55	7.59	88.5	2210	1.52	1.27	1.15	1.41	51.8	12.2	9	8.93	22.4
N829537		6.82	0.029	0.60	6.99	31.9	2750	1.66	3.91	2.06	0.34	47.0	9.8	10	5.97	72.3
N829538		6.81	0.018	0.52	6.80	27.1	2710	1.29	3.67	2.02	0.27	51.9	11.1	10	6.82	36.9
N829539		13.51	0.017	1.09	6.97	58.1	2310	1.40	3.36	2.28	0.46	50.5	15.1	10	8.49	83.7
N829540		11.26	0.109	2.25	7.01	251	1220	1.35	2.79	1.66	0.80	48.0	10.6	10	6.70	416
N829541		5.24	0.031	1.93	7.26	40.3	2770	1.27	1.35	1.96	0.44	51.8	9.1	9	10.70	273
N829542		4.12	0.023	1.71	7.15	35.3	2620	1.28	1.04	1.84	0.52	47.6	6.6	9	10.70	241
N829543		5.24	0.010	0.67	7.39	57.8	4480	1.40	1.40	1.66	0.40	54.4	8.5	9	14.10	69.4
N829544		7.47	0.010	0.50	7.01	44.4	2910	1.36	2.09	1.68	0.33	50.0	10.9	11	11.20	48.9
N829545		7.93	0.025	1.06	6.99	108.0	2520	1.30	11.20	1.99	0.30	46.9	8.2	11	7.43	92.1
N829546		12.80	0.033	1.01	6.79	41.3	2600	1.42	8.66	2.00	0.37	48.2	7.4	10	8.60	124.5
N829547		4.29	0.021	0.42	6.91	41.1	2230	1.31	1.63	1.80	0.09	49.1	12.7	11	11.30	58.5
N829548		6.75	0.016	1.06	7.31	51.1	2740	1.29	2.48	1.55	0.38	55.8	6.9	10	11.10	137.0
N829549		0.31	1.865	27.1	6.01	3560	520	1.16	18.45	2.22	78.9	49.1	10.6	19	16.60	434
N829550		8.01	0.071	1.11	7.01	58.0	2730	1.51	4.41	1.86	0.36	49.3	12.9	9	12.00	94.9
N829551		5.19	2.25	15.85	6.29	737	80	1.19	26.0	1.40	6.26	46.8	7.3	10	12.00	146.5
N829552		8.96	0.045	2.16	7.18	69.0	1790	1.55	4.86	2.15	1.89	55.3	7.1	10	15.75	90.4
N829553		8.76	0.038	1.10	7.23	51.7	2210	1.45	2.59	2.08	1.68	51.9	9.0	9	14.95	72.9
N829554		8.11	0.017	0.33	7.46	34.2	2700	1.31	1.69	1.31	0.10	53.6	9.2	10	14.30	77.3
N829555		<0.02	0.017	0.32	7.42	34.8	2700	1.28	1.65	1.30	0.12	55.3	9.3	10	14.50	83.4
N829556		10.81	0.029	1.28	7.53	48.4	2680	1.27	3.49	1.17	0.80	50.9	7.7	10	18.35	149.0
N829557		4.57	0.033	0.88	6.81	71.4	630	1.36	2.28	2.28	1.53	51.5	9.3	9	10.80	47.9
N829558		14.09	0.013	0.50	7.22	23.5	2530	1.31	1.71	1.99	0.25	47.6	4.8	11	11.90	99.6





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**CERTIFICATE OF ANALYSIS WH12140554**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829522		3.27	17.80	0.09	1.2	0.357	2.55	27.2	14.2	0.91	724	5.67	1.42	6.9	3.4	620
N829523		7.00	18.25	0.16	1.0	0.331	3.22	27.8	5.6	0.56	931	5.45	0.07	5.7	3.0	550
N829524		0.47	0.27	<0.05	<0.1	0.005	0.03	0.7	1.1	12.65	204	0.11	0.01	0.3	1.9	180
N829525		3.44	16.90	0.06	1.0	0.610	2.97	26.4	10.7	0.91	863	22.6	0.73	6.0	2.6	610
N829526		3.33	17.35	0.07	1.1	0.320	2.65	24.1	13.4	0.96	747	4.23	1.48	6.0	3.0	640
N829527		7.85	12.70	0.09	1.0	4.40	2.19	18.4	35.0	0.61	2930	14.80	0.09	5.3	14.5	430
N829528		4.30	16.15	0.12	1.0	0.419	3.09	29.2	8.8	0.74	1020	3.60	0.34	7.2	3.3	590
N829529		3.31	15.55	0.11	1.1	0.384	3.00	29.2	9.3	0.90	1400	7.96	0.07	6.9	2.6	580
N829530		4.44	15.40	0.12	1.1	0.766	3.18	29.2	6.6	0.77	1520	7.02	0.05	7.1	2.9	530
N829531		3.50	15.80	0.12	1.3	0.433	2.71	25.4	9.8	0.72	909	5.98	0.93	7.5	3.3	550
N829532		3.81	14.45	0.11	1.1	0.931	2.45	23.3	8.0	0.82	781	5.72	1.00	7.0	2.9	570
N829533		5.45	16.15	0.14	1.1	0.269	2.64	28.1	15.0	0.78	761	4.98	0.51	6.9	2.9	570
N829534		0.47	0.42	<0.05	<0.1	0.009	0.05	1.0	1.1	12.00	202	0.15	0.02	0.5	3.6	190
N829535		3.38	16.10	0.10	1.2	0.330	2.36	25.3	11.0	0.89	594	5.57	1.71	7.4	2.9	610
N829536		3.60	17.55	0.11	1.5	0.165	2.39	27.5	24.5	0.54	1110	7.33	0.41	7.8	3.7	630
N829537		2.77	15.60	0.10	1.3	0.197	2.51	25.2	14.4	0.78	620	2.24	2.15	6.9	2.0	550
N829538		2.94	14.35	0.11	1.1	0.217	2.67	28.6	10.0	0.78	598	3.09	1.87	7.2	2.3	530
N829539		3.08	14.95	0.11	1.2	0.168	2.91	27.1	11.5	0.84	539	4.16	1.72	8.1	2.8	570
N829540		3.93	15.40	0.12	1.0	0.255	2.86	25.7	17.2	0.88	623	2.96	1.06	7.9	2.9	580
N829541		3.09	15.80	0.11	1.1	0.322	2.64	28.1	17.8	0.85	521	3.10	1.73	8.7	3.4	580
N829542		2.96	15.50	0.11	1.0	0.299	2.63	25.3	18.7	0.86	545	3.89	1.56	8.4	2.4	570
N829543		2.94	17.20	0.12	1.2	0.203	2.79	29.3	23.7	0.61	697	8.82	0.41	8.7	2.4	580
N829544		2.98	15.15	0.13	1.3	0.157	2.68	26.5	13.2	0.64	591	3.33	1.79	8.6	2.5	570
N829545		3.37	14.50	0.10	1.1	0.288	2.65	25.2	15.1	0.75	570	2.62	1.86	8.2	2.8	560
N829546		3.13	15.30	0.12	0.9	0.351	2.30	25.6	14.5	0.80	557	1.44	1.82	7.8	2.5	560
N829547		3.32	16.05	0.12	0.9	0.248	2.50	26.5	18.0	0.82	588	1.61	0.89	7.4	3.5	570
N829548		3.63	15.70	0.12	1.0	0.337	2.30	30.6	17.3	0.78	704	1.02	1.63	7.9	2.7	590
N829549		6.81	13.95	0.15	1.0	1.850	2.59	27.5	21.9	0.91	1880	14.15	0.04	6.8	16.0	440
N829550		3.20	15.45	0.11	1.0	0.343	2.95	25.9	11.8	0.78	745	6.17	0.99	7.4	2.5	560
N829551		8.13	15.30	0.17	0.9	0.620	2.86	24.7	8.1	0.71	1120	6.26	0.05	6.2	2.6	470
N829552		3.71	15.60	0.13	1.0	0.443	3.12	29.9	9.5	0.92	1680	2.18	0.26	7.8	2.6	590
N829553		2.89	15.85	0.12	1.0	0.350	2.79	28.0	11.2	0.88	1460	2.93	0.86	8.1	2.6	570
N829554		2.90	15.85	0.12	1.0	0.380	2.59	29.7	50.9	0.79	398	1.80	1.54	8.1	2.9	580
N829555		2.88	16.00	0.12	1.0	0.381	2.59	30.4	51.2	0.79	396	1.93	1.55	8.3	3.1	580
N829556		3.12	16.60	0.12	0.9	0.445	2.82	27.4	55.2	0.65	373	3.18	0.70	8.4	3.5	620
N829557		4.01	14.90	0.13	0.9	0.315	3.03	27.6	12.5	0.85	1110	1.24	0.22	6.9	2.6	530
N829558		2.94	15.55	0.11	1.0	0.365	2.84	25.3	17.6	0.75	626	2.04	1.12	8.3	2.6	570



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**CERTIFICATE OF ANALYSIS WH12140554**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N829522		19.5	122.0	0.005	0.58	4.56	11.5	1	4.3	175.5	0.53	0.15	12.8	0.227	4.6
N829523		111.5	159.0	0.007	6.30	10.85	10.2	3	9.9	31.2	0.42	2.10	11.5	0.200	4.0
N829524		1.7	1.4	<0.002	0.03	0.06	0.3	1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	0.6
N829525		30.4	141.5	0.009	1.08	5.01	10.5	1	4.9	148.5	0.47	0.41	11.4	0.213	4.0
N829526		26.9	95.2	0.002	0.70	4.33	11.4	1	3.2	235	0.52	0.41	14.1	0.240	4.6
N829527		9340	125.0	<0.002	7.06	211	7.1	3	8.4	122.5	0.41	0.46	8.6	0.175	5.2
N829528		71.0	186.0	0.002	2.18	5.04	11.6	1	6.6	86.9	0.55	0.43	13.4	0.212	4.7
N829529		64.7	146.5	0.002	1.08	6.97	10.6	1	5.2	83.3	0.54	0.47	13.5	0.199	4.7
N829530		316	198.5	0.003	2.94	11.10	10.3	1	6.1	60.5	0.58	7.20	13.8	0.205	5.0
N829531		46.2	129.5	0.002	1.42	12.10	10.2	1	3.9	171.5	0.64	0.70	12.4	0.212	4.4
N829532		269	119.5	0.002	1.96	78.4	10.2	1	5.8	146.5	0.56	0.89	11.1	0.207	4.3
N829533		48.7	144.5	<0.002	3.37	34.1	11.0	2	8.3	97.7	0.55	1.19	13.3	0.204	4.7
N829534		2.1	3.7	<0.002	0.02	0.31	0.4	1	<0.2	43.9	<0.05	<0.05	0.2	0.007	0.6
N829535		36.2	94.9	<0.002	1.73	8.61	10.8	2	4.9	243	0.62	1.14	12.9	0.220	4.6
N829536		55.4	115.5	0.005	0.45	6.86	11.7	1	3.9	86.1	0.67	0.10	13.5	0.246	5.3
N829537		21.8	75.5	<0.002	0.93	3.51	9.3	1	3.6	283	0.59	1.87	12.7	0.205	4.4
N829538		25.4	86.8	<0.002	1.03	3.11	9.3	1	3.3	260	0.58	1.66	14.1	0.203	4.1
N829539		26.8	98.7	<0.002	1.17	5.91	10.1	1	3.7	232	0.75	1.54	13.0	0.216	7.3
N829540		37.8	115.5	0.002	1.61	12.25	10.0	1	5.8	163.0	0.66	0.39	11.5	0.227	5.0
N829541		29.5	93.2	<0.002	0.79	5.11	10.0	1	3.6	242	0.71	0.24	13.6	0.239	4.0
N829542		27.6	89.6	<0.002	0.57	4.91	9.4	1	3.4	223	0.70	0.14	12.1	0.236	4.5
N829543		29.2	96.4	<0.002	0.65	13.80	10.1	1	3.2	123.0	0.71	0.18	13.3	0.249	6.7
N829544		23.2	90.3	<0.002	0.93	4.97	9.5	1	3.3	221	0.82	0.77	13.4	0.228	5.1
N829545		27.7	84.3	<0.002	1.15	4.64	9.0	1	3.2	275	0.72	2.27	11.4	0.225	5.0
N829546		23.8	85.8	<0.002	0.96	5.14	9.5	1	3.0	285	0.64	0.73	11.9	0.216	4.5
N829547		11.5	111.5	<0.002	1.09	4.35	9.7	1	4.9	133.5	0.63	0.50	13.6	0.211	4.8
N829548		24.3	100.0	<0.002	0.79	5.16	9.7	1	3.2	179.0	0.67	0.27	14.2	0.224	4.0
N829549		2780	163.5	0.002	4.79	90.7	8.0	1	8.2	90.1	0.54	0.36	11.1	0.177	5.7
N829550		41.3	142.0	0.002	1.08	6.24	9.7	1	4.3	174.5	0.66	0.57	12.2	0.209	4.8
N829551		709	186.5	<0.002	7.73	26.0	8.5	1	11.7	46.6	0.59	0.97	12.2	0.165	4.7
N829552		88.7	158.0	<0.002	1.38	8.83	10.3	1	4.2	94.0	0.67	0.81	13.4	0.212	4.3
N829553		130.0	128.0	<0.002	1.11	5.53	9.7	1	3.0	153.5	0.73	0.70	14.0	0.226	4.5
N829554		17.7	114.5	<0.002	0.82	3.51	10.0	1	2.8	228	0.71	0.27	14.3	0.231	4.4
N829555		16.9	116.0	<0.002	0.81	3.50	10.0	1	2.9	228	0.74	0.25	14.7	0.233	4.4
N829556		43.1	136.5	<0.002	0.87	21.1	10.2	1	3.4	167.5	0.68	0.90	12.1	0.245	4.6
N829557		45.2	167.5	<0.002	2.14	6.11	8.9	1	4.6	124.0	0.60	0.72	11.7	0.199	3.5
N829558		20.8	127.0	<0.002	0.65	6.27	9.7	1	3.1	223	0.76	0.34	13.5	0.228	4.5



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**CERTIFICATE OF ANALYSIS WH12140554**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829522		76	1.8	12.6	71	38.8		
N829523		68	5.4	8.4	128	33.3		
N829524		2	0.1	0.7	19	<0.5		
N829525		72	2.3	11.2	98	30.1		
N829526		80	1.6	12.4	76	30.9		
N829527		52	4.3	8.8	>10000	32.5	122	1.665
N829528		70	3.2	12.0	237	30.6		
N829529		68	2.4	12.5	230	31.7		
N829530		65	3.3	11.4	430	32.7		
N829531		69	2.2	13.4	89	36.6		
N829532		70	2.1	12.6	910	31.4		
N829533		73	3.5	12.4	117	31.8		
N829534		3	0.2	1.0	19	0.8		
N829535		71	2.0	14.1	90	33.5		
N829536		82	3.2	15.6	243	42.1		
N829537		66	1.8	13.7	68	34.9		
N829538		65	1.7	14.6	66	31.1		
N829539		69	2.7	17.0	66	32.0		
N829540		68	3.5	13.0	96	26.2		
N829541		69	2.8	15.9	54	30.4		
N829542		69	2.9	14.8	57	27.7		
N829543		79	2.7	15.6	62	31.8		
N829544		69	3.5	15.8	58	32.7		
N829545		67	2.0	14.7	64	30.2		
N829546		67	1.8	15.0	64	25.1		
N829547		71	2.9	13.6	46	24.6		
N829548		71	2.0	15.0	75	25.8		
N829549		58	5.8	10.6	5450	27.2		
N829550		69	2.5	12.9	68	25.1		
N829551		57	4.2	10.4	480	22.0		
N829552		68	2.8	13.2	186	25.3		
N829553		68	3.0	14.3	162	26.0		
N829554		71	3.9	15.9	51	25.0		
N829555		70	4.1	16.4	50	26.0		
N829556		73	9.9	14.8	106	24.2		
N829557		62	3.3	12.5	148	22.1		
N829558		69	2.5	14.5	58	25.3		



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

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Finalized Date: 9-JUL-2012  
Account: ROCKHA

**CERTIFICATE WH12140555**

Project: Klaza-66

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 9-JUL-2012  
Account: ROCKHA

Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12140555**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829451		2.82	0.158	1.78	7.90	281	870	2.17	1.33	0.44	32.8	50.7	7.2	10	20.1	54.4
N829452		6.88	0.453	3.32	6.94	333	1060	1.80	1.84	0.12	18.90	51.5	2.9	10	19.00	101.0
N829453		11.42	0.077	0.75	7.88	87.9	1910	1.93	0.89	0.44	61.7	51.7	9.3	10	11.65	70.3
N829454		11.69	0.131	0.99	7.46	72.0	1540	1.76	1.96	0.92	11.35	51.1	6.8	10	11.00	44.5
N829455		0.31	2.04	24.3	5.90	3330	200	1.69	18.15	2.15	82.0	43.3	11.3	19	15.15	428
N829456		5.23	1.050	6.06	6.49	309	910	1.55	4.14	0.97	28.0	43.0	5.5	9	22.7	66.2
N829457		2.05	<0.005	0.03	0.09	<5	50	0.08	0.04	21.6	0.27	1.53	1.5	2	0.22	5.5
N829458		5.71	0.016	0.36	7.55	24.7	2010	1.37	0.48	4.35	1.78	40.3	8.2	10	15.20	33.0
N829459		11.32	0.037	0.63	8.18	35.8	2210	1.43	1.25	2.52	0.91	50.3	9.2	13	12.20	54.0
N829460		4.10	0.063	11.10	7.33	70.0	1200	1.30	38.5	5.07	1.46	62.4	5.8	8	13.30	49.0
N829461		9.33	0.026	0.28	7.86	19.7	2330	1.41	1.04	2.95	0.31	45.5	9.2	11	15.40	21.9
N829462		9.33	0.058	0.40	8.10	37.7	2330	1.33	1.92	2.12	0.30	57.3	11.8	11	11.05	53.9
N829463		3.77	0.118	2.77	7.25	107.5	990	1.51	6.67	2.55	1.01	45.6	11.6	10	15.95	49.2
N829464		10.30	0.018	0.23	7.82	18.1	2330	1.42	0.66	2.45	0.24	52.4	7.4	11	10.50	19.3
N829465		2.13	<0.005	0.01	0.11	<5	30	0.08	0.02	21.0	0.07	1.62	1.5	1	0.23	1.9
N829466		7.69	0.009	0.40	8.19	30.6	2760	1.42	0.67	2.32	0.21	68.4	7.9	11	12.60	40.0
N829467		3.75	0.011	0.51	8.13	26.5	3030	1.30	1.46	1.86	0.37	47.0	7.3	10	13.50	73.0
N829468		7.40	0.014	0.31	8.10	23.0	2520	1.27	0.77	1.13	1.11	51.2	7.0	9	11.50	19.8
N829469		3.01	0.009	0.29	8.45	17.5	2240	1.34	0.60	0.93	0.68	44.0	6.3	10	11.20	22.7
N829470		8.21	0.012	0.33	8.21	23.4	2840	1.44	0.90	2.19	0.36	54.5	9.8	11	11.40	34.8
N829471		9.64	0.024	0.30	7.88	20.6	2360	1.43	1.08	2.21	0.19	43.6	6.5	11	9.21	51.1
N829472		0.31	2.12	26.0	6.36	3740	390	1.30	21.1	2.28	83.5	50.2	10.7	20	15.55	463
N829473		9.17	0.019	0.42	7.40	15.7	1960	1.43	1.74	2.69	1.03	42.0	6.7	12	10.15	33.5
N829474		4.82	0.097	0.85	7.62	46.3	2650	1.24	5.32	2.62	1.05	79.7	14.0	9	13.05	86.6
N829475		5.72	0.092	0.66	7.61	73.1	2790	1.38	2.16	2.62	2.32	185.5	11.7	11	14.95	168.0
N829476		4.08	0.027	0.30	7.77	28.0	2250	1.30	0.97	2.98	0.75	43.9	9.3	9	18.70	32.4
N829477		4.67	0.091	1.13	7.35	70.1	630	1.38	3.57	2.46	1.72	66.0	72.6	9	11.15	42.3
N829478		7.61	0.029	0.34	7.71	43.8	2200	1.60	2.25	1.81	1.91	24.3	15.7	11	11.90	49.6
N829479		8.30	0.042	0.96	7.40	53.8	2130	1.16	2.00	1.08	2.57	19.30	20.1	12	8.34	44.6
N829480		4.60	0.845	16.20	7.04	186.0	190	1.14	4.83	0.90	33.7	24.9	3.8	13	7.24	147.5
N829481		4.87	0.017	0.61	7.43	30.2	1940	1.24	1.50	1.30	1.74	17.40	3.8	11	8.04	11.6
N829482		4.02	0.019	0.44	7.92	16.5	2490	1.40	1.41	2.06	0.55	14.35	4.1	10	6.58	7.5
N829483		<0.02	0.019	0.44	7.88	15.6	2790	1.38	1.40	2.17	0.56	11.50	3.9	12	6.35	9.4
N829484		4.12	0.016	0.36	6.60	22.0	2110	1.32	1.95	2.55	0.54	6.81	21.3	11	9.31	14.6
N829485		5.31	0.506	10.50	7.31	587	280	1.41	6.30	1.91	61.4	15.75	5.2	12	8.85	299
N829486		10.55	0.036	0.46	7.14	58.9	1540	1.82	0.18	3.33	0.29	55.4	6.8	16	17.20	16.0



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Plus Appendix Pages  
Finalized Date: 9-JUL-2012  
Account: ROCKHA

Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12140555**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829451		3.07	18.60	0.16	1.2	0.193	3.03	25.8	24.0	0.26	2690	6.53	0.05	7.5	3.7	550
N829452		5.66	16.45	0.20	1.1	1.850	2.91	27.1	19.8	0.25	819	2.40	0.04	6.2	2.6	580
N829453		3.61	19.40	0.22	1.2	0.403	3.04	25.6	36.5	0.26	1540	2.52	0.11	7.9	3.5	600
N829454		3.55	17.90	0.20	1.1	0.335	2.55	25.2	29.7	0.35	926	2.10	0.52	7.8	3.0	530
N829455		6.58	15.75	0.25	0.9	1.800	2.55	23.1	29.0	0.88	1840	13.75	0.04	6.1	17.2	430
N829456		4.92	15.85	0.18	0.9	0.285	2.61	23.6	26.0	0.50	1020	5.39	0.05	6.6	2.9	430
N829457		0.50	0.33	0.06	<0.1	0.008	0.03	0.7	1.0	12.85	226	0.18	<0.01	0.3	2.7	160
N829458		3.11	17.15	0.12	1.4	0.071	2.79	16.9	36.7	0.51	1040	2.10	0.16	8.5	3.1	630
N829459		3.39	17.15	0.14	1.4	0.119	3.08	22.6	22.0	0.78	946	2.33	1.17	8.5	3.2	650
N829460		4.17	15.15	0.14	1.1	0.236	2.54	32.2	19.2	1.41	3740	2.13	0.74	7.2	2.4	480
N829461		3.46	16.90	0.14	1.3	0.106	2.91	20.0	16.7	0.71	909	1.71	1.40	8.5	2.9	660
N829462		3.54	17.10	0.17	1.3	0.136	3.15	26.2	20.1	0.66	700	2.76	0.98	8.7	3.3	680
N829463		3.72	16.05	0.16	1.2	0.292	3.27	20.0	22.5	0.65	1260	2.73	0.32	7.8	3.0	610
N829464		3.23	16.30	0.17	1.3	0.094	2.85	24.1	15.4	0.76	692	2.49	1.71	8.6	3.1	640
N829465		0.42	0.40	0.08	<0.1	0.005	0.05	0.7	1.3	12.50	191	0.10	0.01	0.4	2.7	240
N829466		3.19	17.95	0.17	1.3	0.087	3.13	31.9	14.9	0.85	637	1.83	1.95	8.6	3.4	670
N829467		2.84	17.55	0.16	1.2	0.126	3.50	20.5	18.8	0.57	693	1.84	0.93	8.6	3.3	680
N829468		3.07	17.50	0.16	1.4	0.112	3.02	22.8	40.5	0.35	729	1.52	0.11	8.7	2.5	660
N829469		2.99	17.60	0.17	1.5	0.091	3.00	19.3	44.2	0.31	702	1.47	0.09	9.1	2.4	690
N829470		3.36	17.20	0.20	1.3	0.117	3.45	24.3	18.0	0.74	659	1.23	1.37	8.7	3.1	680
N829471		3.27	16.20	0.17	1.2	0.090	3.06	19.9	12.2	0.86	622	9.72	2.05	8.3	2.8	630
N829472		7.05	14.60	0.18	0.9	1.860	2.79	24.2	23.3	0.94	2020	13.55	0.04	6.4	14.7	480
N829473		2.85	16.20	0.14	1.2	0.140	2.45	17.8	10.6	0.77	728	3.18	2.21	8.3	2.7	600
N829474		3.43	17.30	0.20	1.1	0.246	2.13	34.5	20.1	0.92	959	1.26	0.98	7.7	2.6	570
N829475		3.30	18.20	0.32	1.1	0.229	2.78	81.8	25.7	0.83	905	4.10	0.10	7.4	3.4	930
N829476		2.90	17.00	0.16	1.2	0.103	2.72	18.0	33.2	0.73	778	1.28	0.19	8.6	2.7	690
N829477		3.99	18.20	0.19	1.1	0.176	3.55	28.2	15.8	0.94	910	1.36	0.08	7.1	3.1	750
N829478		3.09	17.95	0.16	1.4	0.261	3.83	10.4	10.7	0.75	781	3.34	0.09	6.7	2.6	620
N829479		2.18	14.95	0.13	1.1	0.162	3.51	8.6	5.9	0.54	428	2.86	0.07	6.6	2.0	540
N829480		4.47	14.85	0.16	1.2	0.327	3.40	11.1	6.0	0.48	785	2.68	0.05	5.8	1.6	470
N829481		1.71	14.55	0.12	1.1	0.276	3.58	7.4	5.7	0.43	442	2.31	0.07	6.7	1.8	610
N829482		1.99	15.45	0.12	1.2	0.266	3.79	5.6	5.1	0.46	389	4.14	0.12	7.8	1.4	660
N829483		2.01	14.95	0.14	1.2	0.257	3.89	4.4	5.0	0.44	404	4.42	0.12	7.8	1.5	690
N829484		1.45	13.25	0.13	1.2	0.238	3.87	2.5	4.5	0.33	411	2.94	0.06	7.1	2.8	620
N829485		3.98	16.00	0.15	1.4	1.610	3.32	6.8	14.5	0.66	971	5.70	0.09	6.5	3.0	660
N829486		2.43	17.80	0.15	3.3	0.041	3.05	24.6	35.2	1.06	971	1.51	0.07	10.6	5.6	1000



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Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12140555**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829451		472	202	<0.002	0.15	22.1	11.7	1	3.3	32.1	0.63	0.32	14.3	0.241	2.91	3.2
N829452		839	179.0	0.002	0.26	18.55	11.2	1	4.6	50.4	0.58	0.26	18.6	0.225	3.68	5.1
N829453		137.0	159.5	<0.002	0.35	14.95	13.3	2	3.0	62.2	0.58	0.17	15.0	0.254	1.95	2.9
N829454		108.5	148.0	<0.002	0.78	11.30	12.4	2	4.6	88.3	0.57	0.39	16.4	0.240	1.62	2.1
N829455		2740	163.5	<0.002	4.78	90.5	8.4	2	7.9	98.2	0.42	0.35	10.1	0.177	2.22	5.4
N829456		897	168.0	<0.002	1.51	27.0	9.4	2	4.7	67.2	0.49	1.25	10.8	0.215	2.43	2.8
N829457		4.6	1.9	<0.002	0.01	0.14	0.3	1	<0.2	44.7	<0.05	<0.05	0.2	<0.005	0.02	0.5
N829458		32.8	96.2	<0.002	0.10	11.70	9.7	1	4.0	155.0	0.71	0.07	12.3	0.258	1.46	3.0
N829459		50.0	119.5	0.002	0.40	6.50	10.1	1	4.6	232	0.69	0.19	14.0	0.259	1.52	3.0
N829460		141.0	133.5	0.003	1.23	12.80	9.2	1	3.0	175.0	0.57	0.29	14.7	0.220	1.70	3.3
N829461		24.3	111.0	<0.002	0.49	6.48	10.0	1	2.4	274	0.67	0.16	12.4	0.262	1.47	3.2
N829462		27.3	142.5	0.003	0.75	7.09	11.0	1	3.5	214	0.67	0.51	14.5	0.261	1.75	3.3
N829463		138.0	143.0	<0.002	1.63	15.50	9.1	1	5.2	142.0	0.64	0.60	12.3	0.231	2.23	3.3
N829464		22.2	111.0	<0.002	0.32	4.80	10.0	1	2.2	312	0.67	0.08	14.3	0.253	1.31	3.2
N829465		1.5	2.1	<0.002	0.02	0.07	0.3	1	<0.2	43.0	<0.05	<0.05	0.2	<0.005	<0.02	0.5
N829466		19.1	126.5	0.002	0.20	5.85	10.5	1	1.9	345	0.65	0.09	14.1	0.260	1.51	3.3
N829467		18.0	130.0	<0.002	0.28	8.42	10.6	1	2.1	189.0	0.66	0.09	12.4	0.263	1.94	3.1
N829468		97.6	121.0	<0.002	0.34	16.25	10.3	1	2.5	85.0	0.71	0.14	15.0	0.256	1.49	3.9
N829469		35.8	113.5	<0.002	0.26	15.35	10.4	1	2.2	74.6	0.73	0.08	14.3	0.271	1.36	4.0
N829470		30.8	118.5	<0.002	0.32	6.31	9.8	1	2.0	269	0.70	0.08	13.7	0.260	1.59	3.5
N829471		18.4	107.5	0.003	0.38	3.12	9.4	1	2.2	345	0.65	0.20	13.4	0.249	1.27	3.3
N829472		2760	173.0	0.002	4.90	92.9	7.7	2	8.8	94.8	0.49	0.40	12.2	0.180	2.45	5.9
N829473		64.8	83.5	0.003	0.28	3.81	9.9	1	3.1	352	0.66	0.11	12.4	0.245	1.03	3.5
N829474		50.2	90.3	0.003	0.94	21.8	11.5	2	5.1	180.0	0.60	0.81	14.5	0.242	1.41	4.2
N829475		65.8	105.5	0.002	0.62	20.7	11.3	2	4.6	137.5	0.56	0.60	14.8	0.230	1.70	4.8
N829476		16.0	78.0	<0.002	0.44	7.98	9.8	1	2.8	162.0	0.67	0.26	11.4	0.259	1.42	3.1
N829477		59.3	163.0	0.002	1.95	6.79	10.3	2	6.3	152.0	0.56	1.30	13.7	0.218	2.50	5.2
N829478		24.4	182.5	0.003	0.48	7.62	10.4	1	3.1	102.0	0.59	0.38	14.6	0.212	2.66	4.6
N829479		71.1	200	0.002	0.85	72.6	9.7	1	4.3	47.4	0.51	0.33	14.3	0.200	2.27	2.6
N829480		>10000	173.0	0.002	3.51	73.3	8.8	2	5.9	32.5	0.46	0.36	14.1	0.174	1.97	3.0
N829481		30.6	194.5	0.002	0.72	60.0	10.0	1	4.3	46.0	0.55	0.13	14.2	0.208	2.52	2.5
N829482		29.2	183.0	0.003	0.90	10.95	10.5	1	5.5	68.1	0.59	0.23	14.7	0.230	3.05	2.7
N829483		36.9	167.0	0.003	0.91	9.64	9.5	1	5.7	68.5	0.60	0.22	12.8	0.238	3.15	2.4
N829484		26.3	189.5	0.002	0.55	20.1	6.7	1	3.4	83.3	0.56	0.13	9.6	0.218	3.27	2.6
N829485		1290	194.0	0.002	2.96	33.4	9.6	1	7.7	75.1	0.48	0.19	12.0	0.191	2.81	3.0
N829486		25.6	130.0	<0.002	0.36	6.94	6.2	1	1.8	314	0.73	<0.05	9.2	0.264	3.21	5.0





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 Account: ROCKHA

Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12140555**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
N829451		68	5.1	17.4	1660	33.2	
N829452		70	6.4	7.8	1570	24.3	
N829453		70	5.9	19.3	1540	34.9	
N829454		65	5.0	17.1	626	33.2	
N829455		55	4.7	10.8	5270	28.3	
N829456		64	4.5	11.0	1760	27.7	
N829457		2	0.2	0.8	26	0.5	
N829458		72	4.8	16.2	345	40.3	
N829459		73	4.3	14.8	127	38.7	
N829460		59	3.6	17.6	197	30.6	
N829461		76	3.2	15.3	72	35.1	
N829462		77	3.8	16.0	90	36.9	
N829463		66	3.6	13.7	176	35.3	
N829464		72	2.9	16.3	74	37.2	
N829465		2	0.1	0.9	17	<0.5	
N829466		75	2.3	17.5	85	35.8	
N829467		75	2.2	13.8	148	34.2	
N829468		73	6.8	15.0	271	40.5	
N829469		75	8.2	14.0	214	42.3	
N829470		72	2.8	15.6	196	37.6	
N829471		70	2.3	13.2	60	35.3	
N829472		59	5.5	10.4	5340	26.7	
N829473		71	2.5	14.6	109	34.0	
N829474		75	2.9	16.2	162	29.9	
N829475		78	4.5	18.5	563	30.5	
N829476		77	2.2	14.3	283	33.0	
N829477		77	4.6	15.5	263	30.9	
N829478		83	2.6	12.4	633	38.0	
N829479		69	8.0	8.6	250	33.5	
N829480		62	9.4	6.8	1950	33.9	1.075
N829481		66	6.9	8.6	176	32.7	
N829482		74	5.6	9.6	73	36.3	
N829483		76	5.5	8.5	77	36.7	
N829484		58	6.5	6.1	96	33.4	
N829485		65	5.2	7.9	4480	44.3	
N829486		59	3.1	12.0	88	130.0	



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Project: Klaza-66

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**CERTIFICATE OF ANALYSIS WH12140555**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12140556**

Project: Klaza-67

P.O. No.: Batch 6

This report is for 14 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12140556**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828410		2.59	<0.005	0.01	0.06	<5	10	0.07	0.31	20.5	0.06	0.96	1.0	1	0.15	1.9
N828411		14.32	0.017	0.97	7.40	24.2	1030	2.02	1.41	2.98	5.79	65.3	6.1	9	9.56	8.0
N828412		0.30	0.726	9.27	6.43	1530	1200	1.35	6.15	1.79	40.9	48.2	16.1	21	17.40	105.0
N828413		11.78	0.008	0.56	7.32	14.3	740	1.59	0.85	2.54	1.37	69.2	4.2	9	14.10	11.7
N828414		13.17	0.006	0.19	6.59	11.8	2620	1.74	0.37	3.34	0.73	49.8	6.6	11	19.45	16.2
N828415		<0.02	0.006	0.17	6.99	11.4	3020	1.65	0.32	3.55	0.54	51.1	6.7	11	19.35	5.2
N828416		12.09	0.006	0.12	7.61	9.3	1310	1.54	0.40	2.31	0.20	45.8	4.2	10	11.10	4.7
N828417		9.22	<0.005	0.13	7.25	6.7	1710	1.55	0.28	2.53	0.37	48.8	7.1	11	9.29	6.4
N828418		0.30	0.803	9.80	6.59	1530	1110	1.41	6.21	1.86	41.3	46.0	17.3	20	16.40	104.5
N828419		3.45	<0.005	0.13	7.80	8.4	1930	1.47	0.26	2.09	0.17	52.9	6.5	10	11.30	8.3
N828420		2.36	<0.005	0.12	7.47	8.5	1890	1.46	0.25	2.02	0.17	50.8	5.6	9	10.80	11.7
N828421		3.36	0.060	6.58	7.50	153.5	1170	1.32	3.47	1.60	2.15	58.2	6.4	10	11.50	790
N828422		3.26	<0.005	0.04	0.08	<5	20	<0.05	0.02	20.3	0.05	1.44	1.3	1	0.30	2.2
N828423		8.60	0.009	0.41	7.46	26.9	1340	2.10	0.63	2.52	1.12	51.4	7.7	10	11.65	12.8



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Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12140556**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828410		0.44	0.23	0.11	<0.1	<0.005	0.02	0.5	0.7	12.30	202	0.08	<0.01	0.2	3.1	170
N828411		2.54	20.0	0.36	0.7	0.423	3.05	22.8	47.6	0.99	1480	0.49	0.24	7.2	1.2	680
N828412		4.97	14.50	0.16	1.2	0.863	2.75	23.9	23.3	0.66	1880	12.55	0.25	7.3	14.5	470
N828413		2.06	18.20	0.17	1.5	0.268	2.46	24.7	35.1	0.76	798	0.32	0.19	7.9	2.3	720
N828414		2.56	17.30	0.15	3.0	0.058	2.57	22.8	50.9	1.02	724	0.89	0.05	9.4	4.1	720
N828415		2.68	17.40	0.15	2.9	0.051	2.68	23.5	50.3	1.10	764	0.86	0.06	9.4	4.1	740
N828416		3.22	17.35	0.17	0.9	0.106	2.21	19.6	27.9	0.59	542	0.58	1.25	7.9	2.7	600
N828417		3.12	17.00	0.18	0.9	0.083	2.24	23.5	15.8	0.74	565	0.96	2.74	8.0	2.7	580
N828418		5.19	14.75	0.17	1.2	0.863	2.74	23.4	23.4	0.69	1940	13.25	0.26	7.4	15.2	490
N828419		3.49	17.25	0.16	1.0	0.055	2.60	26.9	20.9	0.56	427	14.50	2.11	8.5	2.9	610
N828420		3.31	16.65	0.17	0.9	0.051	2.62	25.2	19.9	0.54	434	18.25	1.96	7.7	2.8	590
N828421		4.59	16.05	0.18	0.9	0.376	2.55	32.0	23.1	0.62	1910	14.35	0.37	7.0	3.7	560
N828422		0.46	0.34	0.11	<0.1	<0.005	0.03	0.7	1.0	12.35	206	0.21	0.01	0.3	3.0	150
N828423		2.79	19.15	0.34	1.0	0.128	2.19	26.1	27.2	0.61	680	2.22	1.07	9.3	2.3	610



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Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12140556**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
N828410		1.4	1.2	<0.002	0.01	0.05	0.3	1	<0.2	39.5	<0.05	<0.05	<0.2	<0.005	<0.02
N828411		148.5	184.5	<0.002	0.52	6.50	13.8	2	3.6	140.5	0.52	0.22	13.5	0.177	2.93
N828412		1275	152.0	<0.002	2.95	35.5	8.4	1	6.0	149.0	0.58	0.32	10.8	0.199	2.32
N828413		42.4	117.5	<0.002	0.20	15.85	9.9	1	2.9	126.5	0.63	0.11	11.2	0.226	1.93
N828414		23.8	96.7	<0.002	0.19	13.75	7.2	1	3.0	233	0.70	0.07	7.9	0.258	1.92
N828415		21.0	103.0	<0.002	0.20	13.65	7.3	1	1.7	242	0.68	0.07	7.8	0.272	1.91
N828416		17.0	85.1	<0.002	0.12	8.40	10.7	1	2.8	241	0.61	0.07	10.3	0.252	1.34
N828417		19.4	82.0	<0.002	0.10	3.10	10.4	1	3.3	353	0.61	<0.05	10.5	0.240	0.97
N828418		1330	157.0	0.002	3.02	34.2	8.5	1	5.9	150.5	0.57	0.31	10.5	0.200	2.33
N828419		16.7	93.5	0.003	0.10	5.79	10.7	1	4.3	334	0.67	<0.05	13.0	0.253	1.05
N828420		15.9	94.4	0.003	0.07	5.43	10.3	1	3.7	311	0.61	<0.05	11.9	0.239	1.07
N828421		100.5	145.5	0.002	1.90	31.1	9.8	1	6.2	128.0	0.57	0.15	13.3	0.224	1.82
N828422		1.3	1.7	<0.002	0.01	0.08	0.3	1	<0.2	47.3	<0.05	<0.05	<0.2	<0.005	<0.02
N828423		36.5	89.7	<0.002	0.32	10.05	15.1	1	3.0	229	0.69	<0.05	12.9	0.249	1.26



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**CERTIFICATE OF ANALYSIS WH12140556**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828410		2	0.1	0.7	13	<0.5
N828411		61	1.4	20.5	428	22.6
N828412		57	5.0	10.7	3010	35.2
N828413		63	1.6	17.5	126	48.7
N828414		70	3.2	14.1	97	113.5
N828415		72	3.1	14.3	89	113.0
N828416		74	1.2	14.4	54	25.3
N828417		72	1.4	14.9	54	24.9
N828418		58	5.1	11.4	3020	36.5
N828419		72	2.3	17.9	41	26.4
N828420		70	2.1	15.5	43	24.8
N828421		70	4.5	15.3	218	25.4
N828422		2	0.1	0.8	15	<0.5
N828423		75	2.0	18.1	118	31.2



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**CERTIFICATE OF ANALYSIS WH12140556**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12140557**

Project: Klaza-67

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12140557**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828302		8.76	0.016	1.30	7.71	47.6	1400	1.71	1.03	3.16	14.00	51.9	9.0	10	9.00	36.1
N828303		4.82	0.014	1.54	8.31	72.3	1810	1.71	0.82	2.64	7.32	62.2	6.0	11	10.00	72.3
N828304		2.13	0.020	1.12	7.90	71.4	1700	2.01	0.64	2.66	6.81	60.7	7.0	9	9.87	64.0
N828305		4.40	0.107	1.73	8.13	197.5	560	1.82	1.32	1.78	6.16	67.8	4.9	9	12.50	11.7
N828306		4.64	0.130	6.30	8.26	313	1350	1.49	1.01	1.93	27.9	55.9	7.4	9	9.91	23.5
N828307		4.66	0.037	1.65	8.54	124.5	1390	1.83	1.42	0.52	4.93	58.3	17.4	10	12.50	14.5
N828308		4.85	0.437	4.82	6.89	788	910	1.33	1.91	5.23	38.1	51.3	4.4	7	12.30	60.4
N828309		4.01	<0.005	0.13	0.09	<5	30	0.08	0.11	25.4	0.24	1.57	0.8	1	0.24	3.4
N828310		4.77	0.026	0.53	8.14	59.3	1480	1.83	0.28	2.22	2.48	55.5	6.1	9	17.10	8.5
N828311		6.92	<0.005	0.23	8.11	22.1	2420	1.70	0.46	2.99	0.21	68.1	8.2	9	14.30	15.2
N828312		<0.02	<0.005	0.21	7.78	21.1	2280	1.84	0.42	2.87	0.23	64.7	8.7	8	14.30	14.1
N828313		4.66	0.173	1.97	8.43	195.5	2240	1.68	1.49	2.27	3.50	99.3	8.3	10	17.30	16.0
N828314		4.25	0.009	0.24	8.15	29.3	1640	1.98	0.21	2.59	0.46	64.5	6.0	9	17.60	3.4
N828315		5.03	0.021	0.73	8.06	51.5	1650	1.86	1.21	3.06	2.39	82.3	13.3	9	15.60	7.7
N828316		4.79	0.011	0.50	7.96	42.9	1430	1.70	0.72	2.55	4.28	71.4	12.5	9	16.30	12.9
N828317		4.83	0.041	0.65	7.26	94.2	1410	1.65	1.04	2.72	2.43	66.0	8.4	8	12.55	9.8
N828318		0.26	0.725	12.15	7.39	2090	300	1.65	7.55	2.25	48.3	46.4	19.1	22	18.00	120.0
N828319		3.95	2.34	>100	4.96	1380	610	1.11	326	1.28	318	24.2	7.9	6	6.15	4550
N828320		3.43	<0.005	0.38	0.11	6	30	0.06	0.33	23.8	0.35	2.98	0.6	<1	0.24	5.8
N828321		4.40	0.014	1.66	7.53	36.5	2220	1.52	1.93	2.07	7.53	40.9	5.9	8	9.74	21.6
N828322		4.45	0.054	2.21	6.99	93.8	1510	1.27	2.98	1.20	8.90	47.5	4.2	9	11.70	37.0
N828323		4.23	0.127	3.04	7.31	196.5	1090	1.34	2.58	0.63	12.45	47.5	4.2	9	13.05	89.9
N828324		4.46	0.150	5.65	5.41	191.5	210	1.10	7.51	0.98	15.85	38.2	4.3	8	17.50	63.2
N828325		4.28	0.216	5.18	4.69	255	100	0.92	4.91	1.08	26.4	38.1	4.5	7	9.97	53.2
N828326		9.12	0.044	2.19	7.24	99.3	2890	1.10	2.95	1.30	6.45	60.1	2.1	9	8.70	42.6
N828327		3.01	0.042	6.44	6.88	115.0	1400	1.15	5.13	0.57	27.0	59.4	3.3	8	8.26	105.5
N828328		4.46	0.015	1.94	6.78	52.1	1170	1.09	1.61	1.13	14.00	56.9	2.3	7	7.95	22.4
N828329		0.26	0.742	9.48	7.01	1930	210	1.31	6.56	1.94	39.8	46.8	17.6	19	14.85	110.5
N828330		4.82	0.484	16.05	5.48	648	90	0.88	12.35	4.64	71.5	48.4	4.7	6	5.42	765
N828331		4.30	2.07	>100	3.51	2750	20	0.57	377	1.39	41.9	15.50	8.8	9	2.77	>10000
N828332		5.14	0.389	2.64	6.07	408	470	1.07	3.88	5.47	3.09	45.0	5.5	9	7.63	40.6
N828333		3.06	0.019	1.50	6.80	47.8	1140	1.25	1.34	3.34	2.40	40.9	6.4	7	9.79	49.1
N828334		4.46	0.009	0.92	7.61	30.4	1630	1.35	0.55	1.35	1.61	56.9	4.5	9	14.35	41.6
N828335		3.93	0.006	0.35	7.54	10.5	1760	1.43	0.28	2.37	0.88	47.9	5.7	9	11.65	6.2
N828336		3.78	<0.005	0.14	7.27	11.0	1980	1.29	0.19	2.14	0.17	31.7	6.9	9	9.43	3.6
N828337		5.00	<0.005	0.18	7.70	10.6	2270	1.48	0.22	2.45	0.15	45.0	4.5	9	14.70	4.3



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Account: ROCKHA

Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12140557**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828302		3.77	18.65	0.11	1.1	0.268	2.95	21.8	35.6	0.75	1200	1.20	1.07	6.5	3.7	620
N828303		4.27	18.65	0.14	1.1	0.322	3.43	28.4	49.5	0.71	1680	1.87	0.35	6.1	2.8	670
N828304		4.15	18.75	0.11	1.1	0.255	3.38	27.7	41.8	0.70	1780	1.55	0.51	5.9	2.5	660
N828305		5.66	18.10	0.13	1.0	0.229	3.41	32.1	77.7	0.89	1680	7.83	0.06	5.6	3.3	590
N828306		4.96	17.55	0.10	1.0	0.306	3.56	24.3	22.7	0.81	1790	1.88	0.07	5.1	2.8	650
N828307		7.50	18.80	0.14	1.0	0.271	3.84	26.7	8.5	0.75	3050	19.45	0.06	5.9	3.0	620
N828308		7.02	15.15	0.10	0.9	0.746	3.10	24.7	14.2	1.79	5760	13.10	0.03	4.9	2.6	490
N828309		0.58	0.24	0.06	<0.1	0.007	0.04	0.7	1.7	15.50	260	1.03	<0.01	0.2	2.3	210
N828310		5.78	17.70	0.10	1.1	0.190	3.82	25.9	21.5	0.94	2840	2.53	0.19	6.5	2.7	650
N828311		4.17	17.65	0.13	1.1	0.050	3.67	32.1	25.4	1.04	985	1.71	0.14	6.0	3.4	670
N828312		4.07	18.05	0.12	1.1	0.057	3.52	29.8	24.1	1.01	935	1.84	0.16	6.1	3.5	650
N828313		5.81	18.75	0.16	1.2	0.192	3.81	51.7	12.4	1.03	1920	7.16	0.05	7.0	3.0	680
N828314		3.95	18.95	0.13	1.2	0.103	3.75	29.3	64.2	0.95	2290	3.96	0.05	7.2	2.4	660
N828315		4.74	17.15	0.13	0.9	0.140	3.78	42.0	32.4	1.28	1710	3.48	0.06	5.2	2.5	590
N828316		4.61	18.55	0.14	1.1	0.235	3.95	31.4	21.9	1.03	1820	2.71	0.05	6.4	2.2	650
N828317		4.43	17.35	0.13	1.0	0.163	3.84	30.4	13.4	0.92	1760	2.45	0.05	6.1	2.4	620
N828318		6.17	16.70	0.10	1.5	1.085	3.30	19.7	27.3	0.79	2320	14.65	0.31	8.0	17.4	580
N828319		12.80	13.25	0.09	0.6	4.68	2.44	9.1	11.3	0.50	1650	2.19	0.03	3.7	2.3	370
N828320		0.48	0.29	0.05	<0.1	0.008	0.05	1.4	1.5	14.65	212	0.12	0.01	0.3	1.9	290
N828321		3.12	17.85	0.15	0.9	0.272	3.92	17.5	24.4	0.84	1700	10.90	0.06	5.6	2.6	610
N828322		4.24	15.55	0.11	0.9	0.380	3.20	22.2	21.7	0.72	1560	5.75	0.05	4.9	2.5	500
N828323		5.95	15.55	0.11	0.9	0.437	3.36	22.6	20.2	0.66	2340	11.65	0.04	5.3	2.5	490
N828324		4.20	12.70	0.12	0.7	0.434	2.22	19.8	31.7	0.44	1540	16.15	0.03	4.7	2.8	350
N828325		4.88	12.05	0.12	0.6	0.375	2.04	19.2	31.1	0.31	1580	23.0	0.03	4.0	2.9	370
N828326		4.75	17.15	0.15	0.7	0.279	3.38	31.2	10.8	0.83	2170	2.81	0.06	5.4	2.7	530
N828327		4.87	16.90	0.14	0.7	0.504	3.11	33.0	8.2	0.58	1400	4.28	0.05	4.6	2.6	480
N828328		5.85	15.15	0.15	0.7	0.369	3.05	29.2	7.5	0.86	2580	1.11	0.05	4.9	2.7	490
N828329		5.45	15.50	0.16	1.2	0.874	2.89	23.4	23.4	0.71	2130	12.55	0.26	8.1	16.4	510
N828330		5.86	14.90	0.14	0.6	0.826	2.60	24.5	7.9	0.52	2030	5.65	0.04	4.7	2.2	370
N828331		15.20	9.58	0.23	0.4	6.39	1.60	6.9	6.9	0.45	1540	5.20	0.02	2.9	2.0	250
N828332		6.13	14.70	0.12	0.8	0.152	2.84	24.1	7.9	0.46	2230	17.15	0.03	5.7	2.4	430
N828333		4.24	15.45	0.14	0.8	0.167	3.27	20.3	11.8	0.77	2080	14.60	0.04	5.4	2.8	490
N828334		3.69	16.75	0.13	1.0	0.079	2.88	30.8	43.9	0.61	1130	2.69	0.06	8.0	3.2	590
N828335		3.53	15.90	0.15	0.9	0.054	2.82	23.4	21.7	0.95	1140	1.33	0.75	6.9	3.2	550
N828336		2.70	16.40	0.13	0.9	0.034	2.82	14.7	28.0	0.76	532	2.53	0.74	7.2	2.8	570
N828337		3.56	16.25	0.15	1.0	0.064	3.29	21.4	27.2	0.83	901	1.06	1.25	7.7	2.5	560



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Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12140557**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828302		211	130.0	<0.002	0.95	5.74	11.7	2	3.3	212	0.56	0.09	12.0	0.215	2.61	5.3
N828303		213	157.0	<0.002	0.96	27.4	11.5	1	3.0	115.0	0.51	<0.05	13.3	0.209	2.74	4.7
N828304		188.5	146.0	<0.002	0.89	27.1	11.7	2	2.8	124.5	0.48	<0.05	12.1	0.204	2.61	4.4
N828305		289	183.5	0.002	2.46	21.5	11.2	1	2.9	69.1	0.50	0.09	13.9	0.187	3.27	5.7
N828306		2170	144.0	0.002	2.32	16.75	11.1	2	8.1	47.5	0.45	<0.05	12.8	0.187	2.95	4.9
N828307		306	212	0.002	1.26	10.45	10.6	1	4.3	21.9	0.47	<0.05	15.6	0.198	3.64	5.6
N828308		1470	169.5	<0.002	3.61	34.8	8.8	2	7.9	93.9	0.42	<0.05	11.0	0.170	3.30	4.3
N828309		12.3	1.9	<0.002	0.03	0.23	0.2	1	<0.2	58.9	<0.05	<0.05	<0.2	<0.005	0.04	0.8
N828310		170.0	170.5	<0.002	0.53	10.30	11.1	2	4.2	86.1	0.58	<0.05	13.0	0.223	3.61	8.0
N828311		21.9	137.0	0.002	0.37	13.65	11.7	1	1.1	106.0	0.53	0.06	13.4	0.201	2.82	8.4
N828312		17.7	128.5	<0.002	0.36	13.30	11.5	1	1.1	104.0	0.50	0.05	11.7	0.193	2.58	7.8
N828313		293	183.0	0.002	1.81	15.10	12.2	2	3.1	80.1	0.64	0.11	15.3	0.225	3.57	8.4
N828314		33.5	163.0	<0.002	0.31	7.92	12.0	2	1.5	125.5	0.64	<0.05	13.2	0.234	3.30	5.8
N828315		115.5	197.5	0.002	1.14	8.42	11.5	1	2.2	80.0	0.40	0.08	14.9	0.175	3.23	6.1
N828316		53.6	159.5	0.002	0.85	6.27	11.7	1	2.1	102.0	0.55	<0.05	12.3	0.214	3.46	6.0
N828317		57.0	148.0	<0.002	1.45	7.13	10.6	1	2.2	83.9	0.48	<0.05	10.4	0.207	3.48	4.8
N828318		1590	162.5	<0.002	3.61	37.4	9.8	1	6.4	170.5	0.72	0.35	11.7	0.229	2.95	5.7
N828319		>10000	119.0	<0.002	>10.0	357	7.0	2	39.3	58.9	0.31	1.76	6.6	0.127	2.29	2.5
N828320		34.0	2.2	<0.002	0.03	0.45	0.2	1	0.2	46.2	<0.05	<0.05	0.2	<0.005	0.03	0.6
N828321		142.5	164.5	0.004	0.49	15.50	9.8	1	2.0	47.9	0.44	<0.05	11.5	0.198	3.36	3.6
N828322		210	216	<0.002	1.44	27.1	9.2	2	4.0	30.8	0.40	0.16	12.0	0.170	3.23	3.2
N828323		279	204	0.006	1.72	52.5	9.1	1	4.8	38.2	0.48	0.11	12.2	0.193	3.73	6.0
N828324		393	129.5	<0.002	2.29	58.4	7.1	1	4.5	131.0	0.39	0.26	10.1	0.149	2.37	4.1
N828325		856	108.5	<0.002	3.16	69.5	6.9	1	6.2	186.0	0.31	0.07	8.5	0.121	2.09	4.9
N828326		166.5	175.0	<0.002	0.88	14.05	10.4	1	3.8	64.1	0.41	<0.05	14.0	0.169	2.95	3.7
N828327		1115	164.5	0.003	1.06	26.0	9.2	1	6.0	19.6	0.40	<0.05	12.9	0.164	2.81	2.7
N828328		484	157.5	<0.002	0.47	7.78	9.9	1	3.7	67.1	0.41	<0.05	12.8	0.162	2.86	2.8
N828329		1425	155.5	0.002	3.15	31.0	9.3	1	5.4	147.5	0.67	0.20	13.3	0.205	2.61	5.6
N828330		1730	139.0	0.002	4.55	36.7	7.9	1	7.7	131.5	0.35	0.07	9.8	0.138	2.11	2.5
N828331		2930	78.7	<0.002	>10.0	431	4.6	2	10.2	59.1	0.22	0.51	5.0	0.087	1.42	2.0
N828332		227	174.5	0.008	3.67	12.05	8.5	1	6.2	144.5	0.48	0.10	12.0	0.173	3.08	4.4
N828333		149.5	194.5	0.009	0.53	11.90	9.8	1	3.5	89.5	0.46	<0.05	11.9	0.169	3.29	5.2
N828334		136.5	145.0	<0.002	0.33	25.5	11.8	1	2.4	80.7	0.67	<0.05	13.8	0.246	2.54	4.7
N828335		83.5	132.5	<0.002	0.21	5.71	10.6	1	2.2	161.0	0.57	<0.05	12.9	0.205	2.28	5.1
N828336		18.0	114.0	<0.002	0.17	5.24	10.8	1	1.3	149.5	0.58	<0.05	11.9	0.234	1.76	4.2
N828337		24.1	113.5	<0.002	0.12	4.68	10.2	1	2.3	267	0.65	<0.05	13.0	0.239	1.79	3.3



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**CERTIFICATE OF ANALYSIS WH12140557**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N828302		74	1.7	11.9	1040	33.7				
N828303		77	2.1	12.6	603	36.3				
N828304		77	1.9	12.3	571	34.7				
N828305		73	3.5	13.5	539	32.9				
N828306		78	3.7	11.4	2490	30.5				
N828307		67	6.1	9.0	550	32.3				
N828308		57	6.8	11.2	2990	25.0				
N828309		3	0.1	1.0	32	<0.5				
N828310		74	5.5	12.2	349	34.3				
N828311		77	2.2	14.3	93	31.9				
N828312		74	2.2	14.0	87	33.3				
N828313		75	5.7	14.4	364	37.1				
N828314		79	3.2	15.5	96	36.2				
N828315		77	2.7	14.5	271	27.9				
N828316		74	3.4	13.1	374	34.5				
N828317		73	3.7	12.6	281	30.7				
N828318		65	5.9	11.9	3450	49.0				
N828319		45	4.2	6.6	>10000	18.8	228		2.91	2.06
N828320		3	0.1	0.9	31	<0.5				
N828321		75	3.3	10.4	590	30.8				
N828322		66	3.4	7.8	739	27.2				
N828323		65	7.3	8.6	1270	25.5				
N828324		49	4.7	7.8	1320	19.7				
N828325		43	3.7	7.0	1860	15.9				
N828326		64	3.4	8.5	587	21.6				
N828327		69	4.4	6.6	2000	21.4				
N828328		63	3.3	6.2	1200	21.2				
N828329		59	4.7	11.4	3100	40.0				
N828330		48	2.8	6.9	5230	18.2				
N828331		30	1.7	5.0	3370	10.2	330	1.835		
N828332		55	6.5	8.7	311	22.5				
N828333		65	3.3	9.7	278	23.1				
N828334		68	4.9	12.9	203	27.3				
N828335		65	2.3	11.5	146	25.6				
N828336		72	1.9	11.6	72	25.1				
N828337		67	3.0	13.6	60	30.0				



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Project: Klaza-67

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**CERTIFICATE OF ANALYSIS WH12140557**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12140558**

Project: Klaza-67

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12140558**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828266		5.21	<0.005	0.17	7.22	9.8	2020	1.49	0.45	3.10	0.40	52.4	7.8	9	9.38	3.1
N828267		6.48	0.335	2.19	6.72	406	260	1.38	2.18	2.18	14.00	45.1	6.1	8	13.10	28.2
N828268		4.76	0.328	2.60	7.05	174.5	1000	1.60	2.98	3.00	25.1	56.4	6.5	8	21.8	49.6
N828269		8.98	0.011	0.16	7.05	34.5	2040	1.56	0.32	2.31	0.19	46.5	6.4	11	20.0	8.8
N828270		4.54	0.040	0.37	6.75	204	1610	1.49	0.39	1.83	0.19	44.9	5.6	9	22.2	4.3
N828271		9.05	0.005	0.14	7.21	13.9	2120	1.39	0.29	1.90	1.11	60.4	5.3	9	12.85	3.3
N828272		5.87	0.007	0.13	6.92	31.9	2450	1.34	0.20	2.57	0.46	57.4	10.1	8	14.30	2.4
N828273		2.56	<0.005	<0.01	0.08	<5	20	0.06	0.02	21.9	0.02	1.28	1.4	<1	0.26	1.7
N828274		4.45	0.009	0.11	7.15	35.3	1400	1.52	0.18	2.19	0.11	53.0	5.5	8	24.6	4.8
N828275		3.73	<0.005	0.10	7.09	18.5	2020	1.49	0.21	2.23	0.11	48.4	6.0	8	19.50	3.2
N828276		0.31	4.46	>100	5.28	7600	80	1.16	62.9	1.89	222	35.5	9.4	17	12.60	1265
N828277		10.04	<0.005	0.13	7.41	10.3	2510	1.63	0.23	2.47	0.16	50.5	5.4	10	13.65	2.8
N828278		4.27	<0.005	0.09	7.63	8.7	2440	1.67	0.20	2.44	0.07	48.7	4.1	10	11.35	1.9
N828279		5.20	0.005	0.09	7.40	15.2	1960	1.54	0.19	2.24	0.07	65.1	10.5	9	17.85	4.1
N828280		12.12	<0.005	0.12	7.48	17.1	1770	1.43	0.22	2.48	0.32	67.0	8.9	8	16.35	2.9
N828281		5.05	0.005	0.11	7.35	15.6	1590	1.48	0.19	2.35	0.31	63.7	6.5	7	16.85	2.3
N828282		9.21	<0.005	0.07	7.39	14.9	1380	1.40	0.20	1.96	0.14	57.9	5.2	10	15.35	2.1
N828283		3.39	<0.005	0.18	7.42	19.7	4640	1.44	0.24	1.92	0.18	63.3	6.3	8	15.75	3.8
N828284		0.30	0.803	8.86	6.78	1845	130	1.51	6.48	1.91	44.3	47.8	16.9	20	18.40	104.5
N828285		4.53	0.501	11.90	6.62	396	200	1.44	20.0	1.32	43.6	58.3	5.4	9	15.25	69.9
N828286		7.03	0.005	0.15	7.08	35.1	840	2.10	0.22	1.65	0.23	71.0	6.8	23	21.2	9.3
N828287		11.09	0.087	0.58	7.15	106.5	1280	1.66	0.56	1.98	1.94	55.5	5.3	8	22.0	8.7
N828288		4.48	0.088	0.91	6.99	151.5	1540	1.36	0.71	1.89	6.93	43.5	4.1	8	16.85	12.5
N828289		6.34	0.009	0.21	7.05	30.5	1220	1.39	0.24	1.95	0.37	55.3	4.1	9	16.50	6.1
N828290		4.51	0.081	1.21	7.07	110.5	1010	1.37	0.65	1.65	12.20	80.7	4.1	8	10.85	9.4
N828291		5.14	0.125	1.87	6.51	218	530	1.26	1.47	1.42	11.65	54.1	5.7	9	14.70	28.2
N828292		5.07	<0.005	0.01	0.08	<5	20	0.06	0.02	20.7	0.09	1.41	1.3	3	0.17	2.7
N828293		3.75	0.048	1.20	6.99	87.6	620	1.31	0.96	1.89	13.00	69.4	8.5	11	8.31	31.6
N828294		4.16	0.015	0.94	7.10	36.7	1400	1.33	0.31	2.08	5.03	67.3	6.2	10	8.15	5.6
N828295		6.73	0.007	0.52	7.08	15.7	1440	1.29	0.50	3.10	6.52	46.5	8.6	10	7.40	13.3
N828296		4.15	0.022	1.13	7.08	38.2	850	1.43	0.95	3.15	9.95	60.9	9.4	7	7.71	29.7
N828297		3.42	0.025	0.49	6.94	34.5	950	1.59	0.55	3.10	1.14	59.7	12.3	10	15.95	16.9
N828298		4.12	0.006	0.19	7.57	17.2	1390	1.66	0.31	3.11	1.16	57.2	6.0	10	5.86	5.4
N828299		<0.02	0.009	0.21	7.67	17.2	1420	1.58	0.32	3.08	1.13	65.6	5.9	11	6.96	5.5
N828300		4.57	<0.005	0.28	7.38	10.1	930	1.44	0.33	3.28	1.32	54.8	7.5	11	6.45	3.9
N828301		3.72	0.010	0.73	7.47	15.8	1150	1.59	0.76	4.07	16.20	39.3	30.1	11	10.10	13.8





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Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12140558**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828266		2.23	16.20	0.16	1.1	0.032	3.08	25.3	16.9	0.57	696	2.30	0.61	6.6	2.6	550
N828267		4.80	15.30	0.14	0.9	0.405	2.86	22.7	30.4	0.82	4430	6.04	0.04	6.6	2.3	480
N828268		4.21	15.50	0.18	1.1	0.470	2.97	31.5	20.9	0.92	2350	3.94	0.04	7.6	2.5	530
N828269		3.18	15.50	0.19	1.2	0.055	2.91	22.4	35.8	0.75	836	1.29	1.11	8.4	2.4	570
N828270		2.74	14.80	0.17	1.2	0.031	2.64	22.0	102.5	0.66	852	2.53	0.07	8.1	2.4	530
N828271		2.94	15.25	0.21	1.0	0.052	3.07	32.4	22.3	0.76	762	11.60	0.36	6.8	2.2	550
N828272		2.83	14.55	0.21	0.9	0.045	2.93	30.5	27.8	1.01	981	2.86	0.06	5.5	2.7	550
N828273		0.49	0.27	0.09	<0.1	0.005	0.03	0.6	0.9	12.90	234	0.41	<0.01	0.3	3.1	180
N828274		2.72	16.65	0.17	1.3	0.035	2.59	26.3	87.3	0.76	716	2.04	0.07	8.5	2.2	570
N828275		3.02	16.00	0.19	1.2	0.040	2.59	23.1	24.5	0.72	574	2.17	0.87	8.3	2.4	580
N828276		7.94	12.70	0.24	1.0	4.83	2.27	17.2	32.1	0.63	3050	15.55	0.08	6.0	13.5	450
N828277		3.09	16.15	0.19	1.1	0.039	2.89	24.6	10.8	0.76	491	2.40	2.01	8.7	2.4	610
N828278		3.22	16.10	0.21	1.2	0.027	2.89	23.7	12.5	0.77	460	2.89	1.82	8.4	2.6	620
N828279		3.45	15.85	0.21	1.0	0.029	2.69	34.6	27.8	0.83	447	1.96	0.13	8.0	2.9	580
N828280		2.76	15.00	0.23	1.2	0.032	2.89	36.3	30.6	0.91	633	6.49	0.16	8.1	2.6	570
N828281		2.60	15.05	0.22	1.2	0.031	2.89	33.5	29.7	0.87	615	7.58	0.13	7.7	2.2	530
N828282		2.72	15.50	0.22	1.1	0.029	2.60	29.6	77.0	0.73	627	4.21	0.05	7.8	2.4	620
N828283		3.14	15.20	0.22	1.0	0.044	2.92	34.5	52.9	0.76	857	3.04	0.06	6.0	2.3	550
N828284		5.34	14.80	0.23	1.3	0.965	2.94	23.3	25.3	0.73	2040	13.10	0.27	8.6	14.8	520
N828285		5.19	15.00	0.22	1.0	0.515	2.91	31.7	34.5	0.65	1360	4.41	0.03	6.4	2.4	500
N828286		2.70	17.45	0.20	4.5	0.037	2.25	34.6	174.5	0.72	646	4.43	0.04	11.8	7.6	1350
N828287		3.61	15.25	0.23	1.2	0.095	2.78	29.3	37.8	0.71	1120	5.24	0.52	8.4	2.6	550
N828288		3.36	14.40	0.15	1.0	0.145	2.94	22.1	17.6	0.70	1460	4.14	0.04	7.6	2.1	520
N828289		2.66	15.85	0.17	1.1	0.041	2.72	28.9	47.3	0.72	878	4.10	0.04	7.4	2.2	530
N828290		4.11	15.60	0.19	1.1	0.463	3.28	48.0	10.6	0.78	2320	24.7	0.04	6.3	3.0	520
N828291		5.36	15.55	0.21	0.9	0.465	2.94	29.9	11.3	0.69	3550	28.6	0.04	5.1	3.4	460
N828292		0.48	0.33	0.25	<0.1	0.005	0.03	0.7	0.8	12.45	220	0.27	<0.01	0.4	2.0	170
N828293		3.74	14.15	0.20	1.0	0.431	3.23	38.0	11.3	0.79	2100	3.21	0.05	6.0	2.4	510
N828294		2.70	16.95	0.21	1.1	0.046	2.64	35.0	75.2	0.78	856	1.49	0.07	6.5	2.5	540
N828295		2.66	16.60	0.19	1.1	0.269	2.64	22.3	113.0	1.08	1100	18.00	0.13	6.8	2.6	570
N828296		2.79	17.10	0.12	1.1	0.180	2.51	32.6	79.1	0.93	1240	1.47	0.13	6.7	2.6	540
N828297		2.53	17.60	0.13	1.1	0.088	2.18	31.8	52.3	0.61	883	1.96	0.10	6.3	2.8	550
N828298		3.94	18.80	0.15	1.2	0.056	2.04	31.0	70.4	0.81	811	2.31	0.52	6.5	2.3	590
N828299		3.92	18.30	0.22	1.2	0.060	2.06	36.3	67.0	0.81	811	1.30	0.51	6.8	2.4	570
N828300		2.22	18.65	0.20	1.1	0.081	2.25	24.9	30.1	0.54	808	7.89	1.43	7.6	3.1	600
N828301		2.41	18.75	0.18	1.1	0.493	2.68	15.4	29.7	0.67	1080	3.08	0.23	6.1	4.6	590



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Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12140558**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N828266		36.2	125.0	<0.002	0.25	5.39	9.7	1	1.6	148.5	0.60	<0.05	13.8	0.200	5.1
N828267		462	152.0	<0.002	2.56	13.15	9.4	1	3.1	112.0	0.57	0.17	12.4	0.198	3.8
N828268		263	183.0	<0.002	1.78	16.35	10.2	1	3.5	100.5	0.58	0.10	14.5	0.215	6.0
N828269		22.4	116.5	<0.002	0.20	8.64	10.5	1	1.9	242	0.64	<0.05	12.4	0.238	4.6
N828270		64.5	103.0	<0.002	0.33	28.0	9.8	1	1.4	111.5	0.62	<0.05	12.3	0.225	5.1
N828271		44.4	142.5	0.002	0.18	11.10	10.6	1	1.4	125.5	0.51	<0.05	14.5	0.202	4.7
N828272		24.4	141.0	<0.002	0.48	16.40	10.1	1	1.4	108.0	0.41	<0.05	14.0	0.166	3.9
N828273		<0.5	1.8	<0.002	0.01	0.09	0.2	1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.6
N828274		12.7	111.5	<0.002	0.14	17.40	10.3	1	1.8	151.5	0.71	<0.05	13.6	0.238	5.5
N828275		16.6	95.7	<0.002	0.09	13.30	10.0	1	1.7	212	0.67	<0.05	11.9	0.240	5.5
N828276		9590	133.0	0.002	7.06	219	7.4	2	8.7	122.0	0.41	0.50	8.9	0.175	5.5
N828277		22.5	107.0	<0.002	0.05	3.52	11.3	1	1.4	377	0.64	<0.05	12.9	0.256	3.8
N828278		18.3	97.2	<0.002	0.05	3.26	11.1	1	1.3	329	0.62	<0.05	13.1	0.262	4.4
N828279		11.7	120.0	<0.002	0.23	8.40	10.4	1	1.6	116.0	0.59	<0.05	14.5	0.228	4.3
N828280		15.2	144.0	<0.002	0.32	10.80	10.2	1	1.6	123.0	0.64	<0.05	15.4	0.215	9.1
N828281		15.4	139.5	<0.002	0.26	11.30	9.8	1	1.6	115.0	0.61	<0.05	15.1	0.210	7.1
N828282		17.8	109.0	<0.002	0.20	22.6	10.6	1	1.4	139.0	0.59	<0.05	14.1	0.224	5.3
N828283		16.8	163.5	<0.002	0.38	22.6	10.4	1	1.3	113.0	0.45	<0.05	15.2	0.180	4.1
N828284		1410	161.0	0.002	3.25	34.9	9.3	1	6.2	156.0	0.63	0.29	12.3	0.206	5.6
N828285		1220	188.0	<0.002	3.75	28.0	9.5	1	5.3	67.7	0.48	0.25	13.5	0.181	5.4
N828286		21.6	70.4	<0.002	0.04	33.2	6.4	1	1.4	516	0.67	<0.05	9.2	0.348	6.4
N828287		90.6	145.5	0.002	1.11	15.80	10.5	1	2.7	162.0	0.63	<0.05	14.5	0.227	6.0
N828288		108.5	150.0	<0.002	1.42	16.30	9.5	1	2.2	83.0	0.61	<0.05	11.4	0.218	5.7
N828289		16.8	135.0	<0.002	0.40	10.35	10.8	1	1.4	102.0	0.59	<0.05	12.7	0.211	5.5
N828290		341	194.5	<0.002	1.43	29.6	11.2	1	3.7	29.0	0.52	0.06	13.7	0.176	6.2
N828291		250	173.5	0.002	2.97	37.9	8.9	1	4.9	30.6	0.41	0.08	11.1	0.155	5.2
N828292		2.1	1.6	<0.002	0.02	0.15	0.4	1	<0.2	44.5	<0.05	<0.05	0.2	<0.005	0.4
N828293		166.5	187.5	0.002	1.95	10.95	9.6	1	3.5	33.8	0.48	0.10	12.4	0.166	5.0
N828294		273	124.0	<0.002	0.81	9.85	11.5	1	2.5	71.1	0.54	0.07	12.3	0.182	5.5
N828295		131.0	118.0	0.004	0.87	6.30	10.8	1	2.3	107.5	0.56	0.08	11.5	0.203	5.4
N828296		314	124.0	<0.002	1.11	8.83	11.9	1	2.4	111.5	0.56	0.08	13.0	0.200	4.0
N828297		35.6	105.5	<0.002	1.12	12.80	12.5	1	1.8	94.9	0.54	0.08	13.0	0.192	5.4
N828298		20.4	90.4	<0.002	0.41	7.22	13.0	1	1.4	106.0	0.61	<0.05	14.0	0.201	6.5
N828299		23.9	98.5	<0.002	0.43	8.36	11.6	1	1.5	110.0	0.63	<0.05	13.6	0.195	6.4
N828300		40.4	100.5	0.003	0.52	4.57	10.6	1	2.5	194.0	0.61	<0.05	10.9	0.217	5.1
N828301		143.5	128.5	0.002	1.02	8.15	14.1	1	3.4	141.0	0.56	0.09	12.9	0.211	5.7



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 Account: ROCKHA

Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12140558**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828266		64	3.1	12.9	76	31.1		
N828267		57	5.5	10.5	1120	28.1		
N828268		63	5.9	12.9	1630	31.8		
N828269		69	2.7	14.7	67	35.3		
N828270		65	5.6	13.0	70	33.7		
N828271		67	2.2	14.0	154	30.3		
N828272		64	3.0	12.2	128	28.1		
N828273		2	0.1	0.8	15	<0.5		
N828274		67	3.9	16.2	56	36.3		
N828275		70	2.0	15.3	72	31.6		
N828276		53	4.2	9.5	>10000	33.4	117	1.635
N828277		74	1.4	16.7	60	33.0		
N828278		79	1.4	14.7	72	34.7		
N828279		72	1.6	15.0	102	29.8		
N828280		66	1.6	16.2	97	32.3		
N828281		65	1.6	14.8	94	32.9		
N828282		69	3.2	13.7	72	32.2		
N828283		72	2.4	13.0	99	29.0		
N828284		60	5.3	11.6	3100	42.7		
N828285		61	4.5	11.4	2580	29.3		
N828286		64	2.3	12.0	110	192.5		
N828287		65	3.7	14.7	196	36.2		
N828288		62	6.0	11.5	519	29.5		
N828289		63	3.6	13.4	67	29.9		
N828290		58	3.6	11.0	930	27.4		
N828291		64	5.4	8.7	885	24.2		
N828292		2	0.1	0.9	21	<0.5		
N828293		57	2.9	11.6	950	25.9		
N828294		66	1.4	12.3	323	30.5		
N828295		66	1.5	11.9	432	30.0		
N828296		65	1.6	12.7	704	29.7		
N828297		67	1.8	12.0	110	29.2		
N828298		69	1.3	11.9	116	31.6		
N828299		70	1.4	12.4	109	33.0		
N828300		70	1.3	11.6	106	30.1		
N828301		73	2.2	11.9	980	31.4		



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**CERTIFICATE OF ANALYSIS WH12140558**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12140559**

Project: Klaza-67

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12140559**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828374		8.04	0.022	1.06	7.27	23.6	650	1.37	1.45	1.49	0.79	38.7	2.9	11	7.85	2.6
N828375		0.23	4.47	>100	5.60	8630	430	1.03	55.4	2.03	231	34.4	8.5	19	11.50	1270
N828376		10.90	3.07	23.1	5.82	933	1550	0.86	25.3	1.01	6.22	21.3	7.9	12	5.97	470
N828377		11.67	0.063	1.61	7.52	87.7	740	1.49	2.12	2.05	6.58	29.3	13.6	11	5.71	24.1
N828378		9.28	0.018	1.02	7.17	58.2	720	1.67	1.05	3.37	6.49	34.1	4.0	11	5.44	22.9
N828379		5.16	0.049	1.54	6.80	50.7	680	1.32	1.20	3.22	8.45	27.8	2.4	10	5.35	18.5
N828380		6.45	<0.005	0.21	6.89	9.5	440	1.45	0.27	3.39	0.46	31.9	2.2	10	10.30	3.4
N828381		7.62	<0.005	0.11	6.89	7.2	480	1.52	0.21	3.35	0.16	36.3	3.1	11	7.42	1.7
N828382		6.54	<0.005	0.08	7.02	5.3	1300	1.43	0.21	2.98	0.14	42.1	3.3	12	8.01	1.5
N828383		9.06	0.042	0.32	7.62	43.7	1400	1.33	0.28	1.70	1.07	54.1	3.1	11	15.25	2.7
N828384		0.23	0.784	10.05	6.83	1850	910	1.32	5.66	1.94	42.2	43.9	16.4	20	16.45	104.0
N828385		6.31	0.014	0.16	7.46	25.2	1110	1.37	0.18	2.19	0.26	44.7	5.5	13	11.85	1.5
N828386		10.13	0.061	1.51	7.24	89.2	1040	1.31	2.39	1.67	15.15	47.8	4.2	12	12.15	48.3
N828387		<0.02	0.048	1.84	7.45	100.5	1030	1.28	2.60	1.62	16.80	50.1	4.3	11	12.00	58.6
N828388		7.53	<0.005	0.09	7.25	7.6	1720	1.36	0.14	2.35	0.20	41.6	4.5	13	10.80	4.1
N828389		3.91	0.165	3.56	7.14	255	440	1.40	5.86	1.17	9.16	43.8	6.4	11	11.95	56.8
N828390		6.00	0.856	70.5	4.76	1295	340	0.92	52.6	2.42	56.6	25.7	7.6	10	10.15	701
N828391		4.41	<0.005	0.10	0.07	5	20	0.05	0.10	21.7	0.12	1.24	1.2	1	0.23	2.6
N828392		9.66	0.021	1.00	6.84	43.4	600	1.19	0.94	1.73	8.93	29.5	2.1	12	14.40	28.0
N828393		10.49	<0.005	0.23	6.49	10.4	390	1.19	0.37	4.17	0.43	22.8	2.8	10	7.74	2.7
N828394		4.38	0.039	0.97	7.56	44.9	550	1.34	1.30	1.67	15.80	25.7	4.8	10	7.64	12.1
N828395		5.23	1.050	7.15	6.93	341	200	1.21	11.45	0.76	22.5	22.4	9.7	9	7.63	145.5
N828396		4.00	<0.005	0.03	0.08	7	30	<0.05	0.04	21.5	0.10	1.27	1.2	1	0.19	1.7
N828397		11.95	0.010	0.66	6.62	18.9	490	1.22	0.90	2.57	1.13	19.65	2.4	9	7.94	23.5
N828398		11.68	0.010	0.51	7.01	15.8	500	1.34	0.50	2.89	3.13	21.4	2.2	10	11.75	40.0
N828399		12.51	0.018	0.52	6.74	18.4	470	1.46	0.60	3.20	5.97	24.6	2.0	10	8.15	38.1
N828400		12.67	0.009	0.88	7.37	21.0	510	1.42	1.03	2.20	2.79	31.6	6.7	13	6.93	5.8
N828401		8.26	<0.005	0.10	7.14	11.4	360	1.48	0.28	2.42	0.30	34.4	2.6	12	9.60	3.7
N828402		6.46	<0.005	0.21	7.21	7.6	640	1.56	0.33	3.41	0.17	42.5	2.9	12	7.99	3.8
N828403		4.75	0.038	0.71	7.22	99.5	620	1.39	1.24	2.28	4.80	38.0	3.8	11	7.30	8.8
N828404		0.23	4.34	>100	5.24	6660	1130	1.01	59.1	1.86	218	38.2	8.2	18	11.75	1225
N828405		7.51	0.164	9.12	6.41	280	610	1.32	6.49	1.57	47.9	43.0	6.0	11	8.55	54.6
N828406		6.95	0.009	0.41	6.64	25.6	530	1.20	0.52	2.35	3.18	39.0	2.1	10	9.83	5.6
N828407		4.29	1.660	12.00	4.02	324	280	0.99	20.1	0.85	21.8	32.7	9.8	12	13.10	111.5
N828408		4.66	0.198	3.76	5.32	313	390	1.11	3.64	2.15	57.0	44.8	4.5	10	10.55	35.4
N828409		4.45	0.272	29.8	5.46	489	5650	0.95	24.2	1.34	123.0	27.4	8.9	9	6.36	208



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**CERTIFICATE OF ANALYSIS WH12140559**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828374		2.15	15.20	0.11	1.0	0.170	2.63	14.0	32.2	0.61	1230	1.41	0.09	5.8	1.8	550
N828375		8.53	12.75	0.16	1.1	4.74	2.38	17.1	28.8	0.65	3140	16.50	0.08	5.5	11.8	470
N828376		9.84	13.45	0.19	0.8	0.376	2.64	7.4	8.4	0.47	1960	2.54	0.04	4.3	2.0	440
N828377		4.15	15.95	0.15	0.8	0.430	3.41	10.3	22.6	0.77	1880	0.51	0.05	4.8	2.2	500
N828378		2.58	15.75	0.13	0.8	0.405	3.18	12.0	26.2	0.78	1680	0.35	0.06	5.0	2.4	540
N828379		2.36	15.45	0.12	0.8	0.391	3.11	8.9	25.0	0.71	1650	0.24	0.07	5.0	2.1	570
N828380		1.87	16.55	0.12	1.1	0.185	1.52	11.0	42.6	0.42	916	0.36	0.11	6.6	1.9	600
N828381		2.48	15.40	0.12	1.1	0.119	0.89	12.7	36.9	0.71	753	0.28	1.93	7.0	2.1	580
N828382		2.92	15.50	0.12	1.2	0.072	1.59	17.2	16.4	0.74	584	0.57	2.12	7.8	2.6	570
N828383		3.08	15.20	0.15	1.2	0.063	2.29	28.3	49.4	0.63	878	1.93	0.15	7.5	2.0	570
N828384		5.43	14.35	0.16	1.5	0.906	2.91	22.3	24.4	0.71	2000	12.95	0.26	7.5	14.3	510
N828385		2.73	15.70	0.12	1.2	0.073	2.29	20.2	27.2	0.71	948	0.52	0.05	7.0	2.4	570
N828386		3.86	14.45	0.14	1.2	0.572	2.92	24.2	51.9	0.69	1120	1.23	0.18	6.9	2.2	540
N828387		4.08	14.95	0.16	1.2	0.723	2.97	26.0	53.0	0.70	1180	1.07	0.13	6.9	2.1	550
N828388		2.88	15.10	0.13	1.3	0.054	2.99	19.4	24.6	0.64	670	1.21	0.76	7.6	2.3	560
N828389		6.39	15.95	0.19	1.1	0.505	3.22	22.0	14.4	0.65	1860	2.97	0.04	6.8	2.5	530
N828390		9.57	10.70	0.17	0.6	0.849	2.04	13.1	20.1	0.70	2860	35.2	0.02	3.9	2.7	290
N828391		0.52	0.24	0.06	<0.1	<0.005	0.03	0.6	0.9	13.15	220	0.17	<0.01	0.2	2.6	180
N828392		3.02	15.10	0.11	0.9	0.475	2.77	11.3	50.7	0.77	1500	0.83	0.06	6.5	2.3	570
N828393		2.27	15.70	0.11	0.9	0.225	2.18	7.9	18.8	0.73	1140	0.84	0.27	6.8	2.1	580
N828394		3.71	16.60	0.13	0.9	0.514	3.29	10.4	38.7	0.76	1980	0.48	0.05	5.1	1.9	530
N828395		8.91	16.10	0.21	0.6	1.000	3.26	9.3	14.6	0.54	1560	1.54	0.04	3.3	1.6	440
N828396		0.49	0.27	0.06	<0.1	<0.005	0.03	0.6	0.9	13.10	219	0.16	<0.01	0.2	2.4	200
N828397		2.26	15.40	0.09	0.9	0.247	2.04	6.9	36.2	0.66	1130	0.39	0.43	4.9	1.3	500
N828398		2.33	16.05	0.11	1.0	0.253	1.98	7.6	44.6	0.75	1400	0.38	0.31	6.3	1.7	550
N828399		2.71	15.05	0.11	0.9	0.325	1.79	9.4	52.3	0.78	1480	0.28	1.48	6.7	1.4	540
N828400		2.86	15.30	0.12	0.9	0.295	2.13	11.7	149.5	0.73	1220	0.58	0.11	5.0	1.6	580
N828401		1.60	17.25	0.13	0.9	0.127	1.23	12.1	184.0	0.50	721	0.25	0.14	7.3	2.0	620
N828402		2.52	17.40	0.18	1.0	0.117	1.63	18.2	21.8	0.72	761	0.39	1.19	6.6	2.8	580
N828403		2.90	17.00	0.16	0.9	0.274	2.70	16.9	46.0	0.56	1230	0.29	0.06	6.1	2.5	560
N828404		7.78	11.75	0.18	1.0	4.54	2.16	19.5	30.0	0.60	2950	15.45	0.08	5.2	11.9	430
N828405		5.47	14.55	0.16	0.9	0.540	2.75	20.1	82.1	0.74	2780	0.75	0.04	5.4	2.7	470
N828406		2.74	14.75	0.13	0.8	0.255	2.27	14.6	268	0.91	1600	1.19	0.10	5.5	1.8	520
N828407		5.69	9.49	0.17	0.5	0.243	1.50	12.5	95.2	0.35	636	21.3	0.03	3.5	2.9	290
N828408		3.65	12.15	0.15	0.6	0.452	2.29	16.9	63.4	0.69	1930	4.97	0.04	4.5	1.8	430
N828409		6.88	12.30	0.19	0.6	0.648	2.46	12.9	32.9	0.60	1620	2.46	0.05	4.6	2.4	360



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Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12140559**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828374		31.4	175.0	<0.002	0.43	13.45	10.7	1	2.8	56.4	0.46	0.59	14.9	0.186	2.56	3.6
N828375		9660	137.0	<0.002	7.43	226	6.8	2	8.9	125.5	0.41	0.51	8.3	0.190	2.04	4.9
N828376		473	153.0	<0.002	9.01	109.0	7.7	1	7.3	64.0	0.36	0.91	8.5	0.148	2.53	2.9
N828377		167.0	213	<0.002	2.14	7.14	8.7	1	6.6	45.1	0.40	0.43	12.4	0.159	2.50	3.0
N828378		121.0	170.0	<0.002	0.41	8.61	9.5	1	4.0	74.3	0.39	0.16	12.9	0.169	2.54	3.8
N828379		124.0	145.5	<0.002	0.28	5.32	8.9	1	3.5	73.1	0.42	0.36	11.5	0.166	2.76	3.7
N828380		41.6	54.4	<0.002	0.13	19.60	10.4	1	2.8	126.5	0.53	0.05	11.2	0.217	1.48	3.7
N828381		15.2	32.1	<0.002	0.20	5.45	10.0	1	2.3	282	0.57	<0.05	11.2	0.225	0.90	3.3
N828382		17.1	56.3	<0.002	0.13	3.65	11.2	1	2.3	301	0.63	<0.05	11.0	0.245	1.00	3.3
N828383		52.6	116.5	<0.002	0.46	19.75	10.9	1	2.2	91.8	0.62	<0.05	14.9	0.246	1.72	5.0
N828384		1340	161.5	0.002	3.21	35.2	9.2	1	5.9	151.0	0.60	0.31	12.0	0.215	2.46	5.3
N828385		14.7	105.5	<0.002	0.45	18.80	10.5	1	2.2	77.2	0.59	<0.05	14.0	0.235	2.00	3.6
N828386		112.0	165.5	<0.002	1.21	16.35	9.9	1	3.9	102.5	0.56	0.10	14.0	0.223	2.27	4.9
N828387		110.5	178.0	<0.002	1.35	16.75	10.6	1	4.4	92.4	0.55	0.10	14.3	0.222	2.38	5.0
N828388		16.7	123.5	<0.002	0.13	7.33	10.1	1	2.1	189.5	0.67	<0.05	12.3	0.240	1.78	3.6
N828389		144.0	205	<0.002	4.32	21.6	10.3	1	5.6	44.6	0.54	0.11	13.6	0.219	3.17	3.9
N828390		>10000	126.0	0.005	9.58	239	5.7	2	6.8	57.7	0.32	0.52	7.5	0.133	2.05	4.2
N828391		15.6	1.6	<0.002	0.05	0.66	0.2	1	<0.2	51.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N828392		115.5	204	<0.002	0.56	23.0	8.9	1	3.6	63.1	0.47	<0.05	14.0	0.183	2.68	2.8
N828393		18.3	106.5	<0.002	0.23	6.35	8.8	1	3.3	112.0	0.55	<0.05	11.4	0.196	2.13	3.6
N828394		59.4	199.5	<0.002	0.83	6.67	9.0	1	4.8	44.6	0.45	0.11	13.3	0.189	2.80	2.8
N828395		175.0	212	<0.002	7.43	30.4	7.7	1	10.5	19.7	0.31	0.73	9.8	0.138	2.45	3.0
N828396		1.7	1.8	<0.002	0.03	0.11	0.1	1	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N828397		41.4	103.0	<0.002	0.41	12.25	7.9	1	3.7	125.0	0.42	0.26	11.9	0.175	1.88	2.8
N828398		84.8	93.9	<0.002	0.28	13.35	8.9	1	2.6	120.5	0.50	0.10	12.5	0.190	1.95	2.7
N828399		54.6	78.4	<0.002	0.21	12.20	8.8	1	2.5	215	0.55	<0.05	11.4	0.205	1.89	2.7
N828400		119.5	106.5	<0.002	0.61	15.30	9.0	1	3.3	89.8	0.46	0.18	14.3	0.178	2.05	3.4
N828401		14.8	51.9	<0.002	0.11	22.3	10.6	1	2.9	137.0	0.58	<0.05	11.1	0.216	1.27	2.5
N828402		10.9	86.9	<0.002	0.22	5.49	10.1	1	3.2	204	0.53	0.05	11.8	0.200	1.47	3.2
N828403		56.8	166.5	<0.002	1.39	8.11	9.0	1	5.2	74.2	0.52	0.14	12.4	0.196	2.42	2.6
N828404		9080	128.0	<0.002	6.79	202	7.2	2	8.9	122.0	0.40	0.47	7.9	0.170	1.97	4.7
N828405		1535	186.0	<0.002	3.26	17.05	8.9	1	6.8	63.6	0.47	0.26	11.7	0.165	2.44	2.9
N828406		59.8	135.5	<0.002	0.24	14.70	9.1	1	3.0	102.5	0.43	0.06	11.3	0.158	2.19	2.4
N828407		589	103.5	0.004	5.40	78.3	5.5	1	5.2	48.2	0.27	0.39	6.9	0.110	1.36	6.7
N828408		781	150.5	<0.002	1.65	48.8	7.7	1	5.7	58.5	0.33	0.21	8.9	0.144	2.24	5.5
N828409		5920	151.5	<0.002	5.67	27.7	6.9	2	13.2	120.0	0.40	0.31	8.3	0.145	2.29	2.7





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Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12140559**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N828374		67	1.0	11.4	102	25.4			
N828375		54	4.6	9.2	>10000	33.0	116		1.615
N828376		52	3.1	7.8	595	18.9			
N828377		72	2.4	9.6	631	20.7			
N828378		68	1.4	10.6	631	20.3			
N828379		65	1.3	9.6	841	20.3			
N828380		68	1.8	13.9	89	26.2			
N828381		66	1.0	14.1	55	26.1			
N828382		68	0.9	14.5	52	31.5			
N828383		68	3.3	16.0	136	30.1			
N828384		59	5.3	11.2	3060	39.1			
N828385		71	1.8	13.7	57	30.3			
N828386		62	3.7	12.0	1160	29.7			
N828387		63	3.9	12.0	1320	29.7			
N828388		67	1.8	13.7	49	33.7			
N828389		64	4.8	11.7	810	29.7			
N828390		44	5.6	7.8	4210	16.9		1.750	
N828391		2	0.1	0.8	24	<0.5			
N828392		67	2.8	11.4	697	21.6			
N828393		70	0.8	11.4	76	21.2			
N828394		67	2.7	9.2	1200	20.7			
N828395		60	4.3	6.5	1830	16.0			
N828396		2	0.1	0.8	23	<0.5			
N828397		62	1.0	9.3	121	21.6			
N828398		62	1.0	11.6	258	24.2			
N828399		50	2.2	10.4	452	25.0			
N828400		52	1.9	10.4	232	22.9			
N828401		58	2.1	13.9	60	24.5			
N828402		76	1.6	13.8	54	26.2			
N828403		66	2.4	11.2	382	23.9			
N828404		52	4.3	9.1	>10000	29.0	117		1.580
N828405		59	4.1	9.2	3660	26.4			
N828406		50	1.5	10.9	306	20.7			
N828407		39	2.9	7.4	1720	13.1			
N828408		51	2.5	9.7	4310	16.0			
N828409		52	5.3	8.4	8570	17.0			



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**CERTIFICATE OF ANALYSIS WH12140559**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12142070**

Project: Klaza - 67

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12142070**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828338		11.92	<0.005	0.12	6.76	9.0	2050	1.39	0.16	2.13	0.20	44.8	5.7	11	14.60	3.4
N828339		4.59	0.006	0.18	7.06	7.7	2070	1.22	0.27	2.57	0.25	43.3	4.6	10	10.05	6.2
N828340		<0.02	<0.005	0.21	7.18	7.2	2130	1.29	0.27	2.61	0.22	46.1	4.9	11	10.10	6.1
N828341		6.78	<0.005	0.16	7.18	8.5	2540	1.36	0.26	2.47	0.18	49.0	4.4	12	9.65	5.0
N828342		4.89	0.039	0.87	6.96	52.6	1810	1.29	0.54	1.96	0.98	52.2	4.6	9	13.00	5.9
N828343		5.89	0.074	1.59	7.17	83.9	1660	1.34	1.99	2.20	7.27	63.7	3.4	9	17.10	24.6
N828344		5.08	0.047	0.28	6.56	36.1	1860	1.23	0.27	2.72	1.28	55.9	3.9	9	11.75	6.2
N828345		0.25	0.790	9.09	6.24	1800	180	1.26	6.46	1.83	40.5	42.4	16.3	21	17.05	105.0
N828346		5.00	<0.005	0.13	6.95	11.2	2360	1.28	0.23	2.62	0.18	53.0	4.1	11	13.30	5.9
N828347		2.86	0.233	1.31	6.81	155.0	1740	1.24	1.80	1.64	5.20	80.7	4.5	8	10.30	21.0
N828348		9.15	0.070	1.54	6.90	114.5	1290	1.38	1.49	1.89	16.15	70.4	5.3	11	10.20	73.1
N828349		8.74	0.118	0.28	6.70	463	1760	1.35	0.27	2.04	1.00	41.6	4.9	9	13.25	7.5
N828350		4.51	0.237	3.56	6.69	189.0	310	1.26	3.37	1.75	19.75	54.9	4.0	11	14.25	48.6
N828351		8.45	0.026	0.70	7.23	24.0	2010	1.31	0.68	1.71	5.71	53.8	4.0	11	15.75	16.3
N828352		10.10	0.008	0.26	7.23	17.0	1690	1.24	0.21	2.04	0.54	51.5	4.7	10	15.75	2.9
N828353		12.66	<0.005	0.24	7.11	12.8	2250	1.37	0.45	2.60	0.40	53.2	3.8	11	12.25	6.5
N828354		8.53	0.040	1.06	6.90	40.3	1730	1.33	1.73	2.75	2.06	61.3	4.3	9	9.25	24.8
N828355		7.02	<0.005	0.18	7.04	5.9	1660	1.24	0.22	2.61	0.19	56.3	5.5	10	9.85	3.2
N828356		0.23	0.757	9.14	6.25	1810	230	1.26	6.33	1.83	40.5	43.5	16.1	20	16.85	102.0
N828357		6.45	<0.005	0.17	6.97	11.0	1430	1.26	0.29	3.32	0.20	52.3	4.4	10	8.98	5.3
N828358		11.78	0.007	0.28	6.50	22.4	1060	1.39	0.47	3.68	1.49	72.4	5.8	10	15.30	12.8
N828359		8.89	0.012	0.25	6.11	15.9	1240	1.18	0.41	5.23	0.15	64.2	4.5	8	10.00	4.3
N828360		9.29	0.009	0.45	6.27	23.6	760	1.19	0.86	2.31	1.96	47.8	6.2	9	9.53	4.8
N828361		3.88	0.305	2.19	5.84	422	540	1.09	2.66	1.91	30.6	36.6	9.4	9	8.22	47.5
N828362		2.44	<0.005	0.01	0.06	<5	20	<0.05	0.02	20.5	0.09	1.19	1.3	1	0.12	1.5
N828363		11.47	<0.005	0.17	6.78	14.2	940	1.36	0.26	2.19	0.23	43.0	4.2	9	8.97	8.9
N828364		11.93	<0.005	0.13	7.80	12.6	1830	1.19	0.16	1.53	0.13	38.2	3.3	9	12.15	3.6
N828365		5.82	<0.005	0.11	7.63	10.0	1130	1.11	0.14	0.60	0.10	50.7	4.0	8	9.75	14.3
N828366		2.80	<0.005	0.12	7.93	10.7	1110	1.20	0.14	0.69	0.10	55.0	4.2	8	10.40	2.2
N828367		5.33	<0.005	0.08	7.53	9.0	1120	1.10	0.18	1.05	0.12	45.3	3.3	8	9.95	2.4
N828368		4.57	<0.005	0.10	7.36	5.5	1310	1.54	0.17	2.62	0.10	46.9	4.3	8	15.05	3.5
N828369		9.33	<0.005	0.09	6.77	6.4	650	1.44	0.23	3.36	0.10	44.5	2.4	18	9.01	7.4
N828370		3.40	<0.005	0.41	6.46	11.2	490	1.42	1.17	3.21	0.11	30.3	7.8	8	13.80	4.0
N828371		3.30	0.005	0.49	6.79	9.4	1920	1.46	1.10	1.68	0.27	27.2	6.9	7	7.72	16.6
N828372		8.89	<0.005	0.33	7.48	13.4	830	1.49	0.55	1.39	0.78	36.0	2.5	9	10.10	36.9
N828373		2.84	<0.005	0.01	0.09	<5	20	0.06	0.03	20.8	0.05	1.31	1.4	1	0.20	4.3



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**CERTIFICATE OF ANALYSIS WH12142070**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828338		2.66	15.85	0.10	1.1	0.033	2.71	22.9	29.9	0.67	396	2.20	2.05	8.7	2.9	540
N828339		2.90	15.30	0.11	1.0	0.038	2.92	22.9	22.3	0.75	491	0.93	1.47	8.1	2.5	540
N828340		2.90	15.50	0.10	1.0	0.036	2.93	24.5	23.0	0.76	481	0.80	1.45	8.0	2.8	560
N828341		2.99	15.45	0.12	1.0	0.037	2.92	26.6	13.5	0.73	467	0.96	1.99	8.0	2.6	560
N828342		3.30	15.55	0.11	1.0	0.090	3.13	27.7	23.5	0.71	978	0.79	0.25	7.4	2.5	570
N828343		3.88	16.60	0.16	1.0	0.165	2.98	36.7	40.4	0.92	1360	1.60	0.06	7.5	3.5	540
N828344		2.90	16.10	0.16	1.0	0.081	2.99	29.0	17.0	0.87	1090	0.90	0.26	6.6	2.6	520
N828345		5.13	15.25	0.17	1.2	0.915	2.71	21.5	22.7	0.65	1900	12.40	0.26	7.7	15.0	480
N828346		2.88	16.45	0.17	0.9	0.048	2.94	25.3	22.8	0.72	532	0.62	0.68	6.8	2.4	560
N828347		4.44	16.15	0.19	0.9	0.189	3.08	45.2	26.3	0.81	1370	1.05	0.05	6.0	2.2	530
N828348		4.10	15.95	0.19	0.8	0.367	3.34	36.9	12.7	0.85	1870	2.09	0.04	5.8	2.7	540
N828349		2.68	15.70	0.16	1.0	0.083	2.81	19.2	72.7	0.69	1100	1.09	0.06	7.2	2.9	550
N828350		5.59	14.75	0.19	0.8	0.412	2.40	30.2	52.3	0.83	1570	1.06	0.03	6.7	2.6	500
N828351		3.32	16.45	0.17	1.0	0.101	2.82	27.1	57.3	0.59	653	4.94	0.59	8.3	2.4	580
N828352		2.98	16.10	0.19	1.0	0.065	2.69	25.9	46.4	0.64	690	0.89	0.57	8.2	2.6	600
N828353		2.90	16.25	0.19	1.1	0.053	3.08	25.4	14.5	0.61	663	0.98	1.48	8.4	2.6	570
N828354		3.07	15.70	0.19	0.9	0.105	2.64	28.6	16.4	0.60	779	0.92	0.85	6.6	2.9	550
N828355		2.79	15.55	0.18	1.1	0.047	2.25	26.1	17.8	0.69	432	0.55	1.42	7.6	2.9	570
N828356		5.12	14.45	0.19	1.2	0.902	2.66	22.4	22.6	0.65	1900	12.90	0.25	7.8	14.6	480
N828357		2.83	16.05	0.18	1.1	0.064	2.00	23.0	21.9	0.64	599	0.67	1.08	7.5	2.4	560
N828358		2.58	15.35	0.18	0.9	0.078	1.89	34.0	24.3	0.74	915	1.92	0.23	7.1	3.1	540
N828359		2.22	13.95	0.19	0.8	0.079	1.95	30.8	21.2	0.72	1140	2.57	0.09	5.8	2.3	490
N828360		3.04	14.65	0.18	0.9	0.144	2.41	19.1	20.1	0.61	1400	0.78	0.08	6.4	2.9	530
N828361		4.44	14.40	0.18	0.8	1.365	2.88	14.7	11.1	0.46	1940	1.74	0.05	6.0	3.0	480
N828362		0.45	0.25	0.12	<0.1	0.006	0.02	0.6	0.8	12.20	202	0.08	<0.01	0.2	3.1	150
N828363		2.81	17.00	0.16	1.1	0.081	2.04	17.7	33.8	0.57	803	0.70	0.13	7.7	2.6	560
N828364		2.74	18.85	0.19	1.3	0.053	2.10	17.1	41.1	0.40	420	1.32	0.08	9.5	2.3	650
N828365		2.66	16.25	0.17	1.2	0.038	1.63	26.4	43.9	0.31	520	0.83	0.05	8.5	2.2	600
N828366		2.73	17.30	0.18	1.2	0.039	1.67	28.3	47.9	0.33	531	0.83	0.05	9.4	2.5	660
N828367		2.47	16.35	0.18	1.1	0.047	1.71	21.8	41.0	0.35	483	0.55	0.07	8.8	2.1	620
N828368		2.93	16.35	0.20	1.2	0.059	1.84	21.8	20.7	0.59	407	0.77	1.67	9.1	2.7	610
N828369		1.53	16.05	0.17	1.1	0.120	1.09	19.0	22.6	0.49	496	0.35	1.34	8.5	2.3	570
N828370		1.76	16.95	0.17	1.0	0.173	1.21	10.0	33.6	0.46	592	0.98	0.29	8.2	2.9	570
N828371		1.90	15.95	0.15	1.0	0.234	1.43	9.7	36.0	0.50	687	1.17	0.11	7.0	2.1	600
N828372		1.72	16.10	0.18	1.0	0.161	2.19	12.6	23.7	0.52	950	0.37	0.13	7.4	2.0	590
N828373		0.46	0.35	0.20	<0.1	<0.005	0.02	0.6	0.9	12.35	205	0.13	0.01	0.3	3.3	170



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**CERTIFICATE OF ANALYSIS WH12142070**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828338		21.6	105.0	<0.002	0.08	3.15	9.1	1	1.6	295	0.76	<0.05	11.9	0.230	1.23	4.2
N828339		24.8	99.8	<0.002	0.10	3.64	8.7	1	1.3	254	0.69	<0.05	10.9	0.233	1.22	3.2
N828340		25.9	102.0	<0.002	0.10	3.67	9.2	1	1.3	259	0.68	<0.05	11.8	0.234	1.22	3.3
N828341		21.0	101.0	0.002	0.09	3.34	8.9	1	1.3	349	0.69	<0.05	11.6	0.232	1.14	4.2
N828342		56.5	149.5	<0.002	0.63	10.75	9.0	1	2.0	105.5	0.65	<0.05	11.6	0.214	2.28	5.4
N828343		340	165.5	<0.002	0.95	10.60	10.0	1	3.0	114.0	0.60	<0.05	15.0	0.222	2.35	6.2
N828344		61.3	130.5	<0.002	0.40	5.45	9.9	1	2.0	109.0	0.51	<0.05	12.6	0.194	2.15	6.6
N828345		1275	147.5	0.002	2.98	33.8	8.3	1	5.9	147.5	0.57	0.29	11.3	0.199	2.36	5.3
N828346		15.0	115.0	<0.002	0.14	6.42	10.0	1	1.4	158.0	0.52	<0.05	11.5	0.202	1.63	6.0
N828347		162.0	173.5	<0.002	1.39	8.55	9.5	1	3.3	61.1	0.45	0.09	14.0	0.172	2.50	5.5
N828348		197.5	185.0	<0.002	0.95	25.7	9.8	1	3.2	65.4	0.43	0.11	12.9	0.167	2.87	5.4
N828349		39.7	120.0	<0.002	0.36	20.5	9.5	1	1.8	100.5	0.57	<0.05	11.9	0.221	1.98	5.7
N828350		754	145.0	<0.002	2.51	18.85	9.2	1	5.1	89.1	0.49	<0.05	12.6	0.206	2.24	5.7
N828351		136.0	116.5	<0.002	0.25	19.25	10.4	1	2.1	159.0	0.59	<0.05	13.3	0.248	1.56	4.2
N828352		81.7	111.0	<0.002	0.17	17.15	10.5	1	1.6	163.0	0.60	<0.05	13.4	0.242	1.49	5.0
N828353		24.5	121.5	<0.002	0.21	5.58	10.0	1	1.9	277	0.61	<0.05	12.5	0.238	1.60	5.2
N828354		85.1	124.0	<0.002	0.66	15.95	10.4	1	2.0	148.5	0.50	0.07	13.1	0.194	1.64	7.2
N828355		17.8	88.0	<0.002	0.15	5.15	10.3	1	1.6	198.0	0.58	<0.05	14.2	0.216	1.06	4.3
N828356		1265	148.0	0.002	2.96	33.0	8.2	1	5.8	147.0	0.58	0.28	11.5	0.197	2.34	5.3
N828357		13.8	81.1	<0.002	0.24	5.03	10.4	1	2.1	179.5	0.57	0.05	12.2	0.209	1.08	4.4
N828358		37.0	80.2	<0.002	0.49	10.85	9.4	1	2.2	134.0	0.54	0.09	12.4	0.202	1.61	5.3
N828359		15.5	105.0	<0.002	0.60	16.80	8.7	1	2.3	179.5	0.45	0.11	11.6	0.177	1.72	4.2
N828360		59.2	128.0	<0.002	0.90	18.60	9.0	1	2.6	67.2	0.47	0.22	11.4	0.192	2.21	5.7
N828361		145.0	154.0	<0.002	3.09	16.45	8.5	1	4.9	55.5	0.42	0.22	10.4	0.173	2.64	4.7
N828362		1.3	1.3	<0.002	0.01	0.08	0.2	1	<0.2	43.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N828363		14.5	104.0	<0.002	0.20	15.70	9.3	1	2.3	73.7	0.61	<0.05	11.8	0.223	1.81	4.5
N828364		16.2	87.5	<0.002	0.06	20.0	11.4	1	2.2	88.6	0.73	<0.05	12.7	0.282	1.07	3.1
N828365		11.1	81.7	<0.002	0.07	32.6	10.8	1	1.9	64.0	0.63	<0.05	15.1	0.250	0.91	4.1
N828366		11.6	85.0	<0.002	0.08	34.1	11.9	1	2.1	69.7	0.68	<0.05	15.9	0.273	0.98	7.2
N828367		12.1	78.0	<0.002	0.08	28.7	10.9	1	2.0	76.1	0.66	<0.05	13.9	0.247	0.89	2.6
N828368		15.4	69.8	<0.002	0.06	5.24	10.6	1	2.6	276	0.68	<0.05	13.4	0.256	0.84	5.0
N828369		8.6	40.4	<0.002	0.12	4.75	9.4	1	2.7	227	0.67	0.05	11.4	0.241	1.05	4.1
N828370		9.2	44.5	<0.002	0.59	10.60	10.1	1	2.7	124.0	0.62	0.27	10.8	0.235	1.44	3.7
N828371		15.1	68.0	<0.002	0.78	16.00	10.7	1	2.5	80.7	0.55	0.18	12.7	0.215	1.61	2.3
N828372		33.5	118.0	<0.002	0.30	23.7	10.6	1	2.3	68.5	0.58	0.11	14.9	0.223	2.30	4.5
N828373		1.2	1.4	<0.002	0.02	0.10	0.2	1	<0.2	43.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6



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**CERTIFICATE OF ANALYSIS WH12142070**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828338		65	2.1	14.4	47	30.4
N828339		69	1.7	13.6	59	27.3
N828340		68	1.7	14.1	59	27.3
N828341		68	1.0	14.2	54	26.8
N828342		67	3.3	12.9	127	27.2
N828343		63	3.0	13.3	611	28.6
N828344		61	2.0	12.3	154	28.5
N828345		58	5.0	10.8	2920	39.6
N828346		66	1.3	13.9	58	26.0
N828347		62	3.7	10.8	485	25.3
N828348		63	2.6	11.9	1100	24.8
N828349		69	2.8	12.1	122	28.2
N828350		60	4.6	11.3	1560	23.5
N828351		70	2.4	14.5	462	30.3
N828352		70	3.0	15.2	84	31.0
N828353		68	1.4	15.0	75	30.8
N828354		70	1.4	13.4	210	27.0
N828355		65	1.3	14.8	59	30.5
N828356		57	5.0	10.9	2910	39.3
N828357		69	1.4	14.4	61	31.0
N828358		66	3.3	13.4	130	27.8
N828359		60	1.3	16.0	54	24.1
N828360		65	2.1	11.8	200	25.8
N828361		57	4.5	8.9	2300	24.7
N828362		2	0.1	0.7	17	<0.5
N828363		70	1.9	13.0	50	30.7
N828364		79	6.1	13.4	37	38.3
N828365		66	3.9	14.7	52	34.5
N828366		73	5.1	15.9	40	36.8
N828367		67	4.5	14.2	36	34.1
N828368		75	1.5	15.1	37	35.3
N828369		69	0.8	13.0	42	32.4
N828370		75	1.2	13.8	47	28.3
N828371		91	1.6	13.8	58	31.1
N828372		71	1.9	13.1	86	30.7
N828373		2	0.2	0.8	16	<0.5



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12142071**

Project: Klaza-68

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829158		2.79	0.010	1.12	8.02	25.3	1310	1.75	0.87	0.89	4.45	72.5	3.5	12	13.80	16.1
N829159		8.11	<0.005	0.17	6.06	11.3	1950	1.85	0.12	2.50	0.79	31.5	5.2	21	27.3	12.6
N829160		10.56	<0.005	0.13	6.76	6.5	1280	1.83	0.03	2.54	0.16	40.2	5.1	13	26.4	8.0
N829161		4.01	<0.005	0.07	6.18	8.5	1290	1.66	0.04	3.20	0.11	44.1	6.5	11	24.1	6.5
N829162		13.69	<0.005	0.04	7.33	8.6	1230	1.99	0.02	3.35	0.08	48.9	4.7	13	24.7	8.0
N829163		11.21	<0.005	0.10	7.27	12.7	1800	1.84	0.02	2.71	0.05	53.9	5.2	13	23.1	7.9
N829164		4.62	<0.005	0.05	7.39	9.7	1530	1.50	0.04	2.36	0.06	50.6	4.4	8	22.2	9.5
N829165		1.81	<0.005	0.04	6.95	9.7	1550	1.37	0.03	2.78	0.06	45.8	4.4	9	20.3	11.1
N829166		8.50	<0.005	0.12	7.22	18.7	1480	1.64	0.08	3.26	0.13	53.9	5.7	21	13.50	10.4
N829167		3.91	0.012	0.72	6.22	28.4	520	1.35	0.54	1.56	0.71	51.4	5.4	23	16.40	22.1
N829168		0.32	2.06	24.7	6.03	3680	740	1.18	20.2	2.18	77.1	46.2	10.5	18	13.45	445
N829169		5.00	0.186	3.04	7.72	65.1	1440	1.75	3.26	2.15	10.30	74.5	8.4	11	15.85	65.4
N829170		4.49	0.038	1.16	8.04	47.7	1350	1.63	0.94	1.15	12.85	61.3	3.4	8	12.90	30.0
N829171		4.27	0.788	41.5	6.77	547	670	1.22	67.3	0.93	70.8	57.0	6.7	9	6.91	749
N829172		3.19	<0.005	0.07	0.12	<5	30	0.08	0.07	21.3	0.14	1.56	0.6	<1	0.39	1.9
N829173		10.47	0.007	0.55	7.62	31.1	1800	1.64	0.87	1.55	3.25	67.1	4.4	7	12.45	9.1
N829174		8.64	0.011	0.41	7.64	17.7	1970	1.49	0.60	2.10	3.10	46.2	4.8	8	18.00	6.5
N829175		5.61	0.046	1.77	7.58	77.0	1380	1.51	1.34	2.00	21.4	60.2	4.7	7	17.40	26.0
N829176		7.02	0.007	1.18	7.65	16.5	1980	1.68	0.24	2.10	1.29	43.1	5.7	8	22.1	7.2
N829177		12.52	<0.005	0.12	8.04	8.8	2490	1.54	0.17	2.57	0.17	48.8	5.1	13	11.50	2.9
N829178		4.86	0.411	5.36	7.78	549	360	1.39	4.60	1.01	38.8	63.3	3.4	9	10.40	113.0
N829179		10.91	<0.005	0.32	8.16	22.6	2280	1.37	0.29	2.13	2.36	51.2	3.9	10	17.00	7.6
N829180		7.99	<0.005	0.24	7.50	24.0	1980	1.52	0.26	2.14	0.41	54.6	4.4	11	16.60	4.0
N829181		<0.02	<0.005	0.20	7.47	22.6	2010	1.41	0.21	2.18	0.39	49.1	4.4	10	16.35	4.7
N829182		4.02	<0.005	0.12	7.40	19.5	1780	1.33	0.21	2.42	0.81	58.1	3.1	9	15.05	2.4
N829183		13.41	<0.005	0.19	7.33	11.9	2610	1.37	0.17	2.58	0.14	47.0	3.9	12	17.90	4.2
N829184		13.05	<0.005	0.16	7.29	11.2	2290	1.30	0.19	2.15	0.25	47.2	4.6	12	14.40	3.8
N829185		6.98	<0.005	0.13	7.48	12.2	2030	1.36	0.18	2.72	0.21	53.7	4.4	11	12.55	3.7
N829186		0.29	0.760	9.66	6.66	1740	700	1.24	5.37	1.84	39.1	45.5	16.6	22	16.20	108.0
N829187		7.45	0.008	0.45	7.09	20.5	1240	1.42	0.27	2.95	6.50	52.8	5.8	11	11.70	10.2
N829188		4.61	0.070	3.36	6.94	124.0	520	1.30	2.81	0.33	50.4	66.5	3.7	11	9.20	37.8
N829189		4.75	5.19	34.0	7.20	1900	460	1.49	40.4	0.90	58.5	60.3	5.3	9	15.10	556
N829190		3.98	<0.005	0.08	0.09	<5	20	0.07	0.09	23.6	0.14	1.33	0.7	<1	0.17	2.0
N829191		6.55	0.061	1.07	8.99	259	1390	1.48	0.74	2.49	10.45	111.0	4.8	10	13.30	13.6
N829192		13.83	0.052	0.66	7.58	453	1780	1.49	0.58	3.33	11.35	60.1	2.9	9	8.32	7.3
N829193		4.62	0.007	0.29	7.39	53.7	1650	1.39	0.34	4.63	0.32	73.9	4.2	9	7.70	1.8



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Account: ROCKHA

Project: Klaza-68

**CERTIFICATE OF ANALYSIS WH12142071**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829158		3.31	16.50	0.15	1.1	0.288	3.09	45.4	19.2	0.39	2470	1.64	0.25	6.9	3.2	590
N829159		2.36	18.85	0.15	2.6	0.027	2.68	15.5	37.0	0.24	628	0.82	0.05	9.2	11.4	740
N829160		2.44	18.05	0.16	1.8	0.031	2.69	18.0	27.2	0.45	700	0.35	0.05	8.7	6.0	830
N829161		2.07	15.65	0.17	1.5	0.021	2.26	19.9	36.5	0.54	687	0.29	0.04	7.8	6.5	760
N829162		2.35	18.35	0.15	1.8	0.025	2.66	23.7	31.0	0.86	629	0.37	0.06	8.7	5.8	880
N829163		2.26	18.15	0.15	1.8	0.031	2.78	25.2	22.0	0.79	579	0.73	0.06	8.9	6.1	860
N829164		2.19	16.35	0.14	1.3	0.022	2.14	24.9	166.5	0.69	512	2.10	0.08	8.7	5.0	560
N829165		2.27	16.00	0.16	1.4	0.026	2.21	22.5	186.5	0.79	557	1.65	0.10	8.7	5.8	620
N829166		2.21	18.15	0.13	3.0	0.023	1.48	27.4	314	0.99	641	1.34	0.09	8.7	14.9	630
N829167		1.87	14.30	0.13	3.4	0.043	1.51	27.4	180.0	0.59	658	4.87	0.06	7.4	14.2	420
N829168		6.51	13.15	0.13	0.9	1.565	2.70	24.4	25.4	0.89	1890	11.75	0.04	5.5	15.4	440
N829169		4.17	16.45	0.12	1.6	0.260	2.70	47.0	88.6	1.06	2480	9.77	0.06	7.3	10.2	570
N829170		4.05	15.80	0.14	1.2	0.568	2.83	37.0	109.0	0.79	2440	3.95	0.06	6.7	2.9	600
N829171		7.07	15.50	0.10	1.4	1.380	2.67	31.8	76.6	0.61	1840	3.83	0.04	6.0	4.9	500
N829172		0.50	0.30	0.14	<0.1	0.006	0.05	0.8	2.3	12.70	227	0.09	<0.01	0.2	2.2	180
N829173		3.51	15.65	0.18	1.1	0.142	2.85	39.4	42.1	0.64	1090	3.97	0.06	6.6	2.8	570
N829174		3.93	15.55	0.12	1.2	0.095	3.08	25.2	54.9	0.73	1050	1.94	0.38	7.3	2.7	610
N829175		4.52	14.80	0.09	1.1	0.304	2.36	33.8	56.2	0.81	1980	1.26	0.04	6.6	3.1	580
N829176		3.28	16.50	0.13	1.0	0.086	2.83	21.8	39.1	0.64	889	1.26	0.69	7.9	3.1	610
N829177		3.24	15.25	0.15	1.2	0.028	2.79	25.7	13.3	0.77	504	1.75	2.36	7.5	3.0	600
N829178		5.99	15.70	0.11	1.1	0.920	3.50	34.0	8.8	0.63	1760	2.90	0.05	6.4	2.8	580
N829179		3.53	15.20	0.14	1.0	0.062	3.02	25.8	29.5	0.72	788	1.75	0.66	7.6	2.5	680
N829180		3.31	16.05	0.09	1.0	0.034	2.76	25.3	32.4	0.76	673	2.41	0.49	7.4	3.1	620
N829181		3.34	16.50	0.08	1.0	0.037	2.78	22.3	31.8	0.76	676	2.71	0.51	7.5	3.2	630
N829182		3.00	15.15	0.08	0.9	0.045	3.03	27.5	37.3	0.82	829	3.68	0.05	6.9	2.9	590
N829183		2.78	16.85	0.06	1.0	0.038	2.93	24.1	15.9	0.64	547	1.54	1.81	7.2	2.6	590
N829184		2.72	16.80	0.09	1.1	0.038	2.78	23.5	15.8	0.61	486	1.34	1.57	7.3	2.8	580
N829185		2.76	16.05	0.09	1.2	0.041	2.64	28.0	8.5	0.73	525	1.28	2.00	7.2	2.5	570
N829186		5.17	15.10	0.15	1.3	1.000	2.75	24.2	23.1	0.67	1980	11.90	0.25	7.1	15.9	490
N829187		2.68	16.25	0.10	1.0	0.127	2.43	29.5	10.5	0.67	1020	1.65	1.18	6.5	3.5	550
N829188		4.78	17.00	0.14	0.9	1.315	3.17	38.9	5.0	0.44	3970	0.96	0.04	6.0	2.4	530
N829189		6.89	15.95	0.11	0.8	1.530	3.03	28.1	18.8	0.51	1780	3.94	0.03	6.4	3.0	540
N829190		0.53	0.21	<0.05	<0.1	<0.005	0.03	0.6	1.2	14.55	235	0.18	0.01	0.2	2.0	190
N829191		3.67	18.20	0.16	1.2	0.217	3.69	68.1	96.8	1.04	1800	3.93	0.10	7.1	2.8	680
N829192		2.82	18.00	0.13	1.1	0.328	3.37	28.2	64.5	1.11	1750	1.05	0.12	6.2	2.0	630
N829193		2.73	18.60	0.11	1.1	0.154	2.83	36.0	69.3	1.54	1510	9.47	0.14	6.7	2.5	660



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Account: ROCKHA

Project: Klaza-68

**CERTIFICATE OF ANALYSIS WH12142071**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829158		195.0	194.0	<0.002	0.36	9.05	10.2	<1	3.0	84.2	0.57	0.10	14.8	0.210	2.98	5.2
N829159		20.4	103.5	0.002	0.06	12.50	4.8	1	1.5	120.5	0.75	<0.05	5.9	0.263	1.36	3.1
N829160		19.2	95.9	<0.002	0.03	12.55	5.1	1	1.2	110.5	0.71	<0.05	6.5	0.275	1.31	4.0
N829161		26.1	78.0	<0.002	0.04	31.3	4.8	<1	1.2	133.0	0.57	<0.05	6.3	0.242	1.11	4.8
N829162		19.5	86.2	<0.002	0.02	10.60	5.5	1	1.3	201	0.69	<0.05	7.7	0.274	1.34	4.1
N829163		16.2	92.6	<0.002	0.11	4.78	5.6	1	1.4	213	0.68	<0.05	8.3	0.277	1.43	4.8
N829164		9.1	79.7	0.002	0.04	9.95	5.5	1	1.4	177.0	0.57	<0.05	9.7	0.238	1.17	2.5
N829165		10.3	80.4	<0.002	0.04	7.57	5.6	1	1.4	218	0.59	<0.05	8.6	0.248	1.30	2.5
N829166		19.6	52.7	<0.002	0.15	7.86	5.8	1	1.4	504	0.72	<0.05	9.5	0.252	1.14	7.9
N829167		44.7	65.2	0.003	0.21	21.6	5.0	<1	1.8	339	0.60	<0.05	9.7	0.213	1.03	7.7
N829168		2660	162.5	<0.002	4.76	85.2	7.5	<1	7.1	91.6	0.45	0.37	10.4	0.182	2.42	5.3
N829169		239	161.0	0.002	0.75	19.70	9.6	<1	4.1	256	0.63	0.08	13.9	0.223	2.56	6.5
N829170		278	172.5	0.002	0.58	6.73	10.1	1	3.9	119.5	0.59	<0.05	14.5	0.218	2.55	4.9
N829171		1520	176.0	0.002	5.25	139.0	7.8	<1	7.3	82.2	0.54	0.74	12.2	0.188	2.80	4.2
N829172		3.1	2.6	<0.002	0.02	0.19	0.2	<1	0.2	44.9	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829173		99.4	151.5	<0.002	0.76	11.20	10.0	<1	2.4	87.6	0.59	0.14	14.4	0.203	2.37	7.3
N829174		75.5	127.0	<0.002	0.19	7.72	9.7	1	2.2	194.0	0.65	<0.05	12.4	0.243	1.88	3.8
N829175		470	137.5	<0.002	1.17	17.80	9.6	1	3.5	139.0	0.55	0.05	12.7	0.221	2.00	7.0
N829176		79.7	112.0	<0.002	0.14	11.15	9.5	<1	2.1	181.0	0.62	<0.05	9.9	0.255	1.60	2.7
N829177		18.5	117.0	<0.002	0.04	2.61	10.4	1	1.6	407	0.63	<0.05	12.2	0.257	1.30	3.7
N829178		660	221	<0.002	3.76	19.90	10.3	1	8.6	29.9	0.50	0.08	12.4	0.215	3.03	5.1
N829179		67.9	124.5	<0.002	0.23	8.06	10.3	1	2.1	169.0	0.62	<0.05	11.8	0.269	1.73	4.6
N829180		19.8	100.5	0.002	0.29	8.29	11.0	1	1.8	163.0	0.58	<0.05	11.1	0.254	1.74	4.9
N829181		18.3	96.1	0.002	0.28	8.44	11.0	1	2.0	165.5	0.58	<0.05	10.2	0.255	1.73	4.4
N829182		13.1	118.5	<0.002	0.13	9.05	10.7	1	1.9	82.0	0.52	0.07	10.8	0.247	2.03	5.7
N829183		18.4	102.5	<0.002	0.05	5.15	9.5	1	1.7	325	0.55	<0.05	10.8	0.244	1.31	3.7
N829184		17.4	105.5	<0.002	0.06	5.11	9.6	1	1.7	270	0.56	<0.05	11.0	0.236	1.18	3.1
N829185		15.6	119.0	<0.002	0.11	2.19	9.7	1	1.7	335	0.56	<0.05	12.6	0.234	1.34	3.8
N829186		1315	160.5	0.002	3.09	32.8	8.3	1	5.7	147.5	0.57	0.37	11.8	0.198	2.33	5.2
N829187		177.5	132.0	<0.002	0.35	2.90	9.8	1	2.2	224	0.52	<0.05	12.2	0.200	1.96	4.3
N829188		966	213	<0.002	2.40	8.38	9.7	1	5.8	11.9	0.50	<0.05	14.8	0.188	3.14	4.9
N829189		1525	189.5	<0.002	6.06	125.0	11.0	1	9.8	96.9	0.42	0.30	12.3	0.221	3.01	4.0
N829190		3.8	1.5	<0.002	0.02	0.15	0.2	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.02	0.8
N829191		437	204	0.002	1.22	10.50	11.9	1	2.9	90.0	0.63	0.06	15.8	0.241	3.82	4.5
N829192		211	132.5	<0.002	0.62	8.34	10.7	1	2.5	105.5	0.57	0.06	12.0	0.211	3.68	4.0
N829193		93.0	103.5	0.007	0.67	4.14	11.4	1	2.8	125.0	0.55	0.06	11.4	0.220	3.01	4.4



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**CERTIFICATE OF ANALYSIS WH12142071**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N829158		68	3.9	13.9	379	25.7
N829159		53	2.3	8.0	118	76.5
N829160		52	2.2	9.5	75	43.7
N829161		47	2.4	11.2	66	38.4
N829162		51	2.1	11.4	62	41.9
N829163		51	5.1	12.0	62	46.1
N829164		47	2.1	10.6	50	32.2
N829165		49	2.2	11.4	54	35.2
N829166		49	2.3	12.5	62	97.5
N829167		43	3.2	11.5	100	121.0
N829168		58	4.9	9.8	5330	22.3
N829169		66	5.0	14.7	879	44.8
N829170		66	5.6	13.0	1100	27.6
N829171		52	6.8	8.6	5480	38.3
N829172		3	0.1	1.0	23	<0.5
N829173		65	2.1	15.3	385	27.0
N829174		69	3.3	13.8	282	26.4
N829175		61	5.4	14.3	1670	24.3
N829176		71	1.9	13.7	138	26.2
N829177		70	1.0	16.3	48	29.0
N829178		68	5.2	9.2	3070	24.6
N829179		75	2.0	14.6	300	23.9
N829180		69	3.4	13.9	83	31.2
N829181		70	3.2	13.7	79	30.8
N829182		72	2.1	16.0	191	28.5
N829183		68	1.2	14.3	67	26.7
N829184		66	1.8	14.8	79	27.6
N829185		65	0.9	15.0	76	29.0
N829186		56	4.9	11.5	2960	37.2
N829187		64	1.2	14.0	542	25.4
N829188		62	5.1	8.2	3570	23.5
N829189		69	7.7	10.7	4070	29.4
N829190		3	0.1	0.8	25	<0.5
N829191		85	3.3	13.9	819	36.5
N829192		78	2.2	11.7	819	32.7
N829193		79	1.6	12.9	91	32.9



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Project: Klaza-68

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Finalized Date: 8-JUL-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12142071**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12144362**

Project: Klaza TR-12-8

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 10-JUL-2012  
Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144362**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829916		1.90	0.085	0.77	7.40	51.5	1160	1.45	1.63	0.23	0.37	64.6	3.3	10	17.50	85.3
N829917		2.93	0.091	0.87	7.20	71.2	1260	1.48	1.49	0.21	0.36	68.7	2.9	11	17.05	83.1
N829918		3.27	0.054	0.60	7.42	48.3	940	1.54	1.80	0.13	0.25	65.4	3.4	11	17.50	80.3
N829919		2.80	0.056	0.43	7.35	29.3	1850	1.65	1.05	0.44	0.36	44.4	3.7	13	13.50	58.9
N829920		3.89	0.042	0.55	7.62	54.9	1930	1.57	1.10	0.14	0.55	76.5	4.0	9	16.35	118.0
N829921		2.65	0.057	0.95	7.65	51.1	1710	1.28	1.59	0.05	0.37	65.8	2.6	10	12.80	63.9
N829922		2.83	0.106	1.21	7.11	92.2	1340	1.36	2.16	0.04	0.24	55.0	3.2	10	17.85	93.1
N829923		1.83	2.15	50.3	3.67	1665	640	2.29	143.0	0.04	2.65	147.0	5.1	21	8.06	765
N829924		2.59	<0.005	0.04	0.08	<5	20	0.07	0.12	20.8	0.06	1.29	1.3	2	0.26	2.8
N829925		2.17	0.135	2.76	7.34	99.4	1140	1.73	6.00	0.10	0.41	51.5	2.3	11	18.90	83.6
N829926		3.21	0.053	0.93	7.70	69.2	1270	1.88	1.26	0.34	0.67	60.1	3.3	9	16.35	107.5
N829927		2.65	0.066	1.28	7.54	83.9	800	1.88	1.84	0.25	0.45	53.2	2.7	11	16.80	112.0
N829928		1.96	0.055	1.03	7.98	44.0	770	1.58	1.77	0.13	0.34	69.4	1.6	10	18.60	57.8
N829929		2.37	0.077	0.93	7.52	38.3	720	1.81	1.15	0.28	0.56	70.1	2.5	11	17.20	87.3
N829930		0.21	0.757	9.56	6.54	1765	960	1.60	5.61	1.91	41.5	44.7	17.0	21	16.65	106.5
N829931		1.58	0.091	1.09	7.21	88.3	2020	1.80	1.68	0.28	0.89	47.3	5.4	13	15.05	85.2
N829932		2.13	0.474	1.07	7.40	87.3	2090	1.79	2.21	0.41	0.75	57.5	4.6	11	15.35	97.5
N829933		3.47	0.309	1.10	7.52	106.5	1820	1.74	2.33	0.31	0.79	66.2	5.3	12	17.20	115.0
N829934		1.90	0.269	1.28	7.09	304	790	1.68	4.12	0.14	1.24	85.4	2.3	8	31.1	124.0
N829935		2.47	0.814	7.28	6.75	216	1090	1.30	24.4	0.05	0.55	56.5	2.2	10	7.86	16.6
N829936		4.09	0.088	1.60	7.34	131.0	1530	1.25	2.73	0.14	0.68	62.9	3.6	9	17.25	64.3
N829937		2.99	0.219	5.48	6.98	165.0	1030	1.43	3.95	0.10	0.87	69.5	4.8	12	15.95	106.0
N829938		2.29	0.058	1.38	7.08	64.1	1600	1.27	1.96	0.12	0.69	64.7	3.8	13	17.05	55.5
N829939		3.80	0.257	0.73	7.19	44.9	1880	1.70	2.83	0.34	0.71	42.7	6.2	11	11.45	106.5
N829940		3.13	0.054	0.59	7.30	45.9	1710	2.08	1.31	0.41	0.86	47.6	7.5	14	13.65	132.5
N829941		2.86	0.025	0.30	8.14	30.3	2160	1.36	0.68	0.22	1.05	41.2	4.5	9	13.50	54.2
N829942		2.34	0.022	0.41	7.97	25.3	1720	1.53	0.83	0.07	3.74	54.2	9.6	12	10.90	63.0
N829943		3.12	0.653	1.06	7.99	96.6	980	2.49	1.86	0.11	5.86	69.7	12.7	10	29.0	225
N829944		1.99	0.043	0.73	7.28	122.0	710	1.99	1.40	0.13	4.12	76.7	5.4	9	28.0	164.0
N829945		4.99	0.721	8.83	7.37	139.0	830	1.31	5.23	0.06	0.79	57.1	0.8	10	10.50	17.7
N829946		2.58	0.141	1.30	7.21	368	760	1.40	2.53	0.13	3.13	57.8	2.1	8	17.35	46.9
N829947		2.35	0.067	0.31	7.88	213	2090	1.47	0.71	0.12	3.13	42.3	5.2	9	14.75	54.0
N829948		2.69	0.206	0.56	7.87	160.0	1700	2.17	1.10	0.08	6.48	54.5	10.9	9	21.1	143.5
N829949		2.45	8.89	10.75	7.07	247	2300	2.30	2.54	0.09	4.69	56.3	10.5	9	22.5	238
N829950		3.42	1.695	4.62	7.01	113.0	1820	1.55	5.88	0.11	2.66	53.7	3.2	9	24.9	35.0
N829951		2.98	0.189	0.61	7.99	153.0	970	2.63	0.82	0.11	5.25	62.0	8.7	9	31.5	81.3





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Plus Appendix Pages  
Finalized Date: 10-JUL-2012  
Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144362**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829916		3.80	17.75	0.17	1.2	0.122	2.57	34.8	16.4	0.38	113	1.45	1.03	5.9	2.2	580
N829917		4.22	18.05	0.19	1.2	0.118	2.54	37.5	23.9	0.37	106	1.48	0.77	6.0	2.3	620
N829918		3.50	17.90	0.20	1.2	0.120	2.69	33.4	13.5	0.35	69	1.22	1.04	5.2	1.8	490
N829919		3.71	17.60	0.19	1.3	0.090	2.72	24.7	11.0	0.68	220	1.37	1.70	7.7	2.6	570
N829920		4.20	17.65	0.20	1.3	0.150	3.04	42.8	13.2	0.37	149	1.43	0.55	7.3	2.3	620
N829921		3.58	18.45	0.19	1.2	0.236	2.95	35.5	18.6	0.19	112	2.34	0.09	7.1	1.8	550
N829922		4.02	17.25	0.19	1.2	0.326	2.85	31.9	14.8	0.26	153	2.22	0.07	5.2	1.6	420
N829923		15.85	11.20	0.42	0.6	22.4	1.48	110.0	10.4	0.13	69	36.9	0.06	1.5	3.1	2670
N829924		0.50	0.30	0.08	<0.1	0.019	0.03	0.7	1.1	12.35	204	0.14	<0.01	0.3	1.5	170
N829925		3.65	19.10	0.19	1.1	0.549	3.06	30.2	11.9	0.38	105	3.82	0.22	4.7	1.7	590
N829926		4.25	18.80	0.20	1.1	0.233	2.21	32.9	12.1	0.64	173	1.35	1.44	6.1	2.4	750
N829927		3.86	18.15	0.19	1.0	0.224	2.26	30.2	8.0	0.36	119	2.84	1.74	4.9	1.8	560
N829928		2.50	19.90	0.17	1.1	0.177	2.35	38.9	23.1	0.33	70	0.93	0.35	5.4	1.5	360
N829929		3.37	18.00	0.18	1.1	0.130	1.91	41.4	14.6	0.43	101	1.24	1.53	5.7	1.9	590
N829930		5.36	15.60	0.22	1.2	0.843	2.83	23.2	27.1	0.71	1920	12.95	0.27	8.3	15.1	490
N829931		4.62	17.25	0.19	1.1	0.112	2.30	25.6	10.3	0.34	136	1.86	1.78	5.8	2.3	640
N829932		4.52	17.85	0.20	1.3	0.168	2.91	35.5	11.2	0.44	159	2.09	1.69	7.0	2.6	610
N829933		4.86	17.90	0.21	1.2	0.187	3.09	39.9	14.6	0.36	169	2.45	1.23	6.2	2.7	670
N829934		5.30	18.55	0.24	1.3	0.496	3.11	50.5	10.8	0.33	121	1.84	0.06	5.3	1.6	550
N829935		2.90	18.00	0.19	1.1	0.224	3.50	31.9	7.9	0.32	112	4.35	0.09	4.9	1.0	260
N829936		4.38	18.45	0.20	1.1	0.236	2.96	34.4	19.6	0.25	140	3.59	0.09	5.2	2.0	640
N829937		3.90	16.85	0.19	1.2	0.360	2.76	38.0	34.0	0.21	174	3.46	0.10	7.0	1.9	720
N829938		3.08	16.25	0.18	1.0	0.144	2.51	34.8	21.1	0.28	164	1.93	0.08	4.4	1.5	530
N829939		3.79	16.40	0.19	1.1	0.159	2.84	26.0	12.0	0.40	240	3.62	1.08	6.4	2.8	530
N829940		4.23	17.10	0.21	1.1	0.124	2.54	27.6	13.6	0.51	299	1.91	2.07	7.8	2.8	610
N829941		3.58	18.20	0.19	1.4	0.087	3.13	27.0	29.1	0.33	207	1.35	0.44	9.2	2.5	420
N829942		3.74	17.25	0.19	1.3	0.113	2.91	28.4	39.0	0.12	547	1.72	0.11	8.6	2.6	580
N829943		6.20	16.95	0.26	1.1	0.234	3.22	37.3	11.4	0.24	691	2.29	0.05	7.8	4.6	680
N829944		6.88	16.60	0.25	1.2	0.647	2.99	45.3	7.4	0.22	376	2.79	0.03	8.0	2.7	760
N829945		1.92	19.30	0.15	1.4	0.734	3.29	31.4	9.5	0.22	183	1.63	0.04	8.2	1.1	200
N829946		4.73	17.15	0.23	1.3	0.640	3.08	33.3	6.4	0.24	255	2.54	0.03	8.5	1.6	400
N829947		4.31	18.00	0.21	1.4	0.162	3.12	24.4	24.3	0.18	315	1.42	0.10	8.4	2.8	540
N829948		4.01	18.10	0.21	1.3	0.270	3.30	29.6	17.9	0.22	492	1.80	0.06	7.7	3.6	570
N829949		5.13	17.20	0.23	1.1	0.325	3.01	31.9	14.5	0.33	417	2.19	0.04	5.4	3.0	650
N829950		2.72	17.60	0.19	1.1	0.296	2.97	30.2	14.3	0.33	294	2.10	0.04	6.4	1.7	320
N829951		3.71	17.95	0.21	1.2	0.150	2.88	33.3	27.3	0.26	530	1.77	0.03	8.7	3.8	650



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 Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144362**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829916		65.2	133.5	<0.002	0.44	21.4	11.6	2	3.8	128.0	0.46	0.43	14.9	0.207	1.84	2.9
N829917		61.7	133.5	<0.002	0.60	18.70	11.4	2	3.8	120.5	0.48	0.37	15.7	0.210	1.84	2.7
N829918		56.5	147.0	<0.002	0.40	18.80	11.1	3	4.0	104.5	0.42	0.60	15.4	0.180	2.11	2.3
N829919		42.8	127.0	<0.002	0.22	4.92	11.8	2	3.1	222	0.56	0.22	14.6	0.238	1.59	3.0
N829920		57.0	138.0	<0.002	0.40	8.08	12.0	2	2.8	154.0	0.60	0.13	17.7	0.228	2.03	4.9
N829921		81.2	131.5	<0.002	0.48	14.05	10.4	2	3.3	91.8	0.53	0.36	15.7	0.232	1.93	3.3
N829922		66.5	142.5	<0.002	0.37	19.40	10.1	2	4.3	49.5	0.40	0.42	13.9	0.182	2.41	2.7
N829923		2200	69.3	0.002	0.77	423	10.0	8	8.1	358	0.09	2.07	35.1	0.045	1.14	15.4
N829924		3.1	1.6	<0.002	0.03	0.41	0.3	1	<0.2	40.4	<0.05	<0.05	0.2	<0.005	0.02	1.3
N829925		228	166.5	<0.002	0.42	19.30	11.7	2	5.8	130.5	0.36	0.49	14.8	0.173	3.00	3.9
N829926		71.7	117.0	<0.002	0.29	8.39	13.4	2	4.2	202	0.43	0.29	15.1	0.218	1.84	5.2
N829927		85.0	127.0	<0.002	0.20	9.16	11.4	2	5.2	215	0.39	0.48	14.7	0.180	1.90	3.5
N829928		85.4	137.0	<0.002	0.23	7.89	11.8	2	5.4	72.6	0.44	0.32	10.0	0.189	1.99	2.4
N829929		60.1	100.0	<0.002	0.20	5.23	11.4	1	3.4	188.5	0.46	0.26	15.9	0.189	1.53	3.5
N829930		1280	158.0	0.002	3.23	32.6	8.8	2	5.8	148.5	0.58	0.30	11.3	0.216	2.37	5.0
N829931		81.1	126.0	<0.002	0.26	4.47	9.8	2	3.8	209	0.44	0.37	15.1	0.195	1.66	3.1
N829932		96.9	133.5	<0.002	0.27	5.64	11.0	2	4.0	250	0.55	0.60	17.2	0.223	1.70	3.6
N829933		126.0	148.0	<0.002	0.46	7.18	11.3	2	4.1	210	0.49	0.43	18.9	0.216	1.95	3.7
N829934		129.5	188.5	<0.002	0.54	18.35	10.1	2	6.5	108.5	0.43	1.77	17.3	0.181	3.04	2.9
N829935		633	188.0	<0.002	0.65	17.60	9.0	3	11.8	64.6	0.40	1.16	11.9	0.168	2.39	1.5
N829936		116.5	151.5	<0.002	0.87	16.95	10.7	2	4.4	144.0	0.43	0.45	17.1	0.188	2.46	2.9
N829937		975	153.0	<0.002	0.49	27.6	10.2	2	4.8	164.0	0.55	0.36	19.0	0.225	2.47	4.1
N829938		167.5	146.0	<0.002	0.61	10.80	9.4	2	3.3	141.0	0.35	0.46	14.0	0.146	2.47	2.8
N829939		73.7	131.5	<0.002	0.16	5.69	10.2	2	3.9	174.5	0.47	0.91	12.9	0.210	1.81	4.0
N829940		61.5	119.0	<0.002	0.14	4.23	11.4	2	3.5	233	0.56	0.32	15.0	0.238	1.52	4.7
N829941		31.5	132.5	<0.002	0.06	6.98	12.2	1	2.9	107.5	0.70	0.10	15.4	0.277	1.55	5.6
N829942		44.5	126.5	<0.002	0.06	9.32	10.8	1	3.2	68.9	0.67	0.25	14.8	0.260	1.71	7.2
N829943		196.5	166.5	<0.002	0.13	9.91	12.8	2	4.5	32.3	0.56	0.42	15.3	0.249	3.21	12.3
N829944		248	162.5	<0.002	0.19	7.86	11.7	1	4.9	32.6	0.63	0.21	17.5	0.235	3.43	10.2
N829945		1235	197.0	<0.002	0.15	15.60	10.6	1	13.5	45.6	0.70	0.13	8.4	0.227	3.99	2.1
N829946		436	186.0	<0.002	0.37	11.45	10.6	1	7.1	62.0	0.71	0.17	11.3	0.231	3.71	3.1
N829947		52.7	156.0	<0.002	0.13	7.43	11.4	1	2.6	81.4	0.70	0.17	17.2	0.228	2.24	4.9
N829948		82.9	191.5	<0.002	0.09	8.24	12.6	2	3.6	43.3	0.63	0.21	15.4	0.215	3.06	7.1
N829949		227	220	<0.002	0.16	15.40	12.0	2	4.3	48.5	0.44	5.13	15.2	0.174	4.02	6.7
N829950		745	217	<0.002	0.27	17.10	12.2	2	8.0	57.9	0.50	0.66	10.1	0.204	3.59	2.8
N829951		122.5	190.0	<0.002	0.13	19.75	15.5	2	2.5	72.4	0.66	0.18	15.3	0.262	3.47	18.0



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 Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144362**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N829916		72	2.8	11.9	180	34.9
N829917		70	3.0	12.7	186	36.1
N829918		70	3.1	12.4	159	33.9
N829919		75	2.0	10.8	140	37.6
N829920		68	2.5	14.2	266	37.6
N829921		70	2.8	9.6	223	36.5
N829922		70	3.3	9.3	289	35.1
N829923		78	2.6	13.0	1060	28.7
N829924		2	0.1	0.7	15	<0.5
N829925		74	3.6	9.9	201	32.3
N829926		79	1.8	12.2	265	31.2
N829927		72	2.4	9.9	273	29.1
N829928		78	2.4	8.6	165	32.1
N829929		64	2.0	9.3	229	31.1
N829930		60	5.0	10.8	2930	38.2
N829931		67	2.3	10.5	222	32.5
N829932		69	2.2	10.6	164	39.0
N829933		72	2.4	10.8	251	36.6
N829934		71	4.4	10.2	187	38.2
N829935		60	6.3	5.7	37	32.1
N829936		79	2.7	9.8	191	31.6
N829937		67	4.7	9.0	268	32.0
N829938		60	2.0	9.3	142	29.4
N829939		67	3.6	10.6	258	31.9
N829940		70	2.2	11.1	251	32.6
N829941		76	6.1	9.9	155	40.7
N829942		63	3.2	14.9	584	34.9
N829943		71	4.9	18.1	1140	33.5
N829944		69	6.5	13.7	1090	36.3
N829945		61	12.4	7.3	160	37.4
N829946		61	6.9	10.3	610	37.9
N829947		64	2.5	13.5	638	39.4
N829948		68	3.3	16.0	544	36.5
N829949		73	3.3	13.0	430	32.0
N829950		67	5.6	9.9	273	28.9
N829951		74	5.4	16.7	680	32.0



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**CERTIFICATE OF ANALYSIS WH12144362**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12144363**

Project: Klaza TR-12-8  
P.O. No.: Batch 2  
This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12144363**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829952		2.42	4.25	2.97	6.93	138.0	1490	1.87	4.07	0.09	2.68	57.7	2.0	8	17.15	50.9
N829953		2.26	0.076	0.55	8.19	104.5	1060	2.73	0.81	0.12	8.30	57.3	16.8	8	25.0	119.0
N829954		3.42	1.675	1.17	7.63	281	1220	2.00	1.19	0.10	5.23	55.1	8.6	8	27.3	102.5
N829955		3.66	0.167	1.39	7.75	212	1290	1.66	2.99	0.11	4.61	63.6	5.8	8	25.9	77.1
N829956		2.94	0.106	1.13	8.29	131.0	1890	1.88	2.27	0.08	3.79	60.7	10.8	9	21.6	83.2
N829957		3.18	1.755	3.61	7.14	238	1190	1.57	2.75	0.11	3.62	61.7	2.6	8	18.25	72.0
N829958		3.31	0.063	0.85	8.62	84.6	2060	2.23	1.50	0.31	4.99	52.4	17.3	9	15.55	121.0
N829959		2.78	0.357	3.04	7.82	364	1430	1.81	2.97	0.16	5.67	65.2	4.5	9	22.0	109.0
N829960		3.34	0.173	1.27	7.95	296	1400	2.00	2.03	0.16	5.80	76.1	4.3	8	26.8	134.0
N829961		3.26	0.114	1.07	7.99	147.0	1950	2.09	1.86	0.27	5.79	56.6	10.5	9	20.2	158.5
N829962		3.17	0.093	0.66	8.17	82.5	2100	1.66	1.27	0.26	6.76	50.5	10.8	8	15.60	90.7
N829963		2.85	0.140	0.68	8.51	153.0	1500	2.32	2.02	0.17	9.29	59.6	14.3	8	21.1	202
N829964		3.42	0.173	1.11	7.71	199.5	940	1.95	2.81	0.12	14.85	54.1	24.1	7	29.2	159.5
N829965		2.50	0.318	6.17	7.48	385	640	1.64	25.9	0.14	5.37	66.4	2.0	15	66.0	106.5
N829966		2.85	0.080	0.96	7.40	84.1	1160	1.98	3.24	1.28	8.62	53.1	11.3	28	41.5	110.5
N829967		4.55	0.106	0.74	7.38	49.4	2050	1.65	1.37	0.29	9.30	61.4	12.2	21	10.15	101.5
N829968		3.46	0.311	3.93	5.69	157.0	1240	1.02	4.10	0.11	4.56	42.2	2.5	9	25.7	66.0
N829969		3.81	0.365	2.40	8.17	328	970	1.97	5.06	0.13	1.81	63.2	7.1	19	23.4	206
N829970		6.44	0.743	6.50	6.03	296	1050	1.11	8.47	0.09	1.07	51.5	1.1	8	28.2	63.1
N829971		4.23	<0.005	0.03	0.10	<5	20	0.05	0.07	20.3	0.09	1.44	1.5	1	0.32	2.9
N829972		5.42	0.205	1.73	8.45	232	1420	2.05	4.44	0.24	5.14	55.8	9.3	8	27.1	206
N829973		3.54	0.697	1.64	7.05	203	900	1.64	4.06	0.17	4.61	60.3	3.8	8	34.2	87.2
N829974		2.41	0.091	1.29	7.76	118.0	2710	2.12	3.74	0.11	3.79	47.9	4.2	8	18.75	270
N829975		2.60	0.886	3.78	7.02	245	1510	1.59	4.84	0.18	2.49	62.0	0.6	8	16.45	104.5
N829976		3.21	0.409	3.14	7.32	266	1620	1.22	6.81	0.19	0.97	62.4	1.1	8	19.65	81.3
N829977		3.14	0.153	3.41	7.77	124.5	1960	1.23	10.05	0.15	1.21	75.4	1.0	8	17.60	150.0
N829978		0.24	2.37	22.7	5.82	2840	400	1.26	18.85	2.08	72.7	41.5	10.8	17	14.35	411
N829979		4.05	0.075	1.82	8.24	77.5	2140	1.44	6.09	0.23	1.67	38.7	4.3	8	15.50	168.0
N829980		3.37	0.077	1.63	8.34	71.4	2100	1.54	4.97	0.12	1.46	38.8	4.1	8	13.65	219
N829981		3.57	0.123	14.65	7.24	209	1520	0.92	28.0	0.14	0.61	59.8	1.0	8	16.55	246
N829982		2.79	0.041	2.41	7.96	55.5	1700	1.23	3.06	0.10	0.59	53.4	2.6	8	19.60	213
N829983		4.96	0.133	1.40	7.91	153.0	1430	1.75	4.18	0.10	2.89	62.3	7.0	8	26.4	326
N829984		3.72	0.082	7.80	7.34	82.9	2140	1.41	2.75	0.41	2.29	53.6	4.8	7	16.25	142.5
N829985		4.70	0.035	1.06	7.95	43.5	2680	2.17	2.00	0.59	3.66	56.2	14.0	8	14.75	116.0
N829986		3.04	0.032	0.68	7.20	340	1360	0.92	2.66	0.17	0.87	50.9	2.5	8	16.10	74.0
N829987		2.57	0.463	35.1	6.06	142.5	1180	1.00	171.0	0.11	0.70	57.5	0.5	7	17.40	37.0



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Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144363**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829952		2.78	16.90	0.18	1.1	0.339	3.14	32.8	16.1	0.31	237	3.64	0.04	5.7	1.8	340
N829953		3.50	17.50	0.21	1.2	0.146	2.57	29.9	37.8	0.18	1080	2.11	0.04	8.0	5.0	650
N829954		4.15	16.50	0.22	1.2	0.119	3.09	30.3	15.5	0.26	379	2.70	0.05	7.3	3.4	640
N829955		3.81	17.10	0.23	1.2	0.234	3.38	36.1	9.5	0.27	465	2.60	0.04	8.0	2.7	500
N829956		3.57	18.70	0.22	1.1	0.194	3.48	33.3	21.3	0.29	422	6.32	0.08	6.3	3.5	480
N829957		3.59	16.45	0.22	1.1	0.251	3.10	34.7	10.4	0.28	333	4.73	0.04	7.0	1.8	500
N829958		4.31	18.30	0.24	1.3	0.151	2.98	26.8	17.8	0.32	709	10.80	0.83	7.8	4.2	680
N829959		3.71	16.95	0.23	1.1	0.337	3.18	36.9	10.4	0.27	403	3.25	0.09	7.8	1.9	560
N829960		3.96	17.55	0.23	1.3	0.294	3.20	43.2	10.2	0.28	274	3.48	0.09	7.7	2.5	560
N829961		4.22	17.15	0.23	1.2	0.144	2.76	30.5	15.8	0.33	594	2.86	0.54	7.2	4.1	620
N829962		4.41	17.80	0.24	1.2	0.085	2.18	26.3	22.4	0.45	812	1.50	0.50	8.7	4.6	570
N829963		4.59	17.40	0.23	1.1	0.163	3.02	29.1	10.2	0.22	938	2.06	0.08	7.0	6.4	730
N829964		4.07	16.40	0.22	1.1	0.131	3.01	25.9	11.7	0.28	2510	1.93	0.05	6.5	7.2	580
N829965		2.81	18.90	0.20	2.2	0.293	2.58	38.0	27.5	0.31	205	8.61	0.04	6.4	2.5	400
N829966		3.01	19.45	0.21	3.7	0.091	2.00	26.5	70.1	0.18	1400	3.59	0.07	9.1	19.6	720
N829967		2.18	18.30	0.17	2.5	0.082	0.60	32.0	292	0.21	1110	1.37	0.25	8.3	13.8	740
N829968		2.93	13.70	0.16	1.3	0.482	2.02	24.1	25.9	0.23	317	4.96	0.04	5.4	2.3	250
N829969		3.91	18.60	0.19	2.3	0.271	1.47	36.7	172.0	0.22	506	5.12	0.15	7.7	11.6	730
N829970		2.89	16.55	0.18	1.2	0.762	2.50	31.1	21.7	0.27	152	7.98	0.04	4.8	1.7	280
N829971		0.48	0.46	0.28	<0.1	0.009	0.03	0.7	1.3	11.90	213	0.17	<0.01	0.3	2.9	170
N829972		3.81	17.30	0.22	1.5	0.371	3.01	29.9	19.5	0.27	604	4.03	0.04	8.4	4.9	770
N829973		4.11	16.15	0.19	1.3	0.375	2.77	32.6	19.9	0.28	277	6.98	0.03	7.1	2.2	680
N829974		4.15	16.75	0.20	1.3	0.370	3.10	26.2	28.5	0.15	341	5.62	0.08	7.9	2.7	700
N829975		3.68	17.50	0.20	1.3	0.466	3.10	34.5	11.1	0.25	178	3.47	0.04	6.6	1.2	340
N829976		4.12	18.15	0.21	1.4	0.482	3.02	36.0	14.2	0.26	189	5.12	0.05	7.6	1.3	500
N829977		3.96	17.65	0.22	1.4	0.734	2.79	42.6	24.8	0.16	126	3.80	0.06	7.7	1.8	630
N829978		6.38	13.60	0.17	0.8	1.625	2.49	22.3	22.7	0.85	1820	12.55	0.04	5.9	15.4	420
N829979		4.37	18.40	0.17	1.5	0.406	3.05	21.4	20.0	0.22	299	2.57	0.64	8.6	2.9	650
N829980		3.93	18.45	0.16	1.4	0.379	2.87	20.5	24.7	0.17	338	2.89	0.20	8.7	2.8	620
N829981		5.04	16.00	0.18	1.2	0.902	2.78	32.3	12.3	0.19	122	3.24	0.06	7.2	1.7	560
N829982		3.73	17.35	0.19	1.3	0.296	3.15	31.0	22.4	0.16	181	2.08	0.08	8.2	2.3	640
N829983		4.43	16.65	0.20	1.2	0.287	2.68	35.4	28.7	0.19	411	6.66	0.05	7.5	4.0	630
N829984		4.55	18.60	0.20	1.2	0.390	2.91	33.4	12.8	0.36	280	2.75	0.77	7.5	2.7	540
N829985		4.10	17.50	0.21	1.4	0.217	2.82	31.0	21.0	0.48	638	2.17	1.30	8.3	3.8	610
N829986		5.69	20.1	0.16	1.2	0.640	2.77	30.2	20.6	0.19	128	1.78	0.20	8.1	2.0	810
N829987		4.49	15.45	0.17	1.2	0.811	3.16	36.0	12.8	0.23	97	18.85	0.07	6.3	1.9	290



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Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144363**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829952		1185	216	<0.002	0.18	18.95	10.4	2	8.0	56.4	0.49	0.59	8.3	0.186	3.89	3.3
N829953		130.0	141.0	<0.002	0.11	11.25	12.7	2	2.7	79.7	0.63	0.16	13.6	0.249	2.80	10.5
N829954		93.7	191.0	<0.002	0.16	16.35	11.4	2	3.7	58.4	0.60	0.69	13.9	0.229	3.75	6.1
N829955		202	205	<0.002	0.37	12.95	11.0	2	5.8	84.6	0.67	0.18	13.4	0.249	4.46	4.7
N829956		182.0	191.5	<0.002	0.17	9.77	12.0	2	6.5	79.7	0.51	0.50	13.4	0.207	3.19	5.9
N829957		944	195.0	<0.002	0.35	14.15	10.6	2	6.3	65.0	0.57	0.81	12.6	0.218	3.88	4.7
N829958		157.0	148.5	0.002	0.07	7.58	13.1	2	3.2	136.5	0.65	0.18	16.6	0.249	2.59	8.4
N829959		1670	182.0	<0.002	0.39	14.70	11.6	2	4.5	81.9	0.58	0.33	14.1	0.251	3.96	8.1
N829960		378	192.5	<0.002	0.26	18.10	12.1	2	3.8	81.2	0.67	0.16	15.9	0.236	3.61	10.2
N829961		108.5	151.5	<0.002	0.09	11.65	11.8	2	3.1	105.5	0.61	0.17	16.4	0.224	2.41	7.5
N829962		52.1	117.0	<0.002	0.06	11.20	12.3	2	3.1	100.0	0.71	0.12	17.1	0.263	1.72	5.5
N829963		82.2	153.0	<0.002	0.03	10.55	12.3	3	3.7	27.0	0.58	0.15	15.3	0.233	2.96	9.6
N829964		228	184.0	<0.002	0.04	10.70	10.6	3	3.4	21.7	0.56	0.19	14.7	0.199	3.61	4.6
N829965		337	181.5	<0.002	0.17	21.9	8.8	4	9.6	91.8	0.55	0.52	11.8	0.195	2.86	6.8
N829966		52.2	97.8	<0.002	0.16	17.80	7.0	2	2.4	142.0	0.75	0.06	11.8	0.253	2.04	5.5
N829967		32.7	36.2	<0.002	0.07	12.80	6.6	2	1.7	344	0.68	0.06	10.8	0.243	0.86	4.3
N829968		214	140.5	<0.002	0.34	18.50	7.1	2	4.8	69.9	0.46	0.29	8.5	0.160	2.29	3.4
N829969		145.0	94.8	<0.002	0.21	23.5	9.2	3	3.1	176.5	0.63	0.28	13.9	0.227	1.94	8.4
N829970		422	170.5	<0.002	0.44	59.2	8.5	2	9.3	57.1	0.42	0.57	10.2	0.157	2.82	2.4
N829971		3.2	1.9	<0.002	0.01	0.24	0.3	1	<0.2	45.8	<0.05	<0.05	0.2	<0.005	0.02	0.9
N829972		91.7	173.0	<0.002	0.19	32.6	11.8	2	3.4	42.1	0.74	0.19	18.2	0.234	3.67	8.1
N829973		254	171.5	<0.002	0.48	21.1	11.3	2	6.5	80.0	0.59	0.29	17.8	0.209	3.50	6.8
N829974		119.5	146.0	<0.002	0.22	24.9	12.2	2	3.5	69.5	0.67	0.10	16.0	0.235	2.77	7.2
N829975		154.5	184.0	<0.002	0.75	46.2	10.2	2	6.7	57.5	0.56	0.81	11.2	0.197	3.74	3.0
N829976		382	173.5	<0.002	0.76	23.3	10.4	2	8.5	57.7	0.64	0.29	15.0	0.222	3.86	3.0
N829977		474	143.5	<0.002	0.76	28.2	10.8	2	5.0	58.2	0.62	0.44	16.5	0.229	2.52	3.3
N829978		2600	154.5	0.002	4.59	80.1	8.1	2	7.4	88.5	0.45	0.33	10.6	0.170	2.35	5.4
N829979		126.0	142.5	<0.002	0.24	14.45	11.2	2	3.0	109.5	0.71	0.22	17.7	0.252	2.05	4.5
N829980		148.5	131.5	<0.002	0.23	15.50	11.1	2	2.8	72.7	0.69	0.22	15.5	0.260	1.94	4.5
N829981		206	132.5	<0.002	0.92	70.2	10.2	5	6.4	42.1	0.58	6.95	13.4	0.222	2.80	2.7
N829982		123.5	159.0	<0.002	0.26	12.35	10.8	2	3.7	53.1	0.66	0.38	14.5	0.252	2.73	4.3
N829983		141.0	146.0	<0.002	0.32	15.15	14.8	2	4.0	57.7	0.59	0.98	17.7	0.218	2.84	10.8
N829984		819	133.5	<0.002	0.34	8.62	10.2	2	9.7	144.0	0.61	0.31	13.0	0.217	2.06	3.9
N829985		158.0	131.5	<0.002	0.13	5.17	12.8	2	3.6	198.5	0.69	0.25	16.8	0.232	1.85	5.8
N829986		90.1	128.0	<0.002	1.07	8.61	11.9	2	2.8	81.6	0.68	0.85	25.2	0.220	1.94	3.3
N829987		1225	185.0	<0.002	1.37	166.5	8.2	6	11.2	43.2	0.52	4.34	13.2	0.197	3.58	2.3





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**CERTIFICATE OF ANALYSIS WH12144363**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N829952		62	6.0	10.2	334	28.6
N829953		70	3.8	19.8	828	30.8
N829954		68	4.8	17.5	555	31.5
N829955		70	7.4	14.9	380	30.7
N829956		75	10.3	14.7	550	29.6
N829957		66	6.4	10.9	424	30.4
N829958		78	2.4	20.1	852	32.6
N829959		72	5.6	12.3	523	31.3
N829960		72	5.4	16.0	510	36.1
N829961		70	2.8	21.0	559	32.7
N829962		74	2.7	18.4	402	32.8
N829963		77	3.2	26.0	654	28.5
N829964		65	3.4	22.2	1040	29.9
N829965		66	11.0	9.8	165	72.1
N829966		52	4.9	15.8	495	136.0
N829967		46	4.3	15.2	510	77.6
N829968		55	5.3	8.9	231	40.0
N829969		61	7.8	14.7	515	76.9
N829970		65	6.6	6.4	139	35.2
N829971		2	0.6	0.8	20	0.6
N829972		71	7.4	15.0	496	42.6
N829973		68	5.2	10.3	415	37.8
N829974		67	3.4	11.8	493	35.5
N829975		63	7.9	6.9	134	34.0
N829976		68	8.4	7.3	264	37.0
N829977		69	2.1	8.7	234	38.0
N829978		53	5.1	9.4	5170	24.2
N829979		76	1.9	11.7	620	42.6
N829980		77	2.4	12.1	528	36.3
N829981		65	6.7	8.3	171	33.0
N829982		78	2.1	10.0	324	33.8
N829983		67	4.1	13.4	637	33.0
N829984		64	2.0	15.1	384	33.3
N829985		68	1.9	18.3	387	38.2
N829986		70	2.0	9.2	183	31.7
N829987		53	5.4	7.4	38	33.1



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**CERTIFICATE OF ANALYSIS WH12144363**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12144364**

Project: Klaza TR-12-8

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12144364**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829988		2.23	0.117	4.36	6.78	122.5	1410	0.89	18.95	0.19	0.81	57.6	0.6	7	23.2	44.8
N829989		2.45	0.046	1.09	8.39	92.7	1650	1.86	3.11	0.13	1.67	54.7	2.6	9	26.7	277
N829751		2.79	0.025	0.45	7.71	21.3	2230	1.26	1.25	0.76	1.04	50.2	6.2	10	11.10	22.3
N829752		1.96	0.014	0.35	7.90	14.9	2220	1.30	0.96	1.36	0.86	53.2	7.1	10	8.69	19.3
N829753		2.46	0.023	0.45	7.97	29.0	2210	1.45	1.56	0.70	1.86	51.3	9.1	9	10.45	27.1
N829754		2.46	0.056	0.45	7.69	31.3	2260	1.47	1.44	0.46	2.16	60.1	9.7	8	15.65	33.5
N829755		3.05	0.104	0.52	7.79	87.9	1930	1.53	1.28	0.27	2.13	61.3	7.4	9	24.6	19.3
N829756		3.03	0.032	0.50	7.64	23.3	2040	1.48	2.37	0.63	1.87	55.5	7.7	10	14.50	28.9
N829757		2.69	0.039	0.58	8.03	18.0	2350	1.39	2.84	0.49	3.48	61.2	8.2	9	12.25	37.7
N829758		3.15	0.055	0.73	7.34	31.5	3650	1.22	2.42	0.18	3.23	49.2	10.9	9	14.95	55.9
N829759		2.69	0.165	0.74	7.92	27.6	2860	0.90	2.26	0.13	0.51	46.6	2.5	8	12.60	47.8
N829760		1.97	0.019	0.29	7.61	20.6	2640	1.56	1.12	0.44	0.58	43.0	10.5	10	11.30	26.4
N829761		2.09	0.050	0.50	7.93	30.1	2850	1.54	2.49	0.59	0.88	42.7	7.2	12	13.95	29.3
N829762		2.87	0.020	0.35	7.51	16.8	2350	1.38	2.11	0.61	0.67	49.1	5.8	9	11.05	30.6
N829763		4.06	0.047	0.45	7.39	20.0	2340	1.42	2.44	0.59	0.64	40.7	6.6	11	11.20	46.0
N829764		4.45	0.073	0.45	7.44	48.0	2310	1.37	3.02	0.21	0.63	48.8	4.0	9	16.50	32.7
N829765		2.63	0.012	0.28	7.81	13.8	2280	1.62	2.82	0.74	0.93	61.7	6.8	9	10.95	20.5
N829766		2.95	0.054	0.82	7.91	29.9	2860	1.76	3.27	0.53	1.46	62.8	8.3	14	15.60	38.9
N829767		2.55	0.074	0.79	7.72	35.3	2730	1.57	4.11	0.46	1.09	60.6	11.8	12	13.55	44.7
N829768		3.44	0.093	1.04	7.91	39.9	2360	1.56	4.29	0.32	1.19	60.7	7.6	11	15.90	54.7
N829769		2.31	0.039	0.71	8.15	37.0	2310	1.56	2.36	0.21	1.45	58.4	6.8	9	17.75	42.5
N829770		2.63	0.457	6.00	7.32	192.5	1790	1.37	14.70	0.13	1.46	53.6	2.2	10	13.30	91.3
N829771		2.68	0.031	2.11	8.39	25.2	3010	1.45	4.14	0.24	1.84	48.8	6.7	9	15.00	60.2
N829772		4.74	0.027	1.16	7.80	24.7	2540	1.46	3.26	0.23	2.82	60.7	10.3	10	13.40	50.4
N829773		2.49	0.116	2.02	6.47	155.0	1900	1.34	2.76	0.19	3.32	57.3	1.6	7	15.20	33.5
N829774		2.74	0.030	1.09	7.60	39.7	2500	1.53	2.72	0.11	4.26	60.9	11.0	9	14.70	56.0
N829775		0.24	2.34	26.6	6.00	2880	1200	1.37	21.3	2.23	80.0	43.3	10.6	19	14.80	436
N829776		2.93	0.060	1.57	7.24	47.9	2700	1.84	3.05	0.14	5.07	26.2	11.8	8	14.75	47.7
N829777		2.57	0.071	1.30	5.38	53.5	1820	1.43	2.70	0.14	5.10	24.3	17.5	10	7.94	130.0
N829778		3.11	0.057	1.27	6.19	49.1	2000	1.25	2.42	0.13	1.34	36.7	2.7	12	10.15	124.5
N829779		3.95	<0.005	0.07	0.09	5	30	0.09	0.04	21.3	0.10	1.30	0.8	2	0.29	2.4
N829780		3.40	0.040	1.21	7.50	44.5	2940	1.66	3.30	0.17	4.90	56.3	6.5	9	16.65	174.0
N829781		3.86	0.060	1.06	7.63	41.4	2710	1.50	2.80	0.25	6.07	51.6	7.1	8	14.20	192.0
N829782		3.93	0.094	1.25	7.14	143.5	2420	1.32	5.69	0.13	5.62	45.3	6.3	8	16.65	133.0
N829783		5.54	0.242	28.5	4.97	126.5	2210	0.88	46.3	0.08	0.55	53.5	0.5	7	10.00	18.1
N829784		3.70	0.158	2.26	7.07	334	2400	1.35	4.94	0.19	1.77	47.0	1.9	8	20.5	102.0



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**CERTIFICATE OF ANALYSIS WH12144364**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829988		4.60	15.80	0.11	1.4	0.879	3.13	33.2	11.0	0.22	130	7.35	0.07	7.3	1.2	370
N829989		3.25	18.30	0.13	1.4	0.259	2.75	30.3	120.5	0.12	149	2.21	0.08	8.6	2.7	730
N829751		3.30	15.70	0.12	1.3	0.121	2.74	27.7	18.6	0.84	453	0.97	1.40	7.6	3.6	600
N829752		3.22	15.85	0.12	1.3	0.112	2.65	27.4	15.9	0.82	490	0.92	2.20	7.7	4.2	620
N829753		3.78	16.20	0.10	1.4	0.106	2.75	24.5	17.4	0.74	557	1.41	1.41	7.7	4.0	640
N829754		3.27	16.00	0.12	1.1	0.204	2.81	34.3	16.4	0.48	561	2.75	1.07	6.9	3.4	590
N829755		3.51	16.90	0.11	1.3	0.114	2.91	36.0	27.3	0.25	1120	1.01	0.42	7.7	4.0	590
N829756		3.55	15.65	0.11	1.2	0.207	2.69	26.1	12.9	0.74	628	1.37	1.55	7.4	4.1	600
N829757		3.45	16.55	0.12	1.4	0.158	2.82	24.6	20.4	0.56	1010	7.54	1.20	8.0	4.4	620
N829758		3.02	16.15	0.13	1.2	0.143	3.19	26.3	19.0	0.23	829	13.65	0.35	6.1	3.9	540
N829759		2.97	17.35	0.13	1.4	0.205	3.27	26.9	16.6	0.17	167	14.35	0.26	7.3	1.8	460
N829760		3.54	17.05	0.11	1.3	0.118	2.60	28.8	18.2	0.57	407	1.14	1.17	7.7	2.9	590
N829761		4.03	18.45	0.09	1.1	0.238	2.89	22.1	15.6	0.51	491	1.63	1.82	8.0	3.9	660
N829762		3.31	16.25	0.09	1.2	0.202	2.84	22.3	19.0	0.81	428	0.96	1.71	7.7	3.2	580
N829763		3.48	16.10	0.10	1.3	0.183	2.69	23.8	15.5	0.88	415	1.03	1.66	7.4	2.9	580
N829764		3.85	16.45	0.14	1.4	0.214	2.85	31.6	19.2	0.26	232	0.99	0.63	7.8	2.5	520
N829765		3.22	16.70	0.11	1.5	0.099	2.79	27.8	21.8	0.69	667	0.81	1.78	8.4	3.7	620
N829766		3.36	18.10	0.13	1.4	0.225	2.90	34.6	40.4	0.33	541	1.54	1.50	8.0	4.7	630
N829767		4.33	17.90	0.15	1.2	0.551	3.14	36.7	19.8	0.39	421	1.20	1.19	6.7	4.2	620
N829768		4.52	17.85	0.14	1.1	0.290	3.26	34.3	15.4	0.41	558	1.13	1.29	6.9	4.2	630
N829769		3.23	18.35	0.11	1.3	0.235	3.31	26.8	22.3	0.22	723	1.41	0.41	8.5	3.1	610
N829770		4.34	16.95	0.12	1.3	0.370	3.20	30.1	10.3	0.31	211	3.86	0.15	7.3	2.2	450
N829771		3.36	19.20	0.13	1.5	0.233	3.14	27.2	25.3	0.32	451	1.12	0.72	8.7	2.9	590
N829772		3.60	16.30	0.12	1.4	0.383	3.41	32.5	15.6	0.33	590	1.48	0.86	7.7	3.5	570
N829773		5.46	14.65	0.12	1.1	0.583	2.79	32.7	14.2	0.21	355	3.00	0.04	6.3	1.4	450
N829774		5.65	17.00	0.13	1.0	0.637	3.29	36.2	11.3	0.23	1040	2.72	0.06	5.5	4.4	610
N829775		6.81	14.20	0.12	1.0	1.760	2.62	23.4	24.9	0.92	1860	13.50	0.05	6.0	16.0	450
N829776		4.28	16.25	0.11	1.7	0.376	3.09	14.4	15.0	0.25	898	12.05	0.07	4.9	4.1	540
N829777		3.51	12.10	0.07	0.8	0.264	2.17	14.4	16.9	0.23	583	48.1	0.11	3.2	3.4	460
N829778		4.37	14.30	0.07	0.9	0.649	2.86	21.5	9.5	0.27	201	30.5	0.05	3.6	1.6	510
N829779		0.49	0.27	<0.05	<0.1	0.008	0.04	0.6	1.3	12.65	210	0.22	<0.01	0.2	2.2	180
N829780		4.27	16.80	0.11	0.9	0.521	3.56	34.8	16.0	0.26	370	7.24	0.26	6.5	3.0	570
N829781		4.71	17.00	0.13	1.0	0.297	3.62	31.9	13.5	0.27	571	6.68	0.73	6.2	3.0	600
N829782		5.46	16.70	0.13	1.0	0.518	3.39	25.9	20.3	0.21	665	11.50	0.11	6.7	2.5	620
N829783		2.71	11.70	0.14	0.9	0.578	2.44	32.5	27.8	0.18	99	21.5	0.05	5.7	1.0	210
N829784		4.82	16.85	0.12	1.0	1.385	3.10	23.5	12.8	0.26	137	4.54	0.06	5.7	1.1	790



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Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144364**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829988		685	161.5	0.002	1.41	29.6	9.6	1	3.5	58.0	0.64	2.99	17.7	0.239	3.89	2.6
N829989		109.5	136.5	0.003	0.20	14.35	12.3	1	2.3	95.9	0.70	0.58	18.1	0.246	2.36	7.5
N829751		33.6	117.5	<0.002	0.04	6.90	10.7	<1	1.8	204	0.64	0.18	14.4	0.246	1.34	2.9
N829752		27.9	109.0	0.002	0.04	3.56	11.1	<1	2.1	355	0.63	0.11	13.7	0.259	1.28	3.4
N829753		40.6	118.0	<0.002	0.07	4.96	11.3	1	1.8	182.0	0.68	0.14	16.9	0.252	1.37	3.3
N829754		33.8	131.0	0.004	0.07	4.48	11.3	<1	1.8	124.0	0.60	0.17	15.3	0.230	1.73	3.6
N829755		34.7	135.5	<0.002	0.04	5.85	11.7	<1	2.0	56.1	0.71	0.17	16.3	0.238	2.11	4.4
N829756		41.1	113.5	0.002	0.08	5.29	10.8	<1	2.2	192.5	0.64	0.43	15.7	0.248	1.39	3.9
N829757		35.0	120.0	0.002	0.05	7.45	11.4	<1	1.9	146.0	0.73	0.19	16.9	0.254	1.45	3.9
N829758		51.0	153.5	0.003	0.12	13.50	10.9	<1	2.0	75.6	0.54	0.16	15.9	0.201	2.19	4.6
N829759		49.7	142.0	0.002	0.17	21.3	11.2	<1	2.9	70.7	0.62	0.23	14.9	0.234	1.92	3.8
N829760		29.5	110.5	0.004	0.04	5.59	12.0	1	1.8	165.5	0.59	0.13	14.1	0.261	1.24	3.9
N829761		41.8	132.0	0.003	0.10	5.05	11.2	1	2.5	216	0.61	0.43	13.9	0.264	1.53	3.1
N829762		27.3	115.5	0.003	0.06	4.65	10.1	<1	1.7	201	0.60	0.29	14.6	0.247	1.42	3.2
N829763		42.1	110.0	0.004	0.17	6.08	10.5	1	2.0	206	0.64	0.46	14.9	0.246	1.40	4.1
N829764		31.9	128.5	0.005	0.07	12.30	9.9	1	2.9	87.4	0.71	0.42	16.2	0.220	1.71	4.0
N829765		26.3	110.5	0.005	0.02	4.71	10.0	1	1.4	213	0.71	0.10	16.5	0.260	1.22	3.3
N829766		40.2	131.5	0.005	0.14	5.32	11.5	1	2.5	197.5	0.66	0.31	15.4	0.251	1.64	3.2
N829767		45.9	142.0	0.004	0.39	4.67	11.2	1	3.5	153.0	0.55	0.54	15.0	0.226	2.03	4.0
N829768		45.5	150.0	0.003	0.24	5.36	11.5	<1	3.8	146.5	0.58	0.96	15.9	0.230	2.25	4.0
N829769		39.8	144.0	0.006	0.04	7.86	11.1	1	2.6	81.7	0.68	0.35	16.0	0.257	2.02	3.5
N829770		160.0	161.0	0.005	0.15	12.55	9.4	5	8.9	45.3	0.66	1.48	11.6	0.240	2.78	2.9
N829771		45.0	138.0	0.007	0.07	12.70	11.9	1	2.6	123.5	0.75	0.48	17.6	0.259	1.80	3.5
N829772		93.2	150.5	0.005	0.08	7.56	10.9	1	2.6	102.5	0.73	0.25	21.0	0.233	2.19	4.1
N829773		312	144.0	0.004	0.71	14.90	9.6	1	9.5	51.6	0.53	0.19	12.7	0.195	2.76	2.8
N829774		89.2	168.0	<0.002	0.22	8.23	10.5	1	3.5	29.8	0.43	0.18	15.1	0.201	2.85	4.2
N829775		2750	157.0	0.004	5.00	93.8	8.0	1	7.9	89.3	0.47	0.36	11.0	0.182	2.36	5.4
N829776		116.5	141.0	<0.002	0.20	14.60	9.4	1	5.3	41.1	0.39	0.19	14.1	0.185	2.62	5.6
N829777		70.5	113.5	0.004	0.24	12.70	7.7	1	1.7	42.6	0.23	0.30	9.2	0.119	1.77	5.3
N829778		148.0	146.5	0.004	0.62	9.82	9.3	<1	4.7	30.9	0.30	0.18	13.2	0.144	2.49	2.9
N829779		1.8	2.0	0.002	0.01	0.08	0.3	<1	0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N829780		114.0	159.0	<0.002	0.26	16.05	10.7	<1	3.4	74.5	0.47	0.26	14.0	0.213	2.60	6.8
N829781		137.0	153.5	0.009	0.26	7.25	11.1	1	3.8	114.0	0.43	0.29	15.7	0.212	2.54	5.7
N829782		77.8	157.0	0.004	0.74	11.75	9.9	1	3.4	73.6	0.54	0.92	19.3	0.222	2.62	5.3
N829783		1195	142.0	0.002	0.79	95.2	6.5	7	7.9	66.9	0.47	0.65	8.4	0.175	2.34	1.6
N829784		505	171.5	0.003	0.95	34.9	11.2	1	2.8	81.4	0.45	0.70	23.2	0.187	3.31	3.7



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Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144364**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N829988		56	3.7	6.9	55	32.3
N829989		74	2.8	12.4	280	35.9
N829751		68	8.7	16.9	90	31.9
N829752		71	1.8	14.0	85	28.7
N829753		71	4.3	15.5	174	34.8
N829754		69	2.4	17.2	131	25.1
N829755		70	5.7	24.3	102	28.8
N829756		70	1.5	15.2	147	28.4
N829757		71	2.6	16.0	154	31.1
N829758		69	3.3	16.2	240	27.9
N829759		69	2.6	12.4	83	30.4
N829760		72	1.4	15.5	85	27.6
N829761		74	2.9	13.7	133	28.2
N829762		67	1.5	12.1	93	28.8
N829763		71	2.5	14.4	109	30.4
N829764		68	3.2	14.5	75	30.9
N829765		68	4.3	14.8	74	32.7
N829766		73	3.0	17.4	115	30.8
N829767		74	2.7	19.6	103	26.4
N829768		75	3.1	18.4	106	25.5
N829769		67	4.8	15.5	118	31.4
N829770		68	9.0	10.6	143	28.5
N829771		73	2.0	14.5	145	30.9
N829772		67	1.8	15.7	388	30.1
N829773		58	5.1	11.1	389	26.3
N829774		67	2.9	14.3	723	27.7
N829775		56	5.3	9.7	5410	24.2
N829776		67	5.0	13.9	717	23.6
N829777		57	4.4	11.3	570	16.5
N829778		58	7.2	7.5	341	19.8
N829779		2	0.1	0.9	19	<0.5
N829780		65	3.3	16.4	534	20.9
N829781		66	2.3	17.3	668	24.7
N829782		61	2.4	13.3	572	22.4
N829783		44	7.8	6.3	55	19.6
N829784		61	2.9	8.4	348	21.5



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**CERTIFICATE OF ANALYSIS WH12144364**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12144365**

Project: Klaza TR-12-8

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12144365**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N829785		2.65	0.211	2.35	8.02	189.5	1830	2.18	7.26	0.18	22.9	57.5	21.3	9	21.2	349
N829786		2.78	0.067	2.02	8.29	53.8	2430	1.54	2.82	0.83	7.62	51.6	12.3	10	13.85	79.6
N829787		3.94	0.036	1.81	8.28	42.3	2580	1.41	5.64	0.37	6.53	65.1	12.4	10	13.80	55.0
N829788		4.21	0.052	3.08	7.96	60.0	2520	1.63	4.24	0.33	7.16	35.3	15.5	15	12.65	115.0
N829789		5.65	0.036	0.76	8.20	38.7	2290	1.65	3.92	0.61	3.06	59.5	9.9	11	12.80	51.6
N829790		2.99	0.146	1.38	8.08	60.5	2620	2.37	4.60	0.23	6.22	63.2	9.2	10	19.20	88.5
N829791		3.68	0.053	0.50	7.92	43.8	2000	1.32	1.85	0.27	1.33	38.9	4.4	9	16.90	31.4
N829792		3.01	0.030	0.52	7.83	37.0	2290	1.67	1.43	0.61	1.87	52.3	17.4	9	12.65	33.2
N829793		2.41	0.050	0.40	8.65	58.1	1850	1.93	1.14	0.34	2.33	61.3	11.3	8	25.3	17.6
N829794		2.66	0.012	0.31	8.90	18.9	2560	1.18	0.92	0.30	1.75	59.6	9.3	9	12.50	13.3
N829795		2.90	0.038	0.50	8.79	25.4	2450	1.46	1.32	0.43	2.24	69.5	11.5	10	14.55	18.1
N829796		3.21	0.051	0.59	7.82	45.9	2020	1.78	1.90	0.68	2.64	66.6	10.9	14	10.35	30.5
N829797		2.44	0.014	0.37	7.84	19.6	2000	1.71	1.26	0.60	1.74	67.8	8.3	10	10.75	16.0
N829798		0.21	2.42	25.0	6.23	3680	890	1.38	19.90	2.31	76.7	43.2	10.2	21	15.00	472
N829799		2.52	0.019	0.35	8.07	12.6	2720	1.55	1.43	1.22	1.19	51.6	8.3	10	9.66	13.8
N829800		1.92	<0.005	0.18	8.09	7.2	2390	1.51	0.44	1.61	1.19	52.7	6.8	10	6.77	7.5
N828601		2.69	0.046	0.67	8.30	34.4	4160	1.88	1.66	0.52	3.46	67.3	8.6	9	20.5	28.1
N828602		3.70	0.068	0.76	8.02	52.3	1730	1.61	2.04	0.22	1.95	44.9	3.9	10	15.55	38.6
N828603		3.83	0.029	0.60	8.33	31.7	2540	1.84	1.53	0.50	1.99	42.7	5.6	11	12.50	49.0
N828604		4.03	0.105	1.74	5.97	56.9	3680	1.75	3.12	0.13	8.44	56.5	11.5	12	23.5	52.7
N828605		4.30	0.033	1.16	8.69	41.8	2570	1.65	2.95	0.19	4.12	44.1	6.1	10	19.30	69.9
N828606		3.27	0.027	0.88	8.29	37.8	2530	1.43	1.91	0.18	3.09	39.8	3.6	10	18.55	45.3
N828607		4.99	0.047	1.05	8.11	51.4	2570	1.57	3.18	0.10	2.52	40.9	5.2	10	10.90	60.8
N828608		5.64	0.122	5.05	7.16	96.7	970	1.08	11.05	0.20	1.06	71.0	0.5	12	17.15	16.3
N828609		6.76	1.405	16.75	7.92	254	1270	1.26	27.4	0.19	0.66	63.0	0.5	11	37.2	28.7
N828610		4.39	0.297	8.79	7.93	207	1340	1.20	13.20	0.15	0.63	59.7	0.5	9	13.65	20.6
N828611		3.49	0.402	10.80	7.66	292	1400	1.11	13.70	0.13	0.54	53.0	0.4	10	12.45	26.8
N828612		2.89	0.123	4.05	8.01	280	1230	1.40	4.98	0.18	1.00	65.4	1.5	9	15.05	34.1
N828613		3.79	1.665	56.2	10.25	387	3710	1.35	104.0	0.09	0.40	34.4	0.4	9	15.85	15.8
N828614		3.57	0.005	0.07	0.12	<5	30	0.09	0.14	21.5	0.06	1.40	0.7	<1	0.32	1.7
N828615		2.37	0.049	2.79	8.13	193.0	2380	1.40	2.48	0.13	1.18	52.3	3.1	10	10.85	91.5
N828616		3.67	0.164	3.69	8.14	275	1930	1.52	6.86	0.19	1.31	73.1	3.4	10	11.65	80.8
N828617		3.80	0.052	1.08	7.74	79.8	2440	1.37	1.71	0.69	1.45	35.2	4.7	8	9.55	75.1
N828618		3.00	0.043	1.32	8.16	67.0	3060	1.57	2.19	0.46	2.37	51.5	6.2	9	13.90	92.4
N828619		2.67	0.026	1.11	7.88	57.3	2290	1.54	1.31	0.54	2.33	40.7	4.5	8	11.15	68.4
N828620		2.52	0.043	1.32	8.28	69.6	2680	1.42	2.09	0.23	2.60	35.9	4.9	9	13.50	73.1



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**CERTIFICATE OF ANALYSIS WH12144365**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829785		4.10	18.10	0.10	1.0	0.203	3.31	28.9	20.7	0.22	3200	2.97	0.07	8.3	4.8	610
N829786		3.81	17.70	0.08	1.1	0.120	3.17	24.3	14.9	0.50	873	2.16	1.52	8.5	3.9	630
N829787		3.56	18.20	0.09	1.1	0.141	3.14	23.4	24.9	0.49	863	2.68	0.95	8.5	4.1	610
N829788		3.43	17.65	0.07	0.9	0.211	3.34	16.7	10.7	0.41	1080	4.66	0.80	7.2	3.8	560
N829789		3.92	18.40	0.09	1.2	0.198	2.99	33.3	13.2	0.79	600	2.14	1.68	8.7	3.7	580
N829790		3.99	19.40	0.07	1.2	0.207	3.28	40.1	15.5	0.33	675	2.49	0.54	7.7	3.8	500
N829791		3.45	19.00	0.07	1.4	0.156	3.12	27.6	25.4	0.40	189	2.97	0.60	8.6	2.9	390
N829792		4.20	16.05	0.14	1.3	0.197	3.02	32.7	12.3	0.60	674	1.58	1.49	8.4	2.7	560
N829793		3.42	18.90	0.11	1.7	0.099	3.26	34.3	48.6	0.22	848	2.16	0.46	9.1	3.6	670
N829794		3.30	18.20	0.10	1.6	0.067	3.11	26.3	26.3	0.18	707	1.69	0.44	8.4	3.2	650
N829795		3.23	18.75	0.14	1.3	0.074	3.10	26.3	26.5	0.29	603	1.79	0.66	9.6	3.5	680
N829796		3.51	16.20	0.16	1.4	0.142	3.28	32.5	16.1	0.40	705	2.83	1.38	8.1	4.5	470
N829797		2.86	16.25	0.12	1.4	0.199	3.06	29.9	11.3	0.58	520	1.89	1.98	7.5	3.0	480
N829798		6.75	15.25	0.16	0.8	1.680	2.74	23.6	23.5	0.95	2030	13.35	0.04	6.4	14.8	460
N829799		3.12	17.25	0.12	1.3	0.117	2.99	29.8	10.8	0.69	483	1.99	2.12	7.9	3.1	580
N829800		3.03	16.00	0.14	1.3	0.051	2.84	31.2	11.0	0.69	554	1.45	2.41	7.3	3.0	570
N828601		3.11	18.35	0.14	1.3	0.074	3.60	36.7	19.7	0.36	902	2.68	0.73	8.6	2.9	620
N828602		3.38	17.35	0.13	1.3	0.176	3.59	29.1	18.6	0.29	303	4.28	0.49	8.3	2.0	400
N828603		3.79	18.50	0.16	1.1	0.270	3.48	26.3	10.8	0.45	317	3.77	1.23	8.5	2.1	590
N828604		4.11	13.75	0.14	1.0	0.761	2.20	34.4	21.2	0.20	863	17.85	0.06	5.3	2.8	420
N828605		4.53	18.10	0.16	1.1	0.450	3.28	27.7	23.1	0.27	294	2.14	0.17	8.7	2.0	570
N828606		3.45	18.25	0.14	1.2	0.414	3.27	27.6	24.0	0.30	224	2.77	0.15	8.7	1.5	510
N828607		3.41	18.05	0.15	1.2	0.235	3.71	24.9	27.1	0.20	426	2.46	0.09	8.2	1.6	450
N828608		3.10	18.35	0.14	1.2	0.621	2.85	42.3	12.6	0.23	119	4.13	0.03	8.6	0.6	340
N828609		2.56	22.7	0.13	1.3	0.772	3.21	36.5	15.7	0.28	133	11.20	0.04	9.8	0.3	300
N828610		3.66	21.5	0.15	1.1	1.040	3.46	33.9	7.2	0.26	148	6.99	0.03	8.7	<0.2	490
N828611		3.86	21.6	0.15	1.2	1.100	3.33	29.5	6.3	0.26	149	5.19	0.03	8.8	0.2	460
N828612		5.32	18.80	0.16	1.1	1.130	3.25	36.7	9.0	0.26	523	5.57	0.04	8.9	0.9	810
N828613		2.41	31.6	0.09	1.9	2.81	4.77	20.6	6.6	0.34	196	5.04	0.04	12.0	0.9	330
N828614		0.51	0.33	0.12	<0.1	0.010	0.04	0.7	1.1	13.00	225	0.27	0.01	0.2	1.7	160
N828615		4.16	18.05	0.14	1.1	0.605	3.79	32.1	26.4	0.17	229	6.65	0.12	8.6	1.5	790
N828616		6.37	19.45	0.18	1.0	0.967	3.67	49.4	18.5	0.29	197	8.96	0.20	7.8	1.3	780
N828617		4.90	17.60	0.15	0.9	0.471	3.08	21.7	9.5	0.51	287	3.90	1.27	8.0	1.8	600
N828618		4.22	17.40	0.15	1.2	0.600	3.10	29.7	20.4	0.42	259	2.68	0.66	8.7	2.5	560
N828619		4.55	17.25	0.17	1.0	0.405	3.00	23.5	11.1	0.43	228	4.23	1.23	8.5	1.7	650
N828620		4.56	18.15	0.15	1.0	0.362	3.43	20.9	20.1	0.27	183	3.71	0.46	8.7	2.0	620



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**CERTIFICATE OF ANALYSIS WH12144365**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829785		110.5	172.0	<0.002	0.06	17.85	10.4	2	2.3	43.7	0.68	0.27	15.2	0.239	3.18	7.0
N829786		119.0	145.5	<0.002	0.03	10.40	10.4	1	2.0	229	0.67	0.09	16.3	0.262	1.77	3.7
N829787		91.2	138.5	<0.002	0.07	9.95	11.0	1	2.2	135.0	0.66	0.25	17.4	0.263	1.84	3.6
N829788		236	172.0	<0.002	0.08	15.60	9.9	1	2.5	113.5	0.52	0.22	15.4	0.224	2.51	4.1
N829789		39.1	140.5	<0.002	0.04	5.23	11.0	1	2.2	199.0	0.68	0.23	15.9	0.243	1.43	4.2
N829790		67.2	184.5	<0.002	0.11	7.45	11.0	2	4.0	78.0	0.72	0.54	15.2	0.218	2.40	8.8
N829791		26.7	155.5	<0.002	0.10	4.99	9.8	1	2.6	95.7	0.81	0.13	13.0	0.230	1.86	3.6
N829792		40.2	133.5	<0.002	0.05	4.13	10.3	1	1.6	160.5	0.71	0.11	17.5	0.219	1.50	3.7
N829793		28.6	137.0	0.002	0.01	5.44	11.7	<1	1.9	76.6	0.86	0.15	16.9	0.264	2.09	3.7
N829794		25.0	130.0	0.002	0.01	10.75	10.6	<1	1.7	85.8	0.74	<0.05	16.5	0.274	1.49	3.5
N829795		35.2	133.5	<0.002	0.02	7.32	11.2	1	1.7	103.5	0.73	0.09	15.1	0.279	1.32	3.6
N829796		46.3	133.0	<0.002	0.04	5.13	8.6	1	1.6	168.5	0.78	0.19	19.9	0.214	1.41	4.1
N829797		38.3	128.0	0.003	0.03	3.80	8.7	<1	1.7	175.0	0.81	0.09	18.5	0.197	1.49	4.0
N829798		2900	163.5	0.002	5.11	90.9	8.3	2	7.6	94.2	0.45	0.39	9.7	0.192	2.20	5.3
N829799		30.4	115.5	0.002	0.06	3.21	10.0	<1	1.9	297	0.69	0.15	14.1	0.245	1.32	3.7
N829800		21.8	104.5	0.002	0.01	2.04	8.9	<1	1.4	342	0.68	<0.05	13.8	0.238	1.07	2.9
N828601		37.6	172.5	<0.002	0.08	6.81	11.8	2	1.8	124.5	0.66	0.24	15.6	0.258	2.31	4.0
N828602		37.5	181.0	<0.002	0.10	15.35	8.2	1	2.2	97.8	0.72	0.28	12.7	0.213	2.33	3.6
N828603		40.8	187.5	<0.002	0.05	6.23	10.7	1	2.2	167.0	0.57	0.21	15.3	0.234	2.23	3.2
N828604		133.5	125.5	<0.002	0.13	19.55	7.0	1	3.2	54.2	0.56	0.52	16.5	0.131	1.60	4.3
N828605		58.0	160.5	<0.002	0.07	11.20	11.0	1	2.7	63.2	0.65	0.29	14.7	0.256	1.80	3.7
N828606		90.0	155.5	<0.002	0.10	10.50	10.1	1	3.0	70.1	0.69	0.19	15.0	0.250	1.70	2.8
N828607		74.5	180.5	<0.002	0.14	10.75	10.5	1	3.1	71.4	0.68	0.73	14.1	0.230	2.37	3.9
N828608		281	166.0	<0.002	0.72	23.2	9.3	1	5.9	105.0	0.68	0.51	13.0	0.240	2.97	2.3
N828609		819	184.0	<0.002	0.28	64.9	8.9	1	25.0	77.4	0.74	0.54	9.2	0.283	4.00	1.9
N828610		1070	190.0	<0.002	0.48	8.43	9.0	1	23.2	63.0	0.66	0.49	11.3	0.253	3.66	2.1
N828611		1045	189.5	<0.002	0.48	9.87	8.9	1	21.9	36.0	0.66	0.22	10.2	0.245	3.59	1.7
N828612		631	179.0	<0.002	0.39	8.75	10.0	1	10.8	45.5	0.70	0.35	16.3	0.251	3.39	3.9
N828613		1515	239	0.002	0.35	73.3	12.5	1	50.0	65.3	1.13	0.92	11.3	0.369	5.66	2.0
N828614		4.4	2.2	<0.002	0.01	0.18	0.3	<1	0.3	46.5	<0.05	<0.05	<0.2	0.005	0.03	0.5
N828615		214	175.0	<0.002	0.22	14.95	9.5	1	3.4	94.7	0.64	0.22	14.7	0.242	2.67	4.1
N828616		311	190.5	<0.002	0.33	8.23	9.6	2	7.1	69.2	0.55	0.75	14.7	0.230	2.71	3.2
N828617		109.5	138.0	<0.002	0.09	4.21	10.6	1	2.7	202	0.55	0.11	14.8	0.239	1.69	2.7
N828618		116.0	136.5	<0.002	0.05	4.80	12.1	1	2.7	121.0	0.65	0.14	15.3	0.257	1.67	4.5
N828619		119.0	139.5	<0.002	0.04	4.26	10.9	1	2.3	175.0	0.60	0.14	15.0	0.253	1.67	3.5
N828620		180.0	162.0	<0.002	0.08	6.39	10.5	1	2.5	103.5	0.62	0.21	15.3	0.265	2.14	3.6



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**CERTIFICATE OF ANALYSIS WH12144365**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N829785		67	2.9	25.7	1000	29.2
N829786		70	1.8	17.8	518	31.2
N829787		71	2.9	16.5	470	30.9
N829788		65	1.6	15.4	582	29.3
N829789		68	2.3	20.5	299	39.3
N829790		65	3.4	31.0	562	35.1
N829791		64	2.5	15.9	191	38.3
N829792		58	1.2	17.9	245	34.8
N829793		73	2.5	20.8	218	42.5
N829794		70	8.9	15.3	152	39.3
N829795		74	6.9	16.6	202	38.1
N829796		56	2.8	16.3	255	41.2
N829797		54	1.5	14.0	162	34.1
N829798		60	4.9	9.6	5470	25.4
N829799		66	1.2	14.1	110	33.2
N829800		63	1.0	15.0	94	32.5
N828601		71	2.9	21.5	220	38.3
N828602		57	2.5	14.1	200	35.6
N828603		67	2.1	17.7	272	33.5
N828604		63	3.3	21.0	703	30.0
N828605		73	3.9	18.4	505	31.9
N828606		71	2.6	14.6	365	32.9
N828607		66	3.0	12.8	440	31.5
N828608		59	8.5	9.0	93	32.9
N828609		67	13.2	6.1	167	37.5
N828610		65	13.7	5.8	422	34.2
N828611		65	13.5	5.3	421	34.9
N828612		70	9.5	7.5	1050	32.2
N828613		86	19.9	6.6	70	49.2
N828614		2	0.1	0.8	18	0.5
N828615		68	3.7	9.1	574	32.8
N828616		74	4.7	9.0	644	30.7
N828617		66	2.2	9.9	383	28.0
N828618		71	2.2	12.4	598	33.3
N828619		71	1.6	11.1	441	28.7
N828620		74	2.0	11.0	501	28.6



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**CERTIFICATE OF ANALYSIS WH12144365**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Page: 1  
Finalized Date: 11-JUL-2012  
Account: ROCKHA

**CERTIFICATE WH12144366**

Project: Klaza TR-12-8

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 11-JUL-2012  
Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144366**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828621		2.63	0.062	1.26	8.19	83.4	2380	1.35	1.98	0.15	2.76	43.2	6.7	7	10.85	73.5
N828622		4.01	0.066	1.50	7.70	214	1250	1.24	1.75	0.21	2.61	75.0	5.2	7	25.9	39.4
N828623		3.46	0.240	3.46	6.19	84.5	1310	1.00	3.96	0.17	0.97	52.7	0.6	6	9.44	14.0
N828624		3.04	0.097	2.46	7.53	150.5	1410	1.27	3.66	0.16	1.43	43.4	7.1	8	15.65	39.2
N828625		2.21	0.073	2.27	7.98	127.0	1870	1.41	4.07	0.19	3.19	37.8	10.0	7	14.65	33.0
N828626		3.33	0.182	4.81	7.31	202	2560	1.38	5.57	0.13	3.05	49.2	3.2	7	12.85	29.0
N828627		5.77	0.106	4.15	7.69	148.0	2500	1.37	6.47	0.15	1.61	50.8	2.2	6	18.10	52.5
N828628		3.43	0.156	3.19	7.85	133.0	3050	1.17	3.86	0.16	1.09	52.1	1.6	7	18.95	39.2
N828629		3.48	0.070	2.40	7.94	172.5	1550	1.15	4.82	0.18	1.27	56.3	1.8	7	21.2	33.0
N828630		4.30	0.282	6.53	7.58	179.5	1770	1.25	16.50	0.17	1.19	60.7	1.3	9	9.61	23.1
N828631		4.10	0.062	2.70	7.81	144.5	2210	1.42	2.92	0.39	1.56	49.7	3.1	7	12.50	46.4
N828632		3.75	0.044	1.43	7.79	53.1	2370	1.53	3.25	0.83	3.91	40.6	5.8	8	10.45	44.6
N828633		3.54	0.044	1.27	7.97	50.7	2020	1.57	2.59	0.49	2.12	36.9	4.6	8	12.85	38.7
N828634		4.67	0.071	1.23	7.81	51.6	2440	1.70	3.03	0.60	3.50	48.9	6.9	7	10.95	53.7
N828635		4.31	0.100	2.32	8.13	162.0	2280	1.79	3.62	0.18	5.59	61.3	7.1	7	22.8	66.6
N828636		3.61	0.366	6.00	7.72	132.5	1820	1.67	10.05	0.11	3.71	61.6	2.8	7	15.75	57.6
N828637		4.66	0.375	4.58	6.94	242	900	1.30	7.98	0.13	2.67	61.2	1.4	7	12.00	15.9
N828638		1.85	0.579	2.45	7.59	231	1130	1.31	1.72	0.11	2.87	54.6	2.5	7	18.00	61.7
N828639		6.56	0.150	1.40	7.81	136.5	2110	1.53	2.25	1.02	4.08	53.2	6.4	10	10.15	42.2
N828640		0.25	2.34	25.4	6.01	2930	170	1.44	19.05	2.24	85.0	41.1	10.2	19	13.75	432
N828641		2.76	0.052	0.93	7.85	49.8	2090	1.61	1.73	0.87	4.36	51.7	7.7	10	9.15	35.3
N828642		4.15	0.047	1.04	8.61	34.0	2310	1.61	1.79	0.33	4.79	39.9	8.9	8	12.45	40.5
N828643		3.07	0.115	0.53	7.72	165.0	2150	1.62	1.11	0.86	7.33	54.7	9.6	9	8.05	25.5
N828644		3.73	0.068	0.45	8.00	59.7	3820	2.30	1.50	0.30	20.3	72.6	19.7	8	17.40	56.6
N828645		2.41	0.571	1.22	7.59	124.5	1490	1.56	1.79	0.14	3.37	69.6	3.3	7	20.2	42.1
N828646		2.92	0.063	1.09	7.31	73.9	1960	1.53	2.13	0.18	4.65	38.2	7.8	9	10.00	86.3
N828647		4.51	0.060	0.94	7.98	53.8	2270	1.64	1.88	0.13	9.21	56.9	11.4	8	11.40	60.6
N828648		4.79	0.053	0.43	8.18	37.4	2390	2.09	1.37	0.14	9.23	52.1	11.7	7	13.85	75.1
N828649		2.64	0.027	0.44	8.44	25.5	2230	1.53	1.67	0.12	4.45	35.9	3.3	6	14.90	59.9
N828650		3.53	0.358	1.17	8.24	49.3	2880	1.33	2.75	0.14	2.83	42.8	2.8	7	13.80	47.6
N828651		3.88	0.050	0.52	8.62	19.5	2840	1.75	2.64	0.13	5.15	45.1	6.8	7	12.40	46.7
N828652		4.54	0.059	0.77	8.34	39.0	2930	1.94	2.01	0.12	10.25	55.1	9.0	7	15.00	40.7
N828653		3.26	0.063	1.38	8.60	45.9	2330	2.17	2.25	0.15	18.30	57.6	12.6	7	20.2	57.0
N828654		5.23	0.132	3.00	7.70	166.5	1890	1.57	4.72	0.10	4.66	64.3	3.3	7	22.0	24.1
N828655		5.63	<0.005	0.01	0.09	<5	30	0.05	0.03	21.5	0.10	1.19	1.5	<1	0.23	1.7
N828656		2.74	0.062	1.63	8.40	69.8	2700	1.31	2.05	0.14	2.02	41.4	2.3	5	9.55	26.8





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Plus Appendix Pages  
Finalized Date: 11-JUL-2012  
Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144366**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828621		4.99	17.10	0.10	1.1	0.374	3.68	25.2	26.5	0.24	285	4.85	0.16	7.2	3.0	640
N828622		5.24	16.00	0.12	1.1	0.360	3.16	44.5	14.6	0.23	432	4.03	0.05	7.1	2.5	670
N828623		2.39	14.80	0.10	1.1	0.322	2.72	29.7	11.7	0.27	155	3.18	0.09	7.2	1.2	230
N828624		5.01	16.25	0.12	1.0	0.466	3.19	24.1	10.2	0.25	649	2.74	0.05	6.2	2.6	520
N828625		5.33	17.40	0.12	1.1	0.488	2.87	21.0	14.7	0.34	544	4.28	0.16	6.2	2.9	750
N828626		4.24	18.45	0.13	1.0	0.639	3.12	28.7	10.4	0.28	206	10.65	0.07	5.7	1.7	500
N828627		3.72	17.10	0.13	1.0	0.607	3.20	27.8	20.6	0.22	134	8.79	0.06	7.1	1.9	610
N828628		3.60	16.95	0.14	1.1	0.585	3.17	28.4	13.9	0.21	130	4.32	0.08	7.4	1.8	600
N828629		3.72	17.10	0.14	1.2	0.417	2.95	30.3	24.2	0.20	136	3.60	0.09	7.7	2.0	690
N828630		2.64	17.45	0.15	1.2	0.455	3.41	34.0	11.9	0.30	228	4.02	0.16	7.5	1.5	340
N828631		4.77	16.15	0.14	1.2	0.418	3.30	27.5	15.5	0.39	189	3.87	0.86	7.4	2.3	620
N828632		4.30	18.20	0.11	1.3	0.297	2.59	22.8	15.0	0.64	379	2.92	1.73	8.2	2.9	610
N828633		3.72	18.55	0.10	1.3	0.377	2.58	24.0	14.4	0.45	310	2.30	1.59	8.1	2.7	540
N828634		3.83	17.15	0.12	1.3	0.265	2.76	27.8	13.7	0.53	364	2.27	1.30	7.7	3.2	560
N828635		3.70	18.35	0.15	1.2	0.414	3.97	33.8	18.1	0.23	431	2.94	0.30	8.2	2.7	640
N828636		3.92	16.90	0.13	1.1	1.300	3.55	35.0	12.0	0.26	388	4.25	0.07	7.1	1.9	540
N828637		2.84	17.55	0.13	1.3	0.633	3.07	34.6	14.2	0.28	256	3.40	0.12	8.8	1.4	390
N828638		6.11	15.65	0.14	1.0	0.760	3.36	32.0	11.9	0.22	382	4.24	0.06	7.4	1.9	770
N828639		4.21	17.15	0.13	1.2	0.409	2.78	33.3	16.3	0.54	450	3.86	1.64	8.0	3.3	730
N828640		6.82	14.20	0.12	0.9	1.515	2.62	21.7	26.8	0.92	1880	12.85	0.04	5.5	13.7	440
N828641		3.72	17.45	0.13	1.3	0.255	2.77	29.5	15.1	0.51	532	3.83	1.53	8.0	3.4	620
N828642		4.09	18.35	0.12	1.1	0.222	2.72	24.8	20.1	0.21	388	5.16	0.94	8.2	2.9	590
N828643		3.36	16.70	0.13	1.2	0.179	2.60	28.4	15.7	0.54	815	2.36	1.47	7.9	3.1	580
N828644		3.64	16.25	0.14	1.2	0.196	2.96	35.3	14.9	0.37	1900	2.24	0.69	7.5	4.2	610
N828645		3.27	15.40	0.12	1.1	0.190	3.19	43.3	16.6	0.28	196	7.24	0.07	6.7	2.5	490
N828646		3.52	15.20	0.11	1.1	0.276	2.82	21.3	24.1	0.23	364	9.73	0.20	6.5	3.3	620
N828647		3.69	17.15	0.14	1.1	0.351	3.00	27.9	24.5	0.21	780	3.21	0.13	7.1	2.7	600
N828648		3.88	15.80	0.13	1.3	0.182	2.92	23.2	35.3	0.13	649	3.91	0.16	8.1	3.7	590
N828649		3.43	17.20	0.11	1.2	0.208	3.09	19.1	25.3	0.17	142	4.10	0.21	8.4	1.8	560
N828650		3.12	16.70	0.11	1.3	0.203	3.03	25.0	28.2	0.18	150	3.63	0.12	7.8	2.0	570
N828651		3.05	17.40	0.12	1.3	0.167	2.60	23.6	35.6	0.17	269	5.30	0.06	7.5	2.0	620
N828652		4.01	15.75	0.15	1.2	0.234	3.01	29.7	30.0	0.21	597	3.93	0.08	7.4	2.5	620
N828653		3.86	16.25	0.14	1.2	0.354	3.37	30.1	20.5	0.24	942	5.23	0.07	7.0	3.4	620
N828654		3.58	16.60	0.14	1.4	0.498	2.82	37.0	33.0	0.24	233	7.25	0.07	7.7	1.8	520
N828655		0.50	0.78	0.20	<0.1	0.005	0.04	0.6	1.2	12.75	218	0.13	<0.01	0.3	<0.2	170
N828656		2.33	17.10	0.08	1.3	0.246	2.74	23.2	45.1	0.16	120	4.49	0.07	8.7	2.5	360



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Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144366**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828621		132.5	183.0	<0.002	0.09	6.28	9.4	1	3.0	85.6	0.60	0.19	17.3	0.225	2.59	3.7
N828622		260	174.0	<0.002	0.63	8.86	10.3	1	2.9	85.6	0.60	0.20	18.1	0.233	3.33	3.5
N828623		497	160.0	<0.002	0.48	11.85	8.1	1	6.4	59.5	0.62	0.41	8.1	0.233	3.17	1.6
N828624		217	191.5	<0.002	0.37	15.80	9.1	1	3.4	59.0	0.55	0.87	14.4	0.213	3.18	3.3
N828625		174.5	175.5	<0.002	0.39	8.37	10.0	2	3.9	83.2	0.57	0.55	17.8	0.214	2.90	3.6
N828626		345	171.0	<0.002	0.41	14.65	9.3	2	5.8	68.3	0.51	0.53	14.3	0.194	3.21	2.4
N828627		376	168.5	<0.002	0.40	14.25	9.6	1	3.3	85.1	0.58	0.50	15.7	0.236	3.26	3.1
N828628		233	161.0	<0.002	0.34	10.00	9.2	1	3.3	60.8	0.65	0.20	14.6	0.242	3.30	3.1
N828629		223	149.5	<0.002	0.42	11.65	10.1	1	2.6	123.0	0.66	0.23	16.8	0.253	2.81	3.1
N828630		606	182.5	<0.002	0.26	21.7	9.2	1	12.8	65.2	0.66	0.33	11.2	0.257	3.73	2.0
N828631		218	160.0	<0.002	0.30	8.98	9.9	1	2.8	148.0	0.63	0.27	17.0	0.240	2.55	3.2
N828632		172.5	124.0	<0.002	0.06	6.00	10.1	2	2.8	237	0.68	0.22	16.2	0.238	1.57	3.2
N828633		357	131.0	<0.002	0.18	7.37	10.6	1	3.9	196.0	0.66	0.30	16.3	0.233	1.75	3.0
N828634		114.5	137.5	<0.002	0.08	6.56	11.9	1	2.5	202	0.63	0.30	16.0	0.233	1.76	3.7
N828635		208	198.0	<0.002	0.28	7.69	12.3	2	3.1	96.4	0.65	0.17	16.5	0.247	3.59	4.9
N828636		505	196.0	<0.002	0.22	9.95	9.9	2	7.2	58.3	0.58	0.95	14.8	0.219	3.65	4.3
N828637		420	177.5	<0.002	0.19	13.95	8.2	1	12.0	75.6	0.71	0.33	11.2	0.265	3.34	1.8
N828638		503	180.0	<0.002	0.19	8.64	8.2	1	3.8	48.0	0.56	0.12	11.2	0.237	3.49	3.5
N828639		175.0	131.5	<0.002	0.13	5.22	9.6	1	3.0	265	0.61	0.22	15.3	0.257	1.79	3.6
N828640		2760	159.0	0.002	4.83	94.8	7.7	2	7.8	91.9	0.43	0.40	9.6	0.171	2.29	4.7
N828641		152.0	135.5	<0.002	0.07	5.85	10.6	2	2.6	231	0.66	0.34	14.2	0.256	1.67	3.4
N828642		137.0	122.0	<0.002	0.05	14.00	11.6	2	2.5	152.5	0.64	0.49	15.9	0.261	1.63	4.4
N828643		110.0	128.5	<0.002	0.06	6.98	10.4	2	2.5	211	0.67	0.16	13.7	0.251	1.76	3.4
N828644		44.1	163.5	<0.002	0.15	7.58	11.0	2	2.1	110.5	0.63	0.29	15.6	0.235	2.85	6.8
N828645		107.0	188.5	<0.002	0.29	12.95	9.6	2	3.2	80.7	0.55	0.40	12.9	0.213	3.32	4.7
N828646		181.5	149.0	<0.002	0.11	13.65	9.6	2	3.3	74.4	0.53	0.37	13.4	0.210	2.13	4.3
N828647		119.5	157.5	<0.002	0.08	17.90	9.5	1	2.8	57.0	0.60	0.35	13.9	0.230	2.35	4.7
N828648		52.6	127.0	<0.002	0.03	24.0	10.4	1	2.1	65.0	0.68	0.15	15.2	0.246	1.75	6.5
N828649		49.9	151.5	<0.002	0.02	15.45	9.9	2	2.4	61.0	0.69	0.27	15.7	0.259	2.06	4.4
N828650		166.5	158.0	<0.002	0.10	18.95	8.8	2	2.7	61.1	0.66	0.30	15.1	0.245	2.26	3.5
N828651		51.7	133.0	<0.002	0.07	21.6	10.9	2	2.2	46.3	0.66	0.16	16.5	0.236	1.91	5.1
N828652		105.0	155.5	<0.002	0.15	18.15	10.4	2	2.8	57.2	0.63	0.44	15.4	0.235	2.59	5.2
N828653		228	187.5	<0.002	0.09	9.68	11.2	2	3.5	39.6	0.60	0.36	16.1	0.229	3.19	6.5
N828654		455	168.0	<0.002	0.24	22.0	7.8	2	5.3	128.5	0.69	1.02	14.2	0.236	2.60	3.1
N828655		2.2	1.6	<0.002	0.02	0.07	<0.1	1	<0.2	46.3	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N828656		178.5	142.5	<0.002	0.26	16.20	5.8	1	3.0	130.5	0.75	0.26	10.7	0.270	1.86	2.5



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**CERTIFICATE OF ANALYSIS WH12144366**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828621		64	2.0	11.0	545	30.0
N828622		65	3.3	10.0	672	25.4
N828623		54	7.9	5.3	84	29.0
N828624		62	3.2	9.7	636	24.2
N828625		68	2.3	11.0	631	24.2
N828626		72	3.6	7.7	378	23.9
N828627		70	2.7	8.7	374	24.0
N828628		67	4.9	7.9	291	28.1
N828629		72	3.8	7.3	293	28.0
N828630		66	11.2	6.9	179	28.5
N828631		67	3.1	7.5	381	28.9
N828632		67	2.1	12.7	326	37.9
N828633		71	1.9	9.2	377	31.0
N828634		66	1.6	13.3	385	34.8
N828635		69	3.3	11.5	592	31.1
N828636		62	5.3	10.5	646	26.9
N828637		59	9.8	7.3	208	36.7
N828638		68	3.1	8.7	1260	23.3
N828639		72	2.0	13.1	349	29.1
N828640		57	4.9	8.9	5320	21.8
N828641		70	2.2	13.5	454	30.6
N828642		72	2.3	15.4	556	28.7
N828643		70	2.2	16.3	397	27.8
N828644		65	2.4	23.4	861	28.1
N828645		61	4.0	11.1	319	27.4
N828646		65	2.8	11.2	363	26.3
N828647		67	2.7	17.1	543	27.6
N828648		65	3.9	18.8	628	33.5
N828649		71	2.4	12.2	326	31.3
N828650		70	3.2	10.0	306	30.5
N828651		70	4.0	12.8	362	31.2
N828652		69	3.1	15.4	676	29.0
N828653		68	2.7	20.5	862	28.6
N828654		63	3.8	11.2	478	32.6
N828655		3	0.1	0.7	19	<0.5
N828656		64	3.2	8.3	281	31.7



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**CERTIFICATE OF ANALYSIS WH12144366**

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.



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**CERTIFICATE WH12144367**

Project: Klaza TR-12-8

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12144367**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828657		6.95	0.230	3.75	7.34	79.5	2050	1.29	5.13	0.26	2.98	48.9	2.9	12	8.96	27.0
N828658		3.59	0.168	4.04	7.36	154.0	1710	1.44	5.11	0.17	4.60	58.9	2.5	9	17.35	57.6
N828659		3.25	0.139	4.06	7.42	107.5	1940	1.57	5.66	0.09	4.15	64.1	4.3	12	11.65	38.3
N828660		3.32	0.135	4.99	6.95	160.5	1610	1.37	8.60	0.12	3.69	53.6	3.4	10	36.8	39.4
N828661		4.25	0.071	1.90	8.25	66.6	2520	1.57	3.75	0.17	4.32	49.3	7.4	12	16.55	92.1
N828662		3.06	0.039	0.90	7.79	45.1	2230	1.72	2.40	0.31	3.91	42.3	4.4	10	10.60	99.6
N828663		4.11	0.044	1.39	7.73	95.4	2330	1.88	3.33	0.13	4.23	42.8	6.8	10	13.05	97.5
N828664		3.79	1.210	50.9	7.14	568	2120	1.73	47.6	0.14	6.18	70.0	2.8	18	20.1	371
N828665		4.41	0.916	9.43	7.82	225	1630	2.02	16.80	0.16	6.68	66.5	5.3	24	16.35	297
N828666		4.01	0.080	1.49	8.24	52.5	1730	2.42	1.71	0.31	23.9	66.1	9.6	25	18.70	147.5
N828667		3.49	0.040	1.16	7.48	51.8	2100	1.95	1.31	0.24	14.00	65.1	9.7	23	13.75	107.0
N828668		4.50	0.059	1.33	8.07	70.6	1370	2.90	1.23	0.28	34.2	76.0	18.6	27	14.15	258
N828669		3.91	0.228	6.26	6.27	129.5	860	1.62	4.25	0.13	6.89	56.0	2.5	10	15.40	95.0
N828670		3.90	0.042	1.91	7.13	114.5	1410	1.38	2.07	0.15	6.08	53.9	4.7	8	14.40	59.8
N828671		3.00	0.061	1.92	7.21	161.0	1290	1.42	1.96	0.12	4.01	52.8	5.3	7	10.15	50.6
N828672		2.67	0.196	2.22	4.18	92.5	1550	0.90	1.91	0.06	1.61	31.2	1.6	20	4.72	35.1
N828673		4.12	0.087	1.54	8.03	85.4	2840	1.83	1.79	0.15	15.60	49.2	15.2	11	7.52	93.3
N828674		3.58	0.050	1.43	7.60	65.2	1940	1.76	1.65	0.16	5.63	57.9	5.9	10	5.92	93.4
N828675		4.41	0.082	1.52	8.11	90.9	2250	1.46	2.33	0.22	5.38	36.2	4.2	8	9.32	43.2
N828676		4.21	0.055	1.55	8.09	101.0	2440	1.81	2.42	0.17	6.88	54.3	6.2	9	8.32	70.6
N828677		4.37	0.050	0.97	8.14	69.1	2190	1.67	1.77	0.15	8.25	46.8	8.8	10	7.91	58.0
N828678		3.69	0.032	1.06	7.70	53.7	7210	1.64	1.60	0.15	8.80	43.2	15.8	11	8.26	69.2
N828679		0.19	2.25	26.5	6.10	2850	980	1.46	18.85	2.28	82.7	42.5	10.6	19	13.10	436
N828680		3.91	0.072	1.61	6.94	92.2	2620	1.26	4.43	0.15	4.91	34.7	14.4	14	7.91	194.0
N828681		2.90	0.058	1.01	7.44	60.2	3070	1.59	3.70	0.17	4.34	46.6	6.2	12	7.48	102.0
N828682		3.62	0.057	0.77	8.24	39.4	2420	1.49	6.12	0.22	4.26	30.0	4.8	9	8.49	52.7
N828683		2.22	0.033	0.67	8.20	50.5	2820	1.90	3.26	0.30	6.39	42.5	5.5	9	10.80	67.7
N828684		3.32	0.025	0.54	8.31	38.3	2460	1.34	1.25	0.20	4.93	41.0	3.1	12	10.30	38.6
N828685		3.56	0.072	2.43	7.32	126.5	1670	1.69	2.04	0.12	6.17	69.9	1.6	11	14.95	125.0
N828686		2.87	0.033	1.21	7.54	77.5	1570	1.68	1.96	0.11	3.88	54.3	1.9	9	8.96	84.9
N828687		2.35	0.386	2.75	7.09	171.5	2600	1.57	1.80	0.16	7.64	59.8	1.8	8	12.50	104.0
N828688		2.83	0.038	0.87	8.26	35.8	1490	1.83	1.33	0.14	4.17	56.0	2.0	8	9.22	80.8
N828689		2.29	0.049	2.26	8.28	57.0	1890	2.06	1.23	0.10	5.37	41.3	2.1	10	7.57	105.5
N828690		3.21	0.058	2.38	6.57	77.7	1830	1.25	1.53	0.18	5.27	36.9	1.3	13	9.75	67.3
N828691		2.08	<0.005	0.02	0.10	<5	20	0.07	0.03	21.6	0.11	1.24	1.3	1	0.26	2.1
N828692		3.20	0.107	2.75	7.16	156.5	2040	1.40	2.61	0.16	3.35	46.5	1.0	11	7.78	68.5



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**CERTIFICATE OF ANALYSIS WH12144367**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828657		3.04	15.60	0.11	1.2	0.660	3.15	27.1	14.3	0.30	265	7.81	0.29	6.6	2.3	410
N828658		4.70	16.80	0.12	1.2	1.195	3.15	36.0	13.9	0.24	211	6.49	0.08	7.2	2.5	510
N828659		5.10	15.35	0.11	1.0	1.340	3.38	36.4	8.2	0.27	224	4.99	0.06	5.5	1.4	520
N828660		5.14	16.00	0.14	1.2	0.700	2.83	34.1	18.0	0.28	232	4.60	0.05	6.5	1.7	380
N828661		4.98	16.85	0.12	1.1	0.401	3.15	29.7	24.7	0.42	410	3.82	0.11	6.8	2.9	650
N828662		3.99	16.80	0.11	1.1	0.301	3.15	21.8	10.4	0.37	253	3.06	1.00	6.7	3.2	560
N828663		4.37	16.50	0.11	1.2	0.514	3.39	23.0	26.1	0.30	372	4.24	0.13	7.1	4.5	630
N828664		5.47	19.00	0.13	2.3	2.92	2.76	45.3	21.9	0.25	158	9.35	0.07	7.5	3.6	860
N828665		5.40	18.50	0.13	3.3	0.758	2.91	38.4	28.0	0.23	246	9.49	0.06	9.3	6.5	820
N828666		3.75	19.50	0.13	3.3	0.249	3.06	34.8	46.7	0.22	1040	5.52	0.06	10.1	10.3	920
N828667		3.05	17.75	0.12	3.6	0.140	2.67	33.3	97.2	0.21	827	12.30	0.07	9.3	10.0	830
N828668		4.40	21.5	0.10	3.8	0.158	2.74	34.0	96.6	0.25	1670	10.20	0.15	10.1	17.2	940
N828669		3.49	15.50	0.08	1.5	0.522	2.56	31.2	28.1	0.22	215	12.95	0.06	7.1	3.1	400
N828670		5.15	15.75	0.08	1.3	0.414	2.56	29.6	23.0	0.19	359	5.12	0.05	7.8	3.4	750
N828671		3.79	16.05	0.08	1.2	0.429	2.46	29.0	33.9	0.21	323	7.28	0.05	6.9	3.1	530
N828672		1.84	10.85	<0.05	0.8	0.299	1.93	17.4	11.1	0.19	83	23.1	0.05	4.0	1.8	250
N828673		3.15	18.10	0.09	1.1	0.411	3.26	22.3	19.6	0.32	977	4.75	0.18	6.0	4.1	670
N828674		2.98	16.95	0.11	1.0	0.254	2.78	28.4	17.1	0.26	204	8.79	0.34	4.6	3.1	650
N828675		3.18	18.00	0.09	1.1	0.196	3.25	18.6	21.6	0.34	208	3.10	0.36	7.3	2.9	520
N828676		3.87	17.50	0.12	1.0	0.413	3.03	25.9	11.0	0.29	199	15.85	0.91	5.4	3.7	660
N828677		3.71	15.35	0.12	1.0	0.381	3.17	21.1	9.4	0.33	328	8.91	0.67	4.6	4.0	660
N828678		3.67	16.45	0.11	1.1	0.222	3.31	19.8	13.0	0.40	433	5.61	0.16	5.7	4.1	640
N828679		6.97	14.50	0.10	1.0	1.610	2.66	21.4	25.4	0.94	1900	13.50	0.04	5.9	15.8	450
N828680		3.43	15.05	0.09	1.2	0.215	3.05	17.5	14.6	0.28	203	11.95	0.34	5.3	2.7	600
N828681		3.06	16.70	0.10	1.2	0.147	3.03	24.6	14.9	0.33	179	5.14	0.32	5.7	3.3	530
N828682		2.84	17.35	0.09	1.2	0.199	2.91	16.9	18.5	0.21	182	1.85	0.46	7.5	2.1	520
N828683		4.55	16.70	0.12	1.2	0.268	2.68	22.0	13.3	0.50	305	2.60	1.08	7.4	3.1	580
N828684		3.39	16.55	0.10	1.2	0.163	3.03	23.8	22.3	0.25	180	2.05	0.21	7.6	2.6	520
N828685		3.72	14.65	0.12	1.0	0.821	3.10	39.9	13.3	0.26	163	3.11	0.07	6.0	2.4	580
N828686		2.95	14.75	0.12	1.0	0.551	2.69	28.8	22.5	0.25	125	2.61	0.05	5.7	4.7	560
N828687		5.03	14.55	0.13	0.9	0.534	2.98	33.3	12.5	0.26	246	3.75	0.05	6.1	2.8	560
N828688		2.77	16.20	0.11	1.1	0.301	2.66	26.1	27.8	0.24	175	1.54	0.10	7.2	1.9	520
N828689		3.56	15.90	0.13	1.0	0.628	3.45	17.5	13.3	0.31	166	3.78	0.05	5.7	3.4	650
N828690		5.05	12.60	0.11	0.8	1.490	2.93	17.9	11.4	0.26	223	6.16	0.06	4.0	1.6	670
N828691		0.50	0.67	0.19	<0.1	0.008	0.04	0.6	1.2	12.80	210	0.66	0.01	0.3	<0.2	170
N828692		5.10	14.65	0.12	1.0	0.646	3.23	21.7	36.2	0.30	187	5.23	0.07	5.4	1.8	510



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**CERTIFICATE OF ANALYSIS WH12144367**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828657		406	157.0	0.003	0.14	10.65	8.4	1	5.7	74.0	0.62	0.60	11.7	0.227	2.64	3.2
N828658		608	177.5	0.005	0.51	8.82	9.4	1	8.3	43.1	0.63	0.29	13.2	0.206	2.92	3.3
N828659		625	183.0	0.008	0.26	6.49	9.7	<1	6.1	25.0	0.46	0.75	14.3	0.172	2.97	3.7
N828660		485	164.0	0.009	0.12	15.90	8.2	<1	7.1	38.9	0.59	0.74	9.5	0.191	2.90	2.4
N828661		206	156.0	0.007	0.15	9.04	10.8	1	3.1	78.2	0.64	0.31	16.0	0.220	2.30	4.9
N828662		89.5	164.5	0.004	0.07	6.21	10.8	1	2.8	127.0	0.57	0.27	14.1	0.209	2.43	5.0
N828663		302	166.5	<0.002	0.12	8.52	10.5	1	3.5	72.2	0.62	0.20	15.6	0.215	2.67	6.8
N828664		5010	162.0	0.004	0.41	74.9	9.1	2	50.7	195.5	0.61	0.65	15.7	0.218	2.55	6.4
N828665		882	148.5	0.008	0.14	55.7	9.4	2	8.2	150.0	0.74	0.27	14.5	0.259	2.63	10.1
N828666		165.0	140.0	0.005	0.08	26.0	8.2	1	2.2	107.0	0.79	<0.05	13.4	0.250	2.75	9.9
N828667		123.0	124.0	0.003	0.09	34.6	7.7	1	1.7	143.5	0.78	<0.05	12.6	0.236	2.39	9.8
N828668		106.5	137.0	<0.002	0.07	30.1	11.3	2	1.8	217	0.73	0.07	12.6	0.256	2.45	14.9
N828669		445	152.0	<0.002	0.22	41.3	9.9	1	6.2	77.9	0.57	0.20	11.3	0.212	2.77	5.1
N828670		364	140.5	<0.002	0.25	15.95	12.2	2	2.9	73.6	0.65	0.19	20.1	0.228	2.63	6.5
N828671		573	139.5	<0.002	0.32	17.55	10.3	1	3.2	77.0	0.58	0.24	17.8	0.216	2.15	4.7
N828672		627	118.0	0.003	0.24	13.95	7.2	1	2.6	39.0	0.33	0.31	8.4	0.124	1.57	2.0
N828673		173.0	174.0	<0.002	0.20	8.93	11.9	1	2.8	43.9	0.50	0.40	17.7	0.179	2.58	5.6
N828674		296	138.5	0.002	0.11	10.15	9.3	1	2.8	38.2	0.40	0.31	16.1	0.150	2.06	4.1
N828675		231	148.5	<0.002	0.12	10.20	10.1	1	3.9	79.6	0.61	0.21	13.2	0.221	1.97	3.8
N828676		212	147.0	0.006	0.14	9.50	11.4	2	3.4	87.9	0.45	0.46	14.7	0.171	2.14	4.4
N828677		144.5	156.0	<0.002	0.06	8.73	9.5	1	3.0	59.8	0.46	0.29	14.7	0.160	2.41	4.7
N828678		141.0	172.0	<0.002	0.22	8.85	10.3	2	2.8	98.8	0.49	0.28	14.3	0.179	2.64	3.9
N828679		2830	158.5	0.002	4.93	95.2	8.5	2	8.1	92.5	0.46	0.44	10.2	0.181	2.31	5.2
N828680		114.5	140.5	<0.002	0.18	19.70	9.9	1	1.8	68.3	0.46	0.23	13.9	0.176	1.86	5.3
N828681		88.6	154.0	<0.002	0.13	15.05	9.8	1	2.0	67.5	0.51	0.17	13.5	0.182	2.03	4.8
N828682		66.7	123.0	<0.002	0.06	30.0	10.6	1	2.4	86.5	0.66	0.08	13.0	0.239	1.55	4.3
N828683		68.1	119.5	<0.002	0.09	10.05	11.1	2	2.8	139.5	0.68	0.15	16.0	0.228	1.54	5.7
N828684		62.0	120.0	<0.002	0.11	12.00	10.0	1	2.4	96.7	0.68	0.06	15.4	0.244	1.47	4.9
N828685		691	168.5	<0.002	0.43	10.25	10.2	1	5.5	64.3	0.51	0.19	15.1	0.186	2.53	5.0
N828686		180.0	132.5	<0.002	0.23	16.85	9.9	1	3.0	50.7	0.52	0.18	14.4	0.182	2.23	6.0
N828687		514	160.5	<0.002	0.60	19.10	9.8	1	7.1	42.0	0.52	0.28	13.0	0.201	2.69	4.9
N828688		118.0	138.5	<0.002	0.21	19.20	10.4	2	3.6	87.9	0.63	0.15	14.7	0.228	2.01	4.2
N828689		648	188.5	<0.002	0.12	12.30	10.7	2	4.6	25.0	0.49	0.27	15.0	0.185	2.99	4.7
N828690		1235	150.5	<0.002	0.97	8.92	9.3	1	4.6	37.9	0.37	0.24	16.6	0.135	2.72	2.9
N828691		5.2	2.0	<0.002	0.01	0.23	0.5	1	<0.2	45.0	<0.05	<0.05	0.2	<0.005	0.02	0.5
N828692		628	189.5	<0.002	0.69	7.32	9.5	1	7.6	32.8	0.47	0.34	15.2	0.179	2.78	2.3





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 Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144367**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828657		57	4.3	11.4	424	28.8
N828658		61	4.8	12.7	717	28.5
N828659		58	3.4	11.0	929	24.2
N828660		51	4.6	9.3	762	30.4
N828661		61	2.2	13.7	703	28.7
N828662		64	1.8	13.3	480	29.9
N828663		64	2.9	13.4	811	29.6
N828664		64	6.0	14.0	680	69.3
N828665		70	4.5	19.8	1220	118.5
N828666		70	6.3	21.1	865	113.5
N828667		63	4.5	17.8	711	109.5
N828668		74	5.2	31.1	1510	147.0
N828669		58	6.1	11.6	549	49.2
N828670		62	2.6	15.5	1290	35.0
N828671		60	2.7	12.4	835	30.0
N828672		47	2.4	5.4	105	20.1
N828673		64	1.9	14.0	663	30.1
N828674		53	1.6	9.8	403	26.7
N828675		67	2.4	12.5	459	29.4
N828676		66	1.7	16.0	521	26.2
N828677		63	1.4	12.8	739	22.5
N828678		56	1.6	13.7	627	27.6
N828679		58	5.3	9.5	5410	24.9
N828680		68	1.9	12.4	296	29.4
N828681		78	2.1	12.6	357	29.9
N828682		69	2.6	14.7	384	30.6
N828683		67	1.5	19.1	639	29.7
N828684		66	2.7	14.2	421	31.3
N828685		64	2.7	13.0	384	25.8
N828686		57	1.7	11.8	329	24.6
N828687		72	4.4	12.1	580	24.1
N828688		72	2.1	12.7	294	29.9
N828689		54	2.1	10.6	381	26.2
N828690		47	2.5	6.3	330	19.3
N828691		3	0.1	0.7	21	<0.5
N828692		60	4.2	7.0	390	23.9



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**CERTIFICATE OF ANALYSIS WH12144367**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12144368**

Project: Klaza TR-12-8

P.O. No.: Batch 7

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12144368**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N828693		3.28	0.017	0.53	7.13	35.5	1440	1.42	1.00	0.12	2.03	50.5	1.9	7	7.36	25.4
N828694		4.75	0.063	0.95	7.77	48.0	1560	1.69	2.26	0.10	2.52	51.8	2.4	8	8.56	26.0
N828695		2.90	0.190	2.10	7.58	104.5	1420	1.62	5.16	0.08	6.36	69.1	2.4	7	8.23	34.5
N828696		2.64	0.409	2.58	7.64	146.0	1220	1.63	3.32	0.08	6.44	64.4	2.6	7	8.78	27.1
N828697		2.37	0.050	0.96	8.45	75.4	1630	2.13	2.08	0.09	4.02	59.1	2.9	8	9.29	57.2
N828698		3.05	0.206	1.12	8.31	68.5	1210	1.70	3.47	0.10	5.46	50.6	3.3	9	8.73	92.2
N828699		3.94	0.107	1.80	8.25	95.4	1350	1.78	4.18	0.13	3.00	61.6	3.2	9	9.17	48.1
N828700		4.77	0.085	4.64	7.85	302	1170	1.45	3.97	0.13	2.92	49.9	1.9	9	14.20	33.4
N828701		3.16	0.264	16.40	8.13	430	1390	1.37	15.85	0.10	2.08	63.9	0.8	7	13.30	17.2
N828702		2.70	0.044	2.73	8.00	638	840	1.42	2.42	0.16	3.64	60.3	3.9	10	20.2	43.0
N828703		3.20	0.080	2.48	8.77	88.8	2180	1.15	3.78	0.15	1.67	38.2	2.5	9	10.10	41.6
N828704		2.68	0.102	4.13	8.14	155.0	1890	1.63	10.00	0.37	2.61	53.5	5.3	7	13.40	71.6
N828705		2.18	0.049	1.17	7.81	50.5	2540	1.51	1.26	0.95	2.00	55.3	4.4	9	6.85	19.6
N828706		0.26	2.17	25.9	5.89	3400	650	1.13	19.05	2.10	73.8	41.0	10.1	18	13.10	424
N828707		2.10	0.047	4.24	7.97	52.2	2450	1.53	5.08	0.57	1.63	55.1	3.9	10	7.00	44.1
N828708		2.82	0.026	0.91	8.31	54.9	2210	1.48	1.74	0.40	3.27	41.2	5.0	9	10.80	18.8
N828709		2.64	0.168	0.75	8.37	35.8	2030	1.77	1.48	0.25	4.58	56.9	4.0	9	9.87	31.3
N828710		2.66	0.061	0.75	8.31	31.3	1730	1.91	1.44	0.13	14.50	81.7	12.0	7	10.30	45.1
N828711		2.76	0.094	1.44	8.33	30.6	1590	1.59	2.42	0.12	4.77	40.0	3.4	8	8.19	32.6
N828712		2.62	0.052	1.48	6.87	37.8	2070	1.64	2.62	0.16	10.55	48.5	10.1	8	10.55	29.2
N828713		3.42	0.030	0.85	7.77	51.7	1500	1.72	1.58	0.22	10.95	61.0	9.8	8	15.15	10.8
N828714		2.13	0.023	0.66	8.03	36.6	1720	1.76	1.15	0.58	20.8	61.4	19.5	8	10.15	16.7
N828715		2.71	0.030	0.69	8.72	30.5	1880	1.33	1.41	0.27	8.12	49.3	9.7	8	12.15	18.0
N828716		2.75	0.020	0.67	8.46	21.3	1370	1.51	1.35	0.16	12.10	50.9	17.9	8	12.35	23.8
N828717		2.98	0.016	0.63	8.24	18.1	1950	1.49	1.19	0.32	3.44	34.9	6.1	7	11.75	8.9
N828718		2.66	0.017	0.89	7.96	31.6	960	1.52	1.54	0.14	4.21	51.0	7.2	7	16.65	9.6
N828719		2.60	0.021	0.73	6.85	87.9	1080	1.46	1.47	0.11	3.81	62.0	3.7	8	10.45	20.6
N828720		2.52	0.012	0.42	8.53	26.7	1510	1.35	0.72	0.14	3.79	47.1	4.8	7	11.95	14.7
N828721		2.80	0.020	0.51	8.77	29.1	1890	1.55	0.73	0.33	8.00	57.2	11.0	10	12.80	14.5
N828722		2.73	0.017	0.41	8.58	34.4	2280	1.07	0.50	0.28	6.96	46.2	8.8	9	10.90	6.6
N828723		2.22	0.022	0.75	8.03	58.4	1580	1.54	1.51	0.14	16.30	58.6	12.1	8	11.45	21.9
N828724		2.91	0.059	3.59	7.77	107.0	2490	2.02	7.50	0.17	26.6	75.5	20.4	8	18.40	68.6
N828725		3.61	0.445	22.6	7.09	296	1680	1.51	34.8	0.12	9.90	60.5	4.3	8	18.65	84.4
N828726		5.12	0.113	18.90	7.63	84.8	1730	1.18	23.3	0.19	3.77	52.4	4.5	8	12.45	27.4
N828727		3.72	<0.005	0.31	0.08	<5	30	0.07	0.16	21.0	0.11	1.15	0.7	1	0.27	3.0
N828728		3.53	0.079	1.01	7.69	136.0	2030	1.72	1.15	0.24	27.4	75.8	15.9	7	14.95	33.1



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Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144368**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828693		3.11	16.35	0.12	0.8	0.431	2.65	21.3	25.8	0.26	144	2.46	0.07	6.7	1.2	670
N828694		2.92	17.40	0.13	1.0	0.532	3.11	24.6	22.6	0.32	185	3.88	0.06	6.9	1.5	600
N828695		3.33	17.60	0.18	1.0	0.642	3.37	40.2	25.3	0.27	244	3.00	0.07	6.5	1.5	320
N828696		3.80	16.55	0.18	0.9	1.670	3.32	38.4	32.0	0.30	236	4.37	0.07	7.3	1.5	270
N828697		3.52	17.70	0.19	1.1	0.703	3.64	34.2	33.9	0.33	192	3.57	0.09	7.6	2.1	560
N828698		5.58	18.60	0.24	1.1	0.520	3.14	25.3	29.9	0.30	187	2.27	0.10	7.2	2.0	620
N828699		4.18	18.55	0.24	1.0	0.775	3.42	34.7	15.9	0.30	214	3.94	0.11	7.1	1.9	660
N828700		5.54	16.80	0.14	1.1	0.941	3.23	31.2	7.2	0.27	275	2.99	0.05	7.0	1.7	490
N828701		3.17	17.85	0.17	1.2	0.725	3.53	37.9	8.4	0.29	172	2.76	0.04	7.5	0.9	270
N828702		8.04	16.80	0.14	1.5	0.782	3.08	34.9	10.1	0.24	394	3.59	0.05	8.1	2.7	800
N828703		3.23	17.65	0.13	1.2	0.152	3.03	21.5	23.3	0.20	148	1.76	0.14	7.7	1.6	550
N828704		4.74	16.05	0.15	1.2	0.180	2.82	28.0	15.9	0.52	294	2.65	0.52	7.3	2.8	610
N828705		2.99	16.35	0.12	1.2	0.147	2.75	26.5	22.6	0.62	437	5.34	1.59	7.8	3.0	550
N828706		6.44	13.65	0.13	0.9	1.575	2.51	22.2	22.9	0.85	1830	13.55	0.04	5.3	14.3	420
N828707		3.14	16.10	0.14	1.1	0.265	3.09	30.8	17.4	0.41	318	1.78	0.84	7.1	2.6	480
N828708		3.29	16.70	0.14	1.1	0.134	3.03	24.4	17.2	0.35	327	1.90	0.90	7.7	2.8	570
N828709		3.36	17.75	0.14	1.0	0.198	2.87	33.9	14.8	0.29	293	2.04	0.73	7.3	2.5	570
N828710		2.91	17.95	0.16	1.0	0.237	2.79	34.1	22.9	0.27	1660	1.54	0.17	6.9	2.9	560
N828711		2.91	17.45	0.14	1.2	0.382	2.94	21.6	18.6	0.28	305	5.00	0.08	5.8	1.7	560
N828712		3.71	14.45	0.13	0.8	0.364	2.36	25.1	17.4	0.25	1100	2.94	0.16	5.3	3.6	530
N828713		3.58	17.70	0.15	1.0	0.459	2.23	31.5	20.2	0.28	1100	1.73	0.58	6.7	3.9	550
N828714		3.47	16.30	0.14	1.1	0.163	2.05	26.0	12.3	0.54	3350	1.47	1.89	7.2	5.1	620
N828715		3.41	18.40	0.16	1.1	0.178	2.38	33.6	23.9	0.35	988	1.82	0.41	8.2	3.4	580
N828716		3.15	18.40	0.15	1.0	0.253	2.02	21.5	24.6	0.22	1740	1.03	0.26	8.4	3.2	510
N828717		3.44	15.80	0.12	1.0	0.178	1.76	19.7	17.8	0.45	361	1.00	1.22	7.0	3.7	570
N828718		2.74	17.45	0.12	1.0	0.386	1.69	34.5	37.4	0.20	428	1.20	0.18	6.0	1.9	410
N828719		2.86	13.85	0.14	0.9	0.210	2.14	37.5	27.7	0.20	204	5.03	0.10	5.1	2.5	500
N828720		3.23	17.90	0.15	1.2	0.199	2.37	24.8	33.7	0.16	192	1.41	0.07	7.4	2.1	660
N828721		4.04	18.20	0.14	1.1	0.103	2.62	30.0	23.2	0.26	635	1.99	0.54	7.4	3.6	650
N828722		3.60	16.55	0.13	1.2	0.058	2.92	27.2	21.1	0.22	661	2.10	0.25	7.5	3.1	620
N828723		3.60	16.40	0.13	1.1	0.196	2.84	31.5	29.5	0.21	1980	1.86	0.10	6.6	3.6	540
N828724		3.98	17.10	0.16	1.0	0.267	2.76	43.9	27.7	0.21	2210	5.01	0.06	6.6	5.7	660
N828725		3.77	16.25	0.18	1.1	0.634	2.89	41.9	17.1	0.23	528	5.46	0.04	7.0	2.8	480
N828726		2.80	15.65	0.13	1.3	0.242	2.76	32.6	21.1	0.30	368	1.92	0.12	8.4	2.5	470
N828727		0.50	0.25	0.08	<0.1	0.009	0.03	0.6	1.1	12.25	209	0.12	<0.01	0.2	1.8	180
N828728		4.41	16.90	0.20	1.1	0.213	3.03	42.4	20.1	0.21	2830	3.47	0.07	7.3	3.9	580



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Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144368**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828693		51.5	157.0	<0.002	0.40	13.65	11.2	1	3.2	32.1	0.55	0.30	16.9	0.182	2.22	3.6
N828694		119.5	195.5	<0.002	0.30	10.05	12.7	1	4.5	45.3	0.56	0.64	18.0	0.193	2.53	4.7
N828695		217	234	<0.002	0.13	10.70	9.8	1	7.3	21.7	0.56	0.80	11.2	0.167	3.00	2.5
N828696		201	224	<0.002	0.16	12.45	10.5	1	7.0	22.6	0.61	0.54	11.1	0.205	3.15	2.7
N828697		153.0	214	<0.002	0.11	9.13	11.8	1	5.5	28.2	0.63	0.36	15.0	0.219	3.21	4.9
N828698		138.0	190.5	<0.002	0.07	17.55	11.8	2	4.6	23.7	0.57	0.67	17.2	0.186	2.65	4.4
N828699		253	202	<0.002	0.08	13.50	12.2	1	4.5	29.7	0.59	0.77	16.8	0.199	3.02	4.8
N828700		396	196.5	0.003	0.16	8.87	10.0	1	7.8	25.4	0.62	0.24	14.7	0.211	3.65	3.8
N828701		476	212	0.002	0.23	21.9	9.9	<1	9.3	41.6	0.65	0.34	12.8	0.228	3.79	3.0
N828702		299	181.0	0.004	0.23	14.10	10.3	1	4.1	39.8	0.66	0.12	18.0	0.229	3.72	6.4
N828703		117.5	133.5	<0.002	0.06	11.40	10.5	<1	2.8	71.2	0.67	0.07	17.0	0.245	1.94	6.4
N828704		174.0	134.5	0.002	0.04	8.60	11.4	1	3.3	100.0	0.61	0.19	16.6	0.223	1.78	5.6
N828705		93.7	140.0	0.003	0.08	22.2	10.2	1	2.6	283	0.63	0.09	12.5	0.251	1.71	3.4
N828706		2640	156.0	0.002	4.60	85.3	7.6	1	7.8	86.2	0.43	0.43	10.3	0.167	2.47	5.2
N828707		161.0	159.0	<0.002	0.05	9.15	8.9	1	3.9	162.5	0.61	0.13	13.0	0.233	2.28	3.2
N828708		85.3	132.0	0.004	0.03	11.25	10.0	1	2.3	146.5	0.65	0.13	14.5	0.254	1.84	3.7
N828709		56.1	140.5	0.002	0.06	11.35	11.3	1	2.7	86.3	0.58	0.15	16.9	0.226	2.18	3.7
N828710		34.6	156.5	0.002	0.02	17.05	11.3	1	2.6	31.2	0.56	0.14	16.0	0.211	2.15	3.8
N828711		200	163.0	0.003	0.03	12.95	10.7	1	3.2	22.2	0.54	0.35	15.9	0.191	2.37	2.7
N828712		147.0	126.0	0.003	0.08	13.60	9.7	1	2.8	39.6	0.43	0.45	13.0	0.165	1.76	3.2
N828713		60.2	128.0	<0.002	0.03	5.47	10.6	1	3.6	50.7	0.55	0.28	14.5	0.202	2.01	2.4
N828714		73.4	91.3	0.004	0.03	4.96	10.2	1	2.7	242	0.66	0.22	14.9	0.228	1.42	3.8
N828715		68.5	106.5	<0.002	0.02	7.43	11.6	2	3.1	79.6	0.65	0.24	16.1	0.263	1.56	3.5
N828716		61.5	103.0	<0.002	0.02	12.45	11.4	1	3.3	44.0	0.66	0.20	16.5	0.251	1.57	4.0
N828717		66.9	83.4	0.003	0.05	4.68	10.8	1	2.8	147.0	0.59	0.15	16.8	0.225	1.37	5.6
N828718		48.9	102.5	0.005	0.08	20.2	12.0	1	3.2	51.7	0.51	0.28	17.6	0.190	1.58	4.0
N828719		171.0	111.0	0.003	0.09	25.0	8.2	1	2.3	86.9	0.44	0.41	14.4	0.166	1.72	4.3
N828720		49.3	118.0	0.002	0.03	24.3	11.0	1	2.5	47.7	0.62	0.09	15.5	0.226	1.55	3.9
N828721		55.5	113.0	0.003	0.03	11.75	11.9	1	2.2	107.0	0.62	0.08	15.5	0.250	1.48	4.4
N828722		41.5	116.0	<0.002	0.01	11.25	10.2	1	1.5	83.5	0.66	0.12	14.6	0.248	1.35	3.5
N828723		87.4	150.0	<0.002	0.03	19.00	10.3	1	2.7	55.1	0.55	0.15	15.7	0.212	2.26	4.0
N828724		159.5	157.0	0.004	0.10	29.8	11.6	1	3.1	59.8	0.54	2.22	15.8	0.199	2.47	6.1
N828725		449	176.5	0.003	0.17	44.1	9.7	1	5.0	48.1	0.56	0.40	14.7	0.209	3.34	4.4
N828726		181.5	134.5	0.003	0.07	22.3	9.6	1	3.1	57.8	0.73	0.11	12.7	0.263	1.93	3.1
N828727		2.7	1.8	0.003	0.03	0.19	0.2	<1	0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N828728		159.5	161.0	0.008	0.06	10.55	10.4	1	2.7	51.5	0.60	<0.05	13.8	0.226	2.60	4.4



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Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144368**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828693		58	1.4	10.6	246	26.4
N828694		66	1.9	11.8	271	31.4
N828695		53	3.3	12.2	438	31.3
N828696		59	5.7	11.5	841	27.8
N828697		70	2.7	14.4	567	34.7
N828698		73	2.1	14.6	459	33.5
N828699		66	4.0	13.0	736	32.6
N828700		62	8.2	10.6	960	30.4
N828701		66	9.9	9.2	368	32.2
N828702		69	7.0	13.9	1550	39.7
N828703		65	3.2	12.8	389	31.1
N828704		64	2.3	18.5	505	32.3
N828705		71	2.2	11.9	211	30.8
N828706		54	5.0	9.4	5210	23.9
N828707		62	6.4	11.1	416	28.8
N828708		69	2.7	16.1	379	27.8
N828709		68	2.7	17.6	350	25.9
N828710		69	2.7	22.4	436	25.7
N828711		65	2.0	15.6	283	28.0
N828712		56	1.9	17.4	362	21.2
N828713		68	1.6	22.4	640	23.5
N828714		66	1.3	20.0	865	27.1
N828715		72	2.0	22.0	586	28.4
N828716		68	2.6	17.5	625	27.6
N828717		66	1.6	19.6	547	24.3
N828718		65	2.5	18.7	363	25.0
N828719		53	2.3	15.7	345	22.2
N828720		65	5.0	20.1	506	28.1
N828721		73	2.8	22.6	725	28.2
N828722		67	3.0	18.9	564	29.2
N828723		63	2.7	18.7	859	27.7
N828724		66	3.2	29.1	911	29.3
N828725		59	5.5	19.1	590	29.1
N828726		60	5.0	15.3	290	31.2
N828727		2	0.1	0.8	20	<0.5
N828728		62	3.6	23.2	1110	27.8



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**CERTIFICATE OF ANALYSIS WH12144368**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12144369**

Project: Klaza TR-12-8

P.O. No.: Batch 8

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144369**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828729		2.80	0.319	2.98	7.16	447	1920	1.37	2.33	0.10	9.64	54.4	2.4	6	13.20	138.5
N828730		2.73	0.034	0.79	7.79	104.5	1240	1.80	1.01	0.20	23.5	55.0	12.1	6	20.8	28.6
N828731		4.75	0.022	0.62	8.20	34.9	2230	1.26	1.02	0.34	4.76	42.5	5.6	6	13.00	10.4
N828732		2.07	0.015	0.39	7.71	32.9	2310	1.65	0.49	0.77	10.60	59.3	10.0	6	10.70	6.7
N828733		3.68	0.021	0.46	8.17	28.5	2300	1.65	0.66	0.51	8.35	52.5	7.8	8	10.25	8.8
N828734		3.27	0.015	0.36	8.44	19.0	2480	1.56	0.55	0.44	7.36	62.8	8.1	6	11.10	10.2
N828735		5.07	0.048	0.62	8.29	35.4	2480	1.39	1.68	0.17	5.26	43.8	7.7	7	9.81	9.2
N828736		2.80	0.017	0.67	7.10	24.4	2120	1.49	1.73	0.33	7.68	62.8	21.8	7	10.75	27.2
N828737		3.56	0.023	0.63	7.40	49.5	2560	1.56	1.62	0.50	6.10	52.0	16.7	14	9.08	28.2
N828738		3.36	0.018	0.45	7.66	34.2	2140	1.66	1.00	0.71	7.66	63.5	12.0	10	9.70	22.8
N828739		2.56	0.010	0.35	8.02	18.4	2820	1.41	0.52	0.29	15.65	62.2	8.6	8	10.50	9.9
N828740		2.39	0.013	0.43	8.66	49.7	3510	1.57	0.80	0.30	21.2	59.9	12.8	8	12.05	19.1
N828741		0.21	2.39	25.0	6.20	2940	450	1.41	20.1	2.30	77.3	40.4	10.2	18	13.00	442
N828742		2.62	0.058	1.88	8.13	74.6	1620	1.61	1.71	0.24	26.1	54.3	9.3	8	10.25	37.7
N828743		3.31	1.285	53.4	7.22	630	890	1.56	103.5	0.08	9.17	57.5	2.6	7	12.45	451
N828744		2.42	0.116	2.75	8.34	176.5	910	1.85	2.09	0.11	6.17	59.7	3.5	9	14.00	231
N828745		3.99	0.104	3.48	8.40	81.6	2090	1.53	4.82	0.30	35.6	56.5	17.1	8	12.05	97.7
N828746		1.86	0.159	1.62	7.96	75.8	2460	1.52	1.56	0.36	11.50	43.7	10.1	10	7.72	98.2
N828747		1.99	0.023	0.63	8.04	37.7	2190	1.71	0.89	0.92	11.50	57.2	9.1	8	8.18	22.0
N828748		1.92	0.032	1.36	8.07	46.4	1660	1.67	2.13	0.47	22.1	57.9	11.3	9	11.70	45.2
N828749		4.65	0.116	0.68	7.89	25.8	2090	1.53	0.99	0.90	6.21	49.0	6.8	9	5.64	31.4
N828750		2.83	0.013	0.52	7.94	24.1	2160	1.74	0.92	0.85	8.55	58.5	6.7	8	5.68	22.1
N828751		4.59	0.028	1.08	7.82	38.8	2210	1.58	1.38	0.80	7.85	55.8	7.4	11	6.07	23.0
N828752		2.04	0.019	0.50	7.98	25.7	1770	1.49	0.88	0.38	9.03	52.6	6.5	9	9.91	14.9
N828753		2.35	0.202	2.66	7.67	83.9	1900	2.11	4.11	0.18	20.4	62.1	13.1	9	13.95	63.3
N828754		4.00	0.259	2.27	7.19	215	1920	1.67	3.39	0.21	33.1	54.7	22.7	9	20.9	66.6
N828755		3.18	0.010	0.01	0.10	<5	20	0.07	0.03	21.8	0.15	1.05	1.4	2	0.25	2.1
N828756		2.45	0.323	6.37	4.96	228	1760	1.07	5.41	0.25	10.90	35.7	5.9	9	8.02	72.5
N828757		2.38	0.273	1.49	7.17	105.5	2560	1.53	2.54	0.19	53.5	55.1	31.4	6	10.80	62.7
N828758		3.10	0.045	1.09	8.00	55.1	3980	1.42	1.70	0.20	14.65	50.2	12.8	7	20.5	30.2
N828759		3.94	0.102	1.29	7.98	57.9	2370	1.88	1.58	0.33	15.50	60.0	11.5	9	22.2	33.9
N828760		4.08	0.011	0.54	8.77	20.9	2650	1.61	0.61	0.32	7.84	65.5	9.7	6	19.90	12.3
N828761		3.97	0.018	0.65	8.98	98.8	2490	1.82	0.60	0.29	16.70	63.2	12.1	7	23.3	14.4
N828851		4.11	0.053	0.55	7.93	33.5	2480	1.74	0.90	0.32	0.93	50.6	5.0	10	9.26	266
N828852		3.40	0.039	0.64	8.38	43.7	2590	1.85	0.54	0.14	0.88	52.3	5.8	10	13.30	415
N828853		4.33	0.049	0.49	8.46	29.5	1940	1.49	0.54	0.26	0.42	52.4	2.8	9	11.65	183.0



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Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144369**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828729		5.84	15.30	0.14	1.0	0.311	3.13	34.4	13.7	0.24	324	3.04	0.03	7.1	1.6	460
N828730		3.19	16.00	0.14	1.1	0.085	3.03	29.2	17.3	0.19	1640	2.49	0.13	7.4	2.9	560
N828731		2.81	16.40	0.10	1.1	0.063	2.98	21.0	22.3	0.24	289	1.17	0.44	8.0	2.0	640
N828732		2.83	15.30	0.13	1.2	0.044	2.81	27.6	17.8	0.38	1180	1.68	1.63	7.5	3.2	590
N828733		3.16	16.85	0.12	1.2	0.050	2.88	26.3	19.2	0.23	965	1.73	1.27	7.8	2.9	610
N828734		3.35	18.00	0.13	1.3	0.057	2.95	31.2	26.7	0.29	1120	1.68	0.95	8.5	2.9	640
N828735		3.31	17.20	0.14	1.3	0.094	3.20	24.2	24.4	0.22	965	1.32	0.32	7.5	2.1	560
N828736		3.26	14.80	0.10	1.0	0.078	2.31	19.0	17.1	0.47	1720	1.84	1.22	6.5	2.8	560
N828737		2.90	15.15	0.12	1.1	0.065	2.90	22.0	11.3	0.63	1030	2.73	1.63	6.8	3.1	570
N828738		3.28	15.50	0.13	1.2	0.065	2.55	28.6	16.0	0.61	1100	13.30	1.89	7.5	4.0	610
N828739		3.56	15.75	0.13	1.4	0.067	3.10	31.7	20.5	0.19	1750	1.80	0.39	7.6	3.7	590
N828740		3.31	19.40	0.13	1.3	0.065	3.30	32.8	21.9	0.22	1820	2.78	0.34	8.0	4.7	650
N828741		7.03	14.35	0.13	1.0	1.595	2.68	22.2	24.9	0.95	1920	12.75	0.04	5.5	14.5	450
N828742		4.77	17.70	0.14	1.2	0.196	3.15	30.6	27.4	0.19	2150	2.71	0.20	7.3	3.6	600
N828743		6.92	15.65	0.14	1.0	1.985	3.14	39.8	16.0	0.23	370	20.8	0.05	6.0	1.9	610
N828744		4.74	16.65	0.19	1.1	0.455	3.68	41.4	12.4	0.37	291	2.92	0.08	6.7	3.0	670
N828745		4.19	17.20	0.13	1.1	0.172	3.33	29.9	24.0	0.37	3070	4.49	0.51	6.9	4.2	680
N828746		3.61	16.70	0.11	1.1	0.132	3.36	24.6	12.6	0.45	1190	5.71	0.90	6.7	3.1	600
N828747		3.48	17.60	0.15	1.2	0.076	2.77	32.5	9.4	0.71	1020	1.73	1.90	7.2	4.2	600
N828748		4.41	16.60	0.14	1.1	0.126	2.85	33.0	15.8	0.60	2140	2.32	1.05	6.9	4.3	660
N828749		3.12	16.20	0.11	1.1	0.130	2.62	25.4	10.6	0.69	795	1.98	1.79	6.4	3.3	590
N828750		3.14	16.35	0.14	1.1	0.183	2.82	30.0	11.6	0.69	1080	1.61	1.52	6.5	3.3	580
N828751		3.12	15.80	0.13	1.1	0.154	2.81	27.9	13.5	0.60	905	2.77	1.68	6.6	3.7	550
N828752		3.20	16.65	0.13	1.1	0.070	2.65	26.5	13.2	0.56	930	1.53	1.55	6.1	3.4	590
N828753		5.23	15.35	0.17	1.2	0.430	2.80	38.8	34.7	0.24	2770	3.00	0.23	5.1	3.8	550
N828754		4.37	14.60	0.12	1.0	0.346	2.48	31.2	22.9	0.26	3370	4.49	0.24	4.7	3.8	530
N828755		0.49	0.82	0.19	<0.1	0.005	0.04	0.5	1.3	13.00	219	0.14	0.01	0.3	0.4	170
N828756		3.98	10.50	0.09	0.6	0.711	2.06	23.8	15.7	0.23	952	18.75	0.19	3.9	2.7	300
N828757		4.27	15.50	0.11	1.0	0.188	2.17	32.6	39.2	0.22	6870	3.53	0.09	6.2	4.0	510
N828758		4.43	15.45	0.13	1.0	0.099	3.21	29.3	24.3	0.26	2220	2.49	0.17	6.4	3.3	570
N828759		3.61	16.60	0.14	1.1	0.145	2.94	33.3	18.8	0.26	2190	2.20	0.35	7.1	4.0	660
N828760		3.24	17.85	0.13	1.4	0.069	3.32	31.8	28.3	0.45	1040	1.38	0.25	7.5	3.5	660
N828761		3.77	18.35	0.14	1.3	0.107	3.56	36.6	33.6	0.26	2770	3.04	0.21	7.2	3.9	660
N828851		6.09	15.45	0.15	1.0	0.046	3.00	29.6	15.2	0.34	171	4.38	1.11	4.0	4.3	800
N828852		7.21	15.20	0.13	1.0	0.041	2.80	31.2	24.7	0.28	146	4.27	0.17	4.5	7.2	1130
N828853		4.44	15.85	0.13	1.0	0.034	2.77	30.5	17.7	0.34	71	3.29	0.66	4.8	3.4	760



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**CERTIFICATE OF ANALYSIS WH12144369**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828729		331	183.5	<0.002	0.24	11.15	8.8	1	5.2	33.1	0.58	0.05	11.6	0.224	3.09	4.2
N828730		110.5	153.5	<0.002	0.03	8.86	9.2	1	1.3	41.2	0.60	0.05	13.9	0.234	2.30	3.9
N828731		52.6	126.0	<0.002	0.02	10.60	9.2	1	1.3	96.4	0.64	<0.05	14.8	0.263	1.24	2.5
N828732		36.2	109.0	<0.002	0.01	6.33	9.1	1	1.1	232	0.66	<0.05	14.3	0.242	1.06	3.0
N828733		38.3	119.5	<0.002	0.01	9.31	10.1	1	1.3	180.5	0.64	<0.05	14.9	0.247	1.18	2.9
N828734		31.4	120.5	<0.002	0.01	11.15	11.1	2	1.1	148.5	0.68	<0.05	16.2	0.264	1.18	3.2
N828735		36.8	147.0	<0.002	0.07	13.50	10.8	1	1.9	79.9	0.63	0.16	15.1	0.247	1.60	2.4
N828736		60.5	106.0	<0.002	0.07	7.99	9.9	2	2.3	178.0	0.53	0.16	13.6	0.213	1.33	3.4
N828737		55.2	127.0	<0.002	0.07	4.96	9.5	1	1.8	238	0.57	0.12	13.6	0.212	1.57	3.0
N828738		42.4	112.0	<0.002	0.07	6.21	9.7	2	2.3	247	0.62	0.11	14.2	0.241	1.31	3.7
N828739		34.6	127.0	<0.002	0.03	12.65	10.0	2	1.5	93.3	0.66	<0.05	16.2	0.242	1.46	3.1
N828740		32.7	154.5	<0.002	0.06	13.00	11.6	2	1.6	109.5	0.67	<0.05	15.7	0.263	1.88	3.5
N828741		2850	155.5	0.002	4.98	98.3	7.8	2	7.7	91.4	0.45	0.37	9.9	0.181	2.32	5.1
N828742		183.5	144.5	<0.002	0.03	14.40	10.5	2	2.6	64.8	0.61	0.06	14.4	0.245	2.17	4.2
N828743		3080	173.5	<0.002	0.17	212	9.3	2	7.3	20.7	0.51	0.18	12.8	0.207	2.93	5.8
N828744		283	245	<0.002	0.11	16.10	11.3	2	2.3	70.5	0.57	0.15	15.7	0.247	2.99	8.7
N828745		325	173.5	<0.002	0.06	18.80	10.8	2	1.9	106.5	0.59	0.13	16.5	0.251	2.14	4.3
N828746		160.5	170.5	<0.002	0.10	18.05	9.7	2	1.9	150.0	0.58	0.07	14.8	0.240	2.34	4.4
N828747		65.3	109.5	<0.002	0.02	5.04	10.2	1	1.2	269	0.66	<0.05	15.0	0.234	1.39	3.1
N828748		135.0	124.5	<0.002	0.03	5.96	10.3	2	2.4	144.0	0.63	0.06	14.6	0.248	1.96	3.9
N828749		59.4	115.0	<0.002	0.05	5.71	9.3	1	2.2	250	0.56	0.09	13.5	0.233	1.56	2.8
N828750		61.8	125.0	<0.002	0.20	4.58	9.8	2	2.6	194.5	0.58	0.15	14.3	0.222	1.67	2.9
N828751		72.6	118.0	<0.002	0.04	7.45	9.3	2	2.6	257	0.59	0.22	13.5	0.231	1.55	3.1
N828752		52.7	109.5	<0.002	0.02	5.27	9.9	2	2.2	174.5	0.55	0.10	14.7	0.212	1.68	3.3
N828753		317	136.0	<0.002	0.07	9.98	9.7	2	3.6	53.3	0.48	0.37	13.6	0.191	2.26	5.3
N828754		252	128.0	<0.002	0.07	16.15	8.8	2	3.5	83.7	0.43	0.23	13.7	0.172	2.17	4.6
N828755		1.9	1.6	<0.002	0.01	0.09	0.2	1	<0.2	45.4	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N828756		1045	112.5	0.002	0.11	43.2	6.1	1	3.8	53.8	0.32	0.95	7.5	0.140	1.84	3.8
N828757		206	109.0	<0.002	0.12	16.55	8.6	2	2.4	148.0	0.60	0.21	15.2	0.197	1.77	6.0
N828758		170.5	136.0	<0.002	0.07	10.65	9.6	2	2.1	133.5	0.59	0.24	14.7	0.230	2.39	4.6
N828759		331	134.5	<0.002	0.06	8.06	10.7	2	2.2	95.6	0.64	0.17	13.8	0.248	2.23	3.8
N828760		63.6	135.5	<0.002	0.01	6.97	11.5	2	2.4	116.5	0.73	0.07	17.3	0.252	1.77	2.8
N828761		144.5	143.5	<0.002	0.02	8.29	11.0	2	2.2	118.5	0.65	0.06	16.3	0.261	2.14	3.4
N828851		47.3	115.0	<0.002	0.15	3.12	10.5	3	3.0	188.0	0.36	0.07	16.3	0.185	1.66	4.6
N828852		28.8	112.5	<0.002	0.15	12.25	11.5	3	1.9	111.5	0.41	<0.05	21.2	0.200	1.63	6.4
N828853		22.1	119.5	<0.002	0.12	12.20	11.7	3	2.3	138.0	0.46	0.06	16.5	0.212	1.56	3.9



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**CERTIFICATE OF ANALYSIS WH12144369**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828729		61	9.3	13.1	1160	24.1
N828730		65	3.7	19.4	1040	26.7
N828731		72	2.6	13.7	461	27.0
N828732		65	1.7	13.9	389	27.7
N828733		67	2.9	17.3	437	28.6
N828734		71	3.2	22.5	458	31.3
N828735		71	4.0	13.2	285	29.8
N828736		62	1.9	13.9	449	22.7
N828737		61	2.2	13.3	337	25.4
N828738		67	2.1	18.2	381	27.5
N828739		66	3.3	23.9	538	31.6
N828740		70	3.5	24.8	752	32.6
N828741		58	5.3	8.6	5560	22.0
N828742		64	4.9	21.0	1170	30.0
N828743		62	8.1	13.1	1240	25.4
N828744		72	4.7	19.5	1000	27.2
N828745		70	2.8	24.1	1160	25.3
N828746		68	3.3	13.2	754	24.5
N828747		64	1.5	18.1	603	29.0
N828748		71	3.4	19.3	989	25.2
N828749		68	1.8	10.8	348	23.8
N828750		65	2.3	12.6	394	25.0
N828751		64	2.5	11.3	347	25.7
N828752		65	1.5	12.5	455	25.3
N828753		64	3.8	24.9	1260	30.3
N828754		59	3.1	22.2	1240	22.3
N828755		3	0.1	0.7	22	<0.5
N828756		47	4.9	10.7	875	17.1
N828757		58	3.2	33.2	1700	23.1
N828758		62	2.6	20.2	1240	24.2
N828759		68	2.6	23.1	1010	26.4
N828760		66	2.2	15.2	740	33.2
N828761		71	1.8	21.9	1160	30.3
N828851		72	4.5	9.9	183	19.1
N828852		75	3.9	14.0	224	20.4
N828853		77	5.1	8.4	98	19.6



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12144530**

Project: Klaza TR-12-8

P.O. No.: Batch 9

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144530**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828854		3.77	0.029	0.33	7.79	15.3	2470	1.54	0.46	0.42	0.47	53.1	4.4	12	9.88	167.5
N828855		3.90	0.046	0.67	7.62	35.3	2320	1.61	0.96	0.18	0.49	44.8	4.5	13	11.15	322
N828856		2.83	0.039	0.36	7.78	16.3	3120	1.52	0.67	0.18	0.35	50.7	4.7	13	13.05	201
N828857		3.30	0.056	0.57	8.06	41.6	2740	1.63	1.23	0.13	0.58	53.3	3.5	13	13.65	261
N828858		2.85	0.045	0.56	8.25	29.1	4490	1.40	0.72	0.17	0.36	54.7	2.6	14	11.15	139.0
N828859		3.41	0.061	1.33	7.63	118.5	1480	1.36	2.21	0.07	0.53	53.5	2.1	12	12.15	195.5
N828860		2.61	0.029	0.82	7.92	73.0	1240	1.78	1.19	0.11	0.81	57.7	4.6	13	15.35	282
N828861		3.15	0.028	0.62	8.25	50.7	1010	1.46	0.69	0.12	1.28	55.9	16.9	12	17.30	392
N828862		3.10	0.038	0.76	8.07	34.8	2790	1.39	1.18	0.11	0.64	53.7	6.6	13	13.65	330
N828863		3.61	0.086	0.98	8.06	64.6	1270	1.36	1.76	0.13	0.74	50.4	4.5	10	15.20	339
N828864		3.31	0.048	0.63	8.10	63.4	3640	1.58	0.83	0.19	1.10	53.3	11.6	12	11.50	409
N828865		3.73	0.058	0.87	7.91	140.5	1170	1.33	0.93	0.11	0.95	53.8	5.3	12	15.00	392
N828866		3.93	0.044	0.76	7.90	76.9	1880	1.43	1.08	0.13	0.86	53.1	3.9	12	16.10	350
N828867		2.19	0.056	1.37	7.28	71.8	980	1.26	2.14	0.16	0.52	58.4	6.4	11	27.6	165.0
N828868		0.21	2.21	25.9	6.06	3530	450	1.15	18.50	2.17	76.5	43.1	11.7	18	14.65	436
N828869		3.38	0.052	1.83	8.35	48.6	2410	1.33	5.08	0.23	0.38	61.4	2.5	11	15.70	166.5
N828870		3.04	0.057	1.09	8.02	64.7	2450	1.54	1.40	0.29	0.41	57.5	2.6	11	11.75	213
N828871		3.36	0.049	1.82	7.82	88.9	970	1.33	1.90	0.11	0.30	52.0	1.1	13	13.65	128.5
N828872		2.69	0.070	1.57	8.05	109.5	1050	1.33	1.55	0.16	0.27	61.5	1.7	12	17.25	144.5
N828873		3.24	0.045	1.48	8.20	73.2	1660	1.47	1.46	0.15	0.44	56.2	2.6	12	14.35	263
N828874		3.37	0.041	2.21	8.49	117.5	1650	1.57	2.70	0.18	0.39	65.2	2.3	15	13.70	201
N828875		3.51	0.068	3.00	8.19	259	1630	1.54	3.44	0.14	0.41	67.2	1.6	14	16.40	133.5
N828876		2.35	0.058	5.88	7.64	234	1620	1.59	4.36	0.06	0.38	46.9	1.5	13	9.74	110.5
N828877		2.87	0.073	9.16	7.72	125.0	1930	1.35	9.06	0.05	0.20	64.1	1.3	13	8.76	96.2
N828878		2.70	0.068	2.22	7.95	194.5	1740	1.64	2.06	0.10	0.63	49.5	2.5	11	13.85	310
N828879		4.14	<0.005	0.04	0.07	<5	20	0.05	0.04	21.1	0.07	1.39	1.4	1	0.17	3.3
N828880		3.26	0.066	1.35	8.30	180.5	2060	1.96	1.27	0.14	0.93	65.1	4.4	12	14.25	569
N828881		3.15	0.068	1.30	8.10	29.1	2320	1.48	2.42	0.14	1.12	59.1	7.9	12	14.10	549
N828882		3.68	0.051	1.75	8.40	44.6	2670	1.70	2.15	0.21	0.95	67.6	4.4	16	14.60	349
N828883		2.61	0.099	1.71	7.44	68.9	1540	1.42	2.18	0.10	0.68	54.4	2.0	16	11.65	282
N828884		2.99	0.044	1.04	8.07	81.7	1550	2.41	1.27	0.13	1.50	55.2	6.4	11	17.50	516
N828885		3.70	0.005	0.21	7.27	12.3	1320	2.22	0.25	0.24	0.94	42.2	4.5	6	7.32	37.4
N828886		3.71	<0.005	0.16	7.14	9.0	1210	2.15	0.21	0.22	0.90	42.5	4.1	6	6.03	26.0
N828887		2.86	0.039	0.19	7.21	7.5	1220	2.34	0.21	0.23	0.62	42.8	3.7	7	7.65	22.2
N828888		3.78	0.007	0.40	7.38	13.4	1660	2.41	0.60	0.28	1.92	48.3	5.9	6	7.83	64.4
N828889		2.64	0.008	0.44	6.93	20.9	2240	2.50	1.24	0.20	1.63	45.0	6.3	5	7.24	122.0





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Finalized Date: 10-JUL-2012  
Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144530**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828854		4.42	16.85	0.16	0.9	0.028	2.56	29.2	16.5	0.43	135	7.80	1.47	6.5	2.5	660
N828855		5.91	15.75	0.17	0.7	0.046	2.92	24.2	16.3	0.37	113	5.04	0.98	5.0	4.4	870
N828856		4.21	15.75	0.17	0.8	0.038	2.95	27.8	17.2	0.33	125	27.5	1.16	4.9	2.8	620
N828857		4.94	15.50	0.17	0.7	0.068	3.11	29.6	12.8	0.37	76	18.55	0.63	3.6	2.8	940
N828858		3.50	17.35	0.15	0.8	0.051	2.83	29.9	23.5	0.31	70	3.93	0.55	5.4	2.7	800
N828859		4.49	15.40	0.16	0.7	0.100	3.20	29.6	9.5	0.35	64	21.5	0.06	3.4	1.9	730
N828860		4.94	18.00	0.17	0.8	0.084	3.14	31.9	18.6	0.30	106	6.25	0.08	4.8	3.2	790
N828861		3.86	18.05	0.10	0.9	0.052	3.09	28.6	14.1	0.26	352	4.56	0.07	5.7	4.4	650
N828862		4.13	17.40	0.10	0.8	0.056	3.11	29.4	12.3	0.31	103	6.44	0.21	4.1	3.2	540
N828863		4.15	18.85	0.11	0.8	0.060	3.00	28.0	16.0	0.36	81	3.73	0.11	5.2	3.2	560
N828864		3.72	17.80	0.11	0.8	0.049	2.79	28.7	26.2	0.31	250	4.58	0.80	4.6	3.7	670
N828865		4.34	17.35	0.13	0.8	0.063	2.81	29.5	22.7	0.32	116	8.34	0.09	3.8	3.6	690
N828866		4.44	16.10	0.12	0.8	0.069	2.94	30.1	16.7	0.33	94	27.9	0.16	3.5	4.3	880
N828867		4.92	14.90	0.13	0.8	0.141	2.91	33.1	15.7	0.40	174	17.75	0.07	3.2	3.0	850
N828868		6.67	15.00	0.13	0.9	1.735	2.58	23.3	22.6	0.89	1900	14.45	0.04	6.0	14.9	440
N828869		3.27	18.70	0.11	0.8	0.152	3.35	33.6	18.2	0.41	103	7.57	0.31	4.1	2.6	580
N828870		3.58	17.15	0.12	0.8	0.104	2.92	31.5	21.1	0.34	78	13.70	0.72	4.2	3.3	670
N828871		2.85	16.65	0.11	0.7	0.187	3.39	28.2	10.3	0.38	56	19.05	0.06	4.2	1.6	440
N828872		3.83	18.25	0.13	0.8	0.151	3.28	33.0	12.9	0.34	73	3.27	0.06	5.2	1.7	870
N828873		4.36	17.85	0.13	0.8	0.127	3.12	31.4	15.0	0.37	77	6.75	0.18	4.1	3.4	720
N828874		4.16	18.95	0.16	0.9	0.243	3.50	35.4	20.1	0.40	120	6.08	0.18	4.3	3.3	780
N828875		4.23	17.45	0.17	1.0	0.377	3.55	36.7	11.8	0.41	84	10.90	0.09	3.4	2.6	1620
N828876		2.86	16.80	0.13	0.7	0.259	3.73	23.6	14.1	0.43	72	16.90	0.09	3.1	1.3	940
N828877		2.71	16.95	0.13	0.8	0.296	3.58	35.3	9.1	0.40	74	7.96	0.07	3.4	1.3	450
N828878		3.20	17.10	0.14	0.8	0.216	3.51	26.7	13.1	0.42	85	12.45	0.11	2.4	2.1	500
N828879		0.47	0.29	<0.05	<0.1	0.005	0.03	0.7	0.9	12.30	204	0.32	<0.01	0.3	2.3	170
N828880		3.58	17.10	0.13	0.8	0.125	3.25	36.9	15.4	0.40	102	10.45	0.06	3.1	5.8	640
N828881		4.40	18.45	0.16	0.8	0.166	3.37	33.4	14.3	0.39	232	7.83	0.26	3.3	3.0	590
N828882		4.86	19.05	0.16	1.1	0.200	3.42	38.5	27.1	0.38	218	9.75	0.27	4.5	3.5	740
N828883		3.48	17.35	0.11	0.9	0.134	3.18	30.3	41.5	0.34	128	18.20	0.10	4.0	2.4	350
N828884		4.41	17.95	0.15	1.0	0.081	2.93	30.4	40.0	0.29	269	3.66	0.11	4.4	4.0	640
N828885		1.50	18.85	0.07	2.4	0.022	1.05	22.1	261	0.25	377	1.60	0.38	16.4	2.6	390
N828886		1.47	18.30	0.07	2.4	0.021	1.25	22.1	178.0	0.18	377	1.21	0.34	14.4	2.2	360
N828887		1.36	18.30	0.07	2.3	0.026	1.42	22.7	137.0	0.16	292	1.21	0.38	15.3	1.9	310
N828888		1.97	19.00	0.09	2.5	0.033	1.72	24.9	175.0	0.20	825	1.93	0.35	17.0	3.2	460
N828889		1.96	17.80	0.10	2.4	0.039	1.77	22.5	174.0	0.16	699	2.65	0.27	16.3	3.0	440



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**CERTIFICATE OF ANALYSIS WH12144530**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828854		18.9	113.5	0.003	0.14	1.65	11.4	2	2.1	217	0.49	<0.05	15.2	0.213	1.22	3.5
N828855		36.1	123.5	<0.002	0.12	3.45	10.6	3	3.3	153.0	0.37	0.11	16.0	0.179	1.46	5.4
N828856		23.2	120.0	0.004	0.13	1.99	10.8	2	3.1	193.0	0.40	0.06	14.3	0.180	1.42	4.2
N828857		25.7	129.5	0.004	0.15	5.64	11.1	2	3.9	127.5	0.27	0.08	15.7	0.162	1.56	4.0
N828858		23.1	119.5	<0.002	0.21	7.33	11.7	2	3.9	182.0	0.40	0.06	15.4	0.203	1.49	4.1
N828859		80.7	155.5	0.005	0.21	35.7	10.0	2	7.3	47.6	0.25	0.14	11.7	0.138	2.24	3.0
N828860		56.4	145.5	<0.002	0.14	13.90	11.2	2	3.3	60.7	0.32	0.09	13.8	0.186	2.17	4.1
N828861		39.2	142.5	<0.002	0.05	10.95	12.8	2	2.7	41.6	0.46	0.07	16.2	0.199	2.13	4.5
N828862		37.4	146.0	<0.002	0.38	4.24	13.3	2	5.8	99.1	0.34	0.12	14.1	0.160	1.88	3.8
N828863		50.6	143.0	<0.002	0.13	7.69	12.7	2	5.2	57.9	0.41	0.15	13.8	0.188	1.84	3.4
N828864		31.7	129.5	<0.002	0.11	5.22	12.3	2	4.1	192.0	0.39	0.11	15.7	0.166	1.69	3.9
N828865		38.0	132.0	<0.002	0.14	36.3	11.8	3	4.0	51.9	0.31	0.10	16.1	0.151	1.73	2.8
N828866		37.5	133.0	0.002	0.16	8.54	11.2	2	3.1	85.1	0.30	0.07	17.2	0.149	1.87	4.4
N828867		45.1	146.5	<0.002	0.49	12.25	11.4	2	7.7	165.0	0.28	0.16	18.4	0.136	2.04	3.6
N828868		2710	161.5	0.002	4.75	89.7	8.3	2	8.2	89.4	0.48	0.40	10.5	0.173	2.29	5.4
N828869		44.1	159.0	<0.002	0.44	8.87	14.1	2	6.3	143.5	0.33	0.15	20.2	0.181	2.36	3.0
N828870		63.1	138.5	<0.002	0.23	11.80	12.9	2	4.2	191.0	0.34	0.14	15.2	0.167	2.00	4.1
N828871		109.5	171.0	0.006	0.36	46.6	12.7	2	5.5	66.3	0.35	0.21	14.4	0.164	2.60	2.5
N828872		117.0	160.5	<0.002	0.66	12.65	12.7	2	10.3	86.6	0.45	0.12	20.6	0.194	2.70	2.4
N828873		62.7	154.5	<0.002	0.27	15.75	12.6	2	4.8	99.9	0.34	0.14	15.8	0.172	2.34	3.6
N828874		59.2	178.5	<0.002	0.25	33.5	13.3	3	5.9	95.5	0.35	0.17	19.2	0.168	2.77	3.7
N828875		85.4	182.5	<0.002	0.48	42.3	14.4	3	5.9	174.5	0.28	0.22	31.3	0.145	2.74	4.9
N828876		137.5	181.5	0.004	0.18	87.2	13.5	3	7.6	150.5	0.24	0.29	17.0	0.137	2.66	4.6
N828877		183.0	178.5	<0.002	0.31	50.6	12.3	3	10.8	105.5	0.27	0.35	16.7	0.149	2.58	2.5
N828878		115.0	176.5	0.003	0.24	49.4	12.5	2	6.5	83.4	0.19	0.27	12.2	0.118	2.45	6.0
N828879		1.8	1.7	<0.002	<0.01	0.28	0.3	1	<0.2	42.8	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N828880		62.4	162.5	<0.002	0.10	19.00	12.7	2	4.7	49.6	0.26	0.14	17.8	0.143	2.43	9.5
N828881		68.4	160.0	0.002	0.16	4.58	12.7	3	6.5	100.5	0.28	0.15	14.5	0.150	2.19	5.5
N828882		151.0	171.0	<0.002	0.29	7.86	12.6	2	6.7	138.5	0.37	0.19	17.0	0.160	2.31	4.7
N828883		66.0	152.0	0.005	0.28	6.53	12.0	2	9.5	46.7	0.32	0.22	11.1	0.160	1.99	3.5
N828884		76.6	153.0	<0.002	0.07	13.60	12.8	2	3.7	62.9	0.37	0.13	18.7	0.165	2.45	6.2
N828885		27.5	45.0	<0.002	0.02	3.15	3.5	1	2.1	296	1.66	<0.05	9.7	0.142	0.68	3.1
N828886		26.1	53.2	<0.002	0.02	3.16	3.4	1	1.9	249	1.60	<0.05	9.7	0.141	0.75	2.8
N828887		30.0	59.5	<0.002	0.02	2.75	3.5	1	2.4	259	1.53	<0.05	9.7	0.138	0.79	2.7
N828888		51.8	74.4	<0.002	0.05	4.89	4.1	1	2.4	226	1.71	0.05	11.0	0.164	1.02	3.4
N828889		52.5	72.5	<0.002	0.08	5.02	4.1	1	3.0	213	1.56	0.05	10.8	0.145	1.11	4.3



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**CERTIFICATE OF ANALYSIS WH12144530**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828854		71	4.3	11.0	120	24.4
N828855		70	4.7	10.0	164	19.4
N828856		72	7.9	10.4	173	21.2
N828857		75	7.5	10.1	136	18.7
N828858		78	7.6	8.8	97	21.8
N828859		66	10.7	6.6	106	19.3
N828860		74	6.6	9.8	160	22.3
N828861		70	4.4	13.2	155	25.0
N828862		74	12.4	10.7	133	22.1
N828863		75	6.8	10.9	153	23.4
N828864		67	8.0	13.0	121	22.7
N828865		71	7.2	12.3	125	22.7
N828866		65	6.0	11.8	127	21.3
N828867		67	15.3	9.8	159	21.1
N828868		56	5.1	10.2	5370	27.1
N828869		78	9.5	8.2	84	22.6
N828870		72	7.3	10.1	97	22.9
N828871		70	13.5	6.8	69	21.2
N828872		70	8.1	7.7	75	23.2
N828873		73	7.2	9.3	109	22.9
N828874		76	7.8	9.0	95	26.9
N828875		70	10.8	7.7	67	30.6
N828876		70	14.3	5.4	55	21.2
N828877		67	11.4	5.4	31	23.5
N828878		70	10.4	7.8	90	25.8
N828879		2	0.1	0.8	18	<0.5
N828880		70	6.8	12.8	98	22.4
N828881		70	8.3	14.5	139	22.4
N828882		70	9.1	12.8	162	32.6
N828883		68	12.7	11.7	124	26.1
N828884		67	5.8	20.3	275	28.5
N828885		17	1.8	15.0	86	56.2
N828886		16	1.8	14.1	76	53.2
N828887		17	2.0	12.4	77	54.3
N828888		21	2.2	15.4	108	59.7
N828889		19	2.3	14.0	117	57.9



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Project: Klaza TR-12-8

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 10-JUL-2012  
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**CERTIFICATE OF ANALYSIS WH12144530**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12144531**

Project: Klaza TR-12-8

P.O. No.: Batch 10

This report is for 20 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144531**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N828890		3.42	0.057	1.52	7.55	86.6	1570	2.13	2.57	0.18	1.19	53.0	3.9	9	8.70	306
N828891		3.01	0.054	1.46	8.05	55.2	1950	1.99	1.24	0.25	1.43	62.0	5.7	12	11.25	396
N828892		2.41	0.014	0.77	7.82	25.0	1560	2.19	0.84	0.43	2.54	78.5	7.3	15	15.65	94.9
N828893		2.91	0.030	0.67	8.00	27.1	1870	1.94	0.94	0.40	1.38	67.2	6.9	17	11.35	95.7
N828894		2.45	0.039	1.51	7.47	45.3	2060	1.77	1.58	0.39	1.09	63.1	5.3	16	9.47	105.5
N828895		2.29	0.092	1.18	7.96	44.0	3320	1.92	3.40	0.25	1.28	59.4	8.8	9	11.90	482
N828896		3.12	0.070	1.03	8.02	35.3	2990	2.01	2.12	0.49	1.17	59.0	7.9	11	11.35	470
N828897		2.20	0.048	1.09	8.10	59.2	1860	2.09	1.34	0.30	1.56	66.2	7.3	15	19.75	565
N828898		3.25	0.039	0.79	8.07	51.8	2500	1.76	1.08	0.32	1.39	55.2	8.1	11	12.10	469
N828899		2.36	0.050	1.72	7.93	129.5	2860	2.18	1.65	0.16	1.86	64.9	5.1	12	25.2	397
N828900		3.34	0.029	1.32	8.22	54.4	2880	2.50	0.98	0.30	1.76	79.7	9.2	29	24.9	282
N828901		3.02	0.011	0.62	8.05	30.8	2420	3.00	0.55	0.29	1.56	72.5	11.4	26	27.9	137.0
N828902		2.36	0.007	0.69	8.34	20.6	1750	2.93	0.46	0.41	1.85	65.9	11.9	18	28.9	119.0
N828903		4.06	<0.005	0.01	0.12	<5	30	0.06	0.03	20.9	0.06	1.38	1.4	1	0.37	2.4
N828904		3.12	0.011	0.56	8.37	20.7	2080	2.47	0.76	0.82	1.77	69.1	8.7	16	30.5	109.5
N828905		0.21	2.44	22.8	5.83	2910	1030	1.25	18.45	2.09	73.2	42.3	10.6	18	14.30	409
N828906		3.54	0.008	0.36	8.25	13.4	1630	2.72	0.45	0.86	2.16	67.7	8.0	15	29.3	77.6
N828907		3.05	0.014	0.27	7.95	12.3	1110	2.81	0.44	0.72	1.64	66.0	10.1	15	27.3	81.2
N828908		3.29	0.007	0.33	8.03	14.5	1620	2.73	0.36	0.80	2.72	70.8	30.0	22	27.9	144.5
N828909		2.74	0.012	0.65	7.80	36.2	1810	2.79	1.02	1.65	5.55	62.1	8.4	27	23.9	34.8



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 Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144531**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N828890		3.67	16.15	0.14	1.6	0.121	2.95	30.9	48.5	0.29	291	6.97	0.18	6.7	3.1	620
N828891		3.82	16.45	0.15	1.3	0.083	2.89	37.0	28.1	0.32	267	3.25	0.41	5.0	3.9	680
N828892		3.24	17.30	0.17	2.5	0.056	2.97	41.1	22.6	0.27	823	1.89	0.57	9.3	5.6	910
N828893		3.11	17.00	0.15	2.6	0.061	2.91	36.2	36.7	0.29	696	1.59	1.02	7.7	6.1	840
N828894		2.90	16.10	0.15	2.2	0.087	2.89	35.2	22.1	0.33	455	2.17	0.93	6.4	5.8	690
N828895		4.68	15.80	0.17	1.0	0.118	2.99	35.2	22.5	0.34	261	5.22	0.91	3.2	3.8	770
N828896		4.20	15.50	0.17	1.1	0.102	2.93	35.9	18.1	0.31	253	4.10	1.18	3.7	3.6	680
N828897		4.52	16.15	0.16	1.8	0.088	2.91	40.1	34.6	0.32	405	3.80	0.43	5.7	6.4	810
N828898		3.98	16.05	0.16	1.0	0.079	2.86	32.9	19.9	0.32	315	2.97	1.13	3.7	3.9	660
N828899		4.86	15.10	0.15	1.3	0.098	3.02	41.1	43.1	0.36	352	3.62	0.14	3.6	5.7	940
N828900		3.38	18.35	0.16	3.9	0.062	2.86	45.9	34.0	0.27	803	2.39	0.24	9.1	12.6	1020
N828901		2.97	21.7	0.20	3.6	0.055	2.89	37.9	49.7	0.25	826	1.86	0.10	10.9	14.6	900
N828902		3.15	21.9	0.23	3.0	0.041	2.64	33.6	51.0	0.30	693	1.17	0.29	8.5	9.5	910
N828903		0.49	0.48	0.25	<0.1	0.005	0.04	0.7	1.1	12.30	216	0.11	0.01	0.3	2.0	170
N828904		3.31	21.0	0.23	2.7	0.052	2.86	36.1	27.5	0.35	713	1.26	0.78	8.7	7.5	900
N828905		6.40	13.75	0.14	0.9	1.665	2.52	23.3	23.3	0.86	1830	12.90	0.04	5.9	14.8	420
N828906		3.16	21.1	0.21	2.6	0.048	2.94	35.2	28.2	0.37	769	0.98	0.40	8.6	7.4	880
N828907		2.98	20.7	0.23	2.6	0.046	2.81	34.2	43.5	0.25	858	1.04	0.18	8.8	7.4	880
N828908		3.60	20.6	0.24	3.1	0.041	2.76	36.3	51.5	0.28	2070	1.62	0.13	8.9	13.8	880
N828909		2.92	20.5	0.24	3.5	0.054	2.68	31.7	46.5	0.27	598	3.44	0.11	10.6	15.4	920



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 Account: ROCKHA

Project: Klaza TR-12-8

**CERTIFICATE OF ANALYSIS WH12144531**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828890		162.0	133.5	0.002	0.16	14.75	8.9	2	8.1	95.9	0.64	0.11	12.6	0.184	2.11	5.4
N828891		122.5	132.5	<0.002	0.15	13.15	11.3	2	3.8	129.0	0.42	0.09	13.6	0.216	1.90	5.0
N828892		53.2	123.5	<0.002	0.08	10.75	7.1	2	2.3	157.0	0.73	0.07	12.3	0.280	1.64	4.6
N828893		46.9	112.0	<0.002	0.10	10.25	8.0	2	3.2	338	0.62	0.08	11.1	0.286	1.54	4.3
N828894		45.1	126.0	<0.002	0.13	9.95	9.3	2	5.1	274	0.53	0.11	11.1	0.246	1.64	3.6
N828895		54.7	133.0	<0.002	0.17	7.00	11.5	3	4.4	251	0.28	0.13	15.8	0.158	1.94	4.8
N828896		47.3	121.0	<0.002	0.13	6.77	11.3	2	4.1	238	0.33	0.12	16.0	0.183	1.73	4.4
N828897		110.5	129.0	<0.002	0.10	14.90	11.3	2	3.2	193.0	0.49	0.12	17.4	0.236	1.73	5.8
N828898		37.1	131.0	<0.002	0.09	8.13	11.0	2	3.4	235	0.31	0.08	13.4	0.180	1.84	3.7
N828899		99.0	141.5	<0.002	0.16	18.80	10.1	2	3.9	173.5	0.30	0.11	15.9	0.165	2.08	4.5
N828900		103.5	113.5	0.002	0.10	17.50	7.6	2	2.6	185.0	0.72	0.05	13.6	0.285	1.45	5.9
N828901		43.3	130.0	<0.002	0.05	20.9	8.6	2	1.9	118.0	0.82	<0.05	13.3	0.268	1.55	5.5
N828902		35.8	115.0	<0.002	0.03	34.1	10.7	2	1.6	115.5	0.65	<0.05	10.4	0.298	1.28	3.8
N828903		1.7	2.1	<0.002	0.01	0.10	0.4	1	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N828904		53.4	124.0	<0.002	0.05	23.9	10.1	2	1.8	192.5	0.67	0.06	10.9	0.290	1.34	3.2
N828905		2610	156.5	<0.002	4.64	79.9	8.4	2	7.5	91.0	0.46	0.35	10.5	0.167	2.40	5.4
N828906		35.9	127.5	<0.002	0.03	15.70	9.8	2	1.6	118.5	0.65	<0.05	10.4	0.281	1.32	2.8
N828907		27.5	122.0	<0.002	0.02	13.30	9.6	2	1.5	82.2	0.65	0.05	10.1	0.290	1.29	3.1
N828908		31.6	121.5	<0.002	0.03	15.60	9.8	2	1.8	133.0	0.67	<0.05	11.1	0.282	1.44	4.2
N828909		107.0	98.6	<0.002	0.10	16.85	7.0	2	2.0	145.0	0.79	<0.05	10.9	0.267	1.25	5.0





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Total # Pages: 2 (A - D)

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Finalized Date: 11-JUL-2012

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CERTIFICATE OF ANALYSIS	WH12144531
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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
N828890		59	5.9	12.1	183	43.7
N828891		75	4.1	11.6	170	30.5
N828892		61	2.6	11.9	180	80.7
N828893		71	3.5	9.9	143	83.5
N828894		68	5.5	9.1	108	70.9
N828895		72	6.2	13.9	133	23.9
N828896		73	4.5	13.1	121	24.2
N828897		73	3.7	14.9	238	56.6
N828898		73	4.6	13.1	136	23.5
N828899		68	4.2	13.2	189	42.6
N828900		62	2.6	13.6	214	146.5
N828901		58	5.2	16.0	180	126.0
N828902		77	12.9	16.2	172	100.0
N828903		3	0.1	0.9	16	0.7
N828904		77	2.0	16.4	156	85.3
N828905		53	5.6	9.7	4920	25.4
N828906		76	2.0	16.2	176	83.4
N828907		74	2.5	15.7	147	84.9
N828908		71	2.7	19.8	228	109.5
N828909		60	1.7	12.8	204	129.0

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



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Project: Klaza TR-12-8

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**CERTIFICATE OF ANALYSIS WH12144531**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12145811**

Project: Klaza-66

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12145811**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829595		10.17	0.020	0.98	7.22	41.5	1620	1.64	3.31	2.42	0.41	45.6	6.6	10	14.45	115.5
N829596		9.14	0.025	1.33	7.20	29.2	2440	1.77	2.53	2.74	0.32	36.7	6.9	12	13.20	117.5
N829597		7.45	0.014	0.61	7.29	19.3	2000	1.59	1.17	2.87	0.25	41.3	6.5	12	13.50	53.9
N829598		9.61	0.052	1.37	7.38	48.6	1350	1.63	2.14	3.08	1.67	47.6	8.6	10	19.80	25.1
N829599		0.27	4.72	>100	5.51	7240	430	1.41	68.5	1.97	221	34.9	9.6	18	12.75	1290
N829600		5.02	0.938	18.80	6.97	144.5	1670	1.19	15.80	0.46	1.34	27.3	17.0	10	6.31	32.4
N829601		1.99	<0.005	0.02	0.08	<5	20	0.07	0.04	20.8	0.07	1.04	1.5	1	0.16	2.2
N829602		8.90	0.150	6.72	7.44	77.0	600	1.44	6.87	1.34	0.86	49.5	10.6	10	18.85	23.5
N829603		8.96	0.011	0.34	7.45	19.0	1770	1.56	2.11	2.26	0.32	42.3	10.0	11	13.15	8.6
N829604		5.64	0.038	1.34	7.26	46.5	510	1.29	2.55	1.86	0.28	47.6	8.9	6	17.10	71.3
N829605		11.74	0.008	0.23	6.91	13.5	2320	1.05	0.78	2.57	0.27	37.8	5.1	7	12.65	27.6
N829606		12.64	0.007	0.17	7.56	10.3	2060	1.11	0.68	1.80	0.14	45.1	7.4	8	13.20	35.7
N829607		11.72	0.018	0.50	7.28	24.5	1780	1.18	1.15	1.74	0.19	52.9	7.5	8	11.85	49.8
N829608		12.83	0.011	0.52	7.39	22.5	1950	1.32	1.13	2.25	0.17	42.9	8.5	8	13.00	70.6
N829609		10.77	0.006	0.29	6.84	16.0	2180	1.33	0.82	2.70	0.23	40.2	9.2	7	11.20	22.5
N829610		5.03	0.008	0.24	7.14	15.9	2310	1.39	0.96	2.52	0.22	43.3	8.8	8	11.70	37.4
N829611		10.38	0.013	0.25	7.52	11.9	2510	1.44	0.91	1.98	0.16	44.3	7.7	7	12.20	54.1
N829612		9.16	0.044	0.80	6.52	51.7	1830	1.45	1.46	3.38	0.79	49.0	7.3	8	19.60	69.9
N829613		6.94	0.006	0.34	7.08	22.2	1750	1.44	0.92	2.67	0.26	45.2	6.0	7	21.7	36.5
N829614		0.25	4.43	>100	5.71	7550	170	1.34	53.9	2.08	236	35.8	10.1	31	11.80	1345
N829615		8.61	0.023	0.55	7.45	63.5	1500	1.50	2.32	1.92	1.26	50.6	5.4	9	17.35	33.0
N829616		6.24	0.905	9.51	6.77	4360	230	1.35	17.05	1.04	3.44	49.6	13.9	7	8.28	42.6
N829617		1.86	<0.005	0.03	0.10	<5	20	0.07	0.07	22.2	0.11	1.61	1.3	<1	0.27	1.5
N829618		11.69	0.017	0.59	6.91	45.0	1760	1.28	1.06	2.81	0.59	41.0	7.1	6	17.70	43.7
N829619		10.91	0.027	0.28	6.91	24.2	1950	1.22	0.88	2.83	0.29	41.6	6.9	6	30.5	24.6
N829620		9.41	0.039	1.15	7.29	53.9	2190	1.36	1.44	2.10	4.50	48.4	5.3	7	17.55	59.3
N829621		4.30	0.049	1.27	7.14	45.0	570	1.32	2.36	2.16	7.60	53.1	6.4	7	18.05	154.0
N829622		11.25	0.036	0.90	7.41	24.6	2460	1.42	1.67	2.80	1.40	47.7	8.0	9	12.35	52.2
N829623		10.17	0.063	2.33	7.36	32.4	500	1.52	2.62	2.62	6.40	56.9	7.5	16	10.65	80.1
N829624		10.54	0.036	0.24	7.08	21.7	1090	1.40	1.89	2.75	0.20	40.9	10.2	8	12.50	70.1
N829625		5.46	0.044	0.28	7.97	22.6	390	1.71	2.28	2.83	0.23	53.4	7.0	9	14.65	96.2
N829626		10.40	0.028	0.33	7.40	24.3	2120	1.47	1.05	2.66	0.46	52.3	5.7	7	14.25	82.8
N829627		8.77	0.096	0.89	7.68	41.6	1380	1.52	1.75	2.65	5.37	62.3	6.2	6	20.6	63.1
N829628		<0.02	0.080	0.80	7.25	40.1	2290	1.51	1.70	2.59	4.72	55.4	6.6	6	19.50	59.9
N829629		5.46	0.076	1.20	7.78	35.5	1500	1.44	1.32	2.34	6.69	51.1	3.1	8	11.95	68.9
N829630		10.00	0.172	1.13	7.08	51.8	560	1.40	1.98	2.45	1.44	52.6	18.3	8	12.95	218



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**CERTIFICATE OF ANALYSIS WH12145811**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829595		3.11	14.55	0.22	1.1	0.386	2.55	23.3	31.0	0.83	916	2.77	0.08	7.1	2.0	550
N829596		3.30	13.80	0.25	1.1	0.339	2.68	17.5	23.5	0.75	828	1.92	0.76	7.1	2.0	590
N829597		3.27	14.20	0.30	1.2	0.116	2.61	19.6	10.8	0.81	839	1.24	1.54	7.1	1.9	580
N829598		3.48	14.30	0.30	0.8	0.201	3.02	24.9	11.8	1.07	1860	1.91	0.06	6.7	2.1	590
N829599		8.16	11.85	0.29	1.0	4.18	2.29	15.7	34.2	0.63	3090	14.75	0.08	5.0	14.3	450
N829600		11.20	20.3	0.19	1.0	0.115	3.00	13.7	5.4	0.39	470	1.77	0.05	7.2	3.7	540
N829601		0.49	0.65	0.28	<0.1	<0.005	0.03	0.5	1.0	12.70	214	0.07	<0.01	0.3	<0.2	180
N829602		4.70	15.75	0.23	0.9	0.251	2.93	27.4	23.8	0.69	837	2.18	0.05	6.5	2.6	570
N829603		3.45	14.85	0.31	0.8	0.282	2.96	20.9	27.0	0.83	816	3.35	0.79	7.1	2.1	630
N829604		4.02	16.15	0.08	0.8	0.385	3.39	24.7	25.0	0.73	692	1.85	0.36	7.2	3.3	570
N829605		3.13	15.35	0.07	0.9	0.096	2.58	18.2	64.4	0.85	639	3.78	0.36	8.1	2.5	610
N829606		3.25	16.50	0.09	1.0	0.111	2.89	21.9	36.7	0.64	547	2.20	0.30	8.3	2.8	630
N829607		3.16	14.80	0.12	0.9	0.219	2.76	29.4	24.1	0.79	551	5.90	2.57	8.1	2.9	560
N829608		2.80	15.80	0.11	0.9	0.248	2.74	21.5	42.9	0.74	538	2.45	0.40	8.3	3.0	630
N829609		3.00	14.80	0.12	0.9	0.190	2.53	19.6	21.0	0.79	589	2.16	1.04	8.1	2.9	610
N829610		3.16	15.50	0.13	0.9	0.121	2.59	21.1	18.4	0.80	476	2.27	1.29	8.7	2.9	620
N829611		3.53	15.30	0.13	0.8	0.132	2.77	22.3	21.5	0.71	395	4.30	0.74	8.3	2.8	650
N829612		3.52	14.30	0.13	0.7	0.290	2.77	25.5	20.2	1.13	1460	3.82	0.09	7.1	3.0	560
N829613		3.27	15.75	0.12	0.9	0.147	2.80	23.2	30.2	0.86	902	6.38	0.07	8.2	3.6	580
N829614		8.99	13.25	0.22	1.0	4.92	2.50	17.8	38.5	0.64	3170	15.90	0.09	6.4	23.2	470
N829615		3.65	15.85	0.11	1.0	0.152	2.69	25.9	42.1	0.71	1060	2.16	0.06	9.0	2.7	600
N829616		8.92	15.90	0.21	0.8	0.265	3.29	25.3	11.3	0.57	678	2.12	0.05	7.8	3.8	530
N829617		0.44	0.35	0.11	<0.1	0.006	0.02	0.8	1.2	13.55	187	0.12	0.01	0.4	1.0	200
N829618		3.20	16.00	0.09	1.0	0.167	2.59	20.1	41.2	0.68	854	3.11	0.07	8.6	2.8	590
N829619		2.86	14.95	0.14	0.9	0.138	2.51	21.1	56.6	0.73	597	3.00	0.54	8.0	2.8	590
N829620		3.89	15.05	0.15	0.9	0.404	3.09	24.9	42.4	0.86	760	1.48	1.07	8.2	2.7	620
N829621		4.91	15.40	0.17	0.8	0.269	3.13	27.0	28.3	0.94	866	0.93	0.99	8.1	2.8	610
N829622		3.42	15.20	0.15	0.9	0.110	2.81	23.9	14.2	0.83	544	1.50	2.08	8.7	3.4	650
N829623		3.64	15.60	0.17	1.0	0.122	2.69	29.1	10.5	0.73	425	2.49	1.94	8.4	6.4	610
N829624		3.27	15.30	0.13	0.9	0.133	2.49	19.7	23.1	0.77	435	8.12	1.45	8.5	3.0	620
N829625		4.56	18.10	0.17	1.1	0.157	2.69	26.2	17.0	0.84	418	5.05	1.66	9.5	4.2	730
N829626		3.26	15.05	0.14	1.0	0.156	2.54	26.6	23.0	0.91	460	10.05	0.42	8.5	2.7	610
N829627		4.85	17.70	0.18	0.9	0.331	2.52	33.0	28.5	0.91	903	2.08	0.09	8.1	2.6	610
N829628		4.63	17.95	0.16	0.8	0.331	2.42	28.5	28.6	0.86	873	4.96	0.09	8.1	2.6	580
N829629		3.31	16.50	0.15	0.9	0.288	2.47	25.6	30.0	0.80	692	5.81	0.07	8.6	3.0	660
N829630		4.60	14.25	0.18	0.7	0.323	2.72	27.3	18.4	0.93	946	5.33	0.07	7.4	4.0	540



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**CERTIFICATE OF ANALYSIS WH12145811**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829595		29.0	90.0	<0.002	0.63	10.10	9.9	2	4.3	112.5	0.58	0.30	13.5	0.227	2.00	3.5
N829596		23.2	86.1	<0.002	1.10	8.86	10.0	2	2.9	234	0.68	1.08	10.2	0.256	1.58	3.7
N829597		24.8	82.9	<0.002	0.54	4.00	9.4	2	2.2	340	0.75	0.41	11.2	0.253	1.45	4.6
N829598		61.5	136.5	<0.002	1.50	6.11	10.7	2	3.7	108.0	0.55	0.75	11.0	0.255	2.62	3.6
N829599		9580	124.0	0.002	7.19	215	8.6	3	9.0	120.0	0.39	0.69	8.4	0.183	2.24	4.9
N829600		86.9	153.5	<0.002	>10.0	3.39	9.7	6	18.3	26.0	0.63	14.00	12.2	0.220	2.47	4.6
N829601		1.5	1.1	<0.002	0.02	0.07	0.4	1	<0.2	37.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N829602		61.9	171.5	0.002	2.71	7.96	10.7	2	8.2	87.3	0.57	4.42	12.7	0.238	2.39	5.7
N829603		15.9	124.0	0.003	1.03	4.51	11.4	2	4.1	245	0.57	0.84	10.1	0.265	2.02	2.6
N829604		35.6	180.0	<0.002	2.11	9.29	9.9	1	5.2	147.5	0.56	0.63	12.1	0.236	2.40	4.1
N829605		22.6	74.1	0.003	0.31	7.44	9.7	1	2.4	220	0.60	0.21	10.1	0.256	1.20	2.3
N829606		21.8	89.6	0.002	0.41	8.34	10.6	1	4.6	169.0	0.67	0.13	11.9	0.271	1.33	2.6
N829607		24.6	130.5	0.002	0.60	8.20	9.9	1	4.4	222	0.63	0.23	14.0	0.241	1.40	3.4
N829608		21.8	95.8	<0.002	0.61	14.10	10.5	1	5.8	206	0.62	0.26	12.7	0.262	1.56	3.1
N829609		23.9	74.2	<0.002	0.58	5.88	9.9	1	3.2	287	0.64	0.19	10.3	0.256	1.34	2.8
N829610		21.7	84.6	<0.002	0.50	7.48	10.7	2	2.9	304	0.66	0.26	10.9	0.262	1.29	3.1
N829611		21.2	97.4	0.002	0.48	8.33	10.9	1	3.2	212	0.59	0.20	10.3	0.269	1.53	2.6
N829612		49.8	109.0	<0.002	1.11	13.95	9.7	1	3.2	112.0	0.51	0.31	9.6	0.223	2.19	4.3
N829613		17.6	96.7	0.002	0.25	10.70	9.9	1	2.9	121.5	0.64	0.08	11.9	0.247	1.98	3.1
N829614		>10000	131.5	0.002	7.23	221	8.3	3	8.8	122.0	0.44	0.49	8.4	0.188	2.22	5.4
N829615		79.8	108.5	<0.002	0.49	14.35	10.5	1	4.4	104.0	0.78	0.10	13.9	0.258	1.96	4.0
N829616		308	194.0	<0.002	7.83	26.9	11.1	3	11.3	28.9	0.62	2.13	12.1	0.226	2.66	4.8
N829617		3.4	2.0	<0.002	<0.01	0.13	0.3	1	<0.2	42.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829618		41.3	85.0	0.003	0.64	14.35	9.5	1	4.8	149.0	0.75	0.17	11.6	0.256	1.77	3.1
N829619		23.5	88.8	<0.002	0.58	8.81	9.5	1	4.3	210	0.61	0.20	11.1	0.253	1.49	3.6
N829620		206	137.5	<0.002	1.14	7.50	10.6	1	3.8	204	0.60	0.21	11.5	0.257	1.97	3.8
N829621		148.0	136.5	<0.002	2.18	6.29	10.9	2	5.4	180.0	0.61	0.40	11.0	0.252	2.20	3.9
N829622		82.2	99.6	<0.002	1.15	11.30	11.0	2	3.8	331	0.63	0.32	11.6	0.274	1.41	3.7
N829623		244	106.0	<0.002	2.12	19.50	10.6	2	5.1	315	0.62	0.52	11.9	0.254	1.40	4.4
N829624		21.6	77.3	0.003	1.45	12.55	10.2	2	5.5	217	0.63	0.41	10.1	0.261	1.32	3.1
N829625		19.7	86.3	0.002	2.67	11.80	11.5	3	6.6	235	0.70	0.56	11.0	0.296	1.57	3.7
N829626		24.4	82.1	0.002	1.25	15.40	10.1	2	5.6	123.0	0.65	0.30	14.0	0.252	1.50	3.9
N829627		144.0	97.8	0.002	1.08	28.6	10.4	2	11.1	119.5	0.59	0.20	13.7	0.238	1.57	3.2
N829628		123.5	84.3	0.002	1.10	27.5	10.2	2	11.2	118.5	0.57	0.21	12.3	0.235	1.58	2.9
N829629		107.0	86.0	0.004	1.07	27.9	10.6	1	5.9	75.6	0.58	0.35	11.7	0.265	1.74	2.6
N829630		47.6	136.5	0.002	2.72	32.2	9.9	2	8.7	77.1	0.52	0.34	11.2	0.231	2.04	3.2



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N829595		63	2.7	12.4	76	24.7			
N829596		74	3.1	11.1	67	23.7			
N829597		69	1.9	11.5	57	26.2			
N829598		73	3.4	11.5	169	19.0			
N829599		52	4.5	7.3	>10000	27.1	116		1.550
N829600		61	8.5	9.6	138	22.5			
N829601		3	0.1	0.6	16	<0.5			
N829602		68	6.3	9.0	95	19.6			
N829603		80	3.2	10.2	68	19.1			
N829604		72	5.1	12.6	59	22.2			
N829605		73	23.9	14.2	63	23.3			
N829606		76	9.1	15.4	48	24.8			
N829607		66	2.8	14.1	50	23.1			
N829608		76	4.8	14.3	58	23.2			
N829609		75	2.6	13.5	54	21.2			
N829610		73	2.1	14.8	48	22.6			
N829611		76	3.8	13.5	48	20.3			
N829612		68	2.2	13.4	109	18.6			
N829613		71	3.0	13.4	61	25.0			
N829614		56	4.6	9.4	>10000	33.1	120	0.976	1.605
N829615		74	4.2	14.4	156	25.3			
N829616		70	6.6	8.6	304	20.1			
N829617		3	0.1	0.9	19	<0.5			
N829618		72	7.3	12.7	86	22.7			
N829619		68	19.9	13.2	55	22.7			
N829620		70	6.9	13.1	457	22.0			
N829621		72	8.3	12.3	697	20.5			
N829622		74	1.6	14.4	116	21.5			
N829623		70	4.1	13.2	417	24.4			
N829624		70	2.5	13.3	37	21.6			
N829625		93	1.8	14.5	35	27.2			
N829626		71	2.4	13.9	55	25.9			
N829627		90	4.4	16.4	252	22.5			
N829628		88	4.2	15.7	216	21.7			
N829629		73	3.0	14.3	285	23.3			
N829630		66	3.0	12.9	147	19.3			



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Project: Klaza-66

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**CERTIFICATE OF ANALYSIS WH12145811**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12145812**

Project: Klaza - 66

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 12-JUL-2012  
Account: ROCKHA

Project: Klaza - 66

**CERTIFICATE OF ANALYSIS WH12145812**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829631		9.17	0.035	0.35	7.04	33.9	1740	1.54	1.14	2.24	0.32	44.4	7.9	11	12.10	32.6
N829632		0.22	4.37	>100	5.47	7980	570	1.04	57.4	1.95	220	34.7	9.0	17	11.65	1215
N829633		7.35	0.105	1.26	6.54	137.5	640	1.38	2.30	2.00	0.91	60.2	11.0	9	12.40	86.3
N829634		5.94	0.637	>100	5.86	474	50	1.16	291	1.59	18.75	38.2	39.9	8	5.95	1415
N829635		1.69	<0.005	0.22	0.08	<5	20	0.06	0.44	20.7	0.09	1.28	0.5	<1	0.19	4.7
N829636		6.48	0.106	1.14	6.94	46.7	600	1.25	2.11	2.70	7.64	47.5	9.7	9	10.50	34.4
N829637		13.52	0.038	0.60	6.88	43.7	1410	1.37	1.40	3.13	0.57	39.4	10.2	9	14.30	39.4
N829638		11.55	0.034	0.37	6.62	21.8	1660	1.35	1.43	3.04	0.31	34.5	5.5	10	11.65	46.9
N829639		12.93	0.016	0.15	6.52	23.7	1740	1.34	0.77	3.01	0.15	42.8	12.1	9	11.20	29.6
N829640		13.84	0.011	0.42	6.80	37.7	1250	1.50	1.00	2.69	0.22	39.7	19.0	9	12.50	85.5
N829641		0.23	2.27	24.6	6.00	3440	1090	1.37	18.65	2.21	76.5	44.0	10.3	19	14.65	432
N829642		4.36	0.143	4.24	6.30	102.5	520	1.22	6.62	2.62	44.6	39.4	28.1	7	11.15	45.8
N829643		11.36	0.051	1.48	6.20	38.0	1920	1.31	1.92	4.37	7.01	41.4	5.2	9	11.25	41.5
N829644		9.30	0.112	2.36	7.16	126.0	530	1.33	3.29	1.73	3.76	53.6	4.5	9	9.23	62.7
N829645		10.29	0.118	1.94	7.18	100.0	1280	1.60	2.69	1.73	1.62	53.4	7.1	10	14.25	68.8
N829646		5.85	0.264	4.13	6.57	273	190	1.32	8.16	0.62	0.80	51.7	13.8	9	5.62	28.0
N829647		16.23	0.087	2.98	7.17	103.0	1250	1.36	4.69	1.56	0.62	51.0	6.9	10	10.45	44.6
N829648		13.73	<0.005	0.22	7.24	10.5	2460	1.35	0.40	2.31	0.80	46.4	9.5	9	11.20	3.3
N829649		12.06	0.005	0.25	6.93	9.3	1820	1.44	0.58	2.74	0.34	42.8	8.8	10	9.74	5.9
N829650		7.73	0.006	0.21	8.06	14.0	1860	1.37	0.66	1.45	0.27	64.9	9.1	10	10.30	8.5
N829651		3.46	0.009	0.25	7.75	13.8	1960	1.58	0.86	1.48	0.22	67.5	12.1	10	11.10	9.7
N829652		5.81	0.171	3.76	6.52	156.5	310	1.39	5.65	1.36	5.55	59.8	14.1	8	14.40	59.9
N829653		12.09	0.046	0.80	7.11	45.3	1890	1.64	1.25	2.16	1.28	48.3	6.2	10	16.50	22.1
N829654		13.40	<0.005	0.25	7.01	10.1	2200	1.54	0.70	2.63	0.14	45.7	6.5	10	14.90	36.8
N829655		14.41	<0.005	0.16	7.34	8.5	1990	1.44	0.40	2.63	0.25	43.6	5.7	11	11.00	15.8
N829656		15.03	0.064	0.96	7.24	76.3	1120	1.40	1.73	2.27	1.48	55.8	9.1	9	13.10	28.4
N829657		5.60	0.461	3.95	6.81	545	360	1.48	6.05	1.14	8.77	53.1	9.4	69	10.30	64.8
N829658		1.03	<0.005	0.08	0.09	<5	30	0.05	0.04	21.4	0.07	1.41	0.5	<1	0.23	1.6
N829659		7.05	2.38	17.60	7.17	1050	280	1.51	22.0	1.25	30.8	61.0	7.1	10	13.80	1020
N829660		14.57	0.010	0.30	7.41	28.9	2330	1.67	0.47	2.40	0.54	54.6	6.9	10	12.95	17.2
N829661		12.47	0.032	0.89	7.02	107.5	1890	1.35	1.56	2.42	0.90	46.1	7.5	10	14.25	27.1
N829662		12.62	0.010	0.35	6.52	23.2	1850	1.36	0.57	3.46	1.12	42.4	7.3	9	14.30	8.3
N829663		<0.02	0.009	0.32	6.69	21.5	1860	1.35	0.51	3.32	1.09	46.1	7.0	9	14.95	8.2
N829664		3.22	0.243	3.20	6.10	166.0	320	1.59	2.11	3.40	25.0	48.7	18.5	6	13.00	215
N829665		10.65	0.015	0.59	7.58	28.5	1710	1.38	0.77	2.27	0.52	47.4	8.1	13	13.80	29.9
N829666		9.41	0.005	0.16	7.47	16.5	2240	1.61	0.49	2.33	0.24	41.7	12.6	10	11.85	9.1



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Project: Klaza - 66

**CERTIFICATE OF ANALYSIS WH12145812**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829631		3.11	15.15	0.11	0.8	0.290	2.49	22.0	20.0	0.82	681	2.93	1.18	7.0	2.5	590
N829632		8.05	12.55	0.09	1.0	4.78	2.25	18.6	30.9	0.63	2900	15.30	0.08	5.3	13.3	440
N829633		4.04	14.80	0.11	0.8	0.323	2.89	35.7	8.9	0.93	595	2.39	0.05	6.0	3.0	500
N829634		11.20	16.50	0.13	0.6	1.175	2.69	18.8	12.0	0.78	871	3.35	0.05	4.2	2.6	420
N829635		0.43	0.17	0.06	<0.1	0.006	0.03	0.6	1.0	12.50	189	0.14	<0.01	0.1	1.5	220
N829636		5.10	15.60	0.12	0.7	0.405	2.80	25.2	14.2	1.02	766	1.58	0.07	6.0	2.7	560
N829637		3.31	15.40	0.14	0.9	0.139	2.43	19.2	34.6	1.09	715	4.08	0.11	7.1	2.1	560
N829638		3.11	14.70	0.11	0.9	0.183	2.13	16.5	44.4	0.94	550	2.59	0.11	7.2	2.3	580
N829639		3.27	14.75	0.11	1.0	0.277	2.33	24.0	40.0	0.88	719	3.15	0.85	6.4	3.4	510
N829640		3.32	16.00	0.15	0.9	0.217	2.42	19.3	50.3	0.85	638	28.0	0.36	7.6	2.7	600
N829641		6.58	13.50	0.15	0.9	1.700	2.61	24.2	23.2	0.91	1830	12.95	0.04	5.5	14.9	430
N829642		6.48	13.55	0.11	0.7	0.389	2.79	20.8	10.0	1.11	1580	2.10	0.04	5.3	3.0	490
N829643		3.50	13.75	0.12	0.9	0.145	2.76	19.7	28.9	0.84	1600	46.3	0.57	6.9	2.0	500
N829644		4.25	14.40	0.13	1.2	0.185	2.90	29.3	32.9	0.77	865	8.02	0.05	7.4	1.8	570
N829645		4.50	15.45	0.13	0.9	0.431	3.17	27.9	9.2	0.95	1460	1.07	0.05	6.5	2.0	550
N829646		6.63	16.60	0.12	0.8	0.403	3.25	28.1	7.7	0.57	773	0.92	0.05	5.6	2.6	530
N829647		3.88	15.85	0.14	1.0	0.286	2.88	25.7	32.0	0.71	744	2.99	0.26	7.1	2.0	580
N829648		2.66	16.05	0.13	1.1	0.130	2.29	25.1	40.6	0.82	543	6.12	1.21	8.2	1.9	630
N829649		2.90	14.80	0.13	1.1	0.161	2.22	21.4	32.7	0.74	648	1.75	0.88	7.2	2.1	580
N829650		3.24	16.40	0.13	1.3	0.207	2.60	38.0	28.2	0.62	772	5.37	0.48	7.8	1.9	630
N829651		3.29	16.70	0.15	1.2	0.216	2.52	39.5	27.8	0.60	588	3.15	0.38	8.0	2.1	630
N829652		4.85	14.95	0.14	1.0	0.179	2.96	34.1	13.6	0.69	2100	13.85	0.04	6.2	2.4	530
N829653		3.66	14.95	0.13	1.2	0.151	3.05	23.6	25.0	0.72	797	6.62	0.62	7.3	2.1	590
N829654		2.95	16.10	0.14	1.1	0.173	2.59	23.0	18.7	0.73	548	4.53	1.74	8.0	2.4	590
N829655		3.18	16.15	0.13	1.1	0.100	2.53	21.7	17.0	0.82	601	2.03	2.24	8.0	2.6	620
N829656		5.32	15.00	0.15	1.0	0.239	3.08	30.0	19.5	0.88	1410	1.52	0.24	6.8	2.1	590
N829657		6.64	17.00	0.12	1.1	0.278	3.08	28.0	26.5	0.87	2100	3.68	0.04	6.1	15.0	520
N829658		0.46	0.23	0.09	<0.1	0.006	0.03	0.7	1.1	13.05	205	0.11	0.01	0.2	1.5	190
N829659		6.61	16.45	0.15	1.0	1.490	3.20	34.2	10.3	0.83	1380	2.47	0.04	6.7	3.2	510
N829660		3.28	16.55	0.13	1.1	0.105	2.72	27.2	47.1	0.79	668	2.08	1.56	8.2	2.4	630
N829661		4.59	15.75	0.12	0.9	0.160	2.67	23.2	45.0	0.74	1050	1.03	0.77	7.2	3.1	560
N829662		3.60	14.40	0.12	0.9	0.110	2.25	18.9	95.6	0.81	1200	1.11	0.07	7.1	2.1	560
N829663		3.57	14.60	0.11	0.9	0.113	2.30	20.8	96.3	0.81	1200	0.90	0.07	7.2	2.2	570
N829664		6.28	14.00	0.11	0.6	0.510	2.59	28.6	17.7	1.17	6440	0.57	0.04	5.8	3.3	530
N829665		3.82	15.55	0.13	1.0	0.149	1.99	25.0	83.4	0.80	1510	0.69	0.04	7.9	2.3	640
N829666		3.21	16.45	0.12	1.0	0.102	1.81	23.4	219	0.70	710	1.03	0.05	8.6	2.6	650



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Finalized Date: 12-JUL-2012  
Account: ROCKHA

Project: Klaza - 66

**CERTIFICATE OF ANALYSIS WH12145812**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829631		22.2	141.5	0.003	1.42	8.98	10.6	<1	6.7	172.5	0.55	0.11	13.2	0.235	2.09	4.0
N829632		9360	144.0	0.004	6.92	208	7.4	<1	8.4	118.5	0.42	0.32	10.0	0.175	2.18	5.8
N829633		49.4	205	0.003	3.08	7.80	10.0	1	7.0	65.0	0.45	0.57	12.9	0.196	2.63	4.1
N829634		2050	152.0	0.002	>10.0	71.4	7.6	2	26.9	40.5	0.30	1.01	10.7	0.136	2.11	9.1
N829635		4.4	1.8	0.003	0.03	0.25	0.2	<1	0.2	43.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N829636		371	192.0	0.003	3.15	6.35	10.0	1	10.9	82.4	0.44	0.38	12.0	0.208	2.39	4.7
N829637		35.6	121.5	0.005	1.74	12.45	10.4	1	5.3	116.0	0.53	0.18	12.8	0.230	1.83	4.2
N829638		22.4	72.1	0.003	1.41	13.35	9.4	<1	3.8	128.5	0.62	0.21	11.1	0.247	1.53	3.5
N829639		16.2	93.3	0.004	1.21	7.93	8.5	<1	3.7	259	0.60	0.11	13.9	0.210	1.69	4.0
N829640		19.0	95.9	0.007	1.46	19.65	10.1	<1	3.7	197.5	0.56	0.23	9.6	0.235	1.61	3.4
N829641		2750	169.0	0.004	4.72	89.4	7.9	<1	7.8	87.9	0.44	0.27	11.6	0.174	2.30	5.6
N829642		163.0	190.0	0.002	5.23	8.61	9.3	1	5.5	66.2	0.41	0.32	10.1	0.175	2.46	5.2
N829643		248	100.5	0.006	1.16	8.55	8.3	<1	3.6	252	0.54	0.07	12.0	0.215	1.73	5.2
N829644		128.5	179.5	0.003	2.03	13.10	9.8	<1	5.1	130.5	0.64	0.20	17.4	0.235	2.16	4.8
N829645		88.6	197.5	0.002	1.67	10.90	10.3	<1	5.6	78.5	0.51	0.32	14.5	0.224	2.83	4.9
N829646		98.4	220	0.002	5.53	6.19	9.9	<1	14.8	22.7	0.46	0.82	13.8	0.195	2.43	5.0
N829647		54.1	185.0	0.003	1.88	10.60	10.9	<1	7.7	112.0	0.61	0.30	16.0	0.234	2.18	4.2
N829648		45.9	93.5	0.003	0.50	4.64	10.7	<1	3.4	350	0.71	<0.05	14.0	0.262	1.36	3.4
N829649		26.8	73.3	0.003	0.55	6.80	9.1	<1	2.7	269	0.64	<0.05	10.6	0.240	1.16	3.2
N829650		18.4	136.5	0.003	0.58	8.07	11.3	<1	3.4	147.0	0.67	<0.05	17.7	0.254	1.58	3.3
N829651		18.0	135.5	0.004	0.79	8.30	11.7	<1	3.6	136.5	0.68	0.08	17.3	0.252	1.64	3.8
N829652		208	178.5	0.004	3.44	15.65	9.8	<1	8.0	53.7	0.52	0.20	12.3	0.209	2.42	3.5
N829653		51.1	140.5	0.003	0.81	6.56	10.0	<1	3.7	190.5	0.63	<0.05	14.1	0.244	2.02	4.8
N829654		21.6	106.5	0.003	0.19	7.25	10.5	<1	2.6	354	0.62	<0.05	12.1	0.255	1.28	3.5
N829655		23.4	96.9	0.003	0.12	2.83	10.7	<1	2.6	359	0.66	<0.05	12.5	0.263	1.18	3.7
N829656		75.0	167.0	0.003	1.32	6.12	9.8	<1	5.2	128.0	0.58	<0.05	14.3	0.242	2.40	4.7
N829657		302	214	0.005	4.01	12.35	11.7	<1	15.0	53.8	0.51	0.25	13.2	0.232	2.59	5.0
N829658		2.0	2.1	0.002	0.02	0.14	0.2	<1	0.2	46.8	<0.05	<0.05	0.2	<0.005	<0.02	0.9
N829659		551	202	0.004	4.45	19.50	9.6	<1	12.1	58.4	0.56	0.84	15.2	0.214	2.63	5.3
N829660		29.9	110.0	0.003	0.27	9.83	11.2	<1	2.5	287	0.60	<0.05	12.5	0.257	1.42	3.6
N829661		61.8	112.0	0.003	0.71	9.90	10.0	<1	3.6	194.0	0.56	<0.05	12.8	0.236	1.59	4.1
N829662		67.8	70.3	0.003	0.37	17.40	9.1	<1	2.7	178.0	0.58	<0.05	10.4	0.240	1.54	3.2
N829663		58.9	78.6	0.003	0.34	17.40	9.1	<1	2.7	173.5	0.57	<0.05	11.8	0.245	1.51	3.4
N829664		331	152.0	0.003	3.13	34.2	8.6	<1	6.2	95.0	0.45	0.10	11.3	0.198	2.47	4.6
N829665		35.6	81.7	0.002	0.77	28.3	10.3	<1	2.8	135.5	0.66	0.07	13.4	0.262	1.49	3.3
N829666		15.5	57.4	0.003	0.57	23.6	11.0	1	2.9	144.5	0.65	0.05	12.7	0.270	1.18	2.6



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 Account: ROCKHA

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**CERTIFICATE OF ANALYSIS WH12145812**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829631		68	2.5	12.2	54	19.9		
N829632		51	4.7	9.6	>10000	32.7	118	1.570
N829633		61	3.1	11.7	86	19.8		
N829634		84	6.5	9.7	1400	15.6	130	
N829635		2	0.1	0.8	15	<0.5		
N829636		73	2.5	11.7	661	19.2		
N829637		67	3.8	13.2	70	22.3		
N829638		70	4.2	12.6	55	22.6		
N829639		62	2.9	12.8	59	24.0		
N829640		69	6.3	13.3	61	23.5		
N829641		56	5.2	9.9	5280	24.6		
N829642		58	4.5	11.6	3440	16.3		
N829643		63	7.3	13.1	593	21.3		
N829644		66	6.2	11.0	360	28.0		
N829645		64	4.1	11.3	166	22.4		
N829646		61	6.6	7.2	79	21.1		
N829647		67	3.8	10.9	81	25.0		
N829648		73	3.7	14.5	91	28.2		
N829649		71	3.1	13.3	60	26.7		
N829650		73	4.8	16.0	55	31.4		
N829651		72	4.0	17.5	49	31.2		
N829652		60	5.6	9.7	436	23.2		
N829653		71	2.6	12.7	112	27.1		
N829654		71	1.6	14.7	43	28.9		
N829655		73	2.0	14.7	53	25.5		
N829656		70	5.7	11.4	190	23.0		
N829657		76	8.4	9.6	812	29.7		
N829658		3	0.1	0.9	13	<0.5		
N829659		63	6.7	10.2	2350	24.2		
N829660		73	2.3	15.6	67	27.8		
N829661		67	5.5	13.6	130	22.5		
N829662		66	5.6	12.4	151	22.1		
N829663		67	5.9	12.6	154	22.0		
N829664		55	5.1	9.7	2000	15.1		
N829665		71	6.6	13.1	84	25.3		
N829666		71	3.9	14.0	55	23.8		



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**CERTIFICATE OF ANALYSIS WH12145812**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12145813**

Project: Klaza-66

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12145813**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829667		5.42	0.006	0.23	6.77	32.3	2080	1.56	0.84	3.47	0.16	47.3	12.2	6	20.5	4.1
N829668		6.64	0.008	0.44	6.97	24.9	2090	1.81	1.06	3.19	2.29	58.2	9.2	15	19.60	6.8
N829669		6.03	0.816	10.90	6.06	496	260	1.37	14.80	2.17	33.1	43.8	18.5	4	12.85	485
N829670		10.79	0.095	2.11	7.42	113.5	1040	1.54	5.09	1.99	1.85	62.4	9.0	7	15.05	60.9
N829671		0.20	4.36	>100	5.58	7350	160	1.27	51.7	2.02	229	35.6	9.7	16	11.55	1315
N829672		10.61	0.317	4.85	6.23	269	280	1.42	9.92	1.61	18.70	52.6	14.0	5	15.55	89.5
N829673		4.36	0.689	9.95	5.97	1435	350	1.35	20.1	0.88	22.9	43.1	9.6	5	12.00	249
N829674		3.82	<0.005	0.03	0.12	<5	30	0.06	0.07	22.0	0.12	1.67	1.4	<1	0.33	2.5
N829675		4.56	0.088	2.10	6.88	188.5	350	1.25	2.93	0.86	1.30	60.0	5.7	7	9.67	87.6
N829676		8.93	0.067	1.13	7.88	406	1100	1.56	2.28	1.75	1.09	57.8	5.7	10	14.60	36.4
N829677		5.80	0.125	2.02	7.72	1505	840	1.66	3.26	0.93	2.34	57.0	6.2	8	11.40	127.0
N829678		5.35	0.257	1.50	7.77	3720	780	1.70	2.76	0.70	3.69	66.2	5.7	10	8.89	36.5
N829679		13.01	0.011	0.32	8.20	68.9	2180	1.45	0.46	2.61	0.39	54.2	6.7	10	20.1	47.5
N829680		12.55	0.006	0.33	8.42	34.1	2250	1.40	0.90	2.10	0.29	51.5	10.0	10	15.80	29.6
N829681		0.22	2.39	26.8	6.50	3530	710	1.32	21.3	2.29	81.1	45.0	11.2	19	14.50	440
N829682		10.98	0.011	0.50	8.25	59.5	1960	1.42	0.66	1.87	1.02	49.9	8.0	10	15.70	13.9
N829683		3.96	1.775	11.70	6.49	6380	470	1.37	19.10	1.57	27.6	50.5	11.0	11	15.30	479
N829684		6.67	0.007	0.51	7.71	48.6	1860	1.80	0.66	2.84	0.74	57.6	6.7	11	31.2	11.1
N829685		8.88	<0.005	0.18	8.55	10.8	2420	1.94	0.29	2.23	0.14	46.8	7.7	9	21.5	12.7
N829686		9.96	0.023	0.61	7.45	52.9	1330	1.58	1.34	2.28	0.68	48.6	9.5	11	18.15	37.9
N829687		10.95	0.132	1.07	7.70	400	1610	1.93	1.21	2.92	5.14	70.9	6.9	11	28.9	26.0
N829688		3.90	0.012	0.51	8.24	91.4	2300	2.12	0.55	3.82	1.35	76.6	5.5	11	25.6	17.9
N829689		5.49	<0.005	0.27	7.51	43.7	2580	1.96	0.27	4.20	0.93	66.2	5.4	12	22.5	5.0
N829690		11.57	<0.005	0.29	7.45	18.0	1810	1.33	0.61	2.66	0.21	45.9	8.9	10	18.45	15.5
N829691		11.77	0.027	0.30	7.91	103.5	2270	1.46	0.76	2.46	0.22	54.2	9.1	11	23.0	21.1
N829692		11.14	0.057	1.27	7.71	267	1350	1.41	1.85	1.63	0.60	58.1	8.7	9	14.90	86.0
N829693		9.79	0.200	0.82	7.89	1255	1020	1.46	2.17	1.77	1.85	54.4	9.0	8	11.40	31.4
N829694		7.10	0.060	0.62	7.71	150.5	1750	1.48	0.74	2.54	3.54	50.8	8.7	8	17.45	16.0
N829695		4.52	0.758	5.88	6.21	413	270	1.21	9.20	2.87	16.75	43.7	13.8	7	13.90	160.5
N829696		1.56	<0.005	0.11	0.09	5	40	0.06	0.05	20.1	0.09	1.29	0.6	<1	0.27	2.3
N829697		12.59	<0.005	0.15	8.60	13.9	2250	1.62	0.35	2.17	0.19	47.8	8.0	9	19.05	14.1
N829698		6.48	0.028	0.29	7.18	28.0	1560	1.37	0.81	2.69	0.36	43.6	7.3	9	14.00	22.5
N829699		5.87	0.219	1.20	7.37	400	1050	1.54	1.68	2.35	3.12	51.4	9.7	11	17.40	82.5
N829700		4.11	0.372	1.77	7.60	737	860	1.36	3.39	1.99	0.57	52.6	9.8	10	14.25	34.2
N829701		4.35	0.289	0.91	7.86	154.0	2100	1.37	1.94	2.13	0.45	48.5	7.9	10	16.00	50.3
N829702		<0.02	0.100	0.83	7.74	153.5	2100	1.51	1.88	2.15	0.37	49.9	7.9	10	16.00	53.8





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Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12145813**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829667		3.58	13.70	0.12	0.8	0.251	2.93	26.2	13.6	1.06	956	0.56	0.12	6.9	3.0	570
N829668		4.24	13.70	0.15	0.9	0.404	3.03	33.2	14.7	1.03	1300	0.99	0.09	7.2	7.1	560
N829669		8.83	14.50	0.21	0.7	0.616	2.70	23.1	17.3	0.97	7340	2.84	0.04	6.2	3.1	440
N829670		5.28	15.80	0.17	1.0	0.226	2.87	34.8	38.4	0.95	1870	2.18	0.04	8.0	3.2	590
N829671		8.72	13.00	0.22	1.0	4.82	2.42	18.1	37.6	0.63	3080	16.05	0.09	6.4	15.5	450
N829672		7.24	14.65	0.17	1.0	0.251	2.69	28.8	22.8	0.86	9380	3.34	0.03	7.0	3.2	500
N829673		8.61	14.15	0.20	0.9	0.424	2.72	23.2	14.5	0.63	2290	4.07	0.03	6.2	3.5	430
N829674		0.51	0.39	0.10	<0.1	0.008	0.02	0.8	1.2	13.40	224	0.19	0.01	0.4	1.5	200
N829675		7.23	16.35	0.17	1.2	0.311	3.31	32.7	8.8	0.95	1620	1.97	0.04	7.8	2.5	540
N829676		5.66	19.20	0.10	1.2	0.237	3.11	32.1	29.6	0.93	1220	1.60	0.42	7.8	2.9	620
N829677		7.73	19.05	0.14	1.2	0.300	3.29	35.6	16.6	0.95	1950	2.09	0.04	6.7	2.7	560
N829678		9.21	22.6	0.17	1.2	0.282	3.50	35.4	10.8	0.77	1700	4.85	0.06	7.3	3.7	590
N829679		3.77	18.50	0.14	1.3	0.097	2.56	28.5	30.0	0.85	725	0.57	0.30	8.4	2.9	670
N829680		4.50	17.55	0.11	1.2	0.147	2.42	26.5	46.9	0.85	769	3.10	0.09	7.7	3.6	650
N829681		7.19	15.40	0.11	1.0	1.770	2.70	25.8	24.2	0.94	2000	14.10	0.04	5.8	15.2	470
N829682		4.29	16.30	0.11	1.2	0.082	2.57	24.8	48.3	0.75	1140	7.98	0.05	7.8	2.7	650
N829683		7.94	16.40	0.13	1.0	0.647	2.49	27.6	33.0	0.67	2010	6.40	0.03	5.9	4.5	460
N829684		2.96	18.15	0.13	1.6	0.097	2.84	31.4	53.6	0.83	975	2.10	0.04	8.8	2.5	710
N829685		4.52	17.40	0.13	1.2	0.042	2.65	25.2	27.6	0.95	576	2.07	1.13	7.9	2.7	650
N829686		3.77	17.15	0.16	1.1	0.088	2.48	25.9	75.0	0.80	1080	1.10	0.45	8.0	3.2	580
N829687		3.34	18.75	0.14	2.3	0.059	2.84	39.9	40.6	0.98	1370	2.28	0.06	10.6	2.9	820
N829688		3.02	19.65	0.14	2.4	0.045	2.79	42.2	56.7	1.09	1120	1.65	0.06	11.3	2.8	890
N829689		2.97	18.65	0.12	2.5	0.039	2.88	36.2	55.3	1.09	1240	1.22	0.08	10.9	3.1	860
N829690		3.27	15.75	0.13	1.1	0.067	2.70	24.9	28.9	0.82	753	0.96	0.94	6.8	2.6	580
N829691		3.38	17.85	0.11	1.2	0.073	2.84	28.2	36.5	0.74	499	1.47	1.56	8.0	2.7	610
N829692		5.28	17.00	0.12	1.1	0.152	2.79	33.9	46.8	0.86	1040	0.61	0.10	7.3	2.7	580
N829693		4.86	15.75	0.13	1.0	0.133	2.32	31.4	27.4	0.67	632	0.61	0.56	7.0	2.4	580
N829694		3.68	16.70	0.13	1.1	0.116	2.84	25.8	47.6	0.82	4460	0.61	0.05	7.0	2.6	600
N829695		6.44	14.45	0.13	0.8	0.184	2.61	25.1	18.1	1.05	4480	5.66	0.04	5.4	3.0	430
N829696		0.48	0.25	0.05	<0.1	0.005	0.03	0.7	1.1	12.30	217	0.11	<0.01	0.2	1.4	170
N829697		3.47	17.45	0.11	1.2	0.058	2.88	25.1	59.7	0.79	581	2.88	0.09	8.2	2.9	660
N829698		2.56	16.40	0.13	1.0	0.096	2.46	22.9	72.9	0.67	644	7.28	0.06	7.4	2.6	600
N829699		4.48	17.00	0.13	1.0	0.283	2.91	29.5	30.8	0.92	1840	45.6	0.04	7.0	2.9	540
N829700		4.83	16.70	0.12	1.0	0.147	2.99	30.3	30.3	0.73	669	3.66	0.08	7.1	2.6	590
N829701		4.06	16.90	0.12	1.0	0.181	3.34	27.4	29.2	0.77	933	3.23	0.08	7.1	2.7	610
N829702		4.13	17.40	0.11	1.0	0.179	3.27	24.8	31.1	0.76	951	3.22	0.08	7.3	2.8	610



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Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12145813**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N829667		14.0	103.5	<0.002	1.28	8.53	9.3	1	3.5	127.0	0.53	0.13	11.2	0.216	3.2
N829668		117.5	119.0	<0.002	0.98	7.83	9.8	1	4.7	108.5	0.55	0.10	12.2	0.218	3.0
N829669		978	145.0	0.002	6.49	50.0	9.7	2	11.8	68.9	0.45	0.60	9.7	0.177	4.6
N829670		128.5	154.5	<0.002	1.68	17.00	10.9	1	6.1	104.0	0.58	0.27	13.4	0.241	3.8
N829671		10000	134.5	0.002	6.99	215	8.2	3	8.6	119.0	0.43	0.50	8.4	0.181	5.2
N829672		723	152.0	<0.002	4.00	28.1	9.4	2	7.7	71.8	0.54	0.66	11.7	0.199	3.8
N829673		825	166.0	<0.002	6.44	49.6	8.5	2	9.6	35.0	0.49	0.64	11.2	0.174	3.5
N829674		4.1	2.4	<0.002	<0.01	0.25	0.3	1	<0.2	44.4	<0.05	<0.05	<0.2	<0.005	0.7
N829675		81.0	201	<0.002	3.71	14.50	9.6	1	8.7	43.0	0.68	0.40	13.9	0.220	5.6
N829676		62.7	179.0	0.002	2.25	7.62	11.6	1	6.9	148.0	0.66	0.17	13.8	0.254	6.4
N829677		141.5	183.5	0.005	2.71	11.00	10.2	1	10.5	49.8	0.59	0.10	13.0	0.227	5.2
N829678		126.5	199.5	0.004	5.79	10.75	11.4	<1	11.1	39.0	0.61	0.13	12.4	0.247	4.7
N829679		19.0	102.0	<0.002	0.26	17.80	11.9	<1	3.6	194.0	0.71	<0.05	12.5	0.276	5.3
N829680		21.5	97.3	0.006	0.67	15.45	11.0	<1	5.7	167.5	0.67	0.05	13.2	0.271	4.4
N829681		2820	160.5	0.002	5.01	93.3	8.5	<1	8.2	97.7	0.48	0.37	10.2	0.180	5.9
N829682		63.7	85.5	0.004	0.46	13.15	10.3	<1	4.3	127.5	0.69	<0.05	13.2	0.278	3.7
N829683		547	148.5	<0.002	5.92	120.5	8.7	<1	9.8	78.2	0.53	0.80	11.0	0.201	4.2
N829684		43.3	126.5	<0.002	0.57	15.20	9.4	<1	3.7	177.0	0.65	0.08	11.1	0.254	6.0
N829685		18.4	109.0	0.003	0.08	4.37	11.6	<1	2.2	336	0.68	<0.05	13.1	0.253	4.4
N829686		42.3	127.0	<0.002	0.98	15.55	11.6	1	3.4	189.0	0.60	0.10	12.7	0.258	4.7
N829687		120.0	118.5	0.004	0.84	12.35	6.6	<1	3.0	211	0.76	<0.05	10.4	0.246	6.0
N829688		52.9	126.0	0.002	0.19	11.80	7.0	<1	2.5	267	0.79	<0.05	11.2	0.243	6.3
N829689		37.9	87.7	0.002	0.12	9.06	5.9	<1	1.8	290	0.76	<0.05	9.4	0.257	5.5
N829690		21.1	96.1	0.002	0.63	5.88	9.5	<1	2.3	264	0.57	0.05	10.6	0.247	3.8
N829691		23.6	109.0	<0.002	0.35	6.65	11.1	<1	2.7	326	0.61	<0.05	12.5	0.266	4.6
N829692		55.4	162.5	0.004	1.75	22.0	10.5	<1	6.9	108.0	0.67	0.07	15.0	0.239	5.0
N829693		81.1	116.0	0.003	1.41	14.40	10.2	<1	7.3	151.0	0.68	<0.05	13.6	0.248	3.9
N829694		117.0	110.5	0.003	0.71	13.00	10.1	<1	3.9	131.0	0.62	<0.05	11.7	0.250	4.9
N829695		358	145.0	0.003	4.55	33.2	8.1	1	8.0	90.2	0.49	0.63	10.0	0.188	6.9
N829696		2.2	1.8	0.002	0.02	0.25	0.2	<1	0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.7
N829697		18.7	92.2	0.004	0.22	8.92	11.2	<1	2.5	139.0	0.76	<0.05	12.7	0.282	4.0
N829698		22.6	88.5	0.002	0.58	12.85	10.2	<1	2.5	174.5	0.63	0.11	10.5	0.248	4.0
N829699		130.0	162.5	0.003	1.92	14.80	11.9	<1	6.1	112.5	0.60	0.21	12.2	0.240	5.6
N829700		77.8	144.0	0.003	2.67	10.10	10.8	<1	5.9	118.5	0.61	0.28	12.9	0.246	4.2
N829701		41.8	144.0	0.006	1.32	10.25	10.7	<1	3.7	139.5	0.57	0.26	13.1	0.253	5.3
N829702		42.8	137.0	0.002	1.32	10.85	10.7	<1	3.9	141.5	0.60	0.27	12.2	0.248	5.0



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 Account: ROCKHA

Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12145813**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N829667		66	2.5	13.9	37	22.1			
N829668		66	4.1	14.1	257	22.9			
N829669		58	7.0	10.0	3040	18.9			
N829670		68	6.3	12.5	202	26.7			
N829671		55	4.4	9.5	>10000	33.4	151	1.205	1.935
N829672		59	6.9	10.8	1680	25.7			
N829673		53	8.1	7.8	2130	22.9			
N829674		3	0.1	0.9	21	0.5			
N829675		65	9.0	8.7	152	29.0			
N829676		72	6.2	13.4	130	30.2			
N829677		65	11.7	8.7	275	29.2			
N829678		70	15.4	9.5	350	28.3			
N829679		78	3.5	17.4	67	30.9			
N829680		80	5.5	14.9	62	26.1			
N829681		58	5.2	10.6	5480	26.5			
N829682		79	6.6	14.0	134	29.3			
N829683		59	9.0	10.0	2190	23.2			
N829684		67	3.9	14.0	106	45.1			
N829685		70	2.0	16.8	48	28.0			
N829686		72	5.2	14.6	93	27.2			
N829687		51	3.3	13.1	485	80.6			
N829688		50	2.1	15.1	149	84.1			
N829689		52	1.5	13.4	131	80.1			
N829690		67	4.6	13.7	48	24.6			
N829691		72	3.6	16.2	47	29.2			
N829692		67	6.8	12.8	94	25.9			
N829693		67	6.2	13.8	156	22.7			
N829694		70	4.6	14.9	310	25.4			
N829695		57	6.4	11.8	1390	18.6			
N829696		2	0.1	0.8	18	<0.5			
N829697		79	6.5	15.0	48	28.2			
N829698		71	11.9	14.1	56	25.8			
N829699		71	11.2	14.9	271	24.4			
N829700		70	8.2	14.6	72	23.5			
N829701		73	11.9	14.9	68	23.9			
N829702		72	11.3	14.2	64	25.3			



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**CERTIFICATE OF ANALYSIS WH12145813**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12145814**

Project: Klaza-66

P.O. No.: Batch 8

This report is for 32 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12145814**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829703		13.53	0.014	0.25	7.89	20.4	2710	1.55	1.06	2.42	0.18	47.7	12.9	12	16.20	15.5
N829704		13.03	0.051	1.48	7.34	54.7	2790	1.52	0.38	2.20	18.25	51.9	7.5	12	14.60	27.7
N829705		11.73	0.031	0.81	8.09	47.6	2090	1.99	1.84	2.24	0.71	60.2	8.0	11	17.85	62.3
N829706		0.22	2.34	27.3	6.14	3630	170	1.28	19.10	2.28	79.9	48.3	10.8	19	13.70	451
N829707		6.46	0.084	2.08	7.62	80.9	1750	1.52	4.00	2.40	0.75	47.5	7.8	11	15.05	86.2
N829708		8.74	0.010	1.30	7.83	38.7	1350	1.70	2.34	2.61	3.00	51.8	6.4	10	17.15	67.0
N829709		4.36	0.123	27.2	7.54	273	1000	2.09	65.7	2.01	27.6	55.3	8.1	22	16.75	151.0
N829710		2.32	<0.005	0.11	0.10	<5	20	0.09	0.25	22.1	0.20	1.48	0.7	1	0.25	2.0
N829711		3.27	0.078	2.91	6.81	165.5	1130	1.56	4.51	3.43	2.30	35.6	11.0	131	22.3	101.0
N829712		13.37	<0.005	0.17	7.66	29.8	1990	2.57	0.31	3.65	0.36	73.9	4.7	13	19.20	6.2
N829713		10.20	0.032	1.23	7.15	81.8	990	1.56	2.46	3.28	1.52	40.3	11.1	119	16.70	26.3
N829714		9.50	0.055	2.40	7.33	248	870	1.50	4.96	1.77	2.12	43.2	10.7	59	10.45	14.8
N829715		4.54	0.005	0.37	7.62	19.4	1360	1.55	2.53	3.32	0.20	39.4	17.2	168	8.33	31.2
N829716		12.30	0.007	0.41	7.52	17.9	1730	1.47	1.26	2.41	0.13	49.0	8.1	16	10.10	30.0
N829717		<0.02	0.005	0.36	7.64	17.6	1740	1.47	1.32	2.37	0.13	49.8	8.3	14	10.50	29.4
N829718		7.06	<0.005	0.21	7.44	11.6	1650	1.30	0.75	2.14	0.23	43.4	6.3	30	12.60	16.7
N829719		4.92	0.045	1.50	7.68	87.3	1640	1.44	1.99	2.40	7.23	53.8	12.9	49	11.35	49.4
N829720		12.72	0.019	1.04	7.25	59.1	1910	1.52	2.28	3.06	0.90	50.0	11.6	18	12.55	17.5
N829721		8.01	0.027	3.82	7.43	100.5	1780	1.51	5.37	2.39	0.99	50.4	7.8	18	10.25	177.5
N829722		10.30	<0.005	0.11	7.54	8.6	2900	1.61	0.24	2.72	0.20	52.8	8.7	12	11.45	11.9
N829723		0.26	0.747	10.30	6.81	1860	210	1.48	6.30	1.95	43.5	50.2	17.2	19	16.20	108.5
N829724		3.86	0.062	2.78	7.36	229	1630	1.72	3.41	2.95	2.70	60.9	7.5	10	11.75	283
N829725		3.44	<0.005	0.03	0.09	<5	30	0.06	0.13	22.4	0.09	1.44	0.6	<1	0.28	2.7
N829726		12.78	0.011	0.16	7.29	18.8	2120	1.66	0.34	2.90	0.16	43.2	6.6	10	17.25	12.8
N829727		5.55	0.009	0.19	7.13	33.4	1450	1.55	0.22	2.88	0.15	51.7	7.0	9	18.40	9.8
N829728		4.41	0.103	2.69	7.02	159.0	1150	1.38	2.62	2.93	0.34	53.9	7.3	10	20.1	378
N829729		11.47	0.012	0.32	7.07	21.0	2050	1.48	0.61	2.00	0.21	44.7	12.1	10	17.50	17.2
N829730		11.81	<0.005	0.12	7.58	7.4	1900	1.30	0.23	1.71	0.17	51.4	6.5	10	13.60	9.9
N829731		5.59	0.047	0.83	7.11	632	1560	1.40	1.17	1.77	0.51	49.4	6.7	9	17.20	100.0
N829732		4.67	0.217	1.67	6.33	632	760	1.37	3.07	1.98	1.29	48.7	9.7	12	17.75	85.0
N829733		5.49	0.005	0.14	6.12	13.3	1880	1.55	1.03	2.43	0.10	31.4	7.3	10	12.20	17.3
N829734		1.97	0.007	0.33	7.12	13.2	1750	1.58	0.98	2.29	0.11	46.5	7.1	11	15.85	18.0



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Account: ROCKHA

Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12145814**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829703		3.73	16.10	0.06	1.2	0.109	2.64	20.8	87.0	0.79	638	3.77	0.37	7.8	4.4	690
N829704		3.10	16.45	0.06	1.2	0.090	2.71	22.0	36.7	0.73	628	1.94	0.86	7.5	2.6	610
N829705		4.54	17.40	0.09	1.2	0.162	2.58	27.5	42.7	0.99	865	4.12	0.18	8.0	2.5	650
N829706		7.05	14.20	0.06	1.1	1.595	2.70	22.4	25.4	0.93	1950	13.15	0.04	5.5	15.1	460
N829707		4.29	15.70	0.08	1.4	0.106	2.84	21.9	33.7	0.85	752	1.12	0.87	7.3	2.5	640
N829708		3.58	17.10	0.08	1.3	0.285	2.64	23.2	141.5	0.84	1290	0.85	0.07	7.5	2.8	660
N829709		5.23	17.20	0.09	1.5	0.539	2.07	24.9	206	0.83	4660	1.64	0.04	7.6	7.3	640
N829710		0.52	0.26	0.05	<0.1	0.014	0.03	0.7	2.0	13.25	230	0.14	<0.01	0.2	1.4	200
N829711		5.70	14.65	0.07	1.7	0.329	2.79	17.0	41.1	1.79	3340	2.46	0.05	5.8	35.2	600
N829712		2.80	17.75	0.11	2.8	0.042	2.76	35.3	126.0	1.15	981	1.78	0.07	10.8	6.7	940
N829713		4.82	15.70	0.08	1.8	0.214	2.95	19.0	25.5	1.47	1800	1.35	0.05	5.2	31.5	610
N829714		6.34	16.10	0.09	1.7	0.189	3.08	20.0	29.1	1.21	2090	0.54	0.04	5.0	19.3	650
N829715		4.97	16.70	0.07	1.7	0.302	2.35	17.3	48.5	2.09	1130	2.39	0.70	6.0	53.8	670
N829716		3.70	16.50	0.09	1.1	0.181	2.70	21.4	36.6	0.85	625	1.56	0.81	7.0	5.2	610
N829717		3.71	16.90	0.10	1.3	0.179	2.69	23.6	37.8	0.84	608	1.58	0.81	7.1	4.7	610
N829718		3.42	16.65	0.07	1.4	0.095	2.64	19.6	51.6	0.84	802	1.11	0.10	7.8	9.0	620
N829719		5.03	16.50	0.09	1.2	0.278	2.53	25.0	28.7	1.08	2740	1.26	0.06	7.2	14.8	610
N829720		3.67	15.30	0.07	1.4	0.166	3.05	22.9	32.4	0.95	1180	4.72	0.55	7.3	5.5	610
N829721		4.36	16.75	0.08	1.3	0.196	2.92	22.2	37.0	0.89	1060	1.88	1.16	7.3	4.8	620
N829722		3.20	17.30	0.07	1.4	0.049	2.81	21.6	15.3	0.86	641	2.33	2.24	8.1	3.4	670
N829723		5.50	15.45	0.08	1.6	0.878	2.91	23.0	26.0	0.71	2030	12.60	0.27	7.1	15.5	510
N829724		5.54	16.00	0.09	1.3	0.234	2.89	29.7	17.1	1.22	2630	1.12	0.84	7.0	2.3	590
N829725		0.51	0.24	0.07	<0.1	0.008	0.03	0.7	1.2	13.45	227	0.11	0.01	0.2	1.3	180
N829726		2.94	16.10	0.11	1.4	0.046	2.88	18.4	33.0	0.76	699	1.31	1.54	7.6	2.1	620
N829727		2.79	16.10	0.12	1.3	0.042	2.68	23.3	81.9	0.88	650	1.04	0.48	7.4	2.2	570
N829728		3.61	14.35	0.09	1.1	0.170	2.79	26.0	18.7	1.07	917	1.49	0.05	6.1	2.5	550
N829729		3.06	16.50	0.08	1.2	0.069	2.58	19.0	58.1	0.68	806	1.78	0.08	7.5	2.6	600
N829730		3.00	16.35	0.08	1.3	0.056	2.64	22.2	34.0	0.57	571	1.81	0.66	7.8	2.2	630
N829731		3.65	16.70	0.08	1.2	0.098	2.33	22.8	34.2	0.72	962	1.04	0.04	6.8	2.2	570
N829732		4.14	14.70	0.08	1.0	0.139	2.22	21.1	30.0	0.72	932	22.4	0.04	6.6	2.4	540
N829733		3.08	16.00	0.13	1.2	0.062	2.64	13.6	26.7	0.54	576	1.32	1.37	7.8	2.3	600
N829734		3.23	15.65	0.09	1.3	0.064	2.63	20.5	33.3	0.60	586	2.24	1.11	7.5	2.4	610



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**CERTIFICATE OF ANALYSIS WH12145814**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829703		20.2	85.5	<0.002	0.72	6.82	9.8	<1	5.0	267	0.72	<0.05	13.4	0.280	1.72	4.7
N829704		358	97.4	<0.002	0.35	7.24	10.0	1	2.8	293	0.68	<0.05	14.3	0.260	1.43	4.2
N829705		33.0	104.5	<0.002	0.64	11.30	11.1	1	7.2	170.5	0.71	<0.05	15.6	0.269	1.70	5.7
N829706		2890	156.5	0.002	5.06	92.4	7.8	1	8.0	90.0	0.50	0.37	11.8	0.189	2.48	6.2
N829707		69.7	113.0	<0.002	1.20	9.71	9.9	1	3.1	244	0.69	0.12	14.3	0.261	1.68	4.9
N829708		33.8	96.7	<0.002	0.69	13.05	10.2	1	4.4	171.5	0.73	0.13	14.9	0.262	1.94	4.7
N829709		781	88.8	<0.002	2.37	35.8	9.9	1	5.6	160.0	0.68	0.15	13.4	0.254	1.85	7.1
N829710		3.8	1.7	0.002	0.02	0.22	0.3	<1	0.3	47.7	<0.05	<0.05	0.2	<0.005	0.06	0.8
N829711		111.5	169.5	<0.002	1.09	40.0	11.7	<1	4.0	148.5	0.53	<0.05	8.3	0.255	2.59	5.7
N829712		23.6	84.6	<0.002	0.06	8.46	5.9	<1	1.7	342	0.85	<0.05	11.2	0.268	1.75	7.3
N829713		83.9	185.0	<0.002	0.81	11.95	11.9	1	2.5	132.0	0.45	<0.05	9.4	0.235	2.46	5.1
N829714		108.5	226	<0.002	2.12	6.96	9.1	<1	3.2	99.1	0.47	<0.05	11.2	0.194	2.47	5.3
N829715		22.0	107.5	<0.002	0.40	8.22	14.9	<1	1.8	285	0.55	<0.05	8.1	0.281	1.82	3.7
N829716		22.4	95.7	<0.002	0.60	5.25	9.8	1	2.9	215	0.61	<0.05	13.2	0.248	1.47	3.8
N829717		22.2	109.0	<0.002	0.59	5.21	10.1	1	2.8	215	0.64	<0.05	15.2	0.250	1.51	4.4
N829718		15.3	89.1	<0.002	0.19	13.70	10.7	1	2.1	115.0	0.70	<0.05	13.7	0.269	1.61	3.7
N829719		281	124.0	<0.002	1.89	18.15	13.4	1	3.9	116.5	0.66	0.11	14.2	0.288	1.89	4.6
N829720		48.9	134.5	0.003	1.07	9.38	10.1	1	2.8	210	0.76	0.18	14.4	0.256	1.95	5.5
N829721		67.7	116.0	<0.002	0.78	5.28	10.2	1	4.0	252	0.63	0.07	13.8	0.257	1.73	4.6
N829722		23.8	96.2	<0.002	0.12	1.96	10.6	1	1.9	395	0.68	<0.05	13.2	0.275	1.11	4.3
N829723		1380	162.5	<0.002	3.22	34.2	8.8	1	6.2	154.5	0.64	0.32	12.9	0.218	2.63	5.8
N829724		110.0	152.0	<0.002	1.76	14.35	10.3	1	5.5	202	0.64	0.06	14.7	0.246	2.06	6.2
N829725		2.0	2.0	<0.002	0.01	0.12	0.3	<1	0.2	46.8	0.05	<0.05	<0.2	<0.005	0.02	0.5
N829726		16.0	103.0	<0.002	0.13	4.98	9.2	<1	2.0	320	0.73	<0.05	11.6	0.255	1.46	4.6
N829727		17.0	92.9	<0.002	0.15	13.10	10.0	1	1.9	202	0.76	<0.05	13.4	0.246	1.71	5.1
N829728		30.7	143.0	<0.002	1.16	51.6	9.7	<1	3.2	120.5	0.54	0.05	14.8	0.236	2.01	4.8
N829729		20.2	96.4	<0.002	0.29	15.50	10.3	1	2.2	116.5	0.66	<0.05	12.0	0.254	1.48	3.9
N829730		42.6	106.0	<0.002	0.06	12.60	9.8	1	1.8	190.5	0.70	<0.05	15.0	0.262	1.28	4.1
N829731		646	112.5	<0.002	0.64	34.5	9.9	<1	3.3	79.8	0.63	<0.05	13.7	0.235	1.64	3.6
N829732		267	89.7	<0.002	1.90	31.0	9.7	1	4.1	83.4	0.62	0.27	13.5	0.224	1.48	5.1
N829733		15.3	69.2	<0.002	0.47	8.62	8.4	1	2.1	264	0.67	0.39	10.0	0.255	1.32	3.6
N829734		15.9	98.2	<0.002	0.50	9.67	9.7	1	2.1	239	0.71	0.35	14.2	0.257	1.36	4.5





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**CERTIFICATE OF ANALYSIS WH12145814**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N829703		82	12.2	13.8	58	26.8
N829704		75	8.6	15.7	1100	28.5
N829705		77	5.1	16.8	91	29.1
N829706		60	5.3	9.6	5540	23.5
N829707		75	3.8	14.2	92	27.7
N829708		74	4.0	14.0	265	28.2
N829709		73	4.9	13.9	2130	35.8
N829710		3	0.1	0.9	27	0.6
N829711		97	6.7	10.2	258	48.6
N829712		56	1.9	13.7	93	85.2
N829713		95	3.4	11.5	218	48.0
N829714		77	6.1	7.7	239	44.8
N829715		117	2.3	12.4	125	48.9
N829716		74	2.6	14.4	57	25.9
N829717		74	2.7	15.0	55	28.5
N829718		80	3.7	14.3	61	29.3
N829719		95	5.3	15.9	629	25.1
N829720		74	3.3	15.0	108	28.2
N829721		75	5.7	14.1	127	27.3
N829722		79	2.8	16.6	49	30.8
N829723		59	5.3	12.1	3130	38.1
N829724		70	6.7	15.0	259	26.5
N829725		3	0.1	0.9	19	<0.5
N829726		72	3.0	14.5	44	30.3
N829727		71	3.7	16.1	38	27.6
N829728		70	8.7	13.9	72	24.4
N829729		76	7.4	14.4	48	26.4
N829730		72	3.6	15.4	44	27.6
N829731		68	5.2	13.5	80	24.4
N829732		68	4.4	12.8	137	23.2
N829733		75	1.8	11.7	40	27.4
N829734		72	1.9	14.2	41	27.6



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**CERTIFICATE OF ANALYSIS WH12145814**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12145815**

Project: Klaza-68

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12145815**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829194		4.49	0.092	0.39	7.05	443	670	1.34	0.33	2.48	0.25	84.1	4.3	9	9.66	2.9
N829195		6.74	0.024	0.30	7.00	161.5	1150	1.54	0.25	3.25	0.81	64.7	3.5	9	6.88	2.2
N829196		5.19	0.019	0.18	6.88	77.4	940	1.54	0.22	4.32	0.39	91.8	3.4	8	7.33	1.4
N829197		4.44	0.008	0.14	7.00	46.0	870	1.61	0.26	3.41	0.11	80.5	2.9	8	7.97	3.1
N829198		2.15	0.015	0.14	7.05	45.2	900	1.55	0.29	3.56	0.14	84.4	3.2	8	7.99	3.8
N829199		4.67	0.008	0.09	6.76	11.8	1110	1.48	0.15	3.79	0.20	150.5	1.9	6	6.30	1.6
N829200		5.34	<0.005	0.12	6.65	9.2	1060	1.66	0.13	3.60	0.17	62.7	3.0	7	7.07	1.7
N829201		9.47	0.013	0.43	6.90	10.4	1100	1.49	0.42	3.20	6.03	74.7	3.1	9	8.54	7.9
N829202		4.51	0.179	1.43	7.12	260	1210	1.43	0.99	2.94	12.80	99.2	3.5	9	9.23	19.6
N829203		2.82	<0.005	0.05	0.08	<5	20	<0.05	0.03	21.7	0.09	1.37	0.6	<1	0.16	1.8
N829204		13.26	<0.005	0.25	7.45	10.9	1810	1.65	0.30	3.35	0.29	53.7	4.2	11	10.15	12.4
N829205		9.32	<0.005	0.13	7.48	7.8	2120	1.64	0.19	2.97	0.31	46.7	5.7	14	14.45	4.5
N829206		3.80	<0.005	0.10	7.53	7.2	2310	1.64	0.19	2.69	0.12	46.5	6.8	11	15.75	5.2
N829207		0.27	0.760	10.75	6.96	1530	410	1.52	6.55	2.02	42.3	44.8	18.0	20	16.70	108.5
N829208		3.64	0.560	4.10	7.21	112.5	720	1.69	3.24	1.64	69.4	49.8	6.6	8	19.65	103.5
N829209		9.24	<0.005	0.18	7.54	7.3	2260	1.57	0.18	3.00	0.22	48.0	6.7	10	11.10	3.5
N829210		10.48	<0.005	0.43	7.04	8.1	1560	1.52	0.46	2.76	3.92	52.4	4.9	9	9.12	11.1
N829211		<0.02	<0.005	0.63	7.32	7.9	1690	1.60	0.74	2.84	3.79	53.0	4.9	11	9.56	10.5
N829212		3.84	0.020	1.65	6.98	20.5	730	1.16	1.19	2.06	18.05	26.4	7.8	9	5.07	55.2
N829213		3.98	<0.005	0.52	7.17	9.2	860	1.39	0.36	2.89	6.70	47.7	6.7	7	6.63	4.9
N829214		4.52	<0.005	0.11	7.19	6.0	1750	1.73	0.15	3.10	0.16	53.6	4.1	9	7.87	3.0
N829215		3.67	0.050	1.22	7.12	29.0	1460	1.58	1.08	2.63	10.55	50.4	4.9	8	15.10	17.5
N829216		6.78	0.005	0.38	7.25	12.9	1200	1.78	0.30	2.97	2.23	52.5	5.4	9	11.40	5.5
N829217		3.70	1.555	25.2	6.53	309	280	1.41	35.2	0.49	198.0	34.9	14.8	6	6.27	420
N829218		3.16	<0.005	0.22	0.08	<5	30	0.07	0.06	20.9	0.27	1.40	0.7	<1	0.18	2.1
N829219		3.88	0.773	3.45	6.49	382	380	1.53	2.44	1.10	107.5	40.5	7.6	7	11.40	50.4
N829220		9.26	0.223	2.25	6.90	362	520	1.55	1.86	2.20	15.85	53.6	7.7	8	18.40	43.5
N829221		0.24	1.370	25.9	5.92	2710	1380	1.37	18.70	2.19	76.1	43.4	11.2	17	14.40	421
N829222		6.33	0.508	4.85	5.71	619	150	1.19	2.98	2.08	32.6	27.0	4.4	7	8.40	96.4
N829223		4.30	1.880	5.92	6.79	160.0	840	1.28	1.82	1.96	17.05	33.4	3.3	8	7.36	212
N829224		5.98	0.018	1.38	7.12	34.7	1120	1.64	1.35	2.36	8.90	37.8	3.3	9	5.94	76.8
N829225		6.03	0.032	0.51	7.04	14.1	780	1.69	0.36	3.12	0.21	51.0	4.2	8	8.66	16.2
N829226		4.06	0.051	1.30	7.20	36.7	860	1.79	1.30	2.73	2.94	55.8	4.5	9	15.30	38.6
N829227		3.81	0.262	4.44	6.68	96.1	330	1.97	4.85	1.62	34.4	82.0	28.8	7	28.5	98.1
N829228		4.78	<0.005	0.21	7.32	11.3	790	1.57	0.18	1.53	0.27	79.7	4.1	8	10.65	2.8
N829229		7.05	<0.005	0.18	8.13	13.1	990	1.55	0.35	1.34	0.55	140.5	6.2	8	15.75	8.8



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**CERTIFICATE OF ANALYSIS WH12145815**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829194		2.77	16.65	0.14	0.9	0.119	2.73	54.4	56.5	1.00	1110	9.03	0.13	5.4	2.4	510
N829195		2.30	17.30	0.13	1.0	0.088	2.61	36.6	93.0	1.04	1220	5.13	0.16	6.0	2.8	570
N829196		2.10	18.55	0.15	1.0	0.110	2.28	54.8	63.1	0.94	1290	3.67	0.19	7.0	1.9	590
N829197		1.91	18.30	0.15	1.0	0.095	2.03	49.7	41.5	0.64	929	2.25	1.23	7.3	2.1	600
N829198		2.02	18.75	0.16	1.0	0.107	2.19	48.9	33.1	0.62	978	1.92	1.45	7.2	2.1	630
N829199		1.99	18.15	0.19	1.0	0.172	2.54	92.6	69.0	1.15	1220	0.32	0.22	6.7	1.7	560
N829200		2.02	19.55	0.16	0.9	0.158	2.46	35.2	59.9	0.99	1150	0.37	0.37	7.5	1.9	590
N829201		2.31	17.45	0.18	1.0	0.284	2.03	46.4	22.0	0.71	953	0.80	1.53	6.8	2.1	580
N829202		2.85	17.20	0.19	0.9	0.272	2.82	65.6	38.1	0.83	1420	0.48	0.74	5.9	2.5	580
N829203		0.47	0.23	0.16	<0.1	0.007	0.03	0.8	1.1	13.25	211	0.15	0.01	0.1	2.0	180
N829204		3.12	17.25	0.18	1.1	0.068	2.27	28.9	17.8	0.86	778	2.84	2.11	7.8	2.5	580
N829205		3.27	17.20	0.16	1.1	0.040	2.57	23.3	12.4	0.83	585	1.98	2.24	8.5	2.5	630
N829206		3.16	17.45	0.17	1.1	0.047	2.74	23.7	11.4	0.79	449	1.76	2.38	8.6	2.8	580
N829207		5.66	16.25	0.15	1.5	0.937	2.93	22.8	24.9	0.75	2040	13.80	0.28	8.2	15.5	510
N829208		5.19	16.50	0.13	0.9	1.600	2.91	28.6	18.6	0.75	2210	2.02	0.33	7.5	2.5	530
N829209		3.12	17.90	0.14	1.1	0.042	2.69	24.9	9.1	0.83	555	2.00	2.09	8.6	3.4	610
N829210		2.86	16.70	0.15	1.0	0.278	2.35	28.3	13.3	0.73	1020	1.13	1.61	7.5	2.5	590
N829211		3.04	17.75	0.15	1.0	0.289	2.45	28.0	13.6	0.76	994	1.29	1.72	8.1	2.9	610
N829212		3.09	17.75	0.13	0.8	0.795	2.88	10.0	24.3	0.99	1620	12.60	0.11	5.6	2.4	570
N829213		2.44	16.40	0.14	0.9	0.612	2.88	23.7	31.3	0.93	2160	6.34	0.15	5.9	2.4	600
N829214		2.72	17.50	0.15	1.1	0.041	2.25	29.1	9.4	0.67	605	2.10	2.11	7.9	2.4	570
N829215		3.62	16.85	0.14	1.0	0.301	2.65	27.6	16.6	0.71	1160	2.25	0.96	7.3	2.8	540
N829216		3.06	16.70	0.14	1.0	0.146	2.48	30.0	45.2	0.67	1280	1.80	0.77	7.7	2.6	550
N829217		6.65	15.95	0.14	0.8	3.80	3.05	17.7	7.8	0.48	1660	12.90	0.04	6.2	2.1	120
N829218		0.47	0.23	0.12	<0.1	0.007	0.03	0.7	1.2	12.75	202	0.25	0.01	0.2	2.1	180
N829219		4.66	15.25	0.17	0.9	2.52	3.05	23.2	9.8	0.56	2880	12.50	0.05	5.8	1.7	330
N829220		5.12	17.05	0.19	0.9	0.485	2.86	32.5	15.7	0.88	3640	3.65	0.05	7.1	2.7	530
N829221		6.52	14.75	0.17	1.2	1.670	2.55	25.3	23.4	0.90	1820	14.50	0.04	6.3	15.1	430
N829222		4.20	13.90	0.16	0.7	0.667	2.18	10.6	67.1	0.79	1850	6.92	0.04	5.7	2.1	410
N829223		3.70	15.20	0.13	0.9	0.452	2.67	15.9	53.1	0.74	1960	11.55	0.05	6.2	2.1	530
N829224		2.52	17.05	0.15	0.9	0.410	3.22	18.3	37.4	0.71	1460	6.16	0.06	6.7	1.8	430
N829225		2.72	16.00	0.16	1.0	0.133	1.82	27.7	27.1	0.62	741	3.15	0.31	7.2	2.8	530
N829226		2.76	18.15	0.17	1.0	0.201	1.90	32.4	76.8	0.82	933	3.74	0.05	8.0	2.4	500
N829227		4.11	15.80	0.18	1.1	0.933	2.58	53.5	25.0	0.48	933	20.3	0.04	5.7	3.0	270
N829228		2.35	17.35	0.16	1.1	0.084	1.89	49.3	86.9	0.57	998	5.69	0.05	7.2	2.4	610
N829229		2.27	19.05	0.09	1.2	0.096	2.24	76.3	38.4	0.55	865	45.3	0.09	7.5	3.4	720



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**CERTIFICATE OF ANALYSIS WH12145815**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829194		19.4	155.0	0.006	1.79	11.60	9.2	1	2.8	72.4	0.46	0.06	12.4	0.176	2.96	3.1
N829195		22.5	118.0	0.003	0.82	5.74	9.9	1	2.5	115.5	0.47	<0.05	11.1	0.190	2.63	3.3
N829196		17.0	92.5	0.002	0.41	8.35	10.2	1	2.8	137.5	0.50	<0.05	9.4	0.216	2.32	4.7
N829197		14.2	94.7	0.004	0.35	4.67	10.7	1	2.6	191.5	0.53	<0.05	9.1	0.230	2.07	4.0
N829198		14.1	96.5	0.003	0.39	4.29	10.7	1	2.6	189.0	0.57	<0.05	8.3	0.237	2.18	3.7
N829199		10.4	102.5	0.002	0.20	8.19	9.8	1	3.0	119.5	0.51	<0.05	9.2	0.220	2.62	2.4
N829200		13.5	110.0	0.002	0.27	7.13	10.1	1	2.6	130.5	0.49	<0.05	8.2	0.220	2.39	3.3
N829201		150.0	101.5	0.002	0.40	3.72	10.6	1	2.4	229	0.53	0.05	10.4	0.213	1.84	3.4
N829202		388	163.0	0.003	1.06	10.05	10.8	1	3.4	114.0	0.48	0.05	12.2	0.194	2.67	3.9
N829203		2.2	1.5	<0.002	0.02	0.10	0.2	<1	<0.2	42.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829204		53.1	101.0	0.003	0.18	5.56	10.9	1	2.1	339	0.60	<0.05	11.0	0.235	1.48	4.0
N829205		31.0	89.3	0.003	0.05	2.05	11.1	2	2.0	357	0.62	<0.05	10.9	0.269	1.08	3.3
N829206		17.8	103.0	<0.002	0.04	2.38	11.1	1	2.1	377	0.66	<0.05	11.6	0.263	1.14	3.0
N829207		1395	161.5	0.004	3.18	34.9	9.8	1	6.3	148.5	0.65	0.35	11.6	0.217	2.51	5.2
N829208		224	167.0	0.004	1.81	16.35	11.0	1	6.6	89.4	0.56	<0.05	12.9	0.233	2.62	5.4
N829209		19.0	101.0	0.003	0.12	2.53	12.0	1	2.0	361	0.64	<0.05	11.0	0.262	1.32	3.4
N829210		44.2	97.8	0.003	0.14	2.81	10.9	1	2.1	279	0.57	<0.05	10.8	0.229	1.48	3.7
N829211		50.3	98.1	0.003	0.14	3.06	11.3	1	2.1	298	0.64	<0.05	11.2	0.245	1.52	3.7
N829212		360	180.0	0.006	0.42	5.21	9.7	<1	3.5	69.9	0.44	<0.05	12.8	0.174	2.36	4.3
N829213		202	153.5	0.002	0.32	3.17	10.0	1	2.7	95.2	0.48	<0.05	13.2	0.180	2.74	4.8
N829214		14.2	97.6	0.003	0.12	2.44	10.7	1	1.7	335	0.63	<0.05	10.7	0.227	1.34	3.6
N829215		452	141.0	0.003	0.56	4.90	10.6	1	2.6	184.5	0.59	<0.05	12.4	0.213	2.10	4.5
N829216		124.5	125.5	0.003	0.30	4.78	10.6	1	3.0	184.5	0.59	0.05	11.8	0.230	2.02	5.3
N829217		944	210	0.004	4.97	30.5	5.1	1	9.3	25.8	0.45	0.28	8.8	0.166	2.74	5.0
N829218		2.6	1.8	<0.002	0.02	0.13	0.3	1	0.2	45.2	<0.05	<0.05	0.2	<0.005	<0.02	0.7
N829219		422	210	0.003	2.49	15.35	7.6	1	6.6	22.3	0.45	0.13	11.2	0.147	2.67	4.4
N829220		361	186.0	0.003	1.98	15.00	11.2	1	5.7	65.4	0.52	0.06	12.5	0.206	2.84	4.9
N829221		2700	156.0	0.002	4.69	89.8	8.6	1	8.1	89.3	0.47	0.41	10.6	0.175	2.39	5.3
N829222		755	145.0	0.005	2.35	43.9	8.7	1	3.7	150.0	0.38	0.09	7.8	0.160	2.20	4.5
N829223		363	162.0	0.006	1.49	64.0	11.7	1	3.1	95.9	0.50	0.05	12.1	0.186	2.51	4.1
N829224		150.5	187.0	0.006	0.40	11.75	9.0	<1	4.7	71.0	0.51	0.07	12.0	0.192	2.70	4.4
N829225		14.7	90.1	0.006	0.15	6.67	10.2	1	3.7	106.0	0.59	0.06	12.5	0.219	1.59	4.3
N829226		128.5	91.7	0.003	0.61	17.15	10.0	1	3.8	171.0	0.61	0.12	12.4	0.217	1.75	3.8
N829227		590	165.5	0.014	2.50	28.4	6.7	1	5.7	59.0	0.52	0.54	17.8	0.138	2.19	5.2
N829228		18.3	112.5	0.002	0.21	20.1	11.4	1	2.7	90.5	0.57	<0.05	12.2	0.224	1.75	4.2
N829229		19.5	144.0	0.024	0.23	21.0	12.0	1	2.9	59.2	0.67	<0.05	15.4	0.270	2.39	5.2



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**CERTIFICATE OF ANALYSIS WH12145815**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
N829194		62	1.3	8.6	68	24.0	
N829195		77	1.5	10.6	104	27.0	
N829196		74	1.4	13.2	93	26.7	
N829197		74	1.5	12.5	59	27.6	
N829198		77	1.6	11.5	63	28.1	
N829199		77	1.8	13.1	60	26.7	
N829200		69	2.3	12.9	65	26.9	
N829201		66	2.0	12.5	437	27.6	
N829202		62	3.6	12.2	950	23.9	
N829203		3	0.1	0.8	20	<0.5	
N829204		72	2.2	14.6	69	29.3	
N829205		72	2.9	16.7	60	29.1	
N829206		70	2.2	16.1	40	28.9	
N829207		59	5.6	11.7	3110	40.7	
N829208		65	5.3	12.1	5700	25.1	
N829209		74	2.2	16.4	62	28.6	
N829210		67	1.9	14.5	352	25.0	
N829211		72	1.8	15.5	338	27.0	
N829212		86	4.6	8.7	1380	21.3	
N829213		58	2.2	15.5	489	23.1	
N829214		67	1.0	15.1	45	29.8	
N829215		62	2.8	13.4	764	26.6	
N829216		68	2.8	14.3	197	26.1	
N829217		47	7.9	8.5	>10000	20.5	1.350
N829218		2	0.1	0.9	27	<0.5	
N829219		44	5.7	8.5	7390	22.0	
N829220		66	4.6	12.3	1140	24.8	
N829221		55	5.5	9.8	5140	26.7	
N829222		49	3.9	10.1	2200	20.3	
N829223		66	3.6	10.6	1280	22.2	
N829224		58	5.1	9.6	718	24.8	
N829225		66	1.8	15.0	71	25.5	
N829226		71	6.2	14.3	241	28.9	
N829227		48	6.4	11.4	2590	31.1	
N829228		75	2.9	14.6	51	29.4	
N829229		87	2.2	19.5	70	26.7	



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**CERTIFICATE OF ANALYSIS WH12145815**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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Account: ROCKHA

**CERTIFICATE WH12145816**

Project: Klaza-68

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12145816**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N829230		3.71	0.038		0.71	7.58	102.0	2290	1.30	0.30	1.57	8.18	48.6	5.0	9	15.70
N829231		7.63	0.005		0.15	7.56	21.3	1900	1.57	0.21	2.60	0.15	46.9	6.2	9	20.5
N829232		4.25	0.254		11.70	6.46	542	210	1.42	13.75	2.18	55.2	42.6	5.7	8	12.50
N829233		2.97	<0.005		0.02	0.08	<5	20	0.05	0.03	21.8	0.07	1.21	1.5	1	0.19
N829234		7.38	0.012		0.42	7.39	19.0	1620	1.55	0.74	3.45	2.53	52.7	9.9	9	11.50
N829235		5.54	0.010		0.26	7.47	12.7	2250	1.31	0.48	2.37	2.25	38.1	6.2	9	12.35
N829236		3.92	0.028		0.79	6.90	90.0	1520	1.48	1.11	2.59	6.10	48.6	6.5	11	13.40
N829237		1.89	0.019		0.46	6.48	75.7	1390	1.43	0.64	2.40	3.51	38.6	6.1	8	12.55
N829238		8.76	0.025		0.65	7.45	17.2	2310	1.62	0.75	2.88	11.80	41.8	4.7	11	13.80
N829239		8.10	0.010		0.08	7.83	11.5	2500	1.63	0.19	2.80	0.14	46.6	5.5	11	14.95
N829240		3.81	0.014		0.13	7.61	42.0	1480	1.56	0.14	2.93	0.21	43.7	6.9	9	25.4
N829241		0.31	2.33		26.1	6.15	3530	1110	1.41	21.1	2.27	74.4	39.9	12.1	19	14.00
N829242		3.83	0.239		1.40	7.30	101.5	1980	1.86	0.73	3.17	18.15	54.0	6.5	9	20.7
N829243		3.47	<0.005		0.01	8.10	25.8	1510	2.19	0.15	1.82	0.19	72.5	8.6	23	21.8
N829244		4.02	>10.0	28.8	47.5	6.37	812	160	1.43	55.6	2.28	21.4	43.4	5.7	7	13.45
N829245		3.29	0.009		0.09	0.09	<5	20	0.08	0.13	22.0	0.09	1.26	1.7	1	0.39
N829246		5.58	0.026		0.46	6.92	11.3	880	1.43	0.45	3.78	0.29	44.8	3.7	9	10.45
N829247		3.61	0.159		1.97	7.20	103.0	1020	1.35	2.57	1.93	30.7	28.8	3.0	9	9.12
N829248		5.05	0.008		0.25	7.51	8.9	940	1.67	0.53	3.43	0.15	56.7	4.3	9	12.40
N829249		6.27	0.017		0.56	7.28	15.7	840	1.74	1.04	3.21	0.24	53.9	6.3	9	7.96
N829250		8.73	0.005		0.31	7.20	10.4	1400	1.56	0.39	2.76	2.96	45.3	4.7	11	10.75
N829251		3.73	0.007		0.15	7.30	16.5	900	1.56	0.30	2.02	0.24	48.3	4.8	9	15.30
N829252		0.32	3.72		>100	5.76	8580	500	1.19	64.5	2.04	235	30.6	10.8	19	10.55
N829253		3.95	0.788		25.4	6.63	255	710	1.70	15.00	1.52	106.0	52.8	4.3	9	10.65
N829254		3.53	<0.005		0.22	7.34	7.6	1120	1.76	0.18	3.21	1.30	63.7	2.7	12	8.97
N829255		7.35	0.005		0.05	7.96	5.5	2310	1.76	0.18	2.91	0.20	50.6	6.7	16	12.50
N829256		<0.02	<0.005		0.04	7.89	4.8	2240	1.68	0.18	2.87	0.12	47.8	6.5	12	12.05
N829257		8.55	<0.005		0.10	8.01	8.6	1690	1.52	0.16	2.82	0.11	50.3	4.7	15	12.55
N829258		4.67	0.014		0.20	7.56	30.8	2230	1.67	0.17	2.27	0.14	52.3	4.2	10	21.0
N829259		8.33	<0.005		0.07	8.10	10.7	1840	1.44	0.23	1.88	0.12	50.2	6.3	10	13.05
N829260		11.11	<0.005		0.13	7.10	11.4	1260	1.58	0.15	3.00	0.22	40.8	2.6	10	8.49
N829261		3.56	0.231		36.0	7.15	326	350	1.77	23.9	1.45	55.0	51.6	4.8	7	14.50
N829262		4.21	0.012		0.79	7.32	26.3	2240	1.67	0.23	2.27	6.24	43.8	4.5	9	16.20
N829263		8.01	0.006		0.19	7.10	13.2	2170	1.56	0.32	2.31	0.47	53.7	3.5	9	9.73
N829264		3.82	0.292		3.21	7.33	291	280	1.60	3.99	1.50	5.20	49.3	3.4	9	7.36
N829265		4.81	<0.005		0.21	7.35	19.7	1280	1.86	0.43	1.86	3.32	56.1	4.0	9	10.65



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Account: ROCKHA

Project: Klaza-68

**CERTIFICATE OF ANALYSIS WH12145816**

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N829230		22.2	3.86	16.20	0.08	1.1	0.085	2.37	23.1	45.6	0.64	1730	6.54	0.06	7.0	2.0
N829231		7.1	3.13	16.40	0.09	1.1	0.061	2.52	20.9	59.6	0.75	723	2.84	0.72	7.6	2.1
N829232		64.4	6.07	15.55	0.09	1.0	0.735	2.92	17.9	29.3	0.59	1100	8.13	0.07	5.9	1.9
N829233		1.6	0.47	0.46	0.12	<0.1	<0.005	0.03	0.6	1.2	13.00	207	0.19	<0.01	0.3	1.3
N829234		19.9	3.27	18.05	0.16	1.0	0.144	2.57	26.4	26.0	0.74	772	5.47	0.72	8.0	2.2
N829235		10.7	3.89	18.35	0.15	1.0	0.089	2.86	18.6	28.8	0.71	541	7.48	0.61	8.4	2.4
N829236		14.5	3.62	17.75	0.15	1.0	0.215	2.56	24.8	27.6	0.65	1020	3.43	0.07	7.8	2.6
N829237		9.2	3.47	17.85	0.16	1.0	0.150	2.64	19.5	27.9	0.61	1010	4.35	0.08	7.6	2.6
N829238		16.0	3.05	18.35	0.14	0.9	0.520	2.87	20.4	25.7	0.79	697	6.56	1.33	7.4	2.3
N829239		1.9	3.16	18.40	0.15	1.0	0.040	2.92	23.0	29.2	0.80	539	4.18	1.92	8.7	2.4
N829240		3.3	3.04	17.75	0.15	1.0	0.041	2.94	20.6	98.7	0.99	843	1.97	0.06	8.7	2.5
N829241		445	6.97	16.25	0.17	0.9	1.660	2.66	20.6	26.2	0.93	1920	13.75	0.04	6.6	15.4
N829242		17.3	3.47	17.60	0.14	0.9	0.454	3.27	27.6	13.5	1.11	1930	4.85	0.05	7.6	2.6
N829243		5.6	3.12	21.7	0.17	4.5	0.035	2.54	34.7	165.0	0.94	799	1.05	0.05	12.8	8.5
N829244		1065	6.15	15.65	0.17	1.0	1.080	2.84	22.0	14.2	0.56	1760	11.40	0.05	6.4	2.8
N829245		3.1	0.52	0.58	0.08	<0.1	0.005	0.04	0.6	1.5	13.15	222	0.20	<0.01	0.5	1.3
N829246		1.5	1.54	18.00	0.15	1.1	0.054	3.07	20.8	46.1	0.72	1040	0.92	0.12	7.5	1.6
N829247		19.5	3.66	17.65	0.16	0.9	0.937	3.23	12.2	9.9	0.80	2580	3.31	0.08	6.9	1.6
N829248		1.3	2.83	18.10	0.16	1.1	0.048	1.78	27.5	44.4	0.72	634	1.23	1.16	8.3	2.0
N829249		0.3	2.41	18.60	0.14	1.1	0.057	1.94	26.2	68.8	0.81	735	0.75	0.31	7.3	1.9
N829250		3.4	2.58	18.00	0.14	1.1	0.109	2.00	21.7	72.4	0.57	794	2.46	0.27	8.3	2.1
N829251		0.4	2.26	17.75	0.15	1.2	0.045	2.47	23.2	116.5	0.69	1340	3.28	0.07	7.8	1.9
N829252		1305	8.44	14.80	0.20	1.0	4.50	2.37	15.0	35.3	0.65	3210	16.20	0.08	6.3	13.7
N829253		197.0	5.51	17.85	0.18	0.9	1.415	2.91	28.0	20.0	0.57	2480	11.35	0.06	5.6	2.3
N829254		0.2	1.96	18.15	0.16	0.9	0.090	3.31	32.3	32.9	0.94	1380	7.66	0.26	6.1	2.4
N829255		1.7	3.18	18.95	0.16	1.1	0.041	2.60	24.7	13.4	0.87	520	2.04	2.54	9.2	2.7
N829256		1.6	3.12	18.55	0.16	1.1	0.038	2.50	23.2	13.3	0.86	513	2.00	2.49	8.7	2.6
N829257		3.0	2.93	19.00	0.15	1.2	0.035	2.28	24.7	38.2	0.76	512	2.55	1.77	8.6	2.5
N829258		0.9	2.83	17.25	0.16	1.0	0.028	2.61	28.3	113.0	0.79	721	3.12	0.05	7.5	2.7
N829259		2.8	3.19	20.4	0.16	1.2	0.043	2.55	24.8	51.2	0.54	435	1.31	0.28	9.6	2.7
N829260		1.6	2.05	16.40	0.16	1.0	0.035	1.95	17.6	33.1	0.71	634	3.07	1.12	6.8	2.2
N829261		94.5	5.53	18.70	0.15	0.8	0.431	2.93	26.6	22.0	0.71	2170	2.55	0.06	6.0	2.7
N829262		3.3	2.73	18.40	0.13	1.0	0.049	2.67	20.8	94.6	0.64	877	2.80	0.09	7.9	2.3
N829263		<0.2	2.25	18.70	0.14	0.9	0.064	2.75	25.6	224	0.77	978	3.01	0.09	6.0	2.4
N829264		40.7	5.58	18.95	0.17	0.8	0.432	3.46	23.9	28.8	0.74	1960	2.94	0.05	6.0	2.3
N829265		3.5	2.82	18.10	0.15	1.0	0.265	2.61	28.0	223	0.65	1840	0.77	0.05	7.2	2.4



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**CERTIFICATE OF ANALYSIS WH12145816**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.2	% 0.005	ppm 0.02
N829230		620	198.5	113.0	<0.002	0.49	22.6	10.3	<1	4.1	72.5	0.61	<0.05	13.0	0.256	1.93
N829231		650	14.9	99.1	<0.002	0.18	8.76	10.4	1	2.8	213	0.61	<0.05	11.7	0.274	1.76
N829232		510	2150	159.0	<0.002	4.26	16.50	9.3	1	6.3	84.8	0.54	0.30	10.8	0.226	2.65
N829233		180	1.8	1.5	<0.002	0.01	0.07	0.4	<1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	<0.02
N829234		650	75.1	109.0	<0.002	0.48	9.01	11.9	1	2.7	175.5	0.59	0.07	11.1	0.247	1.81
N829235		640	41.5	82.6	<0.002	0.11	8.32	11.7	1	2.3	159.0	0.65	<0.05	10.2	0.262	1.47
N829236		590	105.5	101.5	<0.002	0.48	23.1	11.1	1	2.4	90.5	0.58	<0.05	9.8	0.242	1.89
N829237		580	63.2	83.1	<0.002	0.40	19.65	10.4	<1	2.2	83.8	0.61	<0.05	9.2	0.239	1.93
N829238		610	58.5	117.5	<0.002	0.29	4.87	11.5	1	2.3	249	0.54	<0.05	10.1	0.236	1.78
N829239		650	16.8	101.5	<0.002	0.11	3.64	11.8	1	2.2	340	0.64	<0.05	10.9	0.274	1.52
N829240		670	13.2	99.0	<0.002	0.31	7.53	11.9	1	2.2	145.5	0.62	<0.05	11.0	0.268	2.29
N829241		460	2890	153.5	0.002	5.01	84.4	9.1	1	7.7	91.8	0.46	0.32	10.6	0.184	2.46
N829242		600	332	163.5	<0.002	1.28	7.41	12.1	1	3.4	95.1	0.55	<0.05	13.0	0.241	3.05
N829243		1580	13.4	74.7	<0.002	0.04	16.60	7.2	1	1.5	467	0.79	<0.05	9.0	0.389	1.62
N829244		480	365	155.5	<0.002	5.23	239	9.6	1	4.7	71.4	0.51	0.26	10.6	0.195	3.21
N829245		230	1.9	2.9	<0.002	0.02	0.47	0.4	<1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	0.02
N829246		600	22.4	125.5	<0.002	0.31	6.73	10.7	1	2.4	110.0	0.61	0.20	11.3	0.225	2.96
N829247		540	218	205	<0.002	1.14	10.80	10.1	1	3.8	51.5	0.53	0.05	12.0	0.205	3.26
N829248		610	13.3	80.2	<0.002	0.41	5.36	11.1	1	2.6	207	0.65	0.23	12.0	0.237	1.57
N829249		620	13.8	84.4	<0.002	0.88	8.43	11.8	1	2.4	126.5	0.63	0.46	12.0	0.207	1.84
N829250		620	140.5	71.8	<0.002	0.17	10.90	10.9	1	2.3	129.5	0.65	0.06	10.1	0.236	1.52
N829251		580	23.2	118.5	<0.002	0.32	19.40	11.1	1	2.3	93.6	0.68	0.09	12.2	0.229	2.34
N829252		470	9880	132.0	<0.002	7.58	231	8.6	2	8.4	126.5	0.43	0.44	9.0	0.188	2.42
N829253		480	8080	170.0	<0.002	4.34	37.6	10.6	1	9.9	44.4	0.45	0.11	11.2	0.171	3.07
N829254		620	67.5	164.0	0.002	0.21	7.04	12.1	1	2.2	93.7	0.48	<0.05	11.4	0.201	3.26
N829255		660	24.6	95.1	<0.002	0.05	2.08	13.5	1	2.0	425	0.67	<0.05	11.7	0.271	1.15
N829256		640	17.6	95.1	<0.002	0.05	1.92	13.1	1	1.8	416	0.66	<0.05	12.1	0.264	1.15
N829257		650	15.9	84.6	<0.002	0.07	9.55	12.3	1	2.0	295	0.68	<0.05	12.2	0.264	1.14
N829258		580	15.1	105.5	0.002	0.29	24.5	11.0	1	1.7	106.5	0.60	<0.05	12.3	0.234	1.89
N829259		670	17.1	91.2	<0.002	0.10	20.4	13.4	1	2.0	127.0	0.73	<0.05	12.2	0.282	1.32
N829260		570	12.9	96.2	<0.002	0.17	6.75	9.5	1	1.9	198.0	0.54	0.07	9.6	0.216	1.59
N829261		530	>10000	170.0	0.002	3.11	28.5	11.7	1	12.0	57.4	0.43	0.23	12.1	0.185	3.04
N829262		610	168.0	102.0	<0.002	0.29	22.7	11.8	1	2.5	122.0	0.64	<0.05	11.7	0.234	1.97
N829263		600	33.9	110.0	<0.002	0.34	12.80	11.5	1	1.9	87.3	0.45	0.06	10.8	0.189	2.50
N829264		560	142.0	186.0	0.002	3.24	15.90	11.9	1	4.5	37.4	0.42	0.13	12.0	0.184	3.10
N829265		630	57.4	116.5	<0.002	0.52	12.35	11.8	1	2.3	124.5	0.54	<0.05	10.5	0.228	2.34



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Project: Klaza-68

**CERTIFICATE OF ANALYSIS WH12145816**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N829230		3.8	73	6.0	14.0	719	24.7			
N829231		4.2	77	2.6	15.2	46	26.2			
N829232		8.3	65	6.6	11.4	3610	22.2			
N829233		0.7	3	0.1	0.8	19	<0.5			
N829234		6.8	73	2.1	16.3	218	30.3			
N829235		6.9	78	3.2	13.8	209	27.5			
N829236		6.0	73	4.2	13.6	461	27.8			
N829237		5.8	73	4.0	11.9	290	29.2			
N829238		4.2	73	2.2	13.4	787	26.9			
N829239		4.0	80	2.9	16.3	49	28.9			
N829240		4.1	79	4.8	14.4	57	29.1			
N829241		5.4	57	5.0	10.3	5440	27.7			
N829242		6.6	73	4.6	14.2	1280	28.1			
N829243		4.3	71	1.8	11.5	93	182.5			
N829244		5.9	61	4.0	9.9	1660	29.3			
N829245		0.6	4	0.1	0.9	21	<0.5			
N829246		6.2	68	1.1	12.0	49	29.7			
N829247		4.5	60	1.8	10.4	2290	25.4			
N829248		6.8	74	1.5	15.2	49	31.8			
N829249		7.2	76	1.6	13.5	56	29.4			
N829250		3.8	70	3.2	13.4	254	31.1			
N829251		5.8	67	2.5	13.2	47	32.2			
N829252		5.6	55	4.5	10.0	>10000	35.1	118		1.570
N829253		6.0	58	3.3	12.4	7670	24.1			
N829254		5.2	69	1.5	15.0	125	23.5			
N829255		4.1	78	2.1	17.8	48	32.8			
N829256		4.3	74	2.2	17.2	41	30.9			
N829257		3.9	78	2.0	16.7	54	33.5			
N829258		3.9	67	3.2	15.6	58	27.1			
N829259		3.7	81	4.7	16.0	46	34.9			
N829260		4.4	68	1.4	11.9	54	25.3			
N829261		5.4	64	4.5	12.5	5210	23.6		1.060	
N829262		4.0	70	2.7	13.5	328	29.0			
N829263		5.3	73	1.8	12.2	79	24.5			
N829264		4.7	69	3.0	10.1	502	24.1			
N829265		4.5	75	2.9	13.0	310	26.6			



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**CERTIFICATE OF ANALYSIS WH12145816**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12145817**

Project: Klaza-68

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12145817**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829266		4.06	1.340	21.1	4.15	4140	4240	0.86	43.4	0.83	9.91	10.75	6.3	12	4.42	109.5
N829267		2.90	<0.005	0.04	0.08	<5	70	0.10	0.11	22.0	0.08	1.34	1.8	1	0.20	1.8
N829268		3.76	0.095	2.25	7.17	172.5	550	1.52	3.25	1.15	6.86	70.7	3.2	9	8.02	35.2
N829269		4.48	0.024	0.28	6.68	34.3	3780	1.22	0.58	2.39	0.41	59.1	4.8	8	11.70	4.0
N829270		7.51	0.005	0.12	7.02	17.3	1870	1.17	0.18	2.34	0.16	50.3	3.3	9	14.25	1.9
N829271		11.20	<0.005	0.11	7.64	11.1	2560	1.20	0.19	1.76	0.18	48.4	4.3	9	14.90	1.7
N829272		<0.02	<0.005	0.13	7.92	11.7	2700	1.23	0.22	1.83	0.16	52.9	4.6	10	15.30	1.7
N829273		6.84	<0.005	0.14	7.28	15.0	2320	1.25	0.20	1.60	0.30	50.4	4.2	8	13.65	6.6
N829274		7.70	0.033	0.31	7.30	7.8	1740	1.06	0.62	1.62	1.67	55.9	3.7	12	8.85	2.9
N829275		5.09	0.011	0.61	7.70	14.1	1840	1.32	1.07	1.64	1.23	61.7	5.7	8	9.81	5.3
N829276		2.62	0.009	0.81	7.24	10.5	1720	1.07	1.40	1.59	1.89	60.2	5.2	8	8.53	5.5
N829277		3.63	0.166	5.69	7.33	110.5	540	1.35	12.20	1.28	2.77	51.7	6.2	9	11.55	53.9
N829278		3.49	0.031	1.51	7.42	106.5	790	1.42	2.25	1.73	8.49	57.1	6.2	8	12.35	36.8
N829279		6.14	0.007	0.46	7.20	18.0	1620	1.33	0.68	1.52	4.44	48.8	5.6	9	14.00	13.6
N829280		3.21	0.032	1.22	7.06	47.0	1410	1.32	2.07	1.48	6.65	48.0	6.5	8	20.2	36.8
N829281		6.33	<0.005	0.19	7.38	17.3	2620	1.41	0.21	1.97	0.25	50.6	6.7	9	17.70	12.6
N829282		4.25	<0.005	0.22	7.55	28.2	920	2.03	0.20	1.84	0.24	49.2	8.7	8	17.90	5.2
N829283		0.29	2.33	26.2	6.23	2900	1320	1.26	19.85	2.28	77.2	46.5	11.7	19	14.95	446
N829284		3.48	0.137	2.01	6.23	207	520	1.17	2.75	2.19	12.10	42.9	4.5	7	18.70	27.3
N829285		0.22	4.61	>100	5.18	6290	240	1.10	56.5	1.87	213	31.9	9.4	17	10.90	1200
N829286		9.96	1.110	76.6	2.54	1210	30	0.64	106.5	1.62	97.6	5.48	5.8	9	8.77	2790
N829287		3.84	1.205	>100	4.84	1195	320	0.65	336	0.20	5.64	12.20	5.9	13	4.31	5830
N829288		4.12	<0.005	0.33	0.11	<5	40	0.07	0.57	21.4	0.10	1.49	0.9	1	0.21	12.4
N829289		6.01	0.037	1.08	7.23	73.8	950	1.28	1.46	1.92	5.60	60.5	2.2	9	10.10	24.0
N829290		3.64	0.080	1.85	7.16	120.0	850	1.39	3.21	1.57	3.23	66.7	2.6	11	10.10	27.3
N829291		7.56	0.011	0.45	7.32	9.0	1080	1.44	0.69	2.50	2.20	76.4	4.2	9	10.95	5.2
N829292		6.49	0.029	1.21	7.37	60.7	940	1.47	1.55	0.71	5.24	65.9	3.6	10	12.35	22.5
N829293		3.97	0.232	3.12	6.65	284	1190	1.28	3.21	2.25	9.09	52.6	3.7	10	10.65	30.1
N829294		3.76	<0.005	0.02	0.09	<5	30	0.06	0.03	21.0	0.07	1.62	1.0	1	0.19	2.5
N829295		9.52	0.016	0.17	7.98	15.6	2140	1.33	0.26	1.41	0.36	67.7	4.5	10	11.40	3.9
N829296		3.90	0.069	1.10	7.35	186.0	2510	1.56	1.08	1.67	14.90	58.7	4.8	8	18.60	21.7
N829297		10.53	0.009	0.16	7.31	24.2	2000	1.27	0.27	1.96	0.79	50.8	5.3	9	11.85	4.3
N829298		7.66	<0.005	0.13	7.37	8.5	2270	1.36	0.15	1.94	0.17	49.9	4.8	9	14.60	5.0
N829299		5.23	0.007	0.80	7.83	18.1	1450	1.57	0.81	1.55	6.22	50.5	5.5	8	13.85	13.3
N829300		4.11	0.451	1.83	6.91	259	450	1.25	2.56	1.43	4.47	55.7	4.0	10	9.43	17.6
N829301		6.41	0.023	0.59	7.34	42.3	1070	1.43	0.58	2.27	2.93	57.5	3.9	8	10.95	9.2





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**CERTIFICATE OF ANALYSIS WH12145817**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829266		9.52	13.45	0.19	0.4	0.312	1.98	3.8	20.9	0.25	323	20.5	0.03	3.7	3.1	280
N829267		0.50	0.44	0.07	<0.1	<0.005	0.03	0.6	1.4	13.15	230	0.16	<0.01	0.4	1.4	180
N829268		4.64	19.25	0.18	0.7	0.336	3.48	37.2	14.9	0.63	1560	6.51	0.04	5.8	2.3	560
N829269		2.77	15.50	0.13	0.7	0.059	3.05	32.8	22.7	0.85	1160	13.90	0.06	5.2	3.1	500
N829270		2.48	16.50	0.14	0.9	0.030	2.90	25.0	46.2	0.78	846	1.49	0.06	8.0	2.6	560
N829271		2.86	17.80	0.15	0.9	0.034	2.82	25.4	97.9	0.57	527	1.67	0.33	8.1	2.5	620
N829272		2.97	17.85	0.16	1.0	0.037	2.94	27.4	100.5	0.59	550	1.57	0.34	8.2	2.7	630
N829273		2.71	16.40	0.15	0.9	0.037	2.41	26.0	108.0	0.57	713	2.08	0.08	7.6	2.6	580
N829274		2.57	17.40	0.15	0.9	0.085	2.47	28.2	27.0	0.71	890	1.66	0.05	6.8	2.4	590
N829275		3.18	17.80	0.17	0.9	0.164	2.31	32.1	40.8	0.67	1160	1.26	0.06	6.8	2.7	630
N829276		2.85	16.65	0.17	0.9	0.179	2.16	31.1	42.1	0.64	1030	1.32	0.06	6.3	2.6	600
N829277		6.08	16.75	0.18	0.9	0.264	2.70	28.4	62.1	0.75	1610	4.15	0.04	6.9	2.9	580
N829278		4.14	16.85	0.16	0.9	0.317	2.19	31.6	130.5	0.73	1180	3.28	0.04	7.0	2.7	600
N829279		3.15	16.10	0.15	0.9	0.173	2.01	25.7	144.0	0.68	1260	1.09	0.04	7.2	2.4	590
N829280		3.48	15.80	0.16	0.9	0.201	2.25	25.7	68.7	0.69	931	1.61	0.05	7.0	3.8	550
N829281		2.64	17.00	0.17	0.9	0.061	2.31	25.4	117.0	0.71	786	1.95	0.06	7.7	3.1	580
N829282		2.68	17.60	0.16	0.9	0.049	1.74	24.6	412	0.56	803	1.63	0.04	7.7	4.4	610
N829283		6.98	14.70	0.18	0.9	1.895	2.67	25.4	24.6	0.94	1920	14.15	0.05	6.4	16.9	450
N829284		3.81	14.65	0.15	0.7	0.297	2.48	21.7	64.4	0.71	1520	11.35	0.04	5.7	2.6	450
N829285		7.72	12.65	0.18	0.9	4.77	2.13	15.9	31.1	0.60	2860	14.50	0.08	5.2	13.7	430
N829286		7.14	7.18	0.13	0.3	2.02	1.03	1.0	41.3	0.48	1150	18.75	0.02	2.3	2.4	130
N829287		14.45	11.85	0.22	0.5	2.99	2.15	4.9	8.5	0.20	229	8.66	0.04	3.9	1.8	290
N829288		0.47	0.28	0.05	<0.1	0.007	0.04	0.7	1.3	12.80	201	0.14	0.01	0.4	1.6	270
N829289		3.05	17.45	0.15	1.0	0.396	3.29	29.0	25.8	0.84	1520	1.24	0.07	5.8	2.0	570
N829290		4.66	16.75	0.18	0.9	0.274	3.10	34.2	53.3	0.79	1680	0.75	0.06	6.0	2.1	530
N829291		2.73	17.40	0.17	0.9	0.146	2.77	39.6	56.5	0.92	1460	0.46	0.11	6.1	2.3	570
N829292		6.19	16.80	0.19	1.0	0.298	3.14	36.1	24.4	0.78	2090	1.26	0.04	7.3	2.5	530
N829293		6.31	16.40	0.18	1.0	0.261	2.93	27.8	10.9	0.96	2350	5.16	0.04	6.6	3.8	480
N829294		0.47	0.28	0.10	<0.1	<0.005	0.03	0.8	1.0	12.35	213	0.11	<0.01	0.3	2.4	170
N829295		3.17	17.65	0.18	1.1	0.074	3.06	35.7	29.2	0.56	834	1.33	0.12	8.3	2.4	630
N829296		4.42	16.30	0.19	1.0	0.184	2.89	31.4	62.9	0.77	1780	1.19	0.07	7.4	2.7	520
N829297		3.20	17.05	0.18	1.0	0.072	2.64	24.9	51.0	0.74	878	1.20	0.09	7.6	2.6	590
N829298		2.94	17.25	0.18	1.0	0.036	2.70	25.1	25.8	0.60	404	0.72	1.23	8.1	2.6	580
N829299		4.42	17.55	0.19	1.1	0.253	2.73	25.3	31.1	0.72	1280	1.52	0.40	8.0	2.8	590
N829300		5.78	16.30	0.19	0.9	0.371	3.05	27.6	21.2	0.77	1830	2.02	0.04	6.2	2.6	530
N829301		3.47	16.95	0.17	0.9	0.162	3.07	26.0	74.2	0.93	1780	0.94	0.06	6.5	2.5	570



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**CERTIFICATE OF ANALYSIS WH12145817**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829266		529	113.0	<0.002	>10.0	52.0	7.8	1	8.6	65.9	0.25	0.71	3.2	0.122	1.89	4.1
N829267		2.2	1.6	<0.002	0.03	0.14	0.5	<1	<0.2	47.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N829268		197.5	197.0	0.002	2.02	16.30	13.0	<1	4.4	22.8	0.41	0.05	11.7	0.182	3.04	3.8
N829269		22.8	193.5	0.010	0.51	10.65	9.3	1	1.7	69.3	0.46	<0.05	10.8	0.174	2.66	4.9
N829270		14.3	134.5	<0.002	0.16	15.15	10.1	1	1.6	92.7	0.70	<0.05	11.9	0.240	2.24	4.0
N829271		17.1	122.0	<0.002	0.05	22.1	11.5	1	1.7	157.5	0.68	<0.05	12.0	0.255	1.53	2.6
N829272		17.4	128.5	<0.002	0.06	22.8	11.6	1	1.7	162.5	0.69	<0.05	12.6	0.263	1.60	2.8
N829273		15.1	108.0	<0.002	0.11	31.1	10.5	1	1.9	146.0	0.65	<0.05	11.6	0.235	1.65	3.0
N829274		29.7	123.0	<0.002	0.39	15.00	10.4	1	1.9	41.4	0.57	<0.05	12.2	0.219	1.77	3.8
N829275		75.6	125.5	<0.002	0.62	18.80	12.0	1	2.2	70.4	0.55	0.06	12.3	0.223	1.85	6.0
N829276		90.3	113.5	<0.002	0.59	17.80	11.0	1	2.2	70.0	0.53	0.07	12.1	0.208	1.76	6.4
N829277		235	171.5	<0.002	2.52	24.9	11.6	1	4.4	57.3	0.55	0.58	11.4	0.235	2.63	5.7
N829278		89.4	159.5	<0.002	1.30	24.8	11.4	1	4.7	103.5	0.53	0.08	11.3	0.233	2.19	3.8
N829279		85.8	123.5	<0.002	0.38	24.8	10.7	1	2.4	108.5	0.60	0.05	10.7	0.239	1.95	4.1
N829280		87.5	139.5	<0.002	0.77	26.2	10.7	1	2.1	96.1	0.58	0.05	11.1	0.231	2.20	4.4
N829281		14.8	110.0	<0.002	0.26	26.1	11.2	1	1.9	120.0	0.64	<0.05	11.0	0.248	2.18	5.4
N829282		17.7	88.9	<0.002	0.38	39.0	11.2	1	2.1	143.0	0.62	<0.05	10.5	0.249	1.88	6.1
N829283		2870	179.5	<0.002	5.01	94.2	8.5	1	8.6	98.6	0.51	0.41	10.7	0.186	2.60	5.6
N829284		208	178.5	<0.002	1.82	36.8	9.3	1	3.2	81.3	0.46	0.10	9.2	0.182	2.82	7.9
N829285		9140	131.0	<0.002	6.83	206	7.1	2	8.5	118.0	0.44	0.51	8.1	0.174	2.24	5.2
N829286		3120	73.9	<0.002	7.48	818	3.2	1	9.9	104.5	0.19	0.45	1.9	0.070	1.34	7.4
N829287		886	165.0	<0.002	>10.0	451	4.9	2	7.4	14.1	0.35	1.15	6.7	0.122	2.45	2.5
N829288		4.5	2.0	<0.002	0.05	1.48	0.3	1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829289		79.5	225	<0.002	1.06	12.35	10.8	1	3.4	54.7	0.54	<0.05	13.6	0.186	3.80	6.6
N829290		124.0	219	<0.002	1.53	10.70	10.4	1	4.9	41.0	0.53	<0.05	13.5	0.188	3.43	6.5
N829291		34.1	166.0	<0.002	0.27	9.60	11.4	1	2.8	98.2	0.56	<0.05	13.3	0.187	3.06	5.5
N829292		186.5	215	<0.002	0.95	9.28	10.8	1	6.7	26.1	0.65	<0.05	13.8	0.225	3.51	6.7
N829293		737	199.5	<0.002	3.73	17.85	9.7	1	6.7	72.0	0.58	0.06	12.0	0.204	3.25	5.5
N829294		2.8	2.0	<0.002	0.01	0.11	0.3	1	<0.2	44.0	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829295		21.8	162.5	<0.002	0.22	17.35	12.2	1	2.1	86.8	0.70	<0.05	14.4	0.255	2.14	3.6
N829296		205	171.5	<0.002	0.92	22.5	10.6	1	4.0	90.5	0.65	<0.05	13.1	0.219	2.73	6.5
N829297		22.7	116.0	<0.002	0.25	15.10	11.8	1	2.0	112.5	0.68	<0.05	12.0	0.241	1.83	2.6
N829298		18.5	109.0	<0.002	0.04	8.37	11.3	1	1.8	246	0.71	<0.05	11.8	0.248	1.31	2.6
N829299		150.0	144.5	<0.002	0.23	7.31	12.0	1	3.2	117.5	0.72	<0.05	13.8	0.249	2.19	5.9
N829300		136.5	229	<0.002	2.55	11.45	10.8	1	5.2	37.3	0.51	0.05	12.2	0.195	3.36	5.1
N829301		159.0	224	<0.002	0.63	8.27	11.6	1	2.9	65.5	0.56	<0.05	12.6	0.200	3.44	6.5



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**CERTIFICATE OF ANALYSIS WH12145817**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829266		50	4.5	5.6	967	13.3		
N829267		4	0.1	0.9	19	<0.5		
N829268		75	3.1	8.6	597	21.6		
N829269		69	2.6	12.2	68	21.4		
N829270		70	1.8	14.1	65	26.2		
N829271		72	3.1	16.5	59	27.3		
N829272		74	3.2	17.1	62	27.9		
N829273		66	4.6	15.8	64	27.7		
N829274		71	2.1	14.1	146	24.7		
N829275		72	4.0	15.3	145	26.7		
N829276		69	4.5	14.3	200	24.9		
N829277		71	4.7	12.5	284	27.6		
N829278		65	4.9	14.0	673	26.9		
N829279		62	5.0	13.7	373	27.5		
N829280		64	3.3	11.9	533	28.7		
N829281		68	6.1	15.3	56	27.5		
N829282		67	5.3	14.7	51	25.3		
N829283		58	5.3	11.2	5470	28.1		
N829284		59	4.5	11.4	995	21.5		
N829285		50	4.5	9.4	>10000	30.1	119	1.630
N829286		23	3.4	4.8	7820	9.4		
N829287		32	2.6	6.0	404	14.7	187	
N829288		3	0.1	1.0	20	<0.5		
N829289		75	2.0	10.9	482	26.1		
N829290		67	3.0	10.3	354	23.8		
N829291		64	1.8	15.2	248	26.6		
N829292		64	6.9	9.8	551	30.4		
N829293		58	6.3	11.5	751	28.6		
N829294		2	0.1	1.0	19	<0.5		
N829295		71	3.8	18.1	72	32.3		
N829296		60	3.9	14.8	1220	29.6		
N829297		70	3.8	16.2	106	31.3		
N829298		66	2.1	16.7	42	30.5		
N829299		68	4.7	14.8	555	32.9		
N829300		63	6.3	11.0	437	25.3		
N829301		67	3.3	15.0	281	27.7		



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**CERTIFICATE OF ANALYSIS WH12145817**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12145818**

Project: Klaza-68

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12145818**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N829302		4.22	0.949	1.89	6.70	491	330	1.38	2.25	0.92	2.50	54.6	4.3	9	8.82	32.4
N829303		5.66	0.222	0.75	7.25	136.0	760	1.37	1.10	1.35	1.44	56.5	7.5	9	8.28	20.2
N829304		7.54	0.987	3.12	4.67	335	80	0.87	3.94	1.49	2.62	26.6	14.6	9	5.64	47.2
N829305		5.26	<0.005	0.01	0.07	<5	20	0.07	0.03	21.4	0.07	1.25	1.2	2	0.20	5.1
N829306		5.91	0.009	0.20	7.33	24.5	720	1.66	0.35	3.17	0.29	51.2	3.2	10	10.95	8.8
N829307		5.66	<0.005	0.11	7.21	5.2	710	1.72	0.16	3.51	0.22	44.8	2.2	8	8.26	2.4
N829308		<0.02	<0.005	0.11	7.18	4.5	710	1.75	0.16	3.63	0.20	43.2	2.2	9	8.37	2.8
N829309		5.46	0.041	0.47	7.39	50.2	690	1.30	0.47	3.40	2.19	50.2	3.6	17	8.72	17.2
N829310		3.89	<0.005	0.14	7.46	8.5	690	1.73	0.35	3.13	0.18	45.1	3.1	14	7.99	12.2
N829311		7.89	<0.005	0.10	7.62	8.5	700	1.43	0.18	2.93	0.12	46.6	2.1	9	7.65	7.9
N829312		6.08	0.006	0.24	6.52	21.7	570	1.22	0.51	2.62	0.15	40.0	3.9	10	9.08	43.8
N829313		6.72	<0.005	0.13	7.12	7.3	640	1.30	0.27	3.26	0.10	32.7	2.3	10	8.11	5.7
N829314		4.52	0.017	0.47	7.45	38.6	750	1.34	0.93	1.90	1.92	39.7	5.5	10	8.80	32.6
N829315		0.30	2.30	24.2	6.01	3470	1200	1.29	18.85	2.21	80.0	44.3	10.5	19	14.20	433
N829316		5.41	0.079	0.35	6.59	14.8	390	1.16	0.41	5.16	0.94	34.0	3.2	8	11.70	4.4
N829317		5.37	0.019	0.27	6.72	12.8	450	1.45	0.56	2.64	0.44	35.6	7.2	8	29.3	27.7
N829318		2.28	<0.005	0.01	0.10	<5	20	0.06	0.02	21.9	0.06	1.23	1.5	2	0.32	1.2
N829319		4.42	<0.005	0.18	5.89	6.9	620	1.18	0.35	2.73	0.35	34.3	3.0	8	7.61	4.7
N829320		4.99	<0.005	0.20	5.63	5.4	430	1.12	0.36	3.53	0.40	31.0	1.5	7	6.94	7.6
N829321		4.64	<0.005	0.36	5.82	9.8	430	1.21	0.66	3.50	0.46	32.2	1.6	8	8.16	3.9
N829322		4.19	<0.005	0.29	7.15	6.5	380	1.50	0.54	3.21	0.84	30.7	1.8	8	9.23	4.9
N829323		5.29	<0.005	0.27	6.85	6.1	720	1.42	0.54	3.02	0.60	27.9	1.2	9	9.64	7.1
N829324		2.35	<0.005	0.40	6.67	6.6	520	1.47	0.58	2.93	0.55	27.8	1.4	8	9.56	7.0
N829325		8.12	<0.005	0.43	6.80	6.5	480	1.42	0.50	4.12	0.67	31.4	1.1	8	9.93	4.8
N829326		4.61	0.009	0.36	7.32	17.4	410	1.72	0.63	2.28	0.42	31.4	1.4	8	9.87	3.9
N829327		8.85	0.022	0.76	6.98	21.5	520	1.53	1.01	3.81	0.16	31.7	1.9	9	7.54	43.7
N829328		5.15	0.023	0.55	7.41	35.3	630	1.51	0.74	2.67	0.62	32.4	0.9	9	7.35	9.5
N829329		6.03	0.028	0.79	6.29	34.5	540	1.25	1.04	3.29	1.68	30.2	1.2	10	6.91	34.4
N829330		0.30	4.47	>100	5.25	8130	140	1.18	58.1	1.92	219	29.6	8.9	18	11.00	1250
N829331		4.72	1.520	16.75	4.65	738	60	0.77	21.2	2.65	10.35	16.80	11.8	7	5.18	59.9
N829332		4.18	0.053	1.14	7.68	105.5	500	1.40	1.54	1.73	4.99	41.5	2.4	8	6.98	48.5
N829333		9.10	0.020	1.96	7.99	187.0	420	1.50	0.74	1.56	1.60	39.1	2.3	10	7.10	131.0
N829334		2.88	0.017	0.69	6.75	65.2	1070	1.45	0.76	4.46	1.60	31.4	6.1	7	9.85	10.3
N829335		7.64	0.011	0.57	6.33	80.5	420	1.49	0.67	4.22	1.32	28.6	3.9	8	6.98	3.6
N829336		4.75	<0.005	0.22	6.43	9.4	330	1.59	0.34	4.20	0.28	23.7	1.8	8	8.99	1.9
N829337		8.28	0.008	0.29	6.32	19.7	310	1.56	0.28	3.97	1.64	22.9	1.7	9	9.60	2.9



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**CERTIFICATE OF ANALYSIS WH12145818**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829302		5.83	15.60	0.18	0.9	0.352	2.98	25.5	29.1	0.54	1790	2.81	0.04	6.4	3.5	530
N829303		4.28	16.90	0.18	0.8	0.386	3.19	25.6	50.9	0.65	2280	1.47	0.05	6.3	6.9	530
N829304		6.38	11.35	0.17	0.6	0.299	2.02	11.6	10.9	0.64	1720	7.55	0.04	3.4	7.1	390
N829305		0.49	0.20	<0.05	<0.1	<0.005	0.03	0.6	0.9	12.70	220	0.18	<0.01	0.3	<0.2	170
N829306		3.35	17.55	0.11	1.1	0.091	1.53	23.2	29.0	0.68	741	0.75	0.58	7.8	3.1	690
N829307		2.96	17.00	0.13	1.0	0.070	1.32	17.7	21.7	0.67	697	0.54	1.03	7.6	2.7	580
N829308		3.01	16.70	0.11	1.0	0.069	1.33	17.1	21.7	0.67	709	0.54	1.05	7.6	2.8	590
N829309		3.29	17.20	0.13	0.8	0.239	2.54	18.4	24.8	0.90	1690	1.02	0.11	5.9	2.4	600
N829310		3.22	17.65	0.14	0.8	0.130	1.91	15.3	31.9	1.07	850	0.32	0.15	5.7	2.0	590
N829311		1.88	17.30	0.11	1.0	0.059	1.23	15.2	58.9	0.87	705	0.43	0.24	7.9	1.8	630
N829312		2.21	15.25	0.12	0.8	0.115	1.72	14.9	64.6	0.84	982	2.20	0.18	5.6	2.6	530
N829313		2.17	17.65	0.10	0.9	0.094	1.78	10.4	55.7	0.94	1190	0.47	0.20	6.8	1.5	570
N829314		2.20	17.50	0.12	0.8	0.155	2.64	14.0	50.0	0.72	825	0.52	0.15	6.6	2.4	670
N829315		6.75	13.95	0.16	0.9	1.670	2.58	24.1	20.6	0.91	1870	14.20	0.05	5.8	14.4	450
N829316		2.67	14.20	0.10	0.8	0.226	1.80	12.8	57.7	1.75	1640	0.66	0.09	6.1	1.8	510
N829317		1.73	14.65	0.08	0.8	0.141	1.75	12.3	40.6	0.88	763	1.63	0.09	5.1	2.1	600
N829318		0.49	0.27	0.06	<0.1	0.005	0.03	0.6	1.1	13.05	210	0.13	0.01	0.4	<0.2	180
N829319		1.76	14.65	0.11	0.8	0.139	1.39	10.5	61.8	0.61	785	0.45	0.14	5.9	1.8	510
N829320		1.64	12.55	0.12	0.7	0.124	0.89	10.9	32.8	0.53	828	0.46	0.24	5.0	1.5	460
N829321		1.92	13.60	0.13	0.7	0.262	1.03	10.0	27.2	0.70	797	0.31	0.27	6.0	1.7	660
N829322		2.26	17.15	0.12	0.9	0.222	1.01	8.1	27.0	0.56	663	0.31	1.00	6.6	1.9	610
N829323		1.62	15.85	0.09	0.8	0.253	0.93	7.6	37.1	0.54	848	0.23	0.29	6.3	1.0	610
N829324		1.65	16.15	0.09	0.9	0.290	0.97	7.5	36.2	0.51	835	0.28	0.28	6.7	1.1	590
N829325		1.89	16.00	0.09	0.8	0.263	0.87	8.4	60.6	0.59	905	0.30	1.39	6.8	1.0	610
N829326		2.01	17.20	0.10	0.7	0.242	1.48	9.1	186.5	0.65	922	0.45	0.22	6.0	1.3	620
N829327		2.62	16.25	0.10	0.7	0.241	1.68	9.1	20.8	0.67	954	0.61	0.88	5.6	1.1	590
N829328		2.18	17.90	0.11	0.7	0.289	2.67	9.4	36.1	0.77	1340	0.90	0.16	5.7	1.3	620
N829329		2.46	14.40	0.10	0.6	0.356	2.53	9.8	27.4	0.75	1520	0.87	0.29	4.0	1.1	510
N829330		7.96	12.10	0.17	1.0	4.46	2.20	13.8	27.8	0.61	2960	15.40	0.09	5.4	13.4	450
N829331		9.34	11.05	0.14	0.5	0.489	2.01	5.1	10.4	1.14	2380	2.67	0.04	3.2	1.2	350
N829332		3.07	17.55	0.09	0.9	0.429	2.89	17.5	20.5	0.68	1550	0.46	0.04	6.7	1.2	580
N829333		1.79	19.05	0.08	0.9	0.264	2.06	13.3	31.3	0.60	822	0.69	0.09	7.3	1.3	630
N829334		1.94	15.85	0.10	0.8	0.260	1.87	11.0	44.4	0.92	1260	0.81	0.11	5.2	1.1	560
N829335		1.93	16.25	0.10	0.8	0.220	1.39	8.7	29.0	0.81	917	0.59	0.94	6.4	1.2	750
N829336		1.16	16.70	0.07	0.8	0.166	0.93	6.9	169.0	0.54	853	0.25	0.28	7.0	1.1	600
N829337		1.18	17.65	0.09	0.8	0.112	0.78	6.6	96.6	0.62	721	0.31	2.16	7.4	1.2	580



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Project: Klaza-68

**CERTIFICATE OF ANALYSIS WH12145818**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829302		130.5	231	<0.002	3.32	22.6	11.0	1	3.8	23.5	0.54	0.12	12.5	0.195	3.54	7.1
N829303		44.0	259	<0.002	1.74	12.95	11.2	1	3.8	40.2	0.51	0.11	13.2	0.180	3.59	5.4
N829304		215	150.5	<0.002	4.94	24.8	6.7	1	4.2	79.2	0.35	0.38	7.4	0.114	2.49	3.0
N829305		3.0	1.6	<0.002	0.02	0.09	0.3	<1	<0.2	46.6	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N829306		21.5	72.2	<0.002	0.32	7.33	11.5	<1	2.9	147.0	0.65	<0.05	12.0	0.246	1.47	5.2
N829307		13.0	55.8	<0.002	0.09	4.60	10.5	<1	2.3	194.5	0.58	<0.05	11.1	0.225	1.35	4.5
N829308		13.2	50.3	<0.002	0.10	4.73	9.9	<1	2.4	201	0.60	<0.05	11.1	0.232	1.37	4.7
N829309		63.8	134.5	<0.002	0.89	9.20	9.9	<1	2.7	82.0	0.44	0.06	11.5	0.192	2.57	5.9
N829310		8.2	79.9	<0.002	0.28	7.59	10.5	<1	2.1	119.0	0.45	<0.05	10.7	0.194	1.83	3.8
N829311		7.1	43.4	<0.002	0.06	7.70	11.3	<1	2.5	132.5	0.60	<0.05	10.8	0.251	1.20	4.6
N829312		11.2	95.2	<0.002	0.32	12.50	9.4	<1	2.4	72.1	0.43	<0.05	11.1	0.181	1.70	2.8
N829313		6.8	74.9	<0.002	0.19	8.10	10.3	<1	2.4	82.2	0.58	<0.05	12.0	0.208	1.73	2.8
N829314		22.0	161.0	<0.002	0.74	9.96	11.1	<1	3.0	57.7	0.52	0.11	13.0	0.218	2.43	3.3
N829315		2770	157.0	0.002	4.85	90.6	8.4	1	8.0	92.0	0.47	0.40	10.8	0.177	2.12	5.3
N829316		16.6	130.0	<0.002	0.24	11.20	10.4	<1	2.8	99.6	0.46	0.05	12.4	0.190	1.70	4.3
N829317		14.5	120.0	<0.002	0.36	14.25	9.6	<1	5.5	80.5	0.41	0.06	12.2	0.166	1.71	11.1
N829318		1.5	2.0	<0.002	0.01	0.08	0.3	<1	<0.2	47.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N829319		11.0	73.9	<0.002	0.34	9.96	9.4	<1	3.1	96.4	0.43	<0.05	10.0	0.180	1.46	2.3
N829320		20.3	56.0	<0.002	0.10	6.48	8.2	<1	2.4	125.0	0.42	<0.05	10.5	0.155	0.90	3.7
N829321		20.3	56.0	<0.002	0.13	6.35	9.4	<1	3.5	165.0	0.46	0.14	10.9	0.184	1.14	2.8
N829322		28.6	44.2	<0.002	0.16	6.14	10.4	<1	2.9	192.5	0.50	0.13	9.6	0.207	1.06	3.9
N829323		21.9	37.3	<0.002	0.08	16.20	10.1	<1	2.5	139.0	0.50	0.10	9.3	0.204	1.00	1.9
N829324		18.6	39.3	<0.002	0.08	15.40	10.1	<1	2.7	133.0	0.53	0.18	9.1	0.210	1.03	1.9
N829325		20.5	32.5	<0.002	0.07	10.15	9.7	<1	2.8	271	0.52	0.17	8.8	0.217	0.92	2.4
N829326		21.0	63.9	<0.002	0.20	25.1	10.4	<1	3.3	104.5	0.44	0.15	10.4	0.203	1.60	3.8
N829327		10.8	75.5	<0.002	0.45	6.47	9.9	<1	4.4	156.0	0.42	0.36	9.9	0.179	1.77	4.8
N829328		25.3	133.5	<0.002	0.35	9.03	9.9	<1	4.9	92.6	0.43	0.22	11.4	0.182	2.82	2.4
N829329		23.5	136.0	<0.002	0.44	5.21	9.3	<1	4.3	98.1	0.33	0.40	10.8	0.140	2.53	3.7
N829330		9400	117.5	0.002	7.06	215	7.2	2	8.4	118.5	0.43	0.50	7.6	0.178	1.90	5.0
N829331		236	125.0	<0.002	9.48	20.8	6.6	1	4.3	65.1	0.26	1.44	7.2	0.104	2.03	2.6
N829332		64.7	179.0	<0.002	1.33	12.10	10.8	<1	6.1	41.9	0.58	0.26	14.2	0.203	2.56	3.3
N829333		99.1	144.5	<0.002	0.31	42.9	12.2	<1	3.8	58.4	0.56	0.18	14.6	0.219	1.91	2.7
N829334		45.6	108.0	<0.002	0.48	17.00	10.0	<1	2.7	141.5	0.41	0.15	11.9	0.162	1.72	4.3
N829335		29.9	67.9	<0.002	0.26	5.93	10.8	<1	2.7	210	0.46	0.17	10.0	0.203	1.38	3.2
N829336		9.9	35.4	<0.002	0.09	17.55	10.0	<1	2.2	151.5	0.50	0.07	9.0	0.218	0.94	2.5
N829337		42.8	29.4	<0.002	0.05	6.82	9.5	<1	2.2	327	0.54	0.05	8.0	0.219	0.72	2.0





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**CERTIFICATE OF ANALYSIS WH12145818**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829302		64	6.8	11.0	276	25.5		
N829303		75	2.5	11.7	145	24.1		
N829304		56	3.2	7.1	257	16.2		
N829305		3	0.1	0.8	18	<0.5		
N829306		74	2.2	15.2	64	28.6		
N829307		72	0.9	15.2	55	27.7		
N829308		74	0.9	14.6	56	26.9		
N829309		84	1.7	14.4	201	22.8		
N829310		83	1.3	14.1	68	22.2		
N829311		74	1.8	15.2	54	26.6		
N829312		74	1.4	12.7	67	20.8		
N829313		76	1.2	12.8	50	25.1		
N829314		79	1.8	12.8	173	21.5		
N829315		56	5.3	9.2	5300	24.0		
N829316		62	1.6	15.8	127	20.4		
N829317		66	1.9	12.8	73	21.5		
N829318		2	0.1	0.8	20	<0.5		
N829319		68	1.4	13.2	53	23.1		
N829320		49	1.0	12.7	56	20.9		
N829321		60	1.6	12.6	64	20.0		
N829322		56	1.1	12.6	87	24.1		
N829323		49	1.7	12.1	79	22.9		
N829324		50	2.0	12.3	79	24.1		
N829325		53	1.0	13.2	82	19.9		
N829326		66	1.3	11.8	70	20.4		
N829327		59	1.3	11.3	58	19.1		
N829328		53	1.2	10.2	80	18.3		
N829329		55	1.3	10.7	174	16.4		
N829330		52	4.6	7.7	>10000	28.8	117	1.595
N829331		36	3.4	6.1	844	11.6		
N829332		65	3.0	11.9	407	24.2		
N829333		64	2.2	13.4	150	25.7		
N829334		48	1.5	15.4	148	21.1		
N829335		70	1.1	14.6	129	22.6		
N829336		64	1.0	12.8	57	23.3		
N829337		57	1.0	12.4	140	21.9		



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**CERTIFICATE OF ANALYSIS WH12145818**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12147075**

Project: Klaza-68

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12147075**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829338		7.10	<0.005	0.29	6.45	8.4	340	1.47	0.40	4.69	0.41	21.3	2.0	9	12.70	2.4
N829339		8.31	<0.005	0.29	6.73	9.0	270	1.23	0.25	3.00	0.25	27.7	1.8	9	7.86	13.2
N829340		3.69	<0.005	0.20	6.95	5.6	300	1.09	0.24	4.56	0.25	25.8	1.9	8	7.28	5.2
N829341		2.22	<0.005	0.19	6.98	5.2	290	1.22	0.25	4.33	0.24	22.0	1.7	9	7.62	4.1
N829342		4.38	0.014	0.84	6.75	42.9	430	1.09	1.22	2.27	2.14	25.9	1.8	9	7.10	25.2
N829343		8.67	0.222	68.2	6.17	418	640	1.01	137.5	2.79	175.0	31.2	2.2	8	9.96	371
N829344		2.47	<0.005	0.05	0.06	<5	20	0.08	0.10	22.3	0.19	1.05	2.1	1	0.20	2.3
N829345		6.25	0.072	0.52	6.57	46.1	490	1.16	0.26	2.77	2.03	37.7	1.3	9	13.40	3.6
N829346		10.59	<0.005	0.20	6.78	11.1	710	1.13	0.16	3.86	0.17	24.3	2.6	8	10.20	6.5
N829347		7.60	<0.005	0.23	8.06	7.4	420	1.17	0.25	5.49	0.15	16.85	3.6	7	10.50	6.4
N829348		7.17	<0.005	0.15	7.13	5.0	360	1.02	0.21	4.58	0.21	18.50	1.6	8	9.28	2.1
N829349		<0.02	<0.005	0.16	6.70	5.9	380	1.10	0.21	4.78	0.24	20.7	1.8	8	9.65	3.3
N829350		5.28	0.016	0.22	6.73	19.1	680	1.15	0.19	4.85	1.75	18.70	1.7	7	11.65	7.3
N829351		8.02	<0.005	0.25	6.73	8.8	380	1.21	0.23	4.47	0.30	28.0	1.5	10	10.65	14.1
N829352		11.34	<0.005	0.20	6.55	6.4	410	1.27	0.22	4.31	0.15	27.6	1.4	11	9.02	11.8
N829353		5.25	0.006	0.22	6.88	9.2	430	1.32	0.24	4.62	0.27	22.2	1.5	11	7.47	12.4
N829354		4.33	0.171	9.47	7.29	214	470	1.15	16.35	1.86	6.94	29.7	2.4	10	5.20	212
N829355		9.00	<0.005	0.40	7.18	11.8	470	1.13	0.33	4.76	0.95	27.8	1.6	8	6.13	2.8
N829356		5.87	0.084	1.05	6.71	94.6	440	1.15	1.31	3.12	13.75	27.1	6.3	10	4.93	23.3
N829357		8.14	<0.005	0.35	6.66	8.2	360	1.17	0.28	3.25	1.29	26.7	1.8	9	6.74	7.6
N829358		7.52	0.023	1.14	7.12	44.7	390	1.30	1.20	3.91	10.05	26.6	2.2	8	14.35	16.1
N829359		10.53	0.039	1.59	7.21	220	340	1.37	0.36	2.05	8.36	28.7	2.7	9	9.63	14.5
N829360		9.07	<0.005	0.37	7.37	21.4	330	1.11	0.26	1.40	1.09	29.9	2.0	10	6.25	21.5
N829361		4.58	0.344	1.45	6.98	359	490	1.29	1.55	2.48	4.87	39.3	3.4	10	6.43	12.2
N829362		4.46	<0.005	0.13	6.86	10.0	600	1.44	0.76	3.69	0.11	33.9	2.2	9	6.18	11.0
N829363		0.27	2.23	24.7	6.38	3550	1670	1.22	20.0	2.28	77.4	42.3	11.2	19	13.35	478
N829364		6.31	0.027	1.87	6.90	471	620	1.34	1.63	2.78	16.70	41.8	1.9	10	5.97	35.0
N829365		7.41	<0.005	0.11	7.00	4.9	720	1.41	0.11	3.17	0.11	36.8	1.6	9	6.00	1.5
N829366		8.83	<0.005	0.13	6.82	6.3	580	1.62	0.15	2.71	0.09	31.1	1.8	9	5.43	1.8
N829367		4.15	0.029	0.80	6.76	41.6	600	1.61	0.50	3.24	7.09	37.0	10.2	9	5.67	6.0
N829368		0.27	0.861	9.45	6.30	1710	390	1.59	6.19	1.76	42.0	43.6	17.1	19	16.55	110.5
N829369		12.03	<0.005	0.16	7.07	7.2	790	1.69	0.12	2.93	0.29	36.7	2.5	9	6.64	3.2
N829370		11.40	<0.005	0.16	7.25	7.8	1950	1.58	0.15	2.46	0.29	37.8	4.0	10	9.81	5.2
N829371		3.84	0.474	2.02	6.36	140.5	970	1.71	1.72	2.81	6.78	35.7	16.7	8	12.45	20.6
N829372		1.45	<0.005	0.01	0.07	<5	20	0.05	0.02	18.75	0.07	1.22	1.8	1	0.17	2.1
N829373		9.03	0.035	0.76	6.84	51.3	990	1.77	1.01	2.10	1.72	40.1	17.5	10	15.95	12.8



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829338		1.30	17.25	0.13	0.8	0.148	0.68	6.8	28.6	0.78	850	0.17	2.60	6.6	1.4	540
N829339		1.04	16.05	0.15	0.9	0.081	0.61	8.4	236	0.70	688	0.22	0.16	7.1	1.5	590
N829340		1.43	17.15	0.18	0.8	0.116	1.54	8.1	52.6	0.96	893	0.28	0.16	6.6	1.7	600
N829341		1.39	17.35	0.17	0.9	0.107	1.49	7.3	52.1	0.87	811	0.20	0.26	6.4	1.5	670
N829342		2.12	15.20	0.12	0.8	0.377	2.35	8.6	52.4	0.84	1270	0.34	0.04	6.7	1.8	560
N829343		5.02	13.40	0.13	0.6	2.23	2.64	12.0	12.5	0.68	3350	4.10	0.04	5.2	2.2	520
N829344		0.46	0.59	0.12	<0.1	0.006	0.02	0.5	1.0	13.25	213	0.08	<0.01	0.5	5.7	160
N829345		1.98	14.90	0.14	0.9	0.172	2.79	15.4	15.4	0.89	2630	1.48	0.06	5.6	2.0	460
N829346		1.71	15.45	0.13	1.0	0.066	1.39	7.3	53.8	0.78	828	0.32	0.82	6.4	2.1	560
N829347		1.30	15.80	0.14	0.9	0.064	1.15	6.0	33.9	0.82	1120	0.34	1.39	6.0	1.9	520
N829348		1.15	15.90	0.17	0.9	0.112	1.25	6.1	14.9	0.60	803	0.29	1.81	6.2	1.4	600
N829349		1.19	16.40	0.22	0.9	0.118	1.25	6.8	15.5	0.57	837	0.40	1.85	6.5	2.7	590
N829350		1.16	15.90	0.24	0.8	0.117	1.74	6.3	24.2	0.58	1300	0.26	0.80	6.1	1.8	530
N829351		1.20	16.10	0.19	0.9	0.125	0.99	8.6	18.4	0.66	818	0.31	2.39	6.6	1.8	600
N829352		1.26	16.35	0.15	0.9	0.126	1.11	8.5	22.5	0.71	808	0.30	2.11	6.6	1.8	610
N829353		1.37	16.70	0.19	0.8	0.134	1.81	7.6	10.2	0.71	759	0.26	1.98	6.5	1.7	610
N829354		4.86	16.10	0.16	0.8	0.672	3.06	9.9	13.9	0.65	1320	0.37	0.23	6.2	1.6	550
N829355		1.71	16.65	0.15	0.9	0.170	2.33	7.9	20.3	0.70	973	0.26	0.55	6.6	1.8	600
N829356		2.60	16.45	0.13	0.9	0.490	2.72	7.7	26.4	0.56	1360	0.33	0.17	6.2	1.8	590
N829357		1.41	16.10	0.15	1.0	0.097	1.51	7.4	28.8	0.59	671	1.28	0.67	6.5	1.9	580
N829358		2.30	16.85	0.16	0.8	0.399	2.33	8.7	79.7	1.02	1600	1.85	0.10	5.1	1.7	520
N829359		1.71	16.30	0.12	0.9	0.155	1.87	9.1	331	0.65	839	0.48	0.13	6.2	1.5	590
N829360		1.35	17.25	0.15	1.0	0.117	1.52	9.1	36.2	0.49	579	0.35	0.10	7.0	1.5	650
N829361		3.38	15.60	0.15	0.8	0.275	2.31	15.3	20.0	0.69	807	0.55	0.69	5.9	2.2	520
N829362		2.19	15.90	0.18	1.0	0.225	1.86	11.9	12.0	0.71	772	0.43	1.87	6.9	2.3	600
N829363		6.84	14.75	0.14	0.9	1.640	2.76	20.4	24.5	0.94	1960	13.65	0.04	5.9	15.9	460
N829364		3.11	16.00	0.13	0.9	0.428	2.96	17.6	36.4	0.83	1640	0.46	0.12	6.2	2.2	550
N829365		2.39	15.90	0.16	1.0	0.088	1.19	14.0	13.1	0.69	507	0.33	2.59	7.1	2.7	550
N829366		2.64	14.95	0.12	1.0	0.096	0.97	12.1	23.6	0.76	542	0.32	2.31	7.6	2.3	540
N829367		2.66	14.20	0.13	1.0	0.130	1.24	15.6	16.0	0.70	758	0.47	1.90	7.0	2.7	520
N829368		5.16	14.60	0.22	1.4	0.928	2.64	22.3	26.1	0.64	1860	12.70	0.25	7.9	14.7	470
N829369		2.64	14.70	0.14	0.9	0.081	1.15	15.9	20.4	0.82	539	0.55	2.44	7.9	2.4	560
N829370		3.04	14.90	0.17	1.0	0.056	2.28	17.6	18.2	0.76	482	1.06	1.91	8.5	2.5	590
N829371		3.49	14.20	0.18	1.1	0.160	2.44	16.5	35.1	0.59	1150	0.76	0.40	7.9	2.5	460
N829372		0.45	0.40	<0.05	<0.1	0.005	0.03	0.6	1.1	11.70	193	0.13	0.01	0.4	2.7	160
N829373		3.80	14.45	0.15	1.0	0.155	2.36	19.1	128.0	0.76	1160	1.44	0.32	7.7	2.6	520



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**CERTIFICATE OF ANALYSIS WH12147075**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829338		16.3	21.7	<0.002	0.05	4.71	9.7	1	1.9	406	0.53	0.12	9.2	0.201	0.76	2.5
N829339		11.8	17.7	<0.002	0.04	27.6	10.9	1	2.5	143.0	0.63	0.09	8.9	0.234	0.58	2.3
N829340		16.5	64.9	<0.002	0.08	6.18	9.5	1	2.3	154.5	0.56	<0.05	10.4	0.212	1.48	5.3
N829341		12.0	57.9	<0.002	0.06	5.91	9.5	1	2.3	156.0	0.54	0.05	9.8	0.213	1.41	4.2
N829342		45.0	135.5	<0.002	0.55	9.50	9.5	1	2.7	83.5	0.54	<0.05	11.7	0.221	2.01	5.7
N829343		5370	146.0	<0.002	4.41	40.6	8.2	2	7.4	53.5	0.38	0.08	10.2	0.186	2.48	4.4
N829344		5.5	1.5	<0.002	0.01	0.09	0.7	<1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N829345		112.0	122.0	<0.002	0.39	16.40	8.1	<1	3.3	65.7	0.52	<0.05	11.7	0.184	2.84	5.7
N829346		10.5	44.9	<0.002	0.12	7.55	8.4	1	2.2	186.0	0.55	<0.05	7.9	0.212	1.36	3.2
N829347		12.1	31.0	<0.002	0.13	7.14	7.4	<1	1.7	218	0.47	0.05	6.7	0.200	1.10	2.7
N829348		11.7	35.6	<0.002	0.05	3.52	8.5	1	1.9	269	0.50	<0.05	7.3	0.218	1.34	2.2
N829349		14.0	38.0	<0.002	0.06	3.84	9.2	1	2.0	274	0.51	<0.05	7.9	0.219	1.37	2.5
N829350		27.8	56.1	<0.002	0.14	6.34	8.0	1	2.1	180.5	0.51	<0.05	8.0	0.209	1.63	2.7
N829351		16.1	29.9	<0.002	0.04	5.58	8.6	1	2.2	357	0.52	<0.05	7.8	0.222	0.93	2.7
N829352		10.9	33.3	<0.002	0.04	5.57	9.1	1	2.3	316	0.52	<0.05	8.5	0.221	1.00	2.7
N829353		18.5	85.5	<0.002	0.05	6.54	9.5	1	2.0	289	0.47	<0.05	8.3	0.224	1.52	2.6
N829354		136.0	196.5	<0.002	3.43	8.95	10.2	1	4.4	68.3	0.49	0.20	12.3	0.202	2.28	3.7
N829355		26.0	105.0	<0.002	0.10	4.91	9.3	1	2.1	159.5	0.56	0.16	9.6	0.219	1.96	3.0
N829356		60.9	133.5	<0.002	1.05	5.60	10.0	1	4.6	83.0	0.49	0.16	10.1	0.212	2.05	3.5
N829357		28.3	60.2	<0.002	0.12	10.20	8.9	1	2.3	154.5	0.56	0.06	9.1	0.220	1.29	2.7
N829358		183.5	93.4	<0.002	0.45	17.00	8.5	1	3.1	144.5	0.43	0.11	9.1	0.175	1.95	3.6
N829359		204	86.3	<0.002	0.21	28.4	10.0	1	2.9	107.5	0.52	0.06	10.8	0.200	1.59	2.8
N829360		27.4	87.5	<0.002	0.10	25.0	11.2	1	3.0	69.7	0.64	<0.05	11.4	0.233	1.34	2.7
N829361		309	147.5	<0.002	1.61	7.68	9.5	1	4.9	154.5	0.47	0.13	11.9	0.202	1.76	3.3
N829362		7.6	101.0	<0.002	0.15	4.56	10.3	1	2.6	321	0.56	0.27	10.4	0.222	1.55	3.2
N829363		2930	168.0	0.002	5.26	89.5	8.5	1	7.6	93.4	0.44	0.35	11.0	0.192	2.14	5.8
N829364		352	144.0	<0.002	0.85	6.04	9.6	1	5.7	87.8	0.52	0.06	11.3	0.197	2.17	4.0
N829365		10.4	50.7	<0.002	0.02	3.26	9.3	1	2.3	378	0.61	<0.05	9.9	0.227	0.90	2.7
N829366		8.9	44.0	<0.002	0.08	3.41	10.1	<1	2.3	314	0.63	<0.05	10.2	0.219	0.80	2.9
N829367		192.5	67.0	<0.002	0.68	3.85	10.1	<1	2.8	285	0.55	0.13	10.9	0.201	1.06	3.2
N829368		1240	152.0	0.002	3.00	33.8	9.3	<1	5.8	144.0	0.59	0.29	11.1	0.206	2.31	5.1
N829369		17.3	54.7	<0.002	0.04	3.50	11.0	<1	2.5	353	0.59	<0.05	11.9	0.243	0.68	3.3
N829370		20.8	76.7	<0.002	0.06	3.54	10.7	<1	2.1	340	0.64	<0.05	11.5	0.261	1.00	3.4
N829371		174.5	115.5	<0.002	1.55	8.16	9.3	<1	3.5	152.5	0.74	0.14	13.2	0.198	1.90	4.4
N829372		1.4	1.7	<0.002	0.01	0.06	0.4	<1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N829373		61.3	122.5	<0.002	0.90	10.65	10.7	<1	3.8	145.0	0.62	0.07	12.7	0.230	2.04	4.9



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**CERTIFICATE OF ANALYSIS WH12147075**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
N829338		75	1.3	11.6	76	19.1	
N829339		59	1.3	13.0	61	22.3	
N829340		54	0.9	14.3	57	20.5	
N829341		53	0.7	13.2	53	21.8	
N829342		54	3.0	12.2	236	19.9	
N829343		60	4.8	11.9	>10000	15.5	1.375
N829344		3	<0.1	0.8	31	<0.5	
N829345		62	3.9	10.4	213	21.8	
N829346		73	0.7	10.5	66	24.1	
N829347		61	1.0	11.6	60	22.0	
N829348		51	0.4	10.9	59	20.1	
N829349		54	0.6	12.0	63	21.6	
N829350		60	1.0	11.4	184	20.7	
N829351		58	0.9	12.6	66	21.9	
N829352		59	0.7	12.4	56	22.6	
N829353		53	0.4	13.2	63	21.5	
N829354		51	3.5	11.5	623	19.7	
N829355		62	0.7	12.4	130	22.0	
N829356		58	2.3	10.0	1430	21.4	
N829357		71	0.8	10.8	102	22.9	
N829358		51	1.7	11.4	807	19.4	
N829359		56	1.3	13.9	478	22.7	
N829360		74	1.5	15.7	98	23.5	
N829361		88	1.7	12.4	393	20.7	
N829362		109	0.5	14.4	58	23.8	
N829363		58	4.7	9.8	5560	24.6	
N829364		85	2.2	10.0	1540	23.1	
N829365		68	0.7	13.3	46	25.1	
N829366		66	0.8	14.1	54	28.2	
N829367		70	1.0	14.0	422	27.5	
N829368		55	5.1	11.4	2840	41.7	
N829369		70	0.9	15.9	58	24.8	
N829370		69	2.2	13.8	56	28.8	
N829371		57	2.5	12.8	452	31.7	
N829372		1	0.1	0.8	15	<0.5	
N829373		64	3.3	13.5	166	27.6	



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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Project: Klaza-68/69

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 18-JUL-2012  
Account: ROCKHA

Project: Klaza-68/69

**CERTIFICATE OF ANALYSIS WH12147076**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829374		13.12	0.267	12.30	6.12	265	320	1.38	14.70	1.33	35.5	43.5	8.6	8	12.10	267
N829375		1.26	<0.005	0.01	0.10	<5	40	0.06	0.03	21.3	0.11	1.34	1.4	2	0.30	3.7
N829376		5.94	0.201	3.26	6.93	157.0	1050	1.76	1.66	1.93	5.16	48.3	6.6	9	23.2	315
N829377		7.22	0.006	0.15	6.73	21.7	1220	1.83	0.13	2.98	0.10	49.0	7.1	10	26.5	10.7
N829378		3.21	<0.005	0.22	7.01	8.6	1860	1.61	0.10	2.68	0.67	43.7	8.1	12	8.39	8.0
N829379		2.61	<0.005	0.07	6.79	7.8	2420	1.52	0.06	2.71	0.11	40.4	7.3	12	14.80	6.8
N829380		1.00	<0.005	0.08	6.75	8.9	2240	1.46	0.09	2.71	0.15	39.6	8.3	11	14.40	12.2
N829381		3.75	0.005	0.12	7.08	23.4	1970	1.45	0.13	2.61	0.14	50.2	8.0	13	13.10	8.0
N829382		4.68	<0.005	3.68	7.13	15.1	1890	1.65	0.08	2.77	0.39	44.9	8.3	12	12.80	12.1
N829383		3.62	<0.005	0.12	6.78	18.9	1860	1.84	0.12	2.71	0.08	40.1	8.7	13	15.05	7.3
N829384		0.23	2.24	25.7	5.83	3340	1270	1.46	21.1	2.15	79.2	44.3	11.0	20	14.20	417
N829385		2.34	0.007	2.55	7.04	113.5	5010	1.60	1.33	2.55	1.29	56.1	8.6	10	21.1	16.4
N829386		4.76	<0.005	6.57	7.22	96.2	1250	1.71	0.24	2.52	0.47	47.6	9.5	11	20.7	24.5
N829387		4.31	<0.005	0.10	6.94	22.0	1800	1.32	0.07	2.89	0.10	41.8	7.3	11	18.75	6.8
N829388		4.64	0.011	0.25	7.13	81.4	1390	1.53	0.07	2.55	0.11	44.0	9.5	11	23.9	7.2
N829389		2.48	0.030	4.13	7.15	175.5	590	1.47	0.66	2.65	0.55	49.7	9.0	10	21.1	22.0
N829390		2.64	<0.005	<0.01	0.10	<5	20	0.07	0.02	21.5	0.07	1.33	1.5	1	0.26	2.4
N829391		2.52	<0.005	0.15	7.03	51.8	1240	1.61	0.12	2.62	0.10	38.5	8.4	10	20.5	5.7
N829392		1.96	<0.005	0.10	7.11	39.1	1620	1.46	0.06	2.16	0.07	40.2	8.1	10	18.85	5.8
N829393		2.30	0.013	0.34	6.91	116.5	5620	1.53	0.09	1.94	0.72	42.8	8.7	9	20.2	13.0
N829394		3.32	0.014	0.58	7.10	49.7	1120	1.55	0.09	2.24	0.85	44.6	7.1	11	20.0	27.0
N829395		2.18	0.006	0.34	6.85	30.1	1070	1.79	0.35	2.63	0.12	40.3	6.8	12	21.2	5.3
N829396		4.24	<0.005	0.07	7.61	5.9	1860	1.48	0.05	2.63	0.05	49.0	7.8	10	13.55	5.3
N829397		5.50	<0.005	0.06	7.35	4.7	1810	1.69	0.04	2.71	0.08	49.2	7.7	12	15.05	5.9
N829398		4.95	<0.005	0.03	7.43	6.1	1930	1.46	0.04	2.40	0.05	43.2	6.9	12	12.90	4.7
N829399		0.25	2.30	26.7	5.71	3300	1600	1.40	20.9	2.09	79.6	44.5	11.2	19	14.45	419
N829400		2.88	0.042	3.43	7.11	87.1	1120	1.29	0.21	2.38	2.40	42.6	8.2	10	17.05	27.7
N829401		5.50	<0.005	0.56	7.25	5.7	1860	1.32	0.06	2.86	0.05	42.3	8.5	13	10.45	5.4
N829402		6.00	<0.005	0.05	6.93	3.0	1920	1.27	0.06	3.63	0.07	37.8	7.1	13	12.65	3.6
N829403		5.75	<0.005	0.04	7.57	1.7	1960	1.32	0.05	3.19	0.08	41.7	7.8	13	11.35	3.4
N829404		<0.02	<0.005	0.04	7.57	2.7	2030	1.22	0.06	3.28	0.09	40.8	8.0	19	11.45	3.6
N829405		6.39	<0.005	0.07	7.34	3.8	2070	1.21	0.07	2.96	0.09	39.6	7.7	13	11.85	3.9
N829406		3.83	<0.005	0.22	6.67	41.5	1630	1.66	0.08	2.40	0.21	40.6	8.1	11	22.4	10.4
N829407		4.10	0.066	3.35	6.63	539	1110	1.38	0.39	2.91	2.94	42.6	9.8	12	17.70	48.4
N829408		6.58	0.014	0.30	6.96	72.5	1860	1.49	0.12	2.70	0.29	44.8	8.1	11	14.10	20.9
N829409		3.83	<0.005	0.08	6.82	5.7	1800	1.58	0.11	2.70	0.09	41.1	6.9	11	15.45	7.5



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Project: Klaza-68/69

**CERTIFICATE OF ANALYSIS WH12147076**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829374		5.86	12.25	0.15	0.7	0.354	2.31	23.4	69.6	0.77	1720	4.57	0.03	5.1	2.2	430
N829375		0.50	0.35	<0.05	<0.1	<0.005	0.04	0.7	1.1	12.75	216	0.24	0.01	0.3	3.8	180
N829376		4.48	15.45	0.10	1.4	0.222	2.78	25.7	38.9	0.90	1360	2.13	0.05	6.6	2.5	540
N829377		2.28	18.25	0.12	3.9	0.032	2.70	23.2	26.1	0.92	605	1.10	0.05	9.3	4.3	690
N829378		3.12	15.90	0.10	1.5	0.055	2.54	21.0	14.5	0.82	1240	0.90	1.87	7.3	2.7	580
N829379		2.94	14.90	0.09	1.3	0.038	2.52	18.9	14.2	0.69	968	0.87	1.63	6.9	2.7	580
N829380		2.95	16.25	0.11	1.4	0.038	2.59	17.9	11.0	0.68	1120	0.85	1.64	7.3	2.7	560
N829381		3.38	15.85	0.12	1.4	0.062	2.94	22.4	27.9	0.84	1820	0.93	1.05	7.3	2.8	580
N829382		3.15	17.00	0.11	1.5	0.058	2.63	21.0	18.7	0.79	1240	1.00	1.75	8.0	3.0	580
N829383		3.09	17.10	0.10	1.6	0.056	2.60	17.7	17.8	0.75	1160	1.05	1.70	8.8	3.1	600
N829384		6.56	14.85	0.12	1.0	1.665	2.48	22.1	23.6	0.88	1820	13.45	0.05	5.7	16.0	430
N829385		3.62	16.55	0.10	1.2	0.079	2.62	29.7	88.7	0.95	2720	1.09	0.27	7.1	2.7	550
N829386		3.24	17.05	0.11	1.3	0.059	2.57	22.3	88.4	0.80	2480	0.88	0.71	7.8	3.2	620
N829387		2.72	16.80	0.08	1.2	0.042	2.49	18.4	90.9	0.61	801	0.84	0.90	7.4	2.5	610
N829388		2.62	17.10	0.08	1.3	0.039	2.35	21.8	70.2	0.86	896	1.86	0.16	7.7	3.2	600
N829389		3.29	16.15	0.10	1.2	0.067	2.68	24.4	105.0	1.02	2850	0.78	0.05	7.1	2.9	580
N829390		0.48	0.40	0.07	<0.1	<0.005	0.03	0.6	1.2	12.85	216	0.22	0.01	0.3	3.7	150
N829391		2.87	16.80	0.11	1.3	0.047	2.73	17.8	74.6	0.76	1260	0.77	0.31	7.6	2.7	600
N829392		3.06	16.25	0.08	1.4	0.036	2.68	18.9	78.4	0.56	818	0.69	0.82	7.2	2.8	600
N829393		3.05	15.80	0.08	1.2	0.068	2.73	21.6	89.6	0.82	2070	0.84	0.07	7.0	3.0	550
N829394		3.16	16.50	0.09	1.4	0.067	2.69	20.6	40.4	0.70	1740	0.63	0.11	7.3	2.4	610
N829395		3.08	16.20	0.10	1.3	0.058	3.09	19.7	26.6	0.83	1640	0.77	0.10	6.9	2.5	570
N829396		3.34	17.35	0.10	1.4	0.036	2.50	23.1	25.0	0.79	666	0.79	0.91	7.8	2.7	620
N829397		3.15	17.55	0.11	1.4	0.041	2.47	22.9	20.3	0.73	699	1.20	1.37	7.9	2.7	610
N829398		2.96	16.85	0.12	1.3	0.038	2.58	19.6	24.0	0.64	632	0.87	1.01	7.7	2.6	610
N829399		6.37	14.95	0.11	1.0	1.660	2.49	23.0	24.2	0.86	1760	13.95	0.05	5.7	16.5	420
N829400		3.33	15.85	0.10	1.4	0.063	2.88	20.4	47.2	0.73	2870	0.70	0.36	7.2	2.8	570
N829401		3.19	15.55	0.06	1.3	0.036	2.61	19.7	14.3	0.86	995	1.25	1.66	8.4	2.8	670
N829402		2.99	15.25	<0.05	1.3	0.041	2.70	17.6	20.3	0.75	1040	1.11	1.48	8.1	2.9	620
N829403		3.21	15.35	0.05	1.1	0.044	2.54	20.0	8.6	0.85	978	0.76	1.87	7.9	3.0	670
N829404		3.32	15.55	0.05	1.2	0.046	2.60	19.1	8.6	0.84	1000	0.89	1.92	8.1	3.2	680
N829405		3.19	15.15	0.05	1.1	0.040	2.65	18.9	7.6	0.84	929	0.89	1.94	7.9	2.9	660
N829406		2.89	16.35	0.10	1.1	0.043	2.92	18.5	33.9	0.62	2080	0.84	0.97	7.1	2.9	570
N829407		3.74	15.10	0.09	1.1	0.073	2.58	21.3	73.0	0.95	3680	0.95	0.04	6.6	3.1	560
N829408		3.13	16.55	0.08	1.3	0.058	2.70	20.1	15.7	0.79	1920	0.75	1.42	7.2	2.7	590
N829409		2.77	15.65	0.09	1.4	0.037	2.67	19.3	10.8	0.68	749	0.72	1.63	6.8	2.7	560



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**CERTIFICATE OF ANALYSIS WH12147076**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829374		1190	130.0	<0.002	2.28	74.8	7.9	1	5.2	80.8	0.48	0.08	11.8	0.181	2.26	5.3
N829375		2.2	1.9	<0.002	0.01	0.26	0.3	1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N829376		85.1	148.5	<0.002	1.25	19.15	8.6	<1	5.1	143.0	0.60	0.07	12.8	0.217	2.60	5.0
N829377		17.5	109.5	0.003	0.23	7.85	7.7	<1	1.9	291	0.74	<0.05	8.7	0.270	2.43	4.9
N829378		41.4	106.0	<0.002	0.09	4.14	10.8	1	1.9	341	0.62	<0.05	13.2	0.253	1.29	3.7
N829379		20.0	100.5	0.002	0.11	5.86	10.1	<1	1.6	327	0.59	<0.05	12.0	0.249	1.32	4.1
N829380		21.1	105.0	<0.002	0.15	6.97	10.2	1	2.5	320	0.64	<0.05	11.3	0.249	1.44	4.1
N829381		28.6	144.5	<0.002	0.31	8.61	11.4	1	2.1	236	0.66	<0.05	12.9	0.255	2.02	4.9
N829382		30.7	118.0	<0.002	0.11	11.70	11.4	1	2.0	330	0.69	<0.05	12.5	0.257	1.53	4.7
N829383		20.4	109.5	0.002	0.07	7.35	11.1	<1	2.1	332	0.92	<0.05	10.1	0.259	1.39	4.4
N829384		2680	160.5	0.002	4.75	91.3	8.3	1	8.2	88.5	0.45	0.43	10.3	0.169	2.52	5.4
N829385		433	154.0	0.003	0.43	79.4	12.0	1	2.1	153.5	0.69	<0.05	13.0	0.243	2.52	6.0
N829386		448	118.0	<0.002	0.28	113.5	12.2	1	2.1	208	0.63	<0.05	11.7	0.270	2.68	5.2
N829387		22.5	96.7	<0.002	0.07	12.60	11.3	<1	1.6	275	0.62	<0.05	10.7	0.261	1.73	3.9
N829388		27.7	101.5	<0.002	0.25	27.7	10.0	1	1.7	167.0	0.58	<0.05	12.1	0.261	3.65	5.7
N829389		1160	132.5	<0.002	0.43	132.5	11.1	1	2.0	119.5	0.61	<0.05	12.9	0.248	3.68	6.2
N829390		1.6	1.7	<0.002	0.01	1.21	0.2	1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N829391		20.6	106.0	<0.002	0.24	20.2	11.0	<1	1.8	182.0	0.65	<0.05	11.1	0.263	3.06	5.5
N829392		24.4	97.0	<0.002	0.19	13.10	11.2	1	1.6	226	0.61	<0.05	12.3	0.261	2.92	5.3
N829393		34.8	138.0	<0.002	0.52	21.5	10.0	1	1.9	137.5	0.61	<0.05	11.7	0.243	3.55	7.5
N829394		47.8	135.5	0.002	0.44	26.2	11.5	1	2.1	110.5	0.61	<0.05	11.4	0.260	2.31	5.4
N829395		26.7	156.5	<0.002	0.33	35.2	10.6	1	1.7	102.5	0.55	<0.05	10.3	0.246	2.17	10.0
N829396		17.6	101.0	<0.002	0.02	4.97	12.6	1	1.8	256	0.64	<0.05	12.8	0.279	1.18	3.0
N829397		20.4	107.5	<0.002	0.02	4.91	12.4	1	1.8	304	0.66	<0.05	12.7	0.265	1.09	3.4
N829398		19.3	101.5	0.002	0.02	6.28	11.7	<1	1.8	245	0.64	<0.05	11.7	0.266	1.17	2.6
N829399		2590	159.0	<0.002	4.65	92.3	8.5	2	8.6	90.0	0.46	0.40	10.3	0.170	2.46	5.4
N829400		1040	125.5	<0.002	0.72	36.0	10.7	1	2.0	136.0	0.62	<0.05	12.3	0.249	2.49	5.9
N829401		17.1	92.0	<0.002	0.10	3.39	10.0	1	1.6	297	0.74	<0.05	10.2	0.276	1.35	3.5
N829402		19.0	88.5	<0.002	0.07	3.67	9.5	1	1.4	285	0.70	<0.05	9.1	0.268	1.20	3.7
N829403		17.9	88.8	<0.002	0.03	2.44	10.7	1	1.5	345	0.60	<0.05	9.7	0.289	1.15	2.6
N829404		17.9	84.9	<0.002	0.03	2.48	10.8	1	1.5	355	0.60	<0.05	9.2	0.282	1.17	2.9
N829405		19.8	84.5	<0.002	0.04	2.17	10.3	1	1.4	354	0.61	<0.05	9.4	0.274	1.18	2.4
N829406		20.9	138.5	<0.002	0.25	11.40	10.9	<1	1.8	230	0.56	<0.05	10.0	0.254	1.96	4.2
N829407		744	143.0	<0.002	1.34	84.9	10.7	1	3.1	118.5	0.55	0.05	11.3	0.239	2.86	5.3
N829408		37.6	116.0	0.002	0.16	9.01	10.9	1	2.2	312	0.58	<0.05	10.6	0.256	1.58	3.5
N829409		20.3	105.5	<0.002	0.02	4.52	9.8	1	1.8	320	0.62	<0.05	11.0	0.240	1.26	3.5



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**CERTIFICATE OF ANALYSIS WH12147076**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N829374		52	6.6	9.0	2620	18.4
N829375		4	0.2	0.8	21	0.6
N829376		63	5.9	10.9	420	40.5
N829377		69	3.9	13.3	56	132.0
N829378		77	2.3	15.2	142	35.4
N829379		73	1.4	13.2	64	31.5
N829380		74	1.6	13.1	66	34.2
N829381		77	2.3	14.9	75	33.1
N829382		77	1.9	15.8	123	35.3
N829383		78	2.0	15.3	55	37.2
N829384		57	5.2	9.5	5130	25.7
N829385		75	2.6	15.0	185	29.2
N829386		81	2.2	14.9	103	33.9
N829387		78	1.8	13.0	54	30.7
N829388		76	3.3	13.0	58	32.3
N829389		76	3.4	13.9	111	30.0
N829390		4	0.1	0.8	18	<0.5
N829391		79	1.5	14.1	64	32.2
N829392		77	0.8	12.0	52	32.1
N829393		72	3.4	11.8	137	30.1
N829394		75	2.5	13.0	153	34.9
N829395		73	2.0	11.9	64	31.0
N829396		83	1.5	15.1	52	35.0
N829397		80	1.3	15.5	58	33.9
N829398		78	1.9	14.5	47	31.7
N829399		56	5.2	9.6	4960	26.1
N829400		74	2.3	14.0	226	28.9
N829401		83	3.8	15.7	56	31.9
N829402		78	1.5	13.5	53	32.3
N829403		85	0.9	15.0	66	28.0
N829404		85	1.0	14.8	67	30.1
N829405		83	1.0	14.4	62	27.2
N829406		76	2.8	13.3	72	26.7
N829407		71	4.0	12.9	372	25.7
N829408		76	2.2	13.4	83	29.5
N829409		76	1.9	11.9	49	32.7



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**CERTIFICATE OF ANALYSIS WH12147076**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12147077**

Project: Klaza-70

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12147077**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828424		8.87	0.139	3.14	7.49	168.5	1940	1.78	1.89	0.58	10.15	54.6	6.7	9	22.3	97.1
N828425		11.16	0.213	7.51	7.02	395	1490	1.52	4.93	0.16	8.16	50.9	5.0	11	9.45	155.5
N828426		9.95	0.005	0.82	7.93	160.5	2760	1.32	0.60	0.16	3.24	34.5	4.3	9	9.74	167.5
N828427		9.41	<0.005	0.18	7.80	13.2	2410	1.65	0.20	0.81	1.38	58.9	8.6	9	11.05	70.0
N828428		10.15	<0.005	0.22	8.24	19.9	2320	1.78	0.25	1.35	3.58	63.7	6.7	9	17.55	20.3
N828429		8.93	<0.005	0.12	7.78	16.5	2660	1.38	0.28	1.35	2.45	44.7	6.6	9	16.65	4.8
N828430		10.65	0.006	0.18	7.33	20.3	2270	1.55	0.46	2.10	1.07	51.9	5.3	9	14.95	9.5
N828431		10.44	0.007	0.12	6.99	16.9	2360	1.57	0.33	2.78	0.69	44.2	3.9	9	15.95	6.0
N828432		10.89	0.007	0.16	7.65	32.9	2060	1.40	0.28	1.20	1.71	48.5	5.6	9	19.80	6.9
N828433		3.80	0.014	0.32	7.77	153.5	1990	1.30	0.27	0.74	3.02	50.9	6.6	9	19.60	11.2
N828434		0.24	2.32	23.9	5.72	3120	1030	1.26	19.05	2.15	75.5	44.3	10.1	18	13.70	400
N828435		3.76	0.065	2.75	7.62	377	1150	1.61	1.98	0.32	35.0	55.7	6.8	9	19.75	26.0
N828436		7.47	0.006	0.20	7.96	82.0	2630	1.56	0.31	1.62	1.78	52.1	8.3	10	14.45	11.6
N828437		3.57	0.973	7.89	7.37	4910	720	1.43	10.20	0.88	18.30	52.3	8.5	10	14.50	76.3
N828438		3.27	0.554	2.31	7.67	1195	1170	1.73	1.37	0.95	39.6	58.0	8.5	10	20.2	70.7
N828439		8.23	0.005	0.09	7.19	71.4	2320	1.59	0.18	2.26	2.41	43.8	7.3	10	14.40	13.9
N828440		9.68	0.011	0.20	7.47	61.6	2150	1.68	0.22	2.22	1.23	48.6	6.8	11	16.95	8.5
N828441		8.18	<0.005	0.11	7.39	12.3	2340	1.65	0.21	2.35	0.14	49.8	6.6	11	12.60	3.7
N828442		3.65	0.005	0.14	7.17	12.0	2140	1.43	0.21	2.44	0.15	45.8	6.1	9	12.20	8.4
N828443		9.31	<0.005	0.10	7.16	14.0	2400	1.48	0.30	2.68	0.14	42.6	6.6	14	10.10	4.5
N828444		3.31	<0.005	0.12	6.77	19.8	2120	1.41	0.30	2.74	0.12	39.8	6.0	13	17.90	8.0
N828445		2.21	<0.005	0.01	0.08	<5	20	0.06	0.06	20.8	0.05	1.05	0.6	2	0.17	1.0
N828446		5.04	<0.005	0.06	7.21	10.5	2380	1.26	0.15	2.63	0.08	48.6	6.3	14	15.20	6.3
N828447		2.52	<0.005	0.05	7.38	10.3	2340	1.38	0.14	2.61	0.10	52.6	6.1	14	15.25	5.9
N828448		3.47	0.514	5.30	6.64	264	580	1.69	6.43	2.85	8.15	48.1	8.1	10	23.1	161.0
N828449		10.05	<0.005	0.11	7.43	30.3	1350	2.00	0.15	1.80	0.12	68.4	6.2	24	16.20	9.6
N828450		5.61	0.011	0.27	6.07	41.2	1190	1.68	0.25	1.06	1.47	62.7	6.9	20	18.25	16.4
N828451		0.23	0.589	9.10	6.57	1800	950	1.45	6.57	1.91	39.5	43.9	15.8	20	15.30	100.0
N828452		3.27	0.025	0.60	6.45	68.7	1030	1.70	0.40	1.00	4.47	56.2	5.3	13	23.2	14.3
N828453		11.13	0.006	0.19	7.22	28.5	2070	1.41	0.33	1.57	1.28	51.4	5.2	10	22.1	7.2
N828454		<0.02	0.008	0.18	7.32	29.0	2170	1.47	0.33	1.58	1.45	57.4	5.6	11	23.6	7.6
N828455		6.95	0.009	0.28	6.90	42.3	3900	1.58	0.43	1.66	2.61	52.7	5.1	11	21.4	8.3
N828456		8.75	0.269	1.13	6.60	137.5	1330	1.53	0.84	2.16	20.3	52.5	4.5	12	24.2	24.8
N828457		3.32	<0.005	0.01	0.12	9	30	0.07	0.03	20.0	0.08	1.33	0.6	6	0.39	1.2
N828458		6.56	0.036	0.45	6.61	78.8	4630	1.76	0.55	1.97	1.46	48.8	5.0	14	26.0	8.2
N828459		3.33	0.037	0.31	6.30	59.7	4610	1.23	0.39	4.48	0.70	47.6	4.0	9	19.90	10.6





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**CERTIFICATE OF ANALYSIS WH12147077**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828424		3.47	17.10	0.10	1.3	0.224	3.02	28.1	34.9	0.27	527	5.09	0.85	7.8	2.8	510
N828425		5.25	15.20	0.16	0.9	0.566	3.24	25.8	10.0	0.28	535	4.04	0.05	5.0	3.0	500
N828426		4.45	15.60	0.15	1.0	0.375	3.03	17.4	21.8	0.29	314	3.26	0.09	5.9	1.6	640
N828427		3.55	16.15	0.16	1.2	0.071	2.81	24.7	19.4	0.73	424	2.78	1.49	7.8	2.8	600
N828428		3.32	16.35	0.17	1.2	0.043	2.89	35.9	25.4	0.69	664	2.90	1.03	7.8	2.7	650
N828429		3.29	15.05	0.18	1.1	0.054	2.84	21.0	24.4	0.50	603	1.71	0.57	7.1	2.3	610
N828430		3.34	15.00	0.17	1.1	0.072	2.80	23.7	29.8	0.66	795	4.45	0.67	6.9	2.4	570
N828431		2.93	15.35	0.18	1.1	0.044	2.85	22.0	40.1	0.61	650	2.14	0.98	6.8	2.0	550
N828432		3.01	16.35	0.19	1.2	0.045	1.95	23.8	78.5	0.32	620	2.96	0.05	7.7	2.6	620
N828433		3.22	16.65	0.18	1.1	0.109	2.82	24.4	42.6	0.35	1020	1.74	0.08	7.5	2.2	610
N828434		6.59	13.30	0.17	0.9	1.440	2.40	21.6	22.3	0.89	1800	12.45	0.04	5.4	14.3	410
N828435		5.70	16.30	0.16	1.0	0.626	3.12	28.3	16.0	0.37	1070	3.42	0.05	6.9	2.0	550
N828436		3.27	16.65	0.18	1.1	0.050	3.18	23.7	21.5	0.61	781	2.77	0.69	7.7	2.7	620
N828437		5.27	15.95	0.15	1.0	0.277	2.89	26.4	41.9	0.46	1120	3.29	0.06	6.6	2.2	530
N828438		4.70	17.00	0.17	1.1	0.421	3.30	30.4	27.7	0.51	1580	3.76	0.08	7.1	2.8	590
N828439		3.07	15.55	0.16	1.0	0.043	2.91	19.0	18.5	0.64	571	5.27	1.48	7.4	2.6	560
N828440		3.06	15.90	0.15	1.1	0.058	2.91	23.6	17.2	0.66	603	4.26	1.33	7.6	2.6	560
N828441		2.90	17.10	0.18	1.2	0.032	2.80	23.3	20.1	0.71	452	5.55	1.95	7.9	2.5	560
N828442		3.23	16.00	0.14	1.1	0.041	2.57	20.3	27.0	0.67	764	3.84	0.59	7.9	2.3	630
N828443		3.04	14.85	0.16	1.0	0.044	2.75	20.0	14.7	0.73	576	4.23	2.05	6.9	2.2	580
N828444		2.98	15.85	0.15	1.0	0.056	2.78	17.8	22.1	0.65	549	3.43	1.88	7.2	2.4	540
N828445		0.47	0.21	0.14	<0.1	0.009	0.03	0.5	1.0	12.90	202	0.07	0.01	0.2	1.5	160
N828446		2.87	15.90	0.18	1.0	0.036	2.73	21.7	14.0	0.70	442	2.81	2.26	7.2	2.4	560
N828447		2.89	15.65	0.19	0.9	0.034	2.69	24.6	13.2	0.74	445	2.63	2.23	7.2	2.4	580
N828448		4.43	14.95	0.16	1.4	0.173	2.81	22.8	66.4	0.97	2370	5.51	0.11	7.0	4.0	590
N828449		2.52	18.00	0.17	4.9	0.026	2.37	35.5	104.5	0.82	599	0.78	0.05	9.8	7.7	1180
N828450		1.94	15.00	0.17	3.5	0.060	1.72	34.0	109.0	0.35	586	15.10	0.04	8.1	5.6	720
N828451		5.32	14.25	0.16	1.4	0.767	2.75	20.9	23.0	0.70	1940	11.75	0.26	6.6	14.4	490
N828452		2.55	14.45	0.16	1.9	0.092	1.94	29.1	76.5	0.47	787	14.65	0.04	6.8	3.3	560
N828453		2.97	15.40	0.15	1.4	0.059	2.09	26.0	65.5	0.59	936	2.94	0.04	6.7	2.2	570
N828454		3.01	15.30	0.17	1.5	0.062	2.27	30.9	70.5	0.60	953	2.51	0.04	7.2	2.4	570
N828455		2.81	15.65	0.16	1.3	0.132	2.31	26.7	105.0	0.59	900	3.52	0.05	6.7	2.6	510
N828456		3.93	14.30	0.17	1.0	1.035	2.76	26.2	16.7	0.87	2660	13.00	0.04	5.6	2.6	480
N828457		0.47	0.32	0.14	<0.1	0.009	0.04	0.7	1.5	12.35	205	0.12	0.01	0.3	1.6	170
N828458		2.90	14.95	0.17	1.5	0.120	2.58	24.2	37.4	0.73	1220	5.80	0.05	6.4	3.1	570
N828459		3.10	12.35	0.16	0.9	0.047	2.45	23.2	49.6	1.75	2660	5.25	0.06	5.5	1.9	460



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**CERTIFICATE OF ANALYSIS WH12147077**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828424		364	164.5	<0.002	0.09	16.80	10.7	1	5.3	144.0	0.60	0.10	12.8	0.250	2.24	4.4
N828425		895	217	<0.002	0.95	14.20	10.0	2	6.6	17.6	0.42	0.52	13.2	0.179	2.74	6.5
N828426		151.5	136.0	<0.002	0.10	10.90	9.0	1	2.8	47.9	0.49	0.13	14.9	0.210	1.67	5.8
N828427		20.9	116.0	<0.002	0.01	4.24	11.6	1	2.2	210	0.65	<0.05	15.6	0.269	1.06	4.8
N828428		72.5	119.5	<0.002	0.06	6.50	11.0	2	2.2	198.5	0.66	<0.05	15.3	0.269	1.31	3.8
N828429		18.3	104.5	<0.002	0.08	12.75	10.0	2	2.1	133.5	0.60	<0.05	12.7	0.261	1.33	3.3
N828430		29.3	101.5	0.002	0.28	11.65	9.7	1	2.3	155.0	0.62	<0.05	11.5	0.235	1.45	4.5
N828431		15.9	99.1	<0.002	0.27	6.52	9.5	<1	2.3	204	0.55	0.05	11.3	0.225	1.45	4.9
N828432		19.5	89.6	<0.002	0.21	35.3	10.4	1	2.0	167.0	0.62	<0.05	12.6	0.258	1.22	4.6
N828433		81.6	134.5	<0.002	0.25	21.1	10.7	1	2.0	88.0	0.64	<0.05	13.9	0.262	1.72	2.5
N828434		2660	162.0	0.002	4.59	90.5	7.7	1	7.5	91.7	0.42	0.40	10.4	0.167	2.22	5.3
N828435		700	180.5	<0.002	1.94	16.45	10.4	1	5.2	54.3	0.58	0.16	14.5	0.242	3.12	4.6
N828436		35.2	140.5	<0.002	0.24	10.00	10.9	1	1.9	169.0	0.67	0.06	13.5	0.268	1.76	2.6
N828437		485	168.0	<0.002	3.05	30.5	9.9	3	4.0	97.2	0.54	3.40	14.0	0.228	2.27	2.4
N828438		552	222	<0.002	1.94	15.00	10.5	<1	4.6	76.1	0.57	0.05	15.0	0.238	2.88	3.1
N828439		24.5	113.5	<0.002	0.11	4.01	9.6	1	1.6	286	0.59	<0.05	11.6	0.249	1.48	2.7
N828440		56.3	123.0	<0.002	0.18	5.14	9.8	1	1.8	240	0.59	<0.05	13.1	0.246	1.53	3.1
N828441		16.3	114.5	<0.002	0.11	4.15	10.4	1	1.7	331	0.62	0.05	12.7	0.250	1.13	3.7
N828442		17.0	85.4	<0.002	0.11	7.16	10.5	1	2.1	146.0	0.58	<0.05	11.6	0.264	1.12	4.2
N828443		14.4	95.5	<0.002	0.22	2.72	9.1	1	1.5	339	0.57	<0.05	10.9	0.245	1.23	3.3
N828444		15.4	96.5	<0.002	0.23	3.06	8.9	1	1.6	317	0.54	0.06	9.8	0.242	1.29	3.1
N828445		<0.5	1.3	<0.002	0.01	0.06	0.2	<1	0.2	43.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N828446		14.9	97.0	<0.002	0.04	1.38	9.4	1	1.6	380	0.55	<0.05	12.4	0.251	1.17	2.9
N828447		14.1	106.5	<0.002	0.04	1.39	9.8	1	1.7	373	0.53	<0.05	13.2	0.250	1.09	2.8
N828448		328	117.5	<0.002	2.35	27.5	8.7	1	3.2	206	0.53	0.18	10.8	0.241	2.20	4.1
N828449		11.2	82.3	<0.002	0.06	15.95	5.5	<1	1.5	545	0.72	<0.05	11.1	0.327	1.14	5.0
N828450		50.0	80.7	<0.002	0.12	57.2	4.9	1	1.7	535	0.54	<0.05	10.5	0.265	1.01	7.1
N828451		1305	160.0	0.002	3.05	31.1	8.4	1	5.6	146.5	0.59	0.24	11.7	0.204	2.39	5.1
N828452		163.0	116.0	0.002	0.40	55.0	7.8	1	2.0	315	0.53	<0.05	12.7	0.219	1.72	5.9
N828453		33.7	97.9	<0.002	0.35	23.5	9.4	1	2.0	163.5	0.64	0.05	14.6	0.219	1.82	4.6
N828454		31.5	105.0	<0.002	0.37	24.7	9.9	1	2.0	167.0	0.63	<0.05	14.9	0.237	1.84	4.3
N828455		25.2	103.0	<0.002	0.60	25.8	9.7	<1	2.2	135.0	0.62	<0.05	14.6	0.216	1.85	5.1
N828456		122.0	151.5	<0.002	1.40	23.6	9.2	1	3.0	75.1	0.47	0.05	13.1	0.194	2.47	6.7
N828457		0.5	2.3	<0.002	0.01	0.08	0.3	<1	0.2	41.8	<0.05	0.06	<0.2	0.005	<0.02	0.4
N828458		36.9	99.6	<0.002	0.61	18.40	9.2	2	2.1	295	0.51	0.08	12.2	0.215	1.86	4.8
N828459		50.2	116.5	<0.002	0.66	14.85	8.2	1	1.5	138.5	0.46	0.05	12.1	0.194	1.82	4.7



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 Account: ROCKHA

Project: Klaza-70

**CERTIFICATE OF ANALYSIS WH12147077**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828424		73	4.6	14.2	757	32.7
N828425		63	4.1	7.0	725	21.8
N828426		67	2.4	8.3	572	24.0
N828427		71	2.2	12.5	322	26.4
N828428		71	2.3	18.0	325	27.7
N828429		70	3.0	14.6	229	27.1
N828430		67	2.6	14.0	152	26.3
N828431		64	1.8	13.6	85	27.9
N828432		67	5.2	13.1	221	29.0
N828433		70	4.8	13.5	424	27.2
N828434		51	4.7	9.3	5030	23.1
N828435		66	4.8	10.2	2350	26.0
N828436		72	3.6	14.7	398	25.6
N828437		61	3.8	12.7	1580	22.6
N828438		64	5.0	12.1	1910	23.7
N828439		67	2.1	13.5	533	24.3
N828440		64	3.3	14.1	194	27.4
N828441		66	2.7	14.4	50	28.0
N828442		72	2.8	15.2	50	25.8
N828443		68	2.5	13.3	53	22.9
N828444		65	2.4	12.5	44	25.5
N828445		2	0.1	0.7	18	<0.5
N828446		65	2.4	13.6	37	25.0
N828447		65	3.0	14.5	36	23.5
N828448		61	4.1	11.9	679	44.7
N828449		55	2.7	9.6	96	177.0
N828450		46	5.8	13.0	197	127.0
N828451		56	5.0	10.5	2940	34.1
N828452		54	3.9	12.6	392	66.4
N828453		60	5.1	13.0	147	36.2
N828454		64	5.2	13.7	167	37.1
N828455		63	3.5	12.1	257	33.2
N828456		61	3.5	11.6	1400	25.2
N828457		2	0.1	0.8	19	<0.5
N828458		65	4.4	11.5	242	47.8
N828459		55	3.5	12.5	134	23.0



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**CERTIFICATE OF ANALYSIS WH12147077**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12147078**

Project: Klaza-70

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12147078**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828460		3.63	<0.005	0.18	6.86	15.0	2060	1.74	0.28	1.95	0.46	49.0	4.4	9	10.30	2.4
N828461		3.96	<0.005	0.13	7.61	13.0	2150	1.48	0.25	1.70	0.65	46.2	4.9	8	11.70	4.8
N828462		3.41	<0.005	0.14	7.54	9.8	2200	1.42	0.21	2.06	0.12	48.8	5.5	9	15.90	3.0
N828463		3.70	<0.005	0.14	7.65	17.7	1490	1.51	0.33	1.73	0.26	49.5	4.5	9	12.40	8.5
N828464		3.85	0.010	0.41	7.32	35.2	2600	1.61	0.79	1.96	0.38	51.3	5.2	8	11.40	30.8
N828465		2.77	<0.005	<0.01	0.08	<5	30	0.06	0.02	21.0	0.05	1.02	1.3	1	0.32	1.6
N828466		8.13	0.008	0.21	7.36	39.6	1430	1.44	0.26	2.20	0.25	49.3	4.0	8	17.10	5.5
N828467		10.35	<0.005	0.14	7.12	20.2	1610	1.34	0.18	2.05	0.13	44.1	3.6	9	12.75	2.0
N828468		3.65	<0.005	0.13	6.15	8.2	2020	1.17	0.15	2.78	0.14	37.6	3.7	8	10.20	2.5
N828469		10.39	<0.005	0.16	7.47	13.6	2340	1.22	0.21	2.00	0.14	68.8	3.8	9	11.25	2.4
N828470		<0.02	<0.005	0.14	7.44	14.5	2240	1.21	0.17	1.96	0.12	64.6	4.0	9	11.05	1.8
N828471		5.58	<0.005	0.14	7.71	22.2	1110	1.09	0.15	0.91	0.13	60.0	3.9	14	15.30	2.6
N828472		6.60	<0.005	0.12	7.90	20.4	1810	1.21	0.14	1.50	0.18	60.1	3.9	8	14.20	2.4
N828473		3.79	<0.005	0.14	7.36	24.6	2070	1.50	0.11	1.62	0.19	49.2	4.8	8	13.90	2.2
N828474		7.13	<0.005	0.22	7.96	19.1	1870	1.33	0.27	1.86	0.76	55.0	3.5	9	14.10	5.0
N828475		3.91	0.009	0.40	7.71	24.6	1320	1.40	0.44	1.62	1.13	64.4	3.2	8	16.50	22.7
N828476		0.22	2.24	24.9	5.99	3560	530	1.32	19.60	2.24	77.3	40.4	10.8	19	13.20	442
N828477		3.89	0.048	1.17	7.07	48.1	2090	1.37	1.44	1.63	11.45	66.7	3.4	8	9.18	34.0
N828478		6.18	<0.005	0.14	7.04	9.4	1850	1.29	0.17	2.50	0.28	47.6	3.1	8	10.35	1.4
N828479		3.72	<0.005	0.13	6.74	8.7	1600	1.56	0.15	3.13	0.22	40.0	4.2	8	14.65	2.6
N828480		1.76	<0.005	0.12	7.07	6.9	1700	1.51	0.13	3.25	0.09	43.0	4.1	9	13.55	2.3
N828481		3.55	<0.005	0.38	7.77	124.0	1610	1.53	0.34	1.88	2.91	50.9	4.1	10	16.70	4.9
N828482		5.25	0.559	14.30	5.41	763	410	1.21	5.39	1.04	29.2	39.6	5.5	8	7.49	162.0
N828483		2.89	0.005	0.02	0.07	<5	20	0.05	0.04	22.0	0.13	1.15	1.3	1	0.17	2.0
N828484		9.32	0.307	6.91	5.19	407	730	1.14	4.53	0.81	16.90	36.9	3.1	7	18.05	658
N828485		3.04	0.151	1.03	7.12	559	670	1.21	0.94	2.55	7.13	51.0	3.9	6	14.80	18.1
N828486		3.89	0.061	1.76	7.25	156.5	990	1.29	0.30	2.73	21.9	34.3	2.9	8	8.99	9.9
N828487		5.29	0.025	0.33	7.13	70.7	1040	1.41	0.27	2.71	1.50	34.4	1.8	8	10.00	3.4
N828488		7.08	0.070	0.95	6.68	428	1030	1.27	0.33	2.37	6.12	28.7	2.0	8	9.15	6.5
N828489		0.23	2.79	>100	5.48	8240	1290	1.03	64.1	1.95	225	33.9	8.6	18	10.85	1270
N828490		5.97	0.471	5.52	6.57	797	710	1.38	8.46	1.98	4.50	42.3	3.9	7	10.15	80.7
N828491		5.86	0.287	2.14	6.78	318	730	1.32	2.64	0.77	17.20	42.5	3.0	10	7.56	28.9
N828492		4.85	0.098	1.69	7.21	267	1100	1.18	1.86	1.98	9.19	43.3	2.7	8	10.85	37.1
N828493		3.93	0.293	2.92	6.20	1005	1240	1.24	3.54	2.34	21.4	44.3	3.0	8	9.23	96.9
N828494		6.22	0.022	0.67	7.21	127.5	1110	1.47	0.61	3.10	2.67	58.1	4.6	9	9.98	4.9
N828495		3.79	0.665	4.74	6.70	663	610	1.29	7.03	1.24	3.59	49.2	3.7	10	9.72	31.1



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Project: Klaza-70

**CERTIFICATE OF ANALYSIS WH12147078**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828460		2.07	16.85	0.08	1.0	0.058	2.68	26.3	43.5	0.75	652	1.66	0.11	4.7	2.4	540
N828461		2.87	17.05	0.14	1.1	0.089	3.02	23.8	27.7	0.62	880	0.75	0.22	6.6	2.6	590
N828462		2.94	15.80	0.18	1.2	0.039	2.90	25.8	20.2	0.58	482	0.98	1.13	7.6	2.2	570
N828463		3.02	16.75	0.14	1.2	0.056	1.53	26.0	197.5	0.63	935	0.92	0.03	8.0	2.1	620
N828464		2.94	16.80	0.17	1.0	0.149	3.24	28.7	16.1	0.78	1050	2.21	0.05	5.6	2.4	580
N828465		0.47	0.36	0.22	<0.1	0.005	0.03	0.5	1.1	12.30	211	0.08	<0.01	0.4	0.4	160
N828466		2.90	15.60	0.14	1.1	0.035	2.42	26.9	73.2	0.79	1090	1.47	0.05	6.8	2.2	550
N828467		2.48	15.50	0.13	1.1	0.029	2.37	22.1	73.6	0.72	695	0.85	0.27	5.8	2.1	590
N828468		2.39	14.60	0.14	0.9	0.033	2.28	19.2	12.9	0.69	606	0.40	1.55	6.2	2.0	490
N828469		2.63	16.35	0.15	1.3	0.033	2.51	38.6	45.2	0.63	678	1.04	0.80	7.5	2.4	580
N828470		2.68	16.85	0.16	1.2	0.035	2.41	36.0	48.5	0.61	692	0.99	0.73	7.4	2.5	590
N828471		2.57	15.60	0.11	1.3	0.039	1.28	33.5	131.0	0.36	801	2.11	0.03	8.1	2.3	610
N828472		2.84	16.60	0.13	1.3	0.041	1.52	32.4	138.5	0.57	844	0.84	0.04	7.9	2.2	620
N828473		2.61	16.30	0.13	1.1	0.033	2.15	25.7	125.0	0.61	835	2.03	0.05	6.8	2.9	570
N828474		2.71	16.55	0.14	1.2	0.049	2.34	29.3	86.1	0.69	832	0.80	0.05	7.5	2.7	610
N828475		2.97	16.45	0.15	1.1	0.062	2.22	36.4	97.4	0.70	898	0.72	0.06	6.9	2.5	580
N828476		6.67	14.70	0.19	0.8	1.640	2.64	21.7	22.8	0.91	1940	13.20	0.04	6.0	15.2	450
N828477		4.17	16.90	0.19	0.9	0.254	3.04	38.5	32.2	0.85	1690	1.58	0.07	5.3	2.4	540
N828478		2.08	15.95	0.14	1.1	0.042	2.60	23.7	62.5	0.81	739	0.82	0.40	6.1	2.6	550
N828479		2.95	16.70	0.15	1.3	0.048	2.18	18.5	11.3	0.76	586	0.86	1.79	7.5	2.7	650
N828480		2.89	16.55	0.15	1.2	0.047	2.24	20.9	10.6	0.78	600	1.03	1.92	7.5	2.6	650
N828481		3.66	16.70	0.15	1.2	0.194	2.64	26.5	42.0	0.59	923	1.31	0.35	7.6	3.2	590
N828482		5.54	14.10	0.15	0.8	0.677	2.52	21.7	15.2	0.49	1360	1.65	0.03	4.5	2.6	360
N828483		0.48	0.34	0.22	<0.1	0.005	0.02	0.6	0.9	12.90	220	0.06	<0.01	0.4	0.6	180
N828484		4.89	12.75	0.11	0.7	0.419	2.16	19.7	31.5	0.41	1810	12.55	0.04	4.4	2.2	330
N828485		3.60	14.95	0.13	1.0	0.189	2.58	27.5	32.7	0.96	2540	2.76	0.04	6.2	2.2	510
N828486		2.31	16.35	0.11	0.9	0.176	2.77	13.8	20.4	0.93	2140	2.53	0.17	5.9	2.6	520
N828487		1.70	16.45	0.11	0.9	0.088	2.71	12.9	17.6	0.94	2090	0.75	0.20	5.9	2.1	520
N828488		2.42	15.50	0.12	0.8	0.179	2.76	11.5	10.0	0.87	2080	1.20	0.11	5.2	2.5	470
N828489		8.05	12.75	0.16	1.0	4.68	2.29	17.4	29.0	0.63	3040	15.80	0.08	5.6	12.8	460
N828490		5.62	15.70	0.14	0.9	0.148	2.63	21.4	24.9	0.72	1950	1.02	0.04	6.1	1.8	480
N828491		4.89	16.40	0.15	0.8	0.756	3.09	20.6	5.8	0.50	1770	3.12	0.05	5.3	1.9	530
N828492		4.70	15.70	0.14	0.9	0.317	3.16	18.4	7.5	0.82	3270	2.55	0.07	5.6	2.1	550
N828493		5.80	15.10	0.17	0.7	0.545	2.77	22.5	15.2	0.89	3320	3.99	0.05	4.5	2.4	480
N828494		3.07	16.90	0.15	0.9	0.105	2.37	29.5	27.2	0.74	1400	0.43	0.73	7.0	2.6	580
N828495		6.85	15.50	0.17	0.9	0.152	3.02	26.1	7.0	0.62	2770	1.76	0.03	6.3	2.7	530



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**CERTIFICATE OF ANALYSIS WH12147078**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828460		25.4	125.0	0.002	0.26	11.95	9.7	1	1.8	73.1	0.40	<0.05	14.4	0.149	1.72	6.5
N828461		20.1	105.0	<0.002	0.21	13.40	10.5	1	1.8	87.5	0.55	<0.05	14.2	0.208	1.76	4.7
N828462		18.2	101.0	<0.002	0.16	7.23	10.0	1	1.6	221	0.65	<0.05	14.1	0.234	1.43	3.9
N828463		11.0	56.3	<0.002	0.27	26.0	10.6	1	1.8	183.5	0.61	0.06	13.2	0.242	1.18	3.9
N828464		26.8	141.0	<0.002	0.53	23.1	11.2	1	1.9	53.1	0.46	0.09	15.4	0.182	2.22	5.7
N828465		1.2	1.8	<0.002	0.01	0.21	0.3	1	<0.2	39.0	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N828466		13.4	94.0	<0.002	0.26	15.40	10.1	1	1.7	93.4	0.58	<0.05	13.5	0.218	1.62	4.5
N828467		11.9	70.8	<0.002	0.17	17.30	10.0	1	1.8	128.0	0.55	<0.05	13.8	0.200	1.69	4.5
N828468		11.0	68.6	<0.002	0.14	4.60	8.5	1	1.9	218	0.50	<0.05	9.7	0.182	1.23	3.5
N828469		14.9	90.0	<0.002	0.18	20.8	10.0	1	2.0	209	0.65	<0.05	14.9	0.217	1.26	4.0
N828470		14.2	85.6	<0.002	0.20	21.6	10.1	1	2.0	206	0.61	<0.05	14.1	0.213	1.26	4.1
N828471		12.9	62.3	<0.002	0.32	44.1	10.0	1	2.0	247	0.73	<0.05	15.4	0.239	1.02	4.8
N828472		14.7	68.3	<0.002	0.20	31.4	10.8	1	2.0	229	0.72	<0.05	15.4	0.244	1.17	3.8
N828473		15.6	84.6	<0.002	0.25	22.9	9.8	1	1.7	120.5	0.57	<0.05	14.5	0.213	1.73	5.0
N828474		24.1	86.7	<0.002	0.26	18.85	10.6	1	2.1	135.5	0.62	<0.05	14.8	0.228	1.86	4.5
N828475		51.3	95.0	<0.002	0.32	27.4	10.2	1	2.4	103.0	0.57	<0.05	15.0	0.206	1.73	4.3
N828476		2850	153.0	<0.002	4.94	85.2	8.3	2	7.3	91.5	0.42	0.34	11.2	0.181	2.52	5.8
N828477		249	137.5	<0.002	1.05	17.35	10.2	1	3.2	43.6	0.41	0.08	13.7	0.163	2.53	5.2
N828478		15.2	84.9	<0.002	0.20	6.82	9.2	1	2.1	116.0	0.51	<0.05	11.9	0.182	1.86	4.0
N828479		14.9	63.7	<0.002	0.09	3.21	10.0	1	2.1	301	0.61	<0.05	9.5	0.246	1.40	3.7
N828480		11.9	71.2	<0.002	0.10	2.85	9.9	1	2.1	325	0.58	<0.05	9.9	0.242	1.36	3.8
N828481		44.3	107.5	<0.002	0.56	11.95	10.5	1	2.6	124.0	0.62	<0.05	14.9	0.238	2.19	3.8
N828482		331	160.0	<0.002	5.20	42.6	7.5	1	6.4	26.1	0.35	0.28	9.4	0.146	2.56	3.8
N828483		1.6	1.3	<0.002	0.02	0.09	0.3	1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N828484		371	117.5	<0.002	2.62	181.0	7.3	1	5.0	76.5	0.38	0.10	10.7	0.145	2.67	3.8
N828485		194.5	147.0	<0.002	1.23	19.35	9.5	1	3.5	128.0	0.52	<0.05	13.2	0.189	2.99	3.5
N828486		740	162.0	0.002	1.00	9.59	9.7	1	4.1	89.4	0.50	<0.05	13.4	0.195	3.10	3.1
N828487		73.0	140.0	<0.002	0.35	4.67	9.5	1	2.6	96.9	0.48	<0.05	12.5	0.179	3.06	2.8
N828488		287	160.0	<0.002	0.90	8.68	8.6	1	3.9	68.2	0.44	0.05	12.3	0.171	3.18	3.0
N828489		9660	124.5	<0.002	7.17	223	7.2	2	8.3	125.5	0.40	0.45	10.2	0.180	2.37	6.3
N828490		315	172.0	<0.002	4.92	19.35	9.4	1	5.9	63.5	0.47	0.10	12.1	0.185	2.83	3.8
N828491		199.5	200	<0.002	2.89	14.15	9.5	1	5.0	24.0	0.41	0.09	11.9	0.180	3.38	2.8
N828492		317	193.5	<0.002	1.37	11.75	9.2	1	5.3	46.9	0.46	0.07	14.3	0.179	3.66	4.2
N828493		233	165.0	<0.002	2.81	27.8	8.7	1	4.4	46.1	0.33	0.10	10.8	0.139	3.17	3.2
N828494		115.5	107.0	<0.002	0.68	5.89	10.2	1	3.1	178.5	0.52	0.13	11.5	0.209	2.18	4.2
N828495		311	175.5	<0.002	4.86	11.65	9.6	1	7.1	36.7	0.46	0.08	11.8	0.196	3.18	3.7





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**CERTIFICATE OF ANALYSIS WH12147078**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828460		65	1.7	11.4	96	27.5		
N828461		69	2.6	12.4	147	28.0		
N828462		66	1.7	13.1	87	34.3		
N828463		69	3.6	13.5	97	35.5		
N828464		67	3.6	10.9	110	27.0		
N828465		3	0.1	0.7	16	<0.5		
N828466		66	3.1	12.0	146	30.2		
N828467		68	2.8	11.2	105	26.9		
N828468		69	1.5	11.7	84	25.7		
N828469		68	2.4	13.7	76	36.8		
N828470		68	2.7	13.4	73	35.3		
N828471		62	6.2	13.4	64	34.1		
N828472		68	6.6	13.8	70	33.9		
N828473		65	3.7	12.0	68	30.9		
N828474		70	4.7	13.2	106	33.3		
N828475		69	2.8	13.6	136	31.7		
N828476		57	4.8	9.1	5460	24.8		
N828477		74	4.4	9.9	972	26.7		
N828478		68	1.4	10.8	64	31.4		
N828479		80	1.3	11.6	72	36.2		
N828480		79	0.9	12.3	51	34.4		
N828481		71	2.8	12.0	347	35.0		
N828482		48	6.2	6.9	1800	23.0		
N828483		3	0.1	0.7	22	<0.5		
N828484		48	4.6	7.9	1110	19.1		
N828485		60	4.5	11.1	710	27.9		
N828486		74	1.7	9.9	1680	23.5		
N828487		65	2.1	10.4	197	24.3		
N828488		63	2.0	9.4	781	23.5		
N828489		53	4.5	8.4	>10000	32.3	125	1.575
N828490		57	4.5	10.3	422	26.9		
N828491		59	3.1	6.8	1510	22.7		
N828492		56	3.1	8.2	923	23.6		
N828493		57	3.6	8.5	1780	19.4		
N828494		71	2.0	12.5	256	26.7		
N828495		61	4.7	9.5	330	26.4		



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**CERTIFICATE OF ANALYSIS WH12147078**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12147079**

Project: Klaza-70

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12147079**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828496		8.82	0.050	0.45	7.15	240	870	1.60	0.37	2.18	3.24	47.4	3.8	14	16.60	7.7
N828497		9.37	0.146	3.70	6.69	304	850	1.38	6.52	1.78	1.97	51.5	3.9	18	14.90	139.0
N828498		5.44	0.404	3.39	6.85	351	550	1.21	5.52	2.12	7.01	47.5	4.1	17	8.39	23.1
N828499		5.61	0.321	6.45	7.13	362	420	1.44	7.84	1.82	65.2	57.2	7.7	20	11.90	281
N828500		5.26	0.340	5.87	6.78	441	310	1.24	7.98	0.37	10.75	50.2	4.0	16	7.35	141.5
N828501		2.37	<0.005	0.05	0.08	<5	10	0.06	0.04	20.4	0.11	1.30	0.6	2	0.15	2.1
N828502		3.71	0.194	3.81	6.57	343	140	1.40	6.67	0.69	7.26	44.1	8.2	16	9.71	12.3
N828503		6.39	0.211	11.95	7.13	229	810	1.42	19.45	1.46	6.98	45.2	3.0	19	7.87	606
N828504		4.01	0.016	0.28	6.74	18.8	550	1.65	0.48	3.06	1.90	34.4	2.0	16	8.56	3.7
N828505		10.98	0.011	0.13	6.82	49.0	1210	1.58	0.26	2.87	0.13	40.9	2.6	17	11.25	3.3
N828506		0.23	0.749	9.92	6.48	1775	710	1.53	6.62	1.87	42.8	49.3	16.6	20	16.40	109.5
N828507		12.42	0.005	0.41	6.73	36.9	1060	1.64	1.14	2.96	0.52	38.4	2.7	26	11.20	40.9
N828508		12.33	0.034	1.67	7.18	193.5	610	1.59	0.84	2.14	21.4	32.8	1.7	17	13.40	27.5
N828509		<0.02	0.030	1.66	6.97	124.0	550	1.66	0.69	2.23	30.9	34.8	1.6	23	13.35	34.6
N828510		13.72	0.030	0.74	7.70	70.3	1010	1.41	0.66	1.27	9.26	42.7	2.3	11	9.02	17.4
N828511		0.26	2.19	25.2	5.84	3390	1160	1.31	20.4	2.17	78.5	48.2	10.3	20	14.00	427
N828512		4.26	0.081	7.07	7.35	292	650	1.36	8.32	1.49	26.7	45.3	1.1	11	12.10	124.5
N828513		9.29	0.012	0.42	7.72	20.9	670	1.45	0.41	1.65	1.14	45.7	2.9	12	10.15	20.3
N828514		8.89	<0.005	0.18	7.09	26.2	1340	1.96	0.18	2.28	0.18	68.2	6.2	21	15.25	20.2
N828515		7.76	<0.005	0.12	7.13	26.3	1310	2.03	0.17	2.38	0.14	71.8	6.6	23	15.30	18.9
N828516		4.64	0.005	0.34	7.08	20.2	360	1.29	0.54	1.69	0.28	46.2	2.7	9	10.60	35.0
N828517		2.00	<0.005	0.32	7.12	19.7	290	1.30	0.60	1.53	0.27	49.9	3.1	10	10.15	34.6
N828518		4.20	0.148	0.85	7.00	862	1200	1.44	1.42	1.72	1.18	48.3	3.5	9	16.25	25.8
N828519		12.16	0.011	0.22	6.90	22.8	1580	1.52	0.40	2.52	0.25	47.4	3.7	13	10.75	3.1
N828520		10.96	0.466	2.97	6.57	1610	480	1.35	4.69	2.40	15.70	45.0	3.3	15	9.83	39.8
N828521		1.62	<0.005	0.02	0.07	5	20	<0.05	0.08	20.3	0.08	1.31	0.6	2	0.12	2.2
N828522		9.61	0.010	0.36	7.02	26.2	1020	1.54	0.57	2.33	1.07	47.0	3.0	15	10.40	16.7
N828523		7.28	<0.005	0.18	7.15	11.1	1050	1.41	0.21	2.63	0.57	43.8	3.1	12	10.90	6.8
N828524		6.63	0.010	0.31	7.13	25.2	280	1.34	0.41	3.82	0.58	37.4	1.5	13	8.41	5.5
N828525		12.18	<0.005	0.19	6.80	5.8	510	1.78	0.41	3.30	0.19	54.2	1.4	14	11.85	23.1
N828526		10.62	0.005	0.26	6.35	14.5	530	1.44	0.71	5.58	0.42	37.4	3.2	10	7.67	7.0
N828527		4.02	<0.005	0.12	6.99	6.3	770	1.40	0.42	2.60	0.37	38.0	3.7	12	7.70	9.4
N828528		10.58	0.259	7.15	6.67	294	650	1.28	7.88	1.44	9.42	52.1	11.7	15	11.00	330
N828529		12.52	0.017	0.67	7.12	44.1	660	1.61	0.87	2.36	1.88	55.0	12.0	14	9.88	22.7
N828530		6.67	0.182	3.36	6.75	410	770	1.63	4.55	0.74	8.57	59.3	9.9	18	12.70	90.3
N828531		4.04	0.045	0.92	7.17	85.9	1370	1.62	1.41	1.83	2.49	53.3	4.9	12	12.55	24.6



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Project: Klaza-70

**CERTIFICATE OF ANALYSIS WH12147079**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828496		3.74	16.35	0.21	0.9	0.160	2.81	24.8	18.6	0.79	2110	3.50	0.24	7.1	2.3	540
N828497		4.12	14.15	0.09	1.1	0.176	2.61	24.9	20.4	0.73	1380	4.55	0.05	6.0	3.7	500
N828498		5.12	14.40	0.09	0.8	0.295	2.95	20.5	16.0	0.89	1430	1.73	0.07	4.5	2.5	510
N828499		5.50	14.75	0.09	1.0	1.030	2.91	25.6	20.4	0.80	1580	3.82	0.08	5.9	2.1	530
N828500		7.16	16.95	0.10	0.9	0.507	3.09	19.5	6.0	0.51	1730	2.41	0.06	5.5	2.8	490
N828501		0.46	0.18	<0.05	<0.1	0.006	0.03	0.6	0.9	12.60	209	0.08	<0.01	0.2	1.2	170
N828502		9.05	15.45	0.10	0.9	0.432	2.88	18.2	12.5	0.70	2010	3.15	0.05	5.5	3.2	490
N828503		4.35	15.80	0.08	1.0	0.505	3.13	16.9	19.1	0.78	1480	3.64	0.09	5.5	2.5	520
N828504		1.86	16.60	0.09	1.0	0.212	2.40	12.0	47.2	0.69	1080	1.33	0.33	6.1	2.3	560
N828505		2.42	15.90	0.08	1.1	0.086	1.61	16.1	25.1	0.70	662	1.38	1.22	6.4	2.3	550
N828506		5.22	15.30	0.08	1.4	0.932	2.73	24.7	25.1	0.69	1920	13.55	0.26	7.1	15.6	490
N828507		3.03	16.50	0.10	1.1	0.196	1.65	15.4	27.0	0.70	904	1.74	1.56	7.0	3.5	560
N828508		2.57	16.15	0.10	1.0	0.314	2.25	11.8	81.3	0.66	1240	10.20	0.45	7.0	2.0	570
N828509		2.65	15.95	0.09	1.0	0.425	2.25	12.9	100.0	0.68	1370	11.70	0.28	6.8	1.9	540
N828510		2.26	17.05	0.09	1.1	0.213	1.86	16.6	33.9	0.50	808	0.98	0.09	6.9	1.9	600
N828511		6.61	13.75	0.14	1.0	1.720	2.55	24.3	23.2	0.90	1820	13.40	0.05	5.4	15.3	430
N828512		4.54	15.90	0.11	1.0	0.379	2.77	18.0	19.9	0.77	1610	1.27	0.06	6.6	1.5	550
N828513		2.03	17.75	0.08	1.2	0.210	1.80	16.6	32.0	0.60	873	0.70	0.08	7.4	2.4	640
N828514		2.46	18.00	0.11	4.6	0.050	2.00	31.7	42.1	1.00	667	1.72	0.05	9.5	7.6	1100
N828515		2.56	18.75	0.10	5.0	0.040	2.09	32.2	57.9	1.07	624	1.80	0.05	9.8	8.5	1170
N828516		1.78	15.30	0.09	1.1	0.154	1.13	19.1	70.5	0.55	626	1.25	0.04	7.4	2.2	590
N828517		1.77	14.75	0.08	1.1	0.181	1.19	20.7	80.0	0.51	584	1.21	0.04	7.2	2.1	560
N828518		3.52	15.75	0.08	1.3	0.092	2.71	22.8	27.0	0.59	700	3.19	0.50	6.9	2.2	530
N828519		2.65	15.00	0.09	1.2	0.059	2.37	22.3	11.3	0.64	521	2.35	1.79	6.8	2.1	520
N828520		5.54	15.20	0.12	0.9	0.167	2.54	20.9	68.5	0.95	1260	2.75	0.08	5.7	2.2	480
N828521		0.47	0.20	<0.05	<0.1	0.006	0.02	0.7	1.1	12.60	203	0.11	0.01	0.2	1.5	160
N828522		2.85	15.70	0.09	1.1	0.182	1.95	20.1	23.2	0.76	985	1.87	1.62	7.1	2.2	560
N828523		2.40	15.30	0.09	1.1	0.068	1.56	18.8	29.0	0.90	547	2.11	1.78	7.7	2.1	570
N828524		1.70	14.95	0.09	1.0	0.093	0.64	13.4	34.4	0.95	602	1.49	1.82	7.2	1.8	580
N828525		1.39	16.50	0.09	1.0	0.098	0.83	22.5	26.3	0.59	510	0.75	2.01	7.2	1.6	560
N828526		1.42	14.55	0.07	0.8	0.197	0.93	14.3	34.8	0.84	903	0.39	0.51	5.9	1.6	1600
N828527		2.64	15.90	0.10	0.9	0.276	1.48	14.2	29.4	0.95	593	1.41	1.23	6.2	2.3	590
N828528		4.38	15.20	0.08	0.9	0.417	2.40	22.2	22.7	0.74	1120	2.66	0.06	5.6	2.8	490
N828529		3.36	14.85	0.08	1.3	0.128	2.18	27.7	104.0	0.91	1040	6.69	0.06	6.6	2.0	440
N828530		6.76	15.30	0.12	0.9	0.176	2.63	30.9	34.3	0.74	1860	2.92	0.03	5.9	2.5	480
N828531		4.17	15.55	0.09	1.1	0.167	2.92	25.7	30.8	0.69	1190	2.46	0.77	7.0	2.1	540



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**CERTIFICATE OF ANALYSIS WH12147079**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828496		80.6	137.5	<0.002	0.60	11.55	10.0	1	2.9	99.9	0.54	<0.05	12.7	0.217	2.84	4.9
N828497		128.5	133.0	<0.002	1.97	24.3	8.8	<1	4.0	66.6	0.59	0.10	12.5	0.213	2.83	5.4
N828498		270	194.0	0.002	3.49	8.28	8.2	<1	4.6	50.0	0.45	0.09	12.5	0.158	2.91	4.1
N828499		349	185.5	<0.002	3.66	47.0	9.0	1	5.4	63.3	0.60	0.17	14.7	0.190	3.23	5.3
N828500		257	197.0	<0.002	3.92	35.1	9.3	<1	5.3	19.6	0.50	0.16	12.0	0.180	3.25	2.4
N828501		1.7	1.4	<0.002	0.01	0.16	0.2	<1	0.2	38.5	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N828502		111.0	180.5	<0.002	5.57	6.53	9.4	1	5.5	20.8	0.50	1.33	11.4	0.175	3.02	4.8
N828503		217	216	<0.002	2.09	16.95	9.3	<1	5.4	51.8	0.54	0.18	14.6	0.184	3.37	3.8
N828504		25.5	121.0	<0.002	0.24	6.33	9.4	<1	2.9	119.5	0.57	<0.05	11.6	0.195	2.46	4.0
N828505		12.0	72.5	<0.002	0.19	6.76	9.1	<1	2.1	218	0.64	<0.05	11.3	0.221	1.69	4.0
N828506		1295	164.5	<0.002	3.03	33.4	8.6	1	5.8	148.5	0.62	0.32	12.0	0.204	2.58	5.2
N828507		26.5	67.4	<0.002	0.25	7.93	9.9	1	2.9	255	0.61	0.06	11.6	0.225	1.38	4.5
N828508		474	103.0	<0.002	0.41	35.4	10.4	1	3.4	113.0	0.71	<0.05	13.0	0.249	2.46	3.9
N828509		389	109.0	0.002	0.42	35.3	10.0	1	3.9	98.8	0.67	0.07	12.9	0.236	2.43	3.9
N828510		136.0	105.5	<0.002	0.33	21.7	10.5	1	3.2	54.6	0.66	0.10	15.1	0.232	1.86	3.7
N828511		2730	158.0	0.002	4.72	87.5	7.6	1	7.7	89.2	0.51	0.43	11.2	0.174	2.42	5.6
N828512		1540	151.0	0.002	0.89	21.3	9.4	<1	5.3	42.9	0.66	0.05	15.8	0.231	2.91	3.2
N828513		45.4	103.0	<0.002	0.22	18.85	10.8	<1	3.5	61.0	0.67	0.06	15.3	0.241	1.80	3.7
N828514		15.2	62.4	0.002	0.06	14.20	5.9	1	1.7	163.5	0.75	<0.05	11.0	0.313	0.93	5.5
N828515		13.1	59.6	0.002	0.06	14.10	5.6	1	1.6	179.0	0.81	0.05	10.6	0.320	0.92	7.2
N828516		13.6	47.8	<0.002	0.27	24.2	9.4	<1	3.3	93.9	0.73	0.15	13.4	0.252	1.10	7.0
N828517		14.7	58.6	<0.002	0.32	20.9	9.4	<1	3.5	92.1	0.67	0.12	13.9	0.243	1.17	7.1
N828518		77.7	132.5	<0.002	1.22	12.65	9.2	1	4.9	128.5	0.72	0.15	14.8	0.225	2.16	4.6
N828519		28.1	97.3	<0.002	0.34	2.67	8.8	<1	2.0	279	0.73	0.07	15.3	0.217	1.37	4.4
N828520		323	162.5	0.002	3.55	9.17	9.1	1	4.7	80.3	0.54	0.28	13.3	0.190	2.41	4.8
N828521		1.7	1.2	<0.002	0.01	0.06	0.2	<1	0.2	42.6	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N828522		38.7	103.0	<0.002	0.28	5.73	9.7	<1	2.9	238	0.69	0.06	13.1	0.223	1.44	3.6
N828523		22.6	59.5	<0.002	0.07	4.45	9.8	1	1.8	281	0.70	<0.05	13.1	0.240	0.82	2.9
N828524		23.4	28.8	<0.002	0.34	4.17	9.7	1	2.7	313	0.74	0.13	14.3	0.237	0.62	3.3
N828525		14.9	63.6	<0.002	0.04	6.82	11.1	<1	2.3	341	0.73	0.07	20.3	0.233	0.80	5.0
N828526		20.5	30.0	<0.002	0.08	14.40	10.6	1	2.6	207	0.57	0.22	12.1	0.200	0.96	4.2
N828527		14.6	60.5	<0.002	0.11	5.80	8.9	<1	2.1	287	0.62	0.06	11.6	0.209	1.38	3.0
N828528		365	161.0	0.003	1.64	19.75	9.1	<1	4.0	79.3	0.56	0.13	14.3	0.172	2.18	4.6
N828529		80.5	135.0	<0.002	0.45	9.16	8.1	<1	3.5	157.0	0.75	<0.05	20.4	0.176	1.87	4.9
N828530		441	162.5	0.003	2.27	13.45	9.2	1	4.5	62.2	0.55	0.11	14.0	0.195	2.65	4.7
N828531		78.8	136.5	<0.002	0.84	5.01	9.7	<1	3.1	204	0.73	0.08	14.8	0.227	2.10	5.1



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**CERTIFICATE OF ANALYSIS WH12147079**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828496		64	3.7	12.0	322	26.1
N828497		64	3.9	11.9	227	26.9
N828498		63	2.4	10.2	592	22.0
N828499		63	4.0	12.3	5740	26.0
N828500		69	4.0	7.4	975	23.2
N828501		1	0.1	0.7	19	<0.5
N828502		63	5.5	9.9	621	24.7
N828503		67	3.3	9.5	613	25.3
N828504		63	1.3	11.4	176	26.8
N828505		72	1.6	13.2	55	28.3
N828506		57	5.2	12.1	2950	39.0
N828507		73	1.4	13.6	102	31.3
N828508		69	2.5	13.1	1600	25.4
N828509		68	2.6	13.2	2240	23.7
N828510		63	4.8	13.7	755	28.4
N828511		55	5.4	10.0	5090	24.7
N828512		59	3.5	11.1	1970	24.5
N828513		67	2.0	15.5	133	35.0
N828514		58	1.8	12.4	81	164.5
N828515		56	2.4	11.7	80	180.0
N828516		72	2.0	13.3	53	31.6
N828517		70	2.1	13.7	50	30.2
N828518		62	3.8	12.3	121	32.6
N828519		61	2.0	14.6	45	30.3
N828520		56	4.2	11.4	933	23.8
N828521		1	0.1	0.8	16	<0.5
N828522		63	2.2	13.8	117	29.3
N828523		66	3.6	15.5	70	32.3
N828524		62	2.1	15.8	86	26.4
N828525		64	2.2	18.7	56	27.0
N828526		82	5.2	16.1	81	19.7
N828527		74	3.7	12.2	79	24.3
N828528		62	3.6	11.5	732	25.1
N828529		51	3.3	13.5	193	33.2
N828530		58	7.3	9.8	716	24.9
N828531		64	4.7	14.1	228	28.5



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**CERTIFICATE OF ANALYSIS WH12147079**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12147350**

Project: Klaza-70

P.O. No.: Batch 4

This report is for 11 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-70

**CERTIFICATE OF ANALYSIS WH12147350**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828532		1.76	<0.005	0.01	0.06	11	20	0.10	0.01	20.8	0.08	1.02	1.0	<1	0.12	2.0
N828533		9.49	0.015	1.22	7.53	28.8	2080	1.77	1.45	2.86	19.20	45.9	6.9	7	20.8	40.1
N828534		0.22	2.33	26.7	6.11	3520	520	1.36	18.10	2.28	81.7	41.5	10.9	15	13.00	444
N828535		3.77	0.462	2.29	7.33	158.5	1120	1.62	1.92	2.59	6.21	42.8	19.1	5	15.10	22.8
N828536		3.60	<0.005	0.02	0.05	7	20	<0.05	0.02	21.4	0.15	1.11	1.1	<1	0.24	1.9
N828537		6.77	0.008	0.22	7.64	12.6	1990	1.61	0.21	2.63	0.63	47.2	7.2	5	11.45	4.4
N828538		<0.02	0.005	0.21	7.52	11.2	1990	1.56	0.19	2.63	0.54	42.4	6.8	5	11.45	5.1
N828539		6.79	<0.005	0.15	7.36	8.4	2120	1.57	0.11	2.61	0.14	39.8	6.8	6	10.30	16.7
N828540		0.23	0.768	10.05	6.94	1920	230	1.52	5.90	1.99	43.4	42.9	16.5	18	17.05	105.0
N828541		10.65	<0.005	0.08	6.69	15.8	2120	2.06	0.07	3.21	0.12	55.4	6.2	18	15.30	6.1
N828542		3.23	<0.005	0.12	6.86	15.7	2020	2.01	0.07	3.18	0.12	57.5	6.6	17	15.70	9.5



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Project: Klaza-70

**CERTIFICATE OF ANALYSIS WH12147350**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828532		0.48	0.23	0.05	<0.1	<0.005	0.02	0.5	0.9	12.80	211	0.12	<0.01	0.3	2.2	170
N828533		3.24	16.40	0.14	1.2	0.480	2.94	23.6	22.9	0.51	598	1.43	1.87	7.4	2.6	570
N828534		6.98	15.10	0.19	1.0	1.630	2.69	22.6	22.1	0.93	1920	13.75	0.04	5.7	15.7	440
N828535		4.31	16.05	0.15	1.1	0.085	2.84	21.8	32.2	0.47	621	1.96	1.31	7.2	2.8	550
N828536		0.48	0.25	<0.05	<0.1	0.007	0.03	0.5	0.9	12.95	211	0.13	<0.01	0.3	1.9	170
N828537		2.99	16.90	0.15	1.3	0.050	2.78	24.2	31.7	0.56	487	1.98	1.51	7.7	2.8	570
N828538		2.97	16.85	0.14	1.3	0.049	2.79	21.7	30.2	0.57	487	1.85	1.50	7.5	2.8	560
N828539		2.84	16.80	0.13	1.4	0.038	2.79	19.9	52.5	0.53	442	1.49	1.38	8.1	3.1	580
N828540		5.60	15.50	0.18	1.4	0.883	2.97	22.2	23.2	0.73	2060	12.10	0.26	6.8	15.9	510
N828541		2.47	18.15	0.14	4.4	0.027	2.06	27.4	33.7	1.12	494	0.97	0.80	9.7	7.1	1300
N828542		2.52	18.90	0.14	4.3	0.031	2.07	28.6	41.5	1.08	501	0.96	0.84	10.1	7.4	1280



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Project: Klaza-70

**CERTIFICATE OF ANALYSIS WH12147350**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828532		1.2	0.8	<0.002	0.01	0.08	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N828533		38.0	112.5	<0.002	0.42	2.86	9.9	1	1.5	363	0.67	0.05	11.5	0.243	0.96	5.0
N828534		2820	159.5	0.002	4.88	92.9	7.6	2	7.2	92.9	0.46	0.34	9.0	0.185	2.16	5.4
N828535		333	117.0	<0.002	1.89	6.70	9.8	2	1.9	293	0.64	0.71	11.4	0.231	0.99	4.3
N828536		1.8	1.4	<0.002	0.01	0.06	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	1.1
N828537		20.9	103.5	<0.002	0.14	2.79	10.5	1	1.5	320	0.70	0.06	12.0	0.245	0.81	4.9
N828538		20.4	97.7	<0.002	0.14	2.81	10.0	1	1.5	318	0.67	0.05	11.2	0.249	0.85	4.5
N828539		16.9	92.0	<0.002	0.03	4.51	10.1	1	1.3	328	0.76	<0.05	10.3	0.248	0.76	4.8
N828540		1360	163.0	<0.002	3.17	31.8	8.3	1	5.4	154.0	0.58	0.24	10.1	0.214	2.29	5.4
N828541		12.3	58.1	<0.002	0.05	5.14	5.7	1	1.1	295	0.65	<0.05	5.9	0.332	0.59	3.5
N828542		11.1	60.6	<0.002	0.05	6.00	6.1	1	1.2	289	0.66	<0.05	6.4	0.334	0.63	3.7



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Project: Klaza-70

**CERTIFICATE OF ANALYSIS WH12147350**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828532		1	0.1	0.7	18	<0.5
N828533		68	5.1	17.3	1220	33.3
N828534		56	4.9	9.2	5520	27.0
N828535		65	4.1	16.7	539	31.9
N828536		1	0.1	0.8	22	<0.5
N828537		69	7.2	16.9	89	35.2
N828538		70	7.2	15.8	82	34.9
N828539		67	12.1	15.2	42	39.4
N828540		60	4.8	10.6	3150	40.7
N828541		60	1.9	11.1	61	171.0
N828542		60	1.8	11.4	60	168.0



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**CERTIFICATE OF ANALYSIS WH12147350**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12147351**

Project: Klaza-71

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12147351**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828543		12.80	0.019	0.59	7.48	66.4	1870	1.64	0.89	2.15	2.20	51.4	6.8	10	19.45	23.2
N828544		4.23	0.122	4.87	6.91	195.0	620	1.41	3.07	1.11	21.4	55.2	7.0	10	15.15	50.7
N828545		4.57	0.055	5.52	7.07	108.5	930	1.53	1.30	1.21	41.5	54.8	6.8	8	20.8	76.9
N828546		5.25	<0.005	0.49	6.95	26.3	1720	1.68	0.15	2.42	3.42	42.8	7.3	9	22.7	13.4
N828547		7.14	<0.005	<0.01	5.59	13.6	230	3.44	0.79	1.21	0.36	11.65	0.4	2	15.85	1.5
N828548		4.13	<0.005	0.01	5.75	13.1	80	3.41	0.33	0.90	0.10	13.20	0.3	2	18.50	1.0
N828549		11.01	0.014	0.47	6.59	82.3	1830	2.14	0.38	2.43	2.50	39.9	6.6	8	26.5	19.7
N828550		<0.02	0.015	0.54	6.65	84.9	1800	2.16	0.40	2.50	2.49	39.5	6.7	10	26.9	20.7
N828551		4.20	0.042	1.10	6.64	325	1240	1.60	0.83	2.11	6.23	55.5	10.1	7	13.70	37.1
N828552		6.33	<0.005	0.19	7.07	39.9	1150	1.79	0.18	2.25	0.80	48.6	12.8	9	22.8	10.2
N828553		4.01	0.213	1.00	6.52	461	1590	1.45	0.25	2.41	10.55	47.3	6.7	8	20.2	17.5
N828554		4.18	0.047	1.02	7.20	103.0	980	1.64	1.23	1.39	11.55	56.6	6.5	9	19.60	24.4
N828555		5.25	0.053	2.35	6.51	117.0	690	1.42	3.06	0.56	12.35	58.4	6.0	9	9.24	31.2
N828556		4.26	<0.005	0.20	6.76	22.4	1720	1.45	0.27	1.68	0.54	43.1	5.1	8	17.95	8.7
N828557		11.17	0.008	0.66	6.56	112.5	1190	1.60	0.28	2.30	3.35	38.9	6.7	8	17.30	9.7
N828558		4.98	0.046	1.12	7.19	1205	840	1.52	1.32	1.33	14.45	55.5	8.2	9	12.40	38.3
N828559		1.84	0.039	1.53	7.14	888	970	1.66	1.82	1.41	20.3	55.8	11.1	8	12.25	45.8
N828560		4.33	0.020	0.81	7.27	444	1040	1.59	0.76	1.29	5.08	57.5	5.1	8	18.00	32.4
N828561		0.29	4.51	>100	5.04	8040	760	1.13	54.9	1.86	210	34.6	8.9	18	10.90	1225
N828562		3.56	0.899	20.0	6.37	271	640	1.87	24.5	1.63	57.7	55.9	11.8	12	17.55	546
N828563		4.73	0.013	0.74	6.77	32.8	740	2.16	0.91	2.14	3.48	58.0	7.1	27	17.95	27.8
N828564		7.43	0.006	0.08	5.29	25.5	1010	1.55	0.13	2.54	0.25	45.2	3.6	14	23.3	7.5
N828565		8.45	<0.005	0.02	5.99	18.3	780	1.86	0.04	2.11	0.12	48.3	4.8	15	28.0	5.4
N828566		11.29	<0.005	0.02	6.51	11.2	720	1.78	0.03	3.01	0.13	53.3	4.6	12	25.5	4.6
N828567		11.19	<0.005	0.15	6.58	15.6	1800	1.84	0.03	3.10	0.41	55.6	4.7	12	24.1	9.5
N828568		9.81	<0.005	0.02	6.72	8.6	610	1.90	0.03	2.14	0.08	50.2	5.2	13	24.4	8.7
N828569		12.96	<0.005	<0.01	6.24	10.2	830	1.99	0.03	2.21	0.11	47.9	5.9	14	25.3	6.5
N828570		5.71	<0.005	<0.01	6.46	9.0	860	2.02	0.04	2.36	0.12	50.1	6.4	18	29.0	7.3
N828571		0.30	0.556	9.39	6.19	1785	260	1.46	5.53	1.82	38.8	43.3	16.9	21	15.70	107.0
N828572		9.54	0.006	0.14	6.56	21.9	990	1.91	0.12	2.88	0.29	54.2	5.7	22	27.3	11.8
N828573		6.21	3.03	28.0	6.11	747	230	1.59	43.4	0.29	28.5	57.2	15.2	10	14.65	417
N828574		4.11	<0.005	0.04	0.09	<5	20	0.07	0.07	20.2	0.08	1.30	1.5	1	0.62	2.4
N828575		3.32	0.034	0.86	7.12	86.5	640	1.59	1.00	1.34	5.97	59.3	7.4	9	23.2	34.8
N828576		3.55	1.600	4.11	5.70	5780	530	1.29	5.81	1.13	22.7	53.5	14.5	8	11.70	52.0
N828577		3.38	<0.005	0.02	0.13	7	20	0.07	0.22	20.2	0.10	1.50	1.9	2	0.33	3.7
N828578		6.24	0.468	3.24	6.37	876	600	1.66	1.91	1.86	15.10	43.7	6.0	7	19.40	37.3





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Project: Klaza-71

**CERTIFICATE OF ANALYSIS WH12147351**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828543		3.51	16.40	0.08	1.5	0.117	2.81	23.6	32.8	0.58	797	1.93	1.09	7.5	2.4	590
N828544		5.20	16.15	0.14	1.3	0.905	3.06	29.7	7.5	0.61	1050	2.43	0.08	8.2	2.7	510
N828545		5.20	16.75	0.15	1.3	1.435	3.01	29.6	34.9	0.74	1940	1.78	0.04	7.9	2.6	540
N828546		3.18	16.85	0.17	1.3	0.110	3.07	20.4	23.5	0.60	862	2.44	0.98	8.9	2.6	550
N828547		0.63	20.3	0.06	3.0	0.034	1.91	4.7	82.9	0.16	455	0.30	0.03	25.8	0.5	20
N828548		0.55	20.2	0.07	3.0	0.019	1.77	5.5	83.6	0.12	283	0.35	0.03	25.2	0.3	20
N828549		3.12	17.10	0.19	1.3	0.115	2.97	18.5	41.0	0.54	947	2.93	1.15	9.3	2.2	590
N828550		3.24	17.40	0.18	1.3	0.119	3.02	18.3	41.7	0.56	991	2.76	1.12	9.6	2.4	600
N828551		4.17	15.35	0.18	1.1	0.334	2.99	29.8	9.3	0.90	1810	2.28	0.04	6.5	2.5	460
N828552		3.31	16.85	0.21	1.2	0.092	3.32	25.0	32.3	0.65	1240	2.10	0.25	7.7	2.6	540
N828553		4.46	16.20	0.19	1.3	0.400	2.94	24.4	25.9	0.88	2530	2.11	0.05	7.6	2.4	490
N828554		4.35	17.50	0.20	1.2	0.424	3.11	30.6	23.3	0.70	1240	1.88	0.05	7.9	2.5	520
N828555		5.09	17.00	0.19	1.1	0.434	3.31	31.5	7.0	0.55	1020	2.66	0.03	7.0	2.4	490
N828556		2.93	17.95	0.20	1.2	0.073	3.13	21.0	25.2	0.54	717	2.72	0.17	7.9	2.2	530
N828557		3.55	17.85	0.20	1.1	0.117	2.74	18.3	60.4	0.55	1160	3.20	0.09	7.8	2.6	540
N828558		4.29	17.95	0.20	1.1	0.426	3.00	30.4	53.4	0.68	993	5.35	0.04	7.2	2.5	560
N828559		4.85	17.50	0.21	1.0	0.532	3.24	30.0	23.7	0.86	1310	4.86	0.04	7.0	2.8	580
N828560		3.99	18.70	0.21	1.2	0.211	3.12	30.7	37.9	0.71	1100	1.84	0.06	7.8	2.4	530
N828561		7.86	13.05	0.16	1.0	4.30	2.21	17.5	28.3	0.60	2820	15.00	0.07	5.6	14.4	420
N828562		5.14	17.20	0.16	1.8	1.170	2.48	30.7	27.7	0.79	1340	6.71	0.05	7.1	10.4	500
N828563		2.29	20.2	0.19	3.8	0.064	2.01	29.4	85.7	0.80	612	10.45	0.03	9.1	24.1	610
N828564		1.82	15.75	0.19	1.8	0.021	1.94	22.3	38.8	0.61	551	3.39	0.03	7.1	8.7	490
N828565		1.97	17.90	0.18	1.9	0.023	2.22	23.3	38.6	0.63	564	1.19	0.03	8.1	8.3	650
N828566		2.49	18.10	0.20	1.6	0.025	2.40	26.3	35.4	0.92	1080	0.54	0.03	8.3	5.7	720
N828567		2.52	18.60	0.21	1.7	0.028	2.32	27.2	33.0	0.95	1020	0.97	0.03	8.6	5.3	730
N828568		2.29	19.80	0.17	1.7	0.028	2.42	23.4	26.1	0.63	724	0.37	0.03	9.0	5.4	780
N828569		2.16	19.40	0.17	1.8	0.025	2.50	22.3	32.6	0.62	712	0.70	0.03	8.7	8.8	710
N828570		2.29	20.0	0.21	2.2	0.027	2.68	23.6	31.9	0.69	632	0.39	0.04	8.9	11.1	720
N828571		5.09	15.65	0.17	1.3	0.846	2.70	21.9	22.3	0.66	1810	12.50	0.25	7.5	16.6	460
N828572		2.30	19.55	0.21	2.8	0.028	2.62	26.2	36.3	0.89	857	1.67	0.04	9.1	14.2	680
N828573		5.81	15.70	0.16	1.3	1.020	2.86	32.0	14.8	0.42	836	19.05	0.04	6.2	6.2	440
N828574		0.47	0.47	0.28	<0.1	0.005	0.04	0.6	1.2	12.00	199	0.12	<0.01	0.5	2.3	180
N828575		3.73	17.25	0.18	1.2	0.294	2.74	32.6	37.3	0.66	1520	6.94	0.03	7.8	3.2	570
N828576		6.15	15.45	0.15	1.2	0.684	2.50	30.1	12.5	0.56	1420	29.0	0.04	5.6	3.4	390
N828577		0.48	0.55	0.27	<0.1	0.005	0.05	0.7	1.3	12.05	199	0.17	<0.01	0.6	3.2	180
N828578		4.39	15.85	0.15	1.1	0.366	2.69	24.7	18.0	0.71	2050	16.30	0.03	7.1	3.6	490



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**CERTIFICATE OF ANALYSIS WH12147351**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828543		71.6	129.5	<0.002	0.57	9.72	10.0	1	3.0	215	0.77	<0.05	13.8	0.250	1.65	3.3
N828544		1170	189.0	<0.002	3.36	8.09	10.2	1	11.5	49.2	0.63	0.21	14.8	0.212	2.38	4.9
N828545		1455	179.0	<0.002	1.27	12.50	10.5	1	8.3	65.8	0.61	<0.05	15.8	0.228	2.49	5.2
N828546		183.5	141.0	<0.002	0.11	5.91	10.5	1	2.2	199.0	0.69	<0.05	13.3	0.242	1.92	3.7
N828547		44.6	118.5	<0.002	0.01	4.50	2.8	1	3.0	109.5	2.48	<0.05	15.9	0.034	1.08	5.4
N828548		36.3	126.0	<0.002	0.01	5.28	2.7	1	3.0	72.0	2.48	<0.05	18.8	0.032	1.07	5.2
N828549		97.2	140.5	<0.002	0.19	6.42	11.2	1	2.7	251	0.63	<0.05	11.8	0.253	1.75	3.9
N828550		97.7	139.0	<0.002	0.22	6.79	10.9	1	2.7	248	0.66	<0.05	11.5	0.262	1.80	3.9
N828551		227	198.0	<0.002	1.00	7.89	9.1	1	5.6	77.3	0.53	<0.05	14.8	0.168	2.46	7.2
N828552		35.4	175.5	<0.002	0.12	7.93	10.4	1	2.9	110.5	0.56	<0.05	12.3	0.230	2.47	4.5
N828553		148.5	140.5	<0.002	1.47	13.80	9.7	1	3.8	99.6	0.61	<0.05	13.7	0.214	2.45	5.2
N828554		111.0	186.5	<0.002	1.77	9.81	10.8	2	3.3	76.9	0.63	0.15	16.0	0.225	2.51	5.4
N828555		240	204	<0.002	2.76	4.35	10.0	1	8.2	24.0	0.54	0.29	14.1	0.209	2.66	5.9
N828556		29.9	143.5	<0.002	0.12	9.70	10.6	1	2.0	109.0	0.61	<0.05	12.0	0.223	1.82	3.4
N828557		210	114.0	<0.002	0.24	14.75	10.6	1	3.7	122.0	0.60	<0.05	11.9	0.226	1.79	4.6
N828558		212	181.5	<0.002	1.53	11.10	11.6	1	8.4	89.7	0.56	0.10	15.0	0.221	2.04	4.8
N828559		311	197.0	<0.002	1.60	8.87	11.8	1	8.4	86.4	0.51	0.11	14.1	0.205	2.31	4.4
N828560		123.0	176.0	<0.002	1.14	9.93	11.2	2	5.8	131.0	0.65	0.05	16.3	0.221	2.04	5.0
N828561		9240	127.0	<0.002	6.68	203	7.2	3	8.2	115.5	0.40	0.43	9.1	0.175	2.06	5.3
N828562		936	134.5	<0.002	2.92	73.0	8.8	2	4.8	200	0.54	0.26	13.2	0.194	1.78	9.4
N828563		103.5	88.0	<0.002	0.16	22.4	6.5	1	1.8	342	0.69	<0.05	11.8	0.228	1.11	14.6
N828564		23.7	76.7	<0.002	0.03	41.7	4.8	1	0.9	141.0	0.50	<0.05	8.0	0.194	0.87	6.3
N828565		13.6	78.7	<0.002	0.02	21.7	5.7	1	1.2	145.5	0.58	<0.05	8.4	0.232	0.94	3.9
N828566		10.5	90.9	<0.002	0.04	14.15	6.3	1	1.0	125.5	0.57	<0.05	9.1	0.240	1.01	5.3
N828567		27.7	85.8	<0.002	0.05	12.70	6.3	1	1.2	133.0	0.61	<0.05	9.5	0.244	0.94	5.2
N828568		14.9	85.3	<0.002	0.01	11.70	6.2	1	1.7	113.0	0.64	<0.05	8.5	0.259	1.04	4.1
N828569		12.7	82.9	<0.002	0.02	11.85	6.2	1	1.4	120.5	0.62	<0.05	8.1	0.246	1.10	4.1
N828570		10.3	90.4	<0.002	0.03	7.16	6.0	1	1.6	138.0	0.65	<0.05	8.7	0.256	1.24	2.7
N828571		1295	147.5	0.002	2.93	31.6	8.9	2	5.7	142.0	0.56	0.26	11.7	0.197	2.31	5.0
N828572		19.4	86.5	<0.002	0.07	8.87	6.3	1	1.6	183.0	0.64	<0.05	9.6	0.254	1.33	6.1
N828573		594	179.0	<0.002	4.13	113.5	8.8	2	7.0	28.5	0.46	0.46	11.2	0.194	2.36	6.1
N828574		2.0	3.0	<0.002	0.01	0.22	0.2	1	<0.2	44.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N828575		83.2	159.5	<0.002	0.98	30.5	11.3	1	2.5	77.1	0.60	0.15	14.6	0.244	2.57	6.3
N828576		311	172.0	<0.002	5.16	60.8	7.8	2	4.6	40.6	0.53	0.38	13.5	0.156	2.76	4.6
N828577		2.0	2.8	<0.002	0.03	0.18	0.3	1	<0.2	43.5	<0.05	<0.05	<0.2	0.005	0.02	0.5
N828578		277	171.0	<0.002	3.39	41.9	9.5	1	3.6	86.8	0.51	0.05	12.0	0.211	3.22	4.7



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**CERTIFICATE OF ANALYSIS WH12147351**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828543		68	3.8	15.8	261	36.6		
N828544		61	6.2	11.1	1480	37.1		
N828545		63	5.0	12.1	2590	37.1		
N828546		66	2.9	14.1	311	37.9		
N828547		1	1.5	9.9	71	52.4		
N828548		1	1.8	9.3	45	48.5		
N828549		72	3.1	14.3	256	38.2		
N828550		73	3.3	14.3	260	38.8		
N828551		51	4.2	12.8	572	29.9		
N828552		62	3.7	14.8	131	33.8		
N828553		58	5.1	12.8	817	35.7		
N828554		62	4.6	12.7	931	33.2		
N828555		61	7.6	8.2	1040	31.4		
N828556		63	2.6	12.8	114	35.1		
N828557		64	3.6	12.1	342	33.6		
N828558		64	4.9	11.8	1250	31.6		
N828559		66	4.9	12.6	1660	29.6		
N828560		64	4.8	12.9	520	34.8		
N828561		51	4.2	8.8	>10000	31.0	118	1.595
N828562		52	3.4	12.6	4020	61.3		
N828563		45	1.6	11.6	306	139.0		
N828564		40	3.0	10.5	66	61.0		
N828565		46	3.7	10.5	62	57.1		
N828566		47	2.5	11.1	62	44.0		
N828567		50	2.3	12.2	84	46.3		
N828568		49	2.1	10.0	57	46.7		
N828569		50	2.1	9.9	63	55.2		
N828570		46	2.4	10.4	63	68.0		
N828571		55	4.9	10.9	2890	37.9		
N828572		47	2.5	11.2	74	98.0		
N828573		61	3.7	9.7	2090	42.6		
N828574		2	<0.1	0.8	19	0.6		
N828575		68	4.3	13.9	508	32.8		
N828576		53	4.6	10.4	1780	33.8		
N828577		3	0.1	0.9	19	<0.5		
N828578		59	6.8	13.0	1060	33.4		



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**CERTIFICATE OF ANALYSIS WH12147351**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12147827**

Project: Klaza-69

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12147827**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829410		3.00	0.009	0.43	7.04	94.2	1620	1.46	0.09	2.42	0.81	44.7	9.7	12	16.25	33.6
N829411		2.64	<0.005	0.12	7.77	15.0	2290	1.38	0.11	2.61	0.13	43.3	8.8	17	12.90	8.6
N829412		4.11	0.009	0.27	7.50	42.8	1800	1.43	0.12	2.78	0.47	44.2	9.0	16	14.25	13.1
N829413		5.37	<0.005	0.26	7.67	25.2	1820	1.41	0.19	1.78	0.64	42.9	8.0	15	16.55	9.7
N829414		0.30	4.46	>100	5.68	8570	290	1.23	63.6	2.04	234	30.4	9.0	17	10.95	1320
N829415		2.10	0.052	3.06	5.99	133.5	710	1.24	1.40	2.77	12.50	33.0	15.1	9	13.05	83.1
N829416		2.36	0.015	0.97	7.40	76.3	860	1.45	0.19	3.09	0.53	52.9	7.8	12	14.55	22.2
N829417		4.45	<0.005	0.10	7.61	9.9	1620	1.42	0.07	1.08	0.20	45.8	7.2	12	20.4	5.7
N829418		2.59	0.007	0.62	6.92	46.3	1000	1.36	0.10	2.85	1.51	44.2	8.6	12	20.1	19.6
N829419		4.78	<0.005	0.01	0.11	11	20	0.07	0.02	21.2	0.09	1.43	1.0	3	0.22	1.8
N829420		5.19	<0.005	0.11	7.42	9.4	2430	1.39	0.10	3.14	0.11	42.0	7.9	16	20.1	6.8
N829421		2.40	<0.005	0.14	7.51	7.8	2110	1.38	0.13	2.64	0.10	41.7	8.4	11	14.30	13.1
N829422		2.32	<0.005	0.09	8.24	4.5	2170	1.52	0.07	2.92	0.10	50.6	9.2	11	10.35	7.5
N829423		2.93	<0.005	0.24	7.55	15.9	1970	1.50	0.09	2.84	0.19	42.8	8.7	14	15.65	17.6
N829424		5.52	0.007	0.39	7.49	58.9	1860	1.42	0.09	2.82	0.39	40.6	9.0	12	15.85	19.0
N829425		4.58	<0.005	0.13	7.91	8.0	2100	1.39	0.10	2.94	0.11	43.4	8.6	12	9.59	7.8
N829426		2.46	0.005	3.31	7.67	32.5	1940	1.41	0.13	2.71	3.16	49.3	8.5	11	12.65	31.3
N829427		1.26	<0.005	3.91	7.71	30.7	1960	1.42	0.11	2.72	3.30	46.1	8.6	13	12.50	36.4
N829428		4.55	<0.005	0.16	7.82	7.6	2100	1.66	0.14	2.98	0.20	45.4	9.3	12	9.51	7.6
N829429		2.41	<0.005	0.20	7.49	8.3	1600	1.38	0.10	2.66	0.12	40.9	8.9	14	18.25	11.0
N829430		<0.02	<0.005	0.20	7.20	9.6	1570	1.36	0.11	2.65	0.14	37.3	9.2	12	17.40	11.2
N829431		3.08	<0.005	0.15	7.97	5.5	2160	1.57	0.12	3.05	0.12	46.4	9.6	13	11.05	7.4
N829432		3.59	<0.005	0.18	7.89	6.6	2070	1.54	0.16	2.47	0.12	50.8	10.0	10	17.30	7.1
N829433		0.30	2.34	27.1	6.17	3350	140	1.26	18.40	2.17	79.4	42.5	11.4	20	13.90	431
N829434		2.28	0.011	1.69	6.81	117.0	3310	1.27	0.23	5.11	1.92	48.6	8.0	10	17.80	22.1
N829435		6.44	<0.005	0.23	7.58	9.9	1970	1.50	0.18	2.58	0.15	45.5	9.3	12	14.35	7.9
N829436		2.85	0.007	2.21	7.72	58.0	1860	1.49	0.31	3.53	0.84	46.8	13.8	57	11.85	28.1
N829437		6.23	0.005	0.34	7.70	71.8	2020	1.53	0.15	3.05	0.54	42.7	10.0	11	10.65	11.2
N829438		3.82	0.008	0.64	7.52	143.5	2440	1.54	0.13	2.82	0.90	45.3	11.9	10	28.3	24.5
N829439		3.76	0.032	1.46	7.30	381	1750	1.32	0.18	2.51	2.70	42.7	8.9	10	16.55	25.7
N829440		1.63	<0.005	0.04	0.12	<5	30	0.05	0.04	19.90	0.07	1.41	1.3	2	0.43	8.0
N829441		6.80	<0.005	0.15	8.00	5.9	2160	1.40	0.19	3.06	0.16	51.2	9.0	14	12.25	6.3
N829442		6.54	0.021	0.17	7.83	170.0	2190	1.36	0.23	3.23	0.24	48.3	9.4	13	11.15	4.7
N829443		6.92	<0.005	0.10	7.79	4.0	2200	1.24	0.28	3.03	0.13	45.1	8.7	11	8.23	3.6
N829444		3.91	<0.005	0.25	7.66	6.2	2100	1.39	0.17	3.03	0.59	44.5	8.8	13	15.70	5.6
N829445		4.87	0.015	0.41	7.41	85.3	1680	1.28	0.27	2.43	0.40	40.1	8.7	12	17.75	21.2



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829410		3.09	17.20	0.05	1.2	0.061	2.96	21.7	31.5	0.70	2300	1.27	0.82	8.2	3.4	630
N829411		3.38	17.45	0.11	1.2	0.043	2.55	20.6	16.3	0.86	832	1.42	1.78	8.2	3.0	660
N829412		3.55	17.50	0.10	1.1	0.085	3.00	21.2	17.9	0.78	2170	1.53	1.05	8.1	2.7	620
N829413		2.95	18.40	0.09	1.2	0.071	2.82	20.7	36.4	0.63	1040	1.52	0.11	8.4	2.6	640
N829414		8.70	11.90	0.17	1.1	4.54	2.36	17.5	30.0	0.66	3170	12.95	0.09	5.5	13.1	470
N829415		4.42	12.95	<0.05	1.2	0.387	2.11	17.6	31.5	0.99	2430	1.15	0.04	6.2	3.3	360
N829416		3.16	16.45	0.09	1.1	0.051	2.85	28.4	35.2	1.09	5420	1.09	0.05	7.6	2.4	560
N829417		2.90	18.80	0.09	1.4	0.044	2.44	22.9	56.6	0.44	840	1.20	0.07	9.3	2.5	650
N829418		2.99	15.85	0.10	1.0	0.047	2.40	23.1	109.5	0.97	1900	1.29	0.04	7.1	2.8	570
N829419		0.48	0.36	0.09	<0.1	0.006	0.04	0.7	1.3	12.85	223	0.20	<0.01	0.3	1.2	180
N829420		3.05	17.25	0.08	1.7	0.037	2.47	19.7	37.0	0.78	721	2.34	1.22	8.8	2.9	720
N829421		3.32	17.20	0.09	1.1	0.047	2.61	19.5	15.0	0.85	973	6.51	1.82	8.1	2.5	630
N829422		3.37	18.15	0.11	1.3	0.038	2.62	24.6	11.9	0.95	879	3.78	2.29	8.7	2.8	670
N829423		3.27	17.60	0.10	1.3	0.051	2.77	19.9	17.8	0.80	1380	2.28	1.48	8.2	2.6	630
N829424		3.32	18.00	0.13	1.3	0.053	2.66	18.8	18.1	0.80	1520	3.41	1.75	8.3	2.9	610
N829425		3.23	18.10	0.13	1.2	0.048	2.66	20.5	11.3	0.82	1120	1.35	2.04	8.3	2.7	630
N829426		3.35	17.40	0.12	1.2	0.071	2.77	24.2	18.9	0.82	2480	1.52	1.59	8.2	2.6	620
N829427		3.31	18.30	0.09	1.2	0.063	2.83	21.9	25.6	0.85	2230	2.87	1.58	8.4	2.7	640
N829428		3.41	18.50	0.11	1.4	0.046	2.64	20.7	16.7	0.91	1200	2.30	2.06	8.7	2.7	640
N829429		3.04	18.10	0.10	1.3	0.043	2.68	19.3	27.8	0.86	1140	2.31	0.54	8.6	2.5	640
N829430		3.01	17.90	0.10	1.3	0.043	2.67	17.1	27.6	0.84	1150	1.75	0.53	8.3	2.6	630
N829431		3.31	18.40	0.11	1.3	0.042	2.43	22.5	15.8	0.89	852	1.56	1.97	8.5	2.8	690
N829432		3.25	17.80	0.14	1.4	0.040	2.51	25.7	20.5	0.82	766	2.14	1.70	8.7	2.7	660
N829433		6.64	15.15	0.11	0.9	1.680	2.55	21.8	24.1	0.89	1930	13.25	0.04	6.0	16.0	450
N829434		3.35	14.70	0.10	1.1	0.085	2.53	26.2	45.8	1.08	5200	1.53	0.06	6.8	2.7	490
N829435		3.09	17.75	0.11	1.4	0.041	2.56	21.6	28.5	0.80	968	2.26	1.67	8.5	2.9	620
N829436		4.41	18.20	0.12	1.4	0.075	2.54	21.3	14.5	1.42	6290	2.42	1.73	9.1	19.7	780
N829437		3.53	18.40	0.10	1.3	0.063	2.66	19.4	15.6	0.89	2340	1.22	1.93	9.0	3.0	670
N829438		2.92	17.80	0.11	1.2	0.045	2.65	22.2	74.2	0.82	2550	1.04	0.29	8.0	2.4	640
N829439		3.78	17.10	0.16	1.2	0.107	3.19	21.6	18.5	0.74	4490	1.07	0.62	8.5	3.1	610
N829440		0.46	0.44	0.15	0.1	<0.005	0.05	0.7	1.3	12.20	221	0.10	0.01	0.4	2.5	150
N829441		3.43	17.75	0.19	1.3	0.036	2.69	25.9	16.6	0.94	1000	1.30	2.05	9.1	3.1	660
N829442		3.49	17.65	0.19	1.4	0.038	2.70	23.6	13.7	0.94	1200	1.24	2.04	9.1	3.2	690
N829443		3.34	17.00	0.18	1.3	0.031	2.53	22.3	12.7	0.92	826	1.12	2.32	8.9	3.1	650
N829444		3.40	17.20	0.18	1.4	0.046	2.59	22.2	10.5	0.87	867	1.23	2.19	9.0	3.1	650
N829445		3.57	16.70	0.17	1.3	0.076	3.17	20.3	21.8	0.82	2350	1.01	0.26	8.5	3.0	610



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**CERTIFICATE OF ANALYSIS WH12147827**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829410		41.2	129.0	<0.002	0.22	15.00	11.2	1	2.4	215	0.64	<0.05	10.2	0.271	1.79	4.0
N829411		23.3	97.2	<0.002	0.03	3.17	12.8	1	1.6	410	0.64	<0.05	12.0	0.273	1.07	2.6
N829412		48.0	140.5	<0.002	0.21	6.10	12.2	1	1.7	264	0.63	<0.05	11.9	0.268	1.90	4.3
N829413		44.3	119.5	<0.002	0.16	16.90	12.3	1	1.6	126.5	0.67	<0.05	12.6	0.275	1.61	2.9
N829414		9890	123.5	0.002	7.56	226	7.1	2	8.7	116.0	0.49	0.50	10.4	0.189	2.42	6.6
N829415		799	132.5	<0.002	2.05	46.4	7.6	1	1.5	68.1	0.64	0.06	14.2	0.157	1.54	5.2
N829416		364	179.5	<0.002	0.37	38.2	11.5	1	1.7	110.0	0.60	<0.05	14.3	0.241	2.24	6.7
N829417		21.5	99.9	<0.002	0.02	22.8	12.8	1	1.7	92.2	0.72	<0.05	13.1	0.280	1.10	2.5
N829418		69.4	124.5	<0.002	0.33	33.9	11.2	1	1.4	144.0	0.54	<0.05	12.0	0.236	1.93	11.3
N829419		2.4	1.6	<0.002	<0.01	0.11	0.3	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N829420		20.4	86.1	<0.002	0.03	7.49	10.8	1	1.4	320	0.69	<0.05	11.1	0.276	1.23	3.6
N829421		18.9	104.0	0.002	0.08	3.92	11.6	1	1.5	345	0.64	<0.05	11.4	0.276	1.29	3.2
N829422		19.7	101.0	<0.002	0.01	1.83	13.1	1	1.5	421	0.68	<0.05	14.0	0.297	1.06	4.1
N829423		28.1	114.5	<0.002	0.14	5.54	11.9	1	1.4	308	0.64	<0.05	11.4	0.271	1.58	4.5
N829424		35.7	107.0	<0.002	0.19	6.84	11.9	1	1.5	349	0.66	<0.05	11.9	0.269	1.33	4.1
N829425		22.7	101.5	<0.002	0.05	2.43	11.6	1	1.5	385	0.66	<0.05	12.0	0.268	1.19	3.9
N829426		503	119.0	<0.002	0.16	16.90	12.1	1	1.6	324	0.64	<0.05	14.1	0.266	1.41	4.1
N829427		342	116.0	<0.002	0.14	20.2	11.9	1	1.7	323	0.67	<0.05	13.2	0.271	1.45	4.0
N829428		25.2	98.8	<0.002	0.04	2.47	12.5	1	1.5	394	0.74	<0.05	12.0	0.287	1.18	4.7
N829429		19.3	99.5	<0.002	0.04	5.11	11.8	1	1.9	170.0	0.71	<0.05	11.4	0.277	1.36	4.2
N829430		21.8	89.5	<0.002	0.04	5.15	11.2	1	1.8	168.0	0.67	<0.05	10.3	0.274	1.35	3.8
N829431		20.7	100.5	<0.002	0.01	2.62	13.1	1	1.6	403	0.68	<0.05	12.3	0.289	1.02	3.3
N829432		20.4	114.5	<0.002	0.01	4.58	13.1	1	1.5	336	0.73	<0.05	14.5	0.276	1.13	4.6
N829433		2740	156.0	<0.002	4.82	87.7	8.6	2	7.7	89.5	0.47	0.41	10.5	0.180	2.30	5.3
N829434		140.5	145.0	<0.002	0.48	20.8	10.4	1	2.3	175.5	0.62	<0.05	12.6	0.219	1.96	7.1
N829435		22.3	102.5	<0.002	0.09	4.44	12.0	1	1.6	340	0.72	<0.05	13.0	0.269	1.26	4.8
N829436		446	117.5	<0.002	0.46	185.5	16.0	1	2.1	363	0.69	<0.05	10.4	0.324	1.49	4.2
N829437		36.5	105.0	<0.002	0.23	4.93	12.4	1	1.7	383	0.72	<0.05	10.8	0.287	1.35	4.2
N829438		49.2	118.0	<0.002	0.36	14.95	11.9	1	3.0	220	0.65	<0.05	12.7	0.271	2.02	4.5
N829439		103.0	151.5	<0.002	0.79	17.50	11.5	1	2.0	197.0	0.63	<0.05	11.9	0.265	2.32	4.0
N829440		1.7	2.9	<0.002	0.02	0.18	0.3	1	0.3	39.2	<0.05	<0.05	0.2	<0.005	0.02	0.7
N829441		23.7	106.0	<0.002	0.02	2.35	12.9	1	1.7	396	0.70	<0.05	14.1	0.297	1.20	4.7
N829442		26.7	103.0	<0.002	0.05	3.25	12.6	1	1.7	395	0.71	<0.05	13.6	0.298	1.22	4.5
N829443		19.4	89.4	<0.002	0.01	1.16	11.4	1	1.5	424	0.69	<0.05	12.5	0.287	0.91	4.1
N829444		34.8	94.3	<0.002	0.02	1.70	12.1	1	1.5	413	0.69	<0.05	12.8	0.293	1.06	4.0
N829445		24.5	142.5	<0.002	0.54	13.10	11.0	1	1.6	150.0	0.69	<0.05	12.4	0.272	2.19	4.8





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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829410		81	2.7	13.7	144	27.8		
N829411		79	1.0	15.0	68	31.1		
N829412		76	2.5	14.3	118	29.3		
N829413		76	3.1	14.2	110	32.3		
N829414		55	4.8	9.2	>10000	33.1	120	1.645
N829415		52	2.2	12.5	1350	27.7		
N829416		67	2.4	16.4	130	29.6		
N829417		77	7.9	14.3	67	32.8		
N829418		70	3.3	14.2	179	28.1		
N829419		2	0.1	0.9	20	0.5		
N829420		75	1.8	14.6	69	51.4		
N829421		76	1.4	14.2	64	28.7		
N829422		84	1.5	17.4	66	34.9		
N829423		78	1.4	14.6	73	33.5		
N829424		75	1.2	14.6	91	32.7		
N829425		75	0.7	14.4	68	30.3		
N829426		75	1.1	15.7	287	29.8		
N829427		76	1.3	15.3	298	30.2		
N829428		84	1.2	16.3	78	34.2		
N829429		78	3.0	13.9	67	33.9		
N829430		78	2.8	13.2	69	33.9		
N829431		84	1.2	16.0	71	34.5		
N829432		77	1.5	17.3	70	35.6		
N829433		57	5.0	9.5	5450	25.5		
N829434		65	3.2	17.6	214	28.2		
N829435		74	1.6	15.8	71	33.1		
N829436		105	2.1	17.9	169	36.0		
N829437		80	1.5	16.0	120	32.8		
N829438		76	2.3	15.3	133	30.9		
N829439		75	3.3	14.8	356	29.8		
N829440		2	0.1	0.8	18	0.5		
N829441		84	0.7	17.6	76	33.4		
N829442		85	1.0	17.0	83	33.9		
N829443		80	0.6	16.4	68	31.8		
N829444		84	0.7	16.4	94	33.8		
N829445		78	4.4	14.5	88	31.2		



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**CERTIFICATE OF ANALYSIS WH12147827**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Account: ROCKHA

**CERTIFICATE WH12147828**

Project: Klaza-69

P.O. No.: Batch 3

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12147828**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N829446		4.39	0.044	1.08	7.27	115.5	1650	1.44	0.33	2.04	6.10	47.6	10.6	11	18.45	8.5
N829447		5.53	<0.005	0.28	7.42	37.6	1310	1.67	0.18	2.40	0.43	67.7	5.8	16	27.0	4.6
N829448		6.65	<0.005	0.21	7.14	23.5	970	1.88	0.12	2.27	0.30	61.9	4.6	12	28.7	2.8
N829449		6.32	<0.005	0.08	6.90	20.1	1250	1.95	0.09	2.39	0.26	60.4	5.5	13	26.2	1.3
N829450		6.08	<0.005	0.14	7.34	15.2	1360	1.85	0.09	2.56	0.17	66.3	5.9	12	16.90	3.1
M897051		3.25	<0.005	0.32	7.23	26.3	1490	2.00	0.23	3.56	0.37	69.3	6.4	17	12.45	5.9
M897052		0.25	4.58	>100	5.31	7920	170	1.26	55.6	1.92	218	31.5	8.5	17	11.05	1195
M897053		2.17	0.720	7.23	5.82	2010	600	1.35	1.17	3.47	11.25	35.8	9.2	7	12.05	43.9
M897054		3.75	0.006	4.69	7.56	357	1970	1.67	3.06	3.56	9.46	44.7	6.1	10	15.85	47.6
M897055		2.67	<0.005	0.24	6.95	22.4	2620	1.33	0.65	3.11	0.22	44.1	19.1	9	13.40	3.8
M897056		2.07	0.005	0.35	7.07	29.2	2590	1.39	1.06	3.34	0.31	46.3	27.9	9	14.70	6.3
M897057		3.43	0.006	1.10	7.37	31.7	1600	1.76	1.05	2.88	2.23	43.4	8.9	9	16.50	4.9
M897058		4.01	<0.005	0.22	7.38	18.9	1370	2.22	0.15	3.50	0.32	59.2	7.8	16	23.7	13.2
M897059		2.20	0.018	0.71	6.34	68.9	1730	1.89	0.29	3.97	0.62	47.6	7.7	13	21.3	14.1
M897060		<0.02	0.016	0.73	6.53	71.5	1810	1.82	0.20	4.05	0.66	52.1	8.1	12	22.4	16.6
M897061		2.75	0.010	0.54	7.06	46.0	2750	1.99	0.19	4.35	1.12	55.6	8.0	14	22.3	12.8
M897062		4.00	0.039	2.37	7.00	85.0	1790	1.55	0.88	3.08	2.55	43.8	7.3	8	20.5	66.8
M897063		0.29	4.55	>100	5.21	7830	100	1.15	55.3	1.87	213	31.1	8.6	17	10.90	1180
M897064		5.02	5.79	40.2	1.94	2960	80	0.36	39.9	0.57	17.30	14.95	193.0	7	2.29	687
M897065		4.82	<0.005	0.03	0.16	5	30	0.09	0.04	21.4	0.07	1.34	1.9	3	0.65	3.0
M897066		3.35	0.801	10.50	7.20	629	90	1.30	2.93	0.41	91.6	47.5	16.5	11	7.78	191.0
M897067		4.79	2.02	>100	5.47	5170	140	1.22	6.10	1.13	265	33.0	16.0	27	6.98	1000
M897068		2.61	<0.005	0.14	0.07	8	20	0.05	0.03	20.7	0.31	1.24	1.5	<1	0.15	4.0
M897069		1.45	0.023	0.63	7.93	73.9	2010	1.58	0.30	2.98	1.44	48.8	10.3	10	14.60	13.0
M897070		7.85	0.028	0.81	7.24	298	1580	1.56	0.13	2.95	1.21	40.4	8.1	11	18.00	18.8
M897071		2.74	1.275	7.50	6.81	4300	200	1.43	0.24	2.09	31.5	47.5	8.4	9	14.75	29.2
M897072		2.55	<0.005	0.18	7.44	22.9	2010	1.55	0.08	3.02	0.22	43.3	9.1	12	13.85	9.8



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**CERTIFICATE OF ANALYSIS WH12147828**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829446		3.97	16.50	0.16	1.3	0.110	3.20	24.8	35.2	0.80	2870	1.43	0.18	8.3	3.7	610
N829447		2.58	18.40	0.18	2.9	0.027	2.45	34.8	59.4	0.89	986	1.58	0.07	12.5	4.6	1040
N829448		2.45	18.15	0.15	2.5	0.029	2.66	31.2	59.4	0.81	993	0.99	0.07	11.8	2.9	860
N829449		2.42	19.25	0.11	2.4	0.042	2.39	29.3	82.3	0.78	1050	1.33	0.06	11.2	3.7	850
N829450		2.55	19.65	0.14	2.3	0.029	1.36	33.2	107.5	0.87	820	1.47	0.04	11.6	3.9	890
M897051		2.74	17.25	0.16	3.1	0.033	0.93	37.3	107.5	1.22	1340	1.50	0.04	11.2	5.4	1060
M897052		8.10	12.60	0.12	1.0	4.63	2.19	15.6	37.2	0.62	2970	15.25	0.08	5.5	12.7	430
M897053		4.14	14.95	0.10	0.9	0.258	2.47	20.0	26.6	0.80	4530	1.28	0.03	5.7	3.5	440
M897054		3.39	16.75	0.15	1.2	0.252	2.94	23.8	42.0	1.30	1880	1.31	0.07	8.0	3.2	610
M897055		3.22	16.20	0.14	1.1	0.083	2.75	21.7	42.6	1.03	1640	0.37	0.05	8.4	4.4	680
M897056		3.34	16.50	0.16	1.0	0.130	2.73	23.6	40.4	1.13	1660	0.55	0.05	8.1	4.8	630
M897057		3.50	15.10	0.17	1.2	0.066	3.02	23.6	22.9	1.13	2900	0.57	0.06	7.6	3.0	560
M897058		2.56	21.1	0.16	3.3	0.036	2.62	29.0	63.1	1.23	1200	1.15	0.05	10.8	7.9	1110
M897059		2.76	14.95	0.15	2.3	0.065	2.27	26.0	37.3	1.45	2270	2.11	0.04	8.1	4.9	790
M897060		2.80	15.55	0.14	2.5	0.067	2.37	28.5	39.6	1.49	2290	2.22	0.04	8.4	5.1	810
M897061		2.76	17.30	0.17	3.1	0.033	2.57	30.3	35.8	1.56	1350	1.76	0.04	9.8	5.8	960
M897062		2.84	15.55	0.16	1.2	0.103	2.48	23.6	84.1	1.03	2820	0.90	0.05	7.6	2.8	580
M897063		7.97	12.75	0.13	1.0	4.49	2.16	15.4	36.3	0.61	2920	15.40	0.08	5.5	13.0	430
M897064		24.7	4.99	0.25	0.3	2.40	0.86	8.0	13.4	0.17	1000	10.60	0.01	2.0	2.9	140
M897065		0.49	0.58	0.15	<0.1	0.013	0.07	0.6	2.1	13.10	211	0.28	<0.01	0.3	6.5	170
M897066		5.93	17.15	0.10	1.1	0.866	3.25	25.4	8.5	0.33	375	1.61	0.02	7.4	3.2	590
M897067		7.89	13.50	0.09	0.9	1.485	2.46	16.6	13.3	0.39	3340	1.57	0.02	6.2	9.1	470
M897068		0.45	0.37	0.19	<0.1	0.006	0.03	0.6	1.0	12.35	201	0.24	<0.01	0.3	4.8	160
M897069		3.93	17.85	0.11	1.2	0.064	2.83	25.1	14.4	0.95	1280	0.83	1.59	9.2	3.2	730
M897070		3.71	16.10	0.12	1.2	0.087	3.19	20.3	20.9	0.91	4180	0.90	0.54	8.1	2.8	630
M897071		5.97	15.80	0.13	1.2	0.507	3.05	23.9	16.8	0.78	9660	3.27	0.03	7.6	3.2	610
M897072		3.33	17.65	0.10	1.3	0.043	2.50	20.0	49.0	0.87	950	1.16	1.88	8.3	3.6	670



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**CERTIFICATE OF ANALYSIS WH12147828**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829446		191.5	158.0	<0.002	1.18	14.75	10.9	1	2.0	149.0	0.68	<0.05	13.0	0.261	2.71	5.9
N829447		31.5	86.1	<0.002	0.08	12.85	6.5	1	1.5	467	0.82	<0.05	10.2	0.289	1.99	6.3
N829448		33.8	93.7	<0.002	0.07	10.40	6.1	1	1.2	252	0.78	<0.05	9.2	0.251	2.00	4.8
N829449		17.9	77.5	<0.002	0.04	9.12	6.2	1	1.6	291	0.82	<0.05	8.6	0.255	1.70	3.5
N829450		22.4	44.8	<0.002	0.07	7.06	6.6	1	1.4	351	0.81	<0.05	9.3	0.260	1.06	4.8
M897051		35.6	44.8	<0.002	0.09	16.35	6.9	2	1.4	685	0.71	<0.05	9.7	0.296	0.67	8.1
M897052		9160	132.5	<0.002	6.90	212	7.2	3	8.4	115.0	0.41	0.53	7.8	0.174	2.11	4.7
M897053		528	167.5	<0.002	2.91	48.7	8.0	1	2.7	117.0	0.40	<0.05	8.4	0.185	2.41	6.9
M897054		372	148.5	<0.002	0.52	14.40	11.3	2	2.1	170.5	0.58	0.06	11.8	0.260	2.23	4.9
M897055		16.5	100.0	<0.002	0.47	6.23	12.0	1	1.9	154.0	0.64	<0.05	10.5	0.294	2.11	3.4
M897056		31.4	126.5	<0.002	0.65	7.50	11.6	1	2.7	160.5	0.60	<0.05	11.1	0.274	2.26	3.6
M897057		81.7	168.0	<0.002	0.38	9.08	11.0	2	1.5	104.5	0.57	0.11	12.9	0.251	2.32	3.1
M897058		26.9	96.7	<0.002	0.20	10.00	8.0	1	2.0	440	0.74	<0.05	8.4	0.298	2.80	4.6
M897059		31.6	135.5	<0.002	0.33	21.9	7.0	1	1.6	501	0.56	<0.05	9.4	0.239	2.22	3.7
M897060		37.3	138.5	<0.002	0.35	23.3	7.3	1	1.6	522	0.59	<0.05	9.7	0.249	2.28	3.8
M897061		53.7	154.5	<0.002	0.37	28.5	7.0	2	1.5	668	0.65	<0.05	8.9	0.274	2.96	4.9
M897062		143.0	123.0	<0.002	0.70	15.85	10.5	1	2.1	263	0.58	<0.05	11.2	0.240	2.26	4.1
M897063		8990	133.0	0.002	6.78	208	7.2	3	8.2	113.5	0.40	0.51	7.4	0.171	2.05	4.6
M897064		654	53.6	0.012	>10.0	129.5	2.6	5	16.5	18.0	0.14	7.05	2.6	0.063	0.76	5.3
M897065		1.8	4.1	<0.002	0.02	0.16	0.4	1	<0.2	41.5	<0.05	<0.05	<0.2	0.007	0.03	0.6
M897066		1525	186.0	<0.002	6.25	36.2	11.2	2	9.3	34.3	0.55	0.22	10.8	0.259	2.94	3.5
M897067		9700	157.0	<0.002	7.59	249	10.2	3	12.6	48.5	0.44	0.30	7.9	0.217	2.40	5.1
M897068		8.0	1.5	<0.002	0.02	0.22	0.2	1	<0.2	42.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M897069		75.8	130.0	<0.002	0.65	4.89	13.1	1	2.8	356	0.65	<0.05	12.4	0.315	1.56	3.7
M897070		58.1	173.0	<0.002	0.83	12.40	12.9	1	2.1	201	0.59	<0.05	11.1	0.284	2.56	4.6
M897071		676	204	<0.002	2.92	48.9	12.9	1	3.0	110.0	0.59	<0.05	10.4	0.265	2.84	4.4
M897072		22.8	82.4	<0.002	0.05	3.84	12.3	1	1.7	391	0.68	<0.05	10.6	0.295	1.14	4.0



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**CERTIFICATE OF ANALYSIS WH12147828**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829446		76	3.1	13.5	515	32.0		
N829447		56	2.1	13.6	82	104.5		
N829448		50	1.8	13.2	86	86.2		
N829449		52	2.0	11.2	94	81.0		
N829450		51	2.0	12.6	78	82.9		
M897051		60	3.5	15.5	78	121.0		
M897052		52	4.5	9.1	>10000	30.9	125	1.615
M897053		64	4.2	10.9	952	27.0		
M897054		69	3.2	14.9	740	30.9		
M897055		66	3.1	13.3	105	28.0		
M897056		69	3.3	14.8	121	27.8		
M897057		57	6.0	12.4	244	29.6		
M897058		66	2.3	14.0	70	137.0		
M897059		55	3.2	12.6	88	88.8		
M897060		57	3.4	13.2	91	94.0		
M897061		58	4.5	14.1	138	122.0		
M897062		67	5.3	13.2	269	33.1		
M897063		50	4.3	9.5	>10000	30.1	126	1.605
M897064		22	3.7	5.3	1540	7.8		
M897065		5	0.4	0.8	16	<0.5		
M897066		74	7.7	9.2	9830	28.1		
M897067		70	8.3	9.4	>10000	21.5	128	1.840
M897068		3	0.1	0.7	36	<0.5		
M897069		87	1.9	17.9	215	29.5		
M897070		83	4.2	16.9	169	31.2		
M897071		78	5.8	13.9	2610	27.9		
M897072		87	1.4	15.9	79	33.6		



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**CERTIFICATE OF ANALYSIS WH12147828**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

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Finalized Date: 19-JUL-2012  
Account: ROCKHA

**CERTIFICATE WH12147829**

Project: Klaza-71

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 19-JUL-2012  
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Project: Klaza-71

**CERTIFICATE OF ANALYSIS WH12147829**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828579		4.67	0.394	1.59	8.02	354	780	1.97	2.11	2.18	1.62	55.9	10.4	7	22.4	45.4
N828580		9.25	0.055	2.03	7.28	81.0	1140	1.58	4.24	1.53	8.57	52.9	6.9	6	14.75	23.2
N828581		13.47	<0.005	0.18	7.86	11.3	2140	1.41	0.16	2.54	0.14	49.6	7.4	10	17.50	6.3
N828582		13.01	0.008	0.22	7.49	12.4	2060	1.37	0.18	2.62	0.87	47.4	6.4	12	12.55	6.3
N828583		11.55	0.006	0.16	7.55	12.4	2160	1.45	0.14	2.39	0.14	53.2	6.4	11	10.15	3.8
N828584		5.73	0.011	0.38	7.24	28.1	2000	1.35	0.38	2.75	2.05	46.9	6.9	10	11.35	6.3
N828585		2.60	0.009	0.29	7.55	24.1	2030	1.35	0.35	2.75	1.71	49.6	6.3	10	10.75	4.7
N828586		11.74	0.039	0.58	7.26	54.9	2010	1.38	0.64	2.58	2.82	47.1	5.3	10	13.30	17.7
N828587		6.57	0.180	8.04	6.76	119.5	1050	1.12	7.81	3.17	3.70	49.2	6.5	9	18.70	74.5
N828588		5.31	<0.005	0.16	7.92	8.5	2550	1.37	0.13	2.44	0.14	50.3	7.1	9	23.1	7.5
N828589		9.03	<0.005	0.14	7.72	7.4	2300	1.25	0.14	2.42	0.08	47.0	6.8	10	22.1	11.6
N828590		<0.02	<0.005	0.13	7.73	7.5	2290	1.24	0.12	2.41	0.07	48.8	7.0	10	23.0	11.1
N828591		4.13	0.009	0.27	8.11	37.4	2020	1.41	0.45	1.68	0.22	56.5	6.9	9	25.0	7.9
N828592		2.93	<0.005	0.22	6.90	10.4	2330	1.06	0.40	2.77	0.08	36.0	6.1	8	14.25	27.0
N828593		5.98	0.074	0.69	7.72	93.7	1370	1.34	0.62	2.32	3.73	60.1	5.3	8	23.8	13.5
N828594		0.32	4.37	>100	5.58	6790	630	1.06	66.8	1.94	226	38.0	8.2	18	12.35	1300
N828595		5.73	3.10	70.7	4.51	3060	40	0.78	117.0	3.38	14.70	34.2	6.2	6	7.89	1255
N828596		4.88	<0.005	0.10	0.09	<5	20	0.07	0.14	21.7	0.08	1.51	1.3	1	0.28	3.5
N828597		7.36	2.02	8.12	4.80	504	120	0.92	10.30	3.57	19.00	37.0	3.5	6	10.90	146.0
N828598		6.99	0.377	2.98	6.11	1650	610	1.25	4.19	1.07	1.34	41.9	4.1	9	19.30	142.0
N828599		9.74	0.034	0.80	7.34	67.0	1110	1.37	1.59	1.74	3.47	51.8	6.4	9	20.8	18.1
N828600		5.24	1.665	10.10	6.89	3680	350	1.23	8.86	2.49	4.04	47.8	5.9	8	16.20	1140
M897001		1.56	<0.005	0.03	0.13	<5	30	<0.05	0.04	20.9	0.04	1.38	1.5	2	0.72	2.3
M897002		10.14	0.007	0.31	7.94	26.0	2230	1.51	0.48	2.50	0.96	41.8	6.8	9	22.1	9.5
M897003		6.36	0.010	0.29	7.78	16.5	2290	1.49	0.36	2.86	0.12	45.6	7.3	10	17.40	19.7
M897004		3.65	0.013	0.55	7.84	106.5	1860	1.63	0.67	3.20	1.03	48.7	7.2	9	13.60	39.2
M897005		4.75	<0.005	0.29	7.89	15.1	2190	1.48	0.32	2.54	0.16	45.2	5.1	9	12.90	5.7
M897006		4.65	0.006	0.27	7.44	13.4	2680	1.37	0.36	2.84	0.09	42.8	5.8	10	10.30	32.7
M897007		2.65	0.006	0.25	7.09	12.4	2410	1.37	0.35	2.86	0.09	42.5	6.1	9	9.82	21.5
M897008		3.94	0.018	0.39	7.83	31.6	2490	1.46	1.55	2.50	0.10	45.7	5.6	10	14.60	12.8
M897009		9.21	0.007	0.27	7.63	21.7	2140	1.34	0.43	2.38	0.19	38.5	4.5	10	16.90	16.4
M897010		0.33	2.26	22.6	6.19	2920	570	1.28	20.5	2.22	80.2	45.9	9.7	19	15.30	445
M897011		8.03	0.044	1.64	7.08	108.5	1770	1.34	2.26	1.77	5.50	54.0	4.2	11	12.25	97.9
M897012		7.95	0.031	0.36	7.53	142.5	1640	1.52	0.51	2.67	0.90	49.0	3.7	10	16.90	13.9
M897013		4.39	0.192	2.07	7.31	165.0	1860	1.46	1.71	2.78	24.3	50.1	4.6	9	17.20	92.8
M897014		4.36	<0.005	0.19	7.32	12.1	2150	1.48	0.19	3.07	0.13	41.9	4.7	11	13.40	1.8



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Finalized Date: 19-JUL-2012  
Account: ROCKHA

Project: Klaza-71

**CERTIFICATE OF ANALYSIS WH12147829**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828579		4.94	18.35	0.13	1.2	0.136	2.83	30.8	101.5	1.02	1830	2.36	0.05	8.5	4.0	720
N828580		4.68	17.05	0.12	1.0	0.297	2.86	30.6	28.7	0.80	1360	2.53	0.05	6.8	2.6	570
N828581		3.15	16.25	0.19	1.3	0.050	2.74	26.2	18.5	0.73	620	1.40	1.87	8.3	2.3	640
N828582		3.02	15.60	0.19	1.2	0.093	2.69	25.1	16.1	0.72	705	1.42	1.89	7.3	2.0	600
N828583		2.86	15.70	0.22	1.3	0.055	2.74	28.2	13.7	0.79	592	1.39	2.20	7.7	2.1	580
N828584		2.93	15.05	0.20	1.2	0.104	2.79	24.2	12.3	0.69	720	1.37	1.92	7.3	1.9	570
N828585		2.92	15.60	0.20	1.3	0.095	2.82	25.9	11.3	0.71	718	1.46	1.95	7.3	1.9	590
N828586		3.06	15.10	0.20	1.3	0.138	2.87	25.0	12.5	0.71	851	1.53	1.46	7.0	1.8	560
N828587		4.19	14.50	0.23	1.0	0.339	2.54	27.2	48.9	0.53	1350	3.06	0.06	6.5	1.8	520
N828588		3.28	16.90	0.21	1.3	0.058	2.79	25.4	22.1	0.69	632	1.84	1.40	8.2	1.9	700
N828589		2.95	16.45	0.21	1.2	0.048	2.85	24.2	31.4	0.65	577	1.32	1.30	7.8	1.9	620
N828590		2.97	16.70	0.20	1.3	0.047	2.91	25.1	32.8	0.65	578	1.26	1.29	8.1	2.0	620
N828591		3.73	16.40	0.23	1.3	0.123	3.04	30.9	58.2	0.69	1070	1.43	0.27	7.8	2.0	640
N828592		2.69	15.80	0.19	1.2	0.087	2.99	17.2	25.3	0.40	527	1.32	0.14	7.7	1.6	600
N828593		3.80	16.00	0.23	1.2	0.231	3.13	35.2	30.3	0.80	1460	3.48	0.16	7.3	1.8	580
N828594		8.00	12.55	0.27	1.1	4.69	2.33	19.7	30.6	0.62	3080	15.25	0.08	5.2	12.4	450
N828595		9.22	10.70	0.28	0.6	0.893	2.10	18.5	11.2	1.32	3170	8.16	0.02	4.0	1.3	320
N828596		0.49	0.31	0.19	<0.1	0.007	0.04	0.8	1.0	12.95	222	0.20	0.01	0.3	1.0	190
N828597		6.28	11.05	0.23	0.7	0.438	2.16	21.5	15.2	1.46	5680	9.51	0.02	4.1	1.5	310
N828598		3.58	12.85	0.19	1.0	0.143	2.57	24.6	33.0	0.54	1400	9.41	0.03	5.6	1.9	430
N828599		3.50	15.00	0.20	1.0	0.149	2.44	28.9	128.0	0.76	1290	2.68	0.08	7.0	1.9	600
N828600		5.89	14.80	0.26	1.0	0.896	2.95	27.5	14.6	0.96	1700	2.85	0.03	6.3	1.9	580
M897001		0.47	0.40	0.21	<0.1	0.005	0.07	0.7	1.7	12.35	213	0.26	<0.01	0.4	1.9	160
M897002		3.65	16.05	0.22	1.3	0.093	2.82	21.8	22.3	0.81	585	2.90	1.20	8.1	2.1	690
M897003		3.40	16.50	0.22	1.2	0.063	2.86	22.6	19.5	0.82	698	2.39	1.39	8.2	2.2	670
M897004		3.35	16.05	0.23	1.1	0.118	3.01	26.6	47.5	0.79	761	3.11	0.23	7.1	2.1	630
M897005		3.10	16.90	0.21	1.3	0.065	2.93	23.8	41.3	0.77	540	1.58	0.54	8.2	1.8	660
M897006		2.98	15.95	0.22	1.1	0.052	2.88	22.7	12.0	0.71	600	2.02	1.93	7.3	2.0	610
M897007		2.86	15.45	0.20	1.0	0.050	2.80	22.8	11.5	0.69	575	1.97	1.94	7.0	1.8	600
M897008		3.81	15.95	0.24	1.1	0.084	2.81	25.2	15.5	0.74	850	1.74	1.45	6.3	2.0	630
M897009		3.35	15.85	0.23	1.0	0.110	3.02	20.4	34.4	0.65	800	1.50	0.74	6.6	1.9	620
M897010		6.78	13.65	0.26	0.9	1.730	2.67	25.3	22.1	0.90	1900	13.40	0.04	5.7	14.2	460
M897011		4.88	15.55	0.24	0.8	0.452	3.05	31.7	22.1	0.86	1720	1.42	0.48	5.5	1.9	560
M897012		3.57	15.45	0.22	1.0	0.107	2.96	26.9	54.1	0.80	1170	1.62	0.32	6.7	1.8	590
M897013		3.87	15.70	0.22	1.1	0.545	2.83	27.4	24.5	0.78	1460	1.55	0.91	7.2	2.1	570
M897014		3.13	15.80	0.21	1.2	0.053	2.58	22.4	12.9	0.72	576	1.26	2.16	7.2	2.1	600



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**CERTIFICATE OF ANALYSIS WH12147829**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828579		107.5	173.0	<0.002	2.08	18.20	14.0	1	3.3	130.0	0.59	0.09	12.8	0.272	2.81	4.6
N828580		257	169.5	<0.002	1.64	11.20	11.1	1	3.0	61.0	0.53	0.47	13.4	0.220	2.31	5.3
N828581		17.8	93.8	<0.002	0.05	5.67	11.3	1	2.1	320	0.73	<0.05	12.1	0.266	1.24	3.2
N828582		39.8	91.7	<0.002	0.13	3.25	10.0	1	2.0	301	0.65	<0.05	11.4	0.248	1.19	3.1
N828583		18.4	100.0	<0.002	0.08	2.23	10.5	1	1.7	347	0.68	<0.05	12.0	0.243	1.09	3.3
N828584		75.1	96.3	<0.002	0.33	2.90	9.7	1	2.0	305	0.67	0.06	10.2	0.236	1.32	3.5
N828585		51.4	104.0	<0.002	0.29	2.47	10.2	1	1.9	307	0.66	0.06	11.8	0.236	1.37	4.0
N828586		71.1	107.5	<0.002	0.51	5.50	9.5	1	2.3	273	0.63	0.08	11.4	0.234	1.57	3.7
N828587		157.0	107.0	<0.002	1.35	35.0	8.9	1	3.1	113.5	0.55	0.27	11.0	0.214	1.80	4.4
N828588		19.1	92.8	<0.002	0.07	8.85	11.4	1	2.1	266	0.72	<0.05	10.1	0.280	1.26	3.5
N828589		17.2	91.5	<0.002	0.04	7.65	10.1	1	2.5	261	0.68	<0.05	10.1	0.256	1.21	2.9
N828590		16.6	94.0	<0.002	0.04	7.84	10.4	1	2.5	261	0.69	<0.05	10.1	0.264	1.21	2.9
N828591		23.9	122.0	<0.002	0.20	20.0	11.4	1	2.4	109.0	0.69	<0.05	13.3	0.263	1.66	4.8
N828592		17.5	83.6	<0.002	0.11	16.60	8.7	1	2.0	124.5	0.69	<0.05	8.7	0.250	1.39	1.6
N828593		86.6	156.0	<0.002	1.38	16.50	10.7	1	3.0	88.4	0.65	0.05	13.1	0.236	2.46	5.2
N828594		9470	126.5	0.002	7.20	227	7.1	2	8.8	125.5	0.45	0.57	10.1	0.182	2.21	6.2
N828595		803	117.5	0.002	9.48	246	5.8	1	10.1	45.7	0.34	1.08	6.6	0.126	2.03	3.5
N828596		2.9	1.7	<0.002	0.02	0.60	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N828597		354	127.0	<0.002	4.50	80.7	6.3	1	6.7	48.6	0.36	0.16	7.3	0.135	2.15	4.5
N828598		79.1	153.0	<0.002	1.50	115.5	8.4	1	3.0	52.4	0.51	0.10	9.9	0.194	2.43	7.2
N828599		87.9	118.0	<0.002	0.58	22.9	10.3	1	3.1	126.5	0.63	0.07	12.0	0.237	2.04	4.4
N828600		100.0	180.5	<0.002	4.74	47.7	9.5	1	5.6	68.4	0.54	0.55	8.8	0.209	2.75	2.6
M897001		1.6	4.2	<0.002	0.02	0.16	0.3	1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M897002		29.2	104.5	<0.002	0.35	5.51	10.7	1	2.3	263	0.66	<0.05	9.8	0.281	1.42	3.0
M897003		23.7	95.5	<0.002	0.19	5.75	10.7	1	1.9	298	0.67	0.05	9.5	0.275	1.35	3.0
M897004		71.9	126.5	<0.002	0.57	7.82	10.5	1	2.9	167.5	0.61	0.08	10.5	0.248	1.77	5.7
M897005		25.7	94.1	<0.002	0.20	7.47	10.4	1	1.9	214	0.75	<0.05	11.3	0.276	1.38	3.0
M897006		17.4	97.1	<0.002	0.20	4.12	9.8	1	1.8	346	0.61	<0.05	9.7	0.243	1.24	3.3
M897007		16.9	86.2	<0.002	0.19	3.86	9.6	1	1.9	342	0.62	<0.05	9.7	0.238	1.27	3.6
M897008		22.8	116.5	<0.002	0.61	7.47	10.5	1	2.2	273	0.49	0.08	9.1	0.227	1.69	4.1
M897009		18.2	108.5	<0.002	0.26	9.43	9.8	1	2.1	207	0.51	<0.05	9.0	0.236	1.78	3.3
M897010		2820	148.5	<0.002	4.94	97.9	7.5	1	8.3	93.4	0.50	0.54	10.4	0.178	2.28	5.5
M897011		96.1	144.5	<0.002	1.12	12.45	9.4	1	3.2	111.0	0.47	0.12	11.2	0.194	2.11	4.4
M897012		37.5	118.0	<0.002	0.54	8.96	9.9	1	2.2	143.0	0.60	<0.05	12.3	0.234	2.10	5.2
M897013		147.0	112.0	<0.002	1.16	12.35	10.0	1	4.0	209	0.66	0.07	11.6	0.239	1.75	3.9
M897014		20.8	76.8	<0.002	0.17	3.68	9.1	1	2.0	336	0.69	<0.05	9.4	0.239	1.21	3.4



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**CERTIFICATE OF ANALYSIS WH12147829**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828579		80	5.8	17.4	182	30.0		
N828580		64	4.3	13.0	619	28.1		
N828581		77	2.2	15.3	61	33.0		
N828582		72	1.8	13.4	103	30.2		
N828583		68	1.6	15.0	50	31.4		
N828584		67	1.8	13.1	177	29.5		
N828585		69	1.9	13.8	157	30.9		
N828586		67	1.8	12.4	238	30.7		
N828587		61	41.7	10.0	307	27.5		
N828588		85	2.9	15.4	51	32.4		
N828589		74	2.5	13.9	39	30.2		
N828590		76	2.7	14.2	40	32.7		
N828591		78	4.0	15.5	71	30.5		
N828592		74	3.0	11.9	50	31.0		
N828593		71	3.9	13.8	352	29.6		
N828594		54	4.3	8.5	>10000	30.0	124	1.625
N828595		44	4.5	6.5	1040	15.6		
N828596		4	0.1	0.7	23	<0.5		
N828597		45	4.9	6.7	1220	17.5		
N828598		61	5.1	9.2	150	25.0		
N828599		73	5.2	12.2	289	24.1		
N828600		66	7.0	10.7	340	25.4		
M897001		4	0.1	0.8	19	<0.5		
M897002		84	2.4	14.0	118	36.4		
M897003		79	3.0	14.5	53	31.2		
M897004		75	2.5	16.3	127	27.5		
M897005		79	4.1	14.3	68	34.3		
M897006		73	2.0	13.1	59	27.5		
M897007		71	2.0	12.1	61	25.7		
M897008		73	2.7	12.4	64	28.2		
M897009		75	2.2	12.6	69	25.5		
M897010		59	5.2	8.8	5350	22.8		
M897011		72	3.5	10.2	451	19.3		
M897012		73	2.6	12.4	119	24.0		
M897013		70	2.5	13.3	1730	26.0		
M897014		73	1.2	13.2	60	26.5		



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**CERTIFICATE OF ANALYSIS WH12147829**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12148780**

Project: Klaza-71

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12148780**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897015		10.41	<0.005	0.12	7.44	12.6	2160	1.69	0.17	2.53	0.18	48.4	4.9	12	12.75	2.7
M897016		12.35	<0.005	0.13	7.21	14.2	2030	1.54	0.22	2.78	0.14	45.1	4.6	12	11.50	4.8
M897017		<0.02	<0.005	0.11	7.20	13.1	1950	1.61	0.24	2.70	0.14	42.3	4.5	12	10.15	5.9
M897018		13.38	0.005	0.11	7.19	15.4	1990	1.62	0.23	2.68	0.15	40.1	5.7	9	12.50	6.9
M897019		9.83	0.010	0.22	6.62	13.4	1140	1.54	0.35	3.08	1.45	52.2	3.7	8	8.01	22.8
M897020		0.25	4.61	>100	5.43	6790	220	1.12	56.5	1.94	221	32.9	9.5	15	10.85	1280
M897021		4.86	0.209	6.83	6.34	219	450	1.42	10.95	2.20	15.10	44.6	5.7	5	11.30	109.5
M897022		5.79	<0.005	0.15	7.41	45.8	1340	1.87	0.15	2.65	0.19	70.4	7.2	20	17.10	9.6
M897023		8.22	0.022	1.15	7.09	82.2	980	1.99	1.62	2.13	2.97	53.9	5.7	7	21.1	34.1
M897024		9.25	0.016	0.41	7.30	37.5	1150	1.65	0.97	2.77	0.24	83.4	7.0	7	14.20	49.0
M897025		4.38	0.007	0.28	7.38	34.0	1470	1.64	0.32	2.61	0.20	51.8	3.3	6	16.40	46.3
M897026		5.37	1.055	5.87	7.19	298	200	1.62	9.16	1.78	7.67	64.0	8.8	7	14.85	109.5
M897027		2.54	<0.005	0.02	0.10	<5	20	0.06	0.03	20.7	0.09	1.42	1.1	<1	0.20	1.6
M897028		4.35	0.056	0.69	7.55	40.6	1210	1.74	1.61	2.91	0.77	51.3	5.8	7	14.75	43.0
M897029		5.48	0.011	0.15	7.42	28.2	1200	1.54	0.29	2.57	0.54	59.3	5.7	14	16.30	3.2
M897030		4.63	1.305	81.8	6.78	270	1050	1.31	181.0	2.76	18.25	59.9	4.8	5	12.40	488
M897031		8.67	0.008	0.83	7.25	14.8	1270	1.66	1.48	3.09	4.29	49.6	3.8	8	10.85	21.1
M897032		0.23	2.15	23.8	6.03	2870	820	1.26	18.50	2.22	79.0	42.5	11.0	17	13.70	442
M897033		8.23	0.594	9.04	6.03	754	390	1.16	16.55	2.54	7.72	67.7	6.7	4	9.45	179.5
M897034		4.74	0.032	1.29	8.07	71.3	630	1.91	5.07	2.47	0.53	116.0	10.5	5	12.70	36.8
M897035		4.36	0.238	20.5	5.94	537	270	1.38	6.80	3.70	420	40.1	4.7	5	11.90	212
M897036		1.09	<0.005	0.04	0.09	5	20	0.06	0.05	21.0	0.51	1.48	1.0	<1	0.16	1.6
M897037		12.66	0.010	0.52	7.64	39.2	1460	1.59	0.39	2.04	4.04	51.7	4.8	8	19.95	15.0
M897038		5.33	0.009	5.28	7.78	57.4	1330	1.78	9.34	1.80	1.36	54.0	4.1	7	19.00	71.1
M897039		9.25	0.015	0.64	7.72	20.7	1800	1.63	0.78	2.69	4.20	39.6	3.1	8	9.22	15.1
M897040		8.36	0.011	1.35	6.92	28.4	820	1.59	2.11	2.91	15.55	27.5	4.7	8	7.36	32.0
M897041		3.83	0.028	0.56	6.97	115.0	880	1.62	0.64	2.30	4.23	28.2	2.1	6	10.35	10.8
M897042		4.80	<0.005	0.35	7.69	8.9	820	1.47	0.63	1.79	0.33	35.2	3.9	7	7.58	2.7
M897043		2.46	<0.005	0.40	7.62	9.8	780	1.48	0.75	1.83	0.42	35.3	4.4	7	7.68	4.2
M897045		3.63	0.583	10.05	6.35	877	230	1.33	17.35	1.27	22.1	33.4	4.1	7	7.31	121.0
M897044		3.70	<0.005	0.19	7.68	18.2	870	1.60	0.41	2.10	0.56	36.3	4.3	7	8.80	1.9
M897046		8.33	0.025	1.24	7.82	99.6	1180	1.59	1.91	1.80	8.82	38.7	4.7	7	8.62	32.1
M897047		3.64	0.190	2.16	6.49	518	420	1.67	3.54	1.51	4.78	39.1	3.7	7	11.65	32.9
M897048		5.40	0.035	7.00	7.33	56.0	1290	1.63	12.60	2.36	10.65	45.5	5.4	8	18.15	16.3
M897049		5.60	0.018	1.21	7.65	49.1	2130	1.78	1.81	2.42	7.19	43.1	6.0	7	12.05	78.5
M897050		4.28	0.011	0.90	7.26	28.1	1810	1.69	1.41	1.49	6.31	43.8	4.3	6	19.00	16.6





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**CERTIFICATE OF ANALYSIS WH12148780**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897015		3.15	18.25	0.13	1.1	0.044	2.45	24.6	18.4	0.84	476	1.24	2.27	8.5	3.1	620
M897016		3.01	18.30	0.14	0.9	0.053	2.45	22.1	13.5	0.74	566	4.44	2.19	8.0	3.0	580
M897017		2.94	16.75	0.09	1.0	0.046	2.36	21.4	14.3	0.72	547	1.72	2.16	7.9	2.9	580
M897018		3.05	17.00	0.12	1.0	0.039	2.32	20.1	15.5	0.79	509	1.70	1.99	8.0	2.9	590
M897019		2.39	15.95	0.13	0.8	0.115	2.27	26.7	13.3	0.72	827	0.75	0.76	5.7	2.3	560
M897020		8.06	12.85	0.08	1.0	4.51	2.24	16.9	30.7	0.62	3010	14.80	0.08	5.5	14.1	460
M897021		6.53	14.45	0.08	0.8	1.575	2.78	23.7	11.6	1.14	2250	9.13	0.04	5.6	3.6	490
M897022		2.72	19.75	0.15	4.6	0.033	2.26	36.2	106.0	0.92	780	1.46	0.05	11.2	9.4	1290
M897023		4.56	16.70	0.12	1.3	0.354	2.79	29.1	17.4	0.87	1640	9.54	0.05	7.5	3.9	580
M897024		2.66	17.75	0.12	1.0	0.164	2.95	47.8	32.7	0.86	1000	1.27	0.08	6.4	3.3	590
M897025		2.67	17.15	0.11	1.0	0.075	2.51	26.3	78.8	0.85	895	1.37	0.08	7.6	2.9	580
M897026		6.54	17.15	0.14	1.3	0.518	3.02	34.8	14.9	0.60	1020	1.15	0.04	6.0	4.8	660
M897027		0.50	0.31	0.06	<0.1	0.006	0.04	0.7	1.1	13.00	211	0.11	<0.01	0.2	1.2	180
M897028		4.43	16.80	0.06	1.1	0.125	2.58	24.6	52.1	0.85	1210	1.24	0.12	7.9	2.8	670
M897029		2.85	18.05	0.10	2.6	0.057	2.41	29.2	63.3	0.89	912	0.77	0.06	9.4	5.3	990
M897030		5.65	16.15	0.11	0.8	0.538	2.71	32.5	27.0	0.98	3250	25.8	0.07	5.6	3.4	490
M897031		2.76	16.80	0.10	0.9	0.140	2.72	23.0	57.2	0.89	1280	1.39	0.11	6.1	2.8	590
M897032		6.78	14.20	0.09	0.9	1.665	2.60	22.9	23.0	0.91	1860	13.15	0.04	6.0	16.0	440
M897033		8.03	15.00	0.12	0.7	0.307	2.71	39.4	11.5	0.89	3280	14.50	0.04	4.6	3.6	470
M897034		6.10	21.5	0.16	0.8	0.506	2.98	71.3	61.7	1.06	1980	2.42	0.07	5.3	7.3	650
M897035		6.74	21.6	0.09	0.7	7.82	2.50	19.3	16.4	0.70	2170	59.8	0.04	4.1	5.0	470
M897036		0.50	0.29	0.07	<0.1	0.014	0.03	0.8	0.9	13.25	218	0.27	<0.01	0.2	0.9	180
M897037		3.41	16.55	0.06	1.0	0.131	2.71	26.3	38.1	0.82	1080	4.66	0.05	8.0	2.9	620
M897038		4.68	16.55	0.09	1.1	0.153	3.18	28.3	24.8	0.93	1880	3.56	0.06	7.8	2.7	620
M897039		2.60	16.95	0.10	1.0	0.158	3.15	16.3	61.6	1.00	1350	1.11	0.15	6.3	3.0	590
M897040		2.30	15.95	0.08	0.9	0.306	2.77	9.8	45.4	0.88	1040	3.48	0.17	6.0	2.9	540
M897041		1.37	17.00	0.08	0.8	0.073	2.81	10.2	35.5	0.90	1260	3.20	0.21	5.9	2.9	540
M897042		1.56	17.85	0.09	1.0	0.053	2.45	14.6	88.0	0.67	715	0.89	0.17	6.1	3.2	610
M897043		1.63	17.80	0.10	1.0	0.054	2.43	14.7	89.0	0.67	741	0.98	0.18	5.9	3.2	610
M897045		4.70	14.80	0.10	0.8	0.593	2.41	15.5	33.6	0.56	1140	1.99	0.07	5.1	2.7	460
M897044		1.88	17.40	0.11	1.0	0.077	2.33	15.9	72.1	0.77	1120	0.60	0.12	6.7	2.6	590
M897046		2.81	18.15	0.12	1.0	0.341	2.63	16.9	70.1	0.74	1290	0.95	0.10	6.5	3.8	610
M897047		5.83	15.60	0.10	0.9	0.217	2.81	19.7	13.6	0.86	2370	3.58	0.04	5.8	2.7	480
M897048		3.51	16.15	0.11	1.1	0.263	2.88	23.2	17.0	0.93	1290	1.30	0.07	7.3	3.2	550
M897049		3.13	17.85	0.13	0.9	0.224	2.96	18.7	54.2	0.93	1250	0.64	0.10	6.4	3.3	570
M897050		2.90	16.80	0.10	1.0	0.211	2.26	20.7	187.0	0.60	1020	2.66	0.04	7.4	2.9	570



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**CERTIFICATE OF ANALYSIS WH12148780**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897015		18.9	84.5	<0.002	0.06	3.28	12.2	1	2.2	362	0.74	<0.05	10.8	0.270	0.96	4.7
M897016		15.4	88.1	<0.002	0.10	2.82	11.5	1	2.2	353	0.66	<0.05	10.0	0.259	1.08	3.9
M897017		16.9	86.1	<0.002	0.09	2.54	10.8	1	1.9	351	0.63	<0.05	10.8	0.242	1.05	3.1
M897018		17.5	79.4	<0.002	0.09	3.20	10.7	1	1.9	360	0.61	<0.05	10.9	0.250	0.95	2.9
M897019		27.5	105.5	<0.002	0.24	7.57	9.8	1	2.2	164.5	0.44	0.08	10.6	0.187	1.83	3.0
M897020		9580	127.0	<0.002	7.18	219	7.7	2	8.1	117.5	0.41	0.54	8.8	0.180	2.08	5.0
M897021		278	151.5	<0.002	3.17	32.8	9.2	1	7.1	78.9	0.42	0.56	10.4	0.181	2.61	5.1
M897022		16.3	73.5	<0.002	0.08	16.85	6.7	1	1.3	356	0.70	<0.05	10.0	0.330	1.06	7.0
M897023		98.6	153.5	<0.002	1.09	21.5	11.0	1	3.9	120.0	0.59	0.16	13.5	0.221	2.60	9.3
M897024		17.0	141.5	<0.002	0.70	16.15	11.1	1	2.4	80.5	0.52	0.27	13.2	0.195	2.42	4.6
M897025		14.1	109.5	<0.002	0.42	13.60	11.3	1	1.8	139.0	0.60	0.06	12.5	0.232	2.17	3.5
M897026		142.0	204	<0.002	5.65	22.5	9.4	1	4.6	149.5	0.46	0.55	11.0	0.193	2.72	3.1
M897027		1.5	1.7	<0.002	0.03	0.10	0.3	<1	<0.2	42.9	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M897028		34.9	108.5	<0.002	0.56	8.70	11.5	1	2.5	147.5	0.65	0.08	12.0	0.246	2.01	4.1
M897029		16.9	92.9	<0.002	0.23	14.70	9.0	1	2.1	290	0.65	<0.05	10.6	0.293	1.76	3.3
M897030		930	149.5	<0.002	3.42	94.9	10.2	1	5.4	108.0	0.43	0.44	11.3	0.179	2.44	5.4
M897031		83.5	127.0	<0.002	0.42	7.35	10.7	1	2.4	148.5	0.49	0.09	12.1	0.196	2.33	4.7
M897032		2820	156.0	0.002	4.90	87.1	8.4	1	7.6	90.1	0.45	0.41	10.7	0.178	2.22	5.0
M897033		280	177.0	<0.002	7.28	67.2	8.9	1	4.8	49.6	0.36	0.43	9.8	0.148	2.76	3.0
M897034		47.9	129.5	<0.002	2.49	18.10	12.2	1	4.4	85.6	0.38	0.31	11.0	0.172	2.66	4.1
M897035		4340	129.5	<0.002	7.41	78.3	9.3	3	48.7	80.7	0.29	0.14	8.6	0.135	2.79	4.7
M897036		6.5	1.6	<0.002	0.02	0.25	0.3	<1	<0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M897037		87.7	125.0	<0.002	0.81	19.00	11.5	<1	3.4	100.5	0.62	<0.05	12.9	0.253	2.62	5.4
M897038		125.0	169.5	<0.002	0.51	30.4	11.9	1	3.2	65.7	0.62	<0.05	13.8	0.243	3.11	6.6
M897039		169.5	171.5	<0.002	0.74	6.12	11.8	<1	3.3	86.9	0.50	0.10	14.4	0.201	2.78	4.8
M897040		157.0	171.5	0.002	1.13	8.22	10.5	1	2.4	113.0	0.49	0.23	12.6	0.187	2.64	4.6
M897041		110.0	186.0	0.002	0.49	7.25	12.6	1	2.4	110.0	0.48	0.09	12.8	0.184	2.59	2.6
M897042		20.3	157.5	<0.002	0.70	9.46	11.2	1	2.2	105.0	0.51	0.22	14.3	0.197	2.22	4.0
M897043		21.0	156.0	<0.002	0.80	10.90	11.9	1	2.3	109.5	0.50	0.25	14.4	0.192	2.22	4.3
M897045		181.0	159.5	<0.002	3.51	37.0	9.0	<1	4.0	42.9	0.41	0.33	11.1	0.160	2.33	3.9
M897044		26.4	140.5	<0.002	0.53	6.26	11.2	<1	2.4	115.5	0.51	0.10	12.4	0.218	2.22	4.2
M897046		111.5	155.0	<0.002	0.71	13.95	11.9	1	3.3	110.0	0.51	0.09	13.6	0.213	2.47	4.2
M897047		154.0	173.0	<0.002	2.30	23.7	9.6	<1	6.2	44.5	0.46	0.09	11.8	0.185	2.78	4.3
M897048		670	153.5	<0.002	0.98	8.04	11.0	1	2.4	79.5	0.61	0.21	13.7	0.224	2.57	6.3
M897049		92.0	157.5	<0.002	0.87	32.1	11.9	1	3.4	86.6	0.51	0.30	13.9	0.197	2.33	5.3
M897050		99.9	116.5	<0.002	0.49	24.7	11.1	1	2.8	133.5	0.61	0.06	14.2	0.226	2.04	3.7



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 Account: ROCKHA

Project: Klaza-71

**CERTIFICATE OF ANALYSIS WH12148780**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M897015		76	1.2	15.6	58	30.0		
M897016		71	1.4	15.4	53	27.1		
M897017		68	1.3	15.5	53	27.5		
M897018		68	1.5	15.5	48	28.2		
M897019		63	1.2	12.7	162	22.0		
M897020		50	4.3	9.3	>10000	31.4	116	1.615
M897021		57	5.3	7.4	966	24.8		
M897022		59	1.5	12.5	78	193.0		
M897023		63	5.4	12.6	253	39.0		
M897024		71	2.2	14.0	55	27.9		
M897025		69	3.0	14.6	52	28.8		
M897026		64	3.8	10.4	593	45.5		
M897027		<1	0.1	0.8	18	<0.5		
M897028		72	2.6	15.0	104	30.4		
M897029		66	1.8	13.8	89	103.0		
M897030		60	2.7	12.3	1300	22.3		
M897031		67	2.1	14.1	326	25.7		
M897032		55	5.0	10.4	5300	25.9		
M897033		58	4.3	9.9	633	18.9		
M897034		113	2.4	14.9	146	25.2		
M897035		75	4.1	11.2	>10000	20.9		2.85
M897036		1	0.2	0.8	46	<0.5		
M897037		73	4.4	13.6	310	28.1		
M897038		79	5.4	13.8	197	31.4		
M897039		77	2.2	13.4	363	26.2		
M897040		75	1.5	9.4	1080	24.0		
M897041		81	1.6	10.7	338	23.9		
M897042		69	1.3	12.1	49	27.4		
M897043		68	1.3	12.5	58	27.7		
M897045		51	2.8	9.9	1620	22.6		
M897044		71	2.1	13.6	84	29.9		
M897046		77	2.3	13.0	699	27.3		
M897047		57	5.1	9.1	477	23.6		
M897048		63	3.5	15.7	760	29.3		
M897049		78	4.3	14.4	536	27.0		
M897050		65	5.2	12.9	581	28.9		



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**CERTIFICATE OF ANALYSIS WH12148780**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12151246**

Project: Klaza-71

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12151246**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M899051		9.89	0.022	0.40	7.06	44.8	1630	1.50	0.51	1.94	0.74	46.0	4.1	8	15.60	6.9
M899052		4.78	1.135	22.6	4.42	5710	100	0.92	31.2	3.06	7.31	25.9	3.1	8	9.87	1140
M899053		4.19	0.489	71.3	4.16	1220	260	0.84	110.0	5.56	151.0	24.6	1.4	6	15.30	1100
M899054		1.88	<0.005	0.12	0.07	14	50	0.12	0.19	20.8	0.68	1.25	1.0	2	0.18	4.8
M899055		6.78	0.086	1.96	7.27	129.5	690	1.25	2.15	2.26	3.51	38.6	2.2	9	12.35	22.4
M899056		6.58	0.014	0.89	7.07	20.6	680	1.42	1.40	2.41	1.53	39.7	2.2	9	8.50	9.5
M899057		9.94	0.029	1.15	6.88	35.6	640	1.32	1.77	2.14	1.57	36.6	3.0	9	7.83	20.4
M899058		1.79	0.021	0.62	6.76	17.9	560	1.42	1.28	1.93	0.92	33.2	3.9	9	7.33	19.4
M899059		3.78	0.029	0.46	7.01	14.6	700	1.40	0.93	2.13	0.68	35.9	5.6	9	6.37	3.0
M899060		0.21	2.32	24.4	5.81	3460	530	1.08	19.15	2.12	76.1	44.1	9.6	19	14.05	448
M899061		4.97	0.074	1.25	6.74	20.2	820	1.50	1.38	2.55	1.87	36.1	4.7	8	9.96	13.1
M899062		4.42	0.041	1.71	6.55	10.7	720	1.29	2.21	2.27	6.62	48.2	3.8	9	4.49	8.7
M899063		7.96	0.011	2.21	7.13	50.6	820	1.48	3.44	1.37	13.65	41.5	2.2	8	6.40	58.8
M899064		10.65	<0.005	0.35	6.54	9.6	530	1.70	0.55	2.91	1.00	29.4	2.2	9	8.98	6.3
M899065		5.30	<0.005	0.26	7.03	10.5	410	1.71	0.35	3.80	0.27	34.8	1.7	10	8.96	14.8
M899066		1.95	<0.005	0.20	7.42	9.8	370	1.62	0.28	3.94	0.24	36.4	1.5	9	9.77	17.9
M899067		7.01	<0.005	0.41	6.93	12.3	440	1.55	0.64	2.30	0.81	25.5	1.7	10	7.71	15.9
M899068		7.16	0.843	34.5	5.71	1150	1270	1.23	80.4	0.65	103.0	26.3	6.6	8	16.60	589
M899069		5.27	1.065	8.02	6.36	7530	580	1.26	15.15	0.71	3.57	42.8	5.0	8	12.75	125.0
M899070		2.62	<0.005	0.13	0.07	6	20	0.09	0.27	19.55	0.33	1.15	1.1	2	0.19	5.2
M899071		9.32	0.040	0.98	6.85	92.5	1080	1.49	1.14	2.64	2.21	33.6	2.6	10	12.10	11.1
M899072		9.52	0.121	0.64	6.57	371	540	1.57	1.06	2.74	0.94	36.5	3.8	9	12.25	9.4
M899073		7.29	0.024	0.59	6.74	58.7	540	1.67	0.73	3.01	2.15	29.1	2.8	9	9.94	13.7
M899074		<0.02	0.023	0.56	6.94	61.8	540	1.72	0.82	3.04	2.14	32.1	2.9	9	10.35	14.4
M899075		4.49	1.155	13.00	5.59	659	50	1.35	18.90	1.92	0.83	17.40	8.6	8	6.89	330
M899076		4.15	1.385	10.00	6.30	503	160	1.31	15.90	0.33	2.19	33.5	6.3	9	4.10	81.9
M899077		5.35	0.012	0.98	6.92	14.0	640	1.57	1.46	4.04	1.33	32.5	3.3	11	5.46	6.0
M899078		11.62	0.041	0.85	7.12	76.8	780	1.41	1.06	4.25	2.83	28.4	2.2	10	7.62	25.1
M899079		12.70	<0.005	0.19	6.91	8.6	560	1.69	0.40	4.42	0.17	30.5	2.2	10	7.62	9.9
M899080		11.90	<0.005	0.14	7.13	6.3	850	1.73	0.18	4.12	0.44	36.6	3.0	11	9.16	2.7
M899081		9.80	<0.005	0.15	7.10	6.3	540	1.72	0.20	4.45	0.24	32.6	2.2	10	8.25	1.7
M899082		0.22	0.770	9.26	6.37	1805	240	1.62	6.29	2.00	40.6	36.9	17.6	20	14.95	105.0
M899083		10.32	<0.005	0.13	7.29	8.9	900	1.66	0.17	3.67	0.29	38.0	2.7	10	9.70	2.2
M899084		11.28	<0.005	0.18	7.33	10.6	670	1.59	0.28	3.66	0.21	32.8	2.2	11	11.85	3.5
M899085		12.05	0.022	0.39	7.02	21.3	1660	1.60	0.38	3.24	0.33	32.1	3.9	11	11.30	4.9
M899086		11.86	<0.005	0.19	7.75	8.0	750	1.81	0.26	4.14	0.18	35.1	2.8	11	10.80	2.9



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Project: Klaza-71

**CERTIFICATE OF ANALYSIS WH12151246**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899051		2.90	16.80	0.10	1.0	0.101	2.28	22.0	208	0.74	1120	1.36	0.05	7.6	2.5	550
M899052		8.18	11.90	0.16	0.5	0.708	1.98	11.4	12.0	1.12	2230	2.17	0.03	3.4	2.5	290
M899053		5.06	12.40	0.12	0.5	2.28	1.71	11.0	11.9	1.72	4500	7.62	0.05	3.4	2.0	280
M899054		0.47	0.28	<0.05	<0.1	0.020	0.02	0.6	0.9	13.20	215	0.11	<0.01	0.2	2.5	160
M899055		2.97	17.40	0.11	0.9	0.233	3.40	14.8	10.7	0.91	1520	1.22	0.06	5.9	2.4	540
M899056		2.41	16.70	0.10	1.0	0.162	2.88	14.5	45.6	0.98	1110	0.64	0.15	6.2	2.2	530
M899057		2.47	15.85	0.10	0.8	0.185	2.62	13.3	53.4	0.74	1580	1.50	0.13	5.7	2.1	490
M899058		1.67	17.25	0.09	0.9	0.134	2.11	11.9	72.0	0.47	756	2.23	0.12	6.2	2.0	560
M899059		1.78	17.50	0.10	0.8	0.147	2.19	12.5	34.9	0.72	891	6.11	0.13	5.9	2.2	570
M899060		6.33	13.55	0.17	0.9	1.820	2.59	24.0	19.5	0.89	1810	12.80	0.04	5.7	14.0	430
M899061		2.38	16.15	0.11	0.7	0.267	2.53	14.3	41.3	0.95	1460	44.8	0.13	5.0	2.4	700
M899062		2.22	15.60	0.11	0.7	0.435	2.79	21.1	51.7	0.83	1600	24.6	0.09	5.7	2.2	580
M899063		3.20	17.20	0.13	0.7	0.725	2.71	15.2	69.1	0.70	1560	5.46	0.08	5.2	1.4	550
M899064		1.25	16.80	0.10	0.9	0.142	1.80	11.0	95.5	0.78	748	2.42	0.50	6.7	2.2	500
M899065		1.34	17.25	0.09	1.1	0.135	0.83	12.8	20.4	0.75	673	0.37	2.79	8.3	2.1	590
M899066		1.32	17.15	0.10	1.1	0.130	0.76	14.2	22.6	0.75	722	0.30	2.71	8.3	2.2	610
M899067		1.50	17.30	0.10	0.9	0.247	2.17	8.4	39.9	0.52	834	0.34	0.75	6.8	2.0	540
M899068		7.16	14.60	0.20	0.7	3.80	2.67	9.9	13.9	0.45	1080	40.9	0.05	4.9	2.6	450
M899069		6.87	15.25	0.19	0.8	0.604	3.08	17.9	8.7	0.46	744	6.54	0.04	5.8	2.5	470
M899070		0.47	0.25	0.05	<0.1	0.018	0.03	0.5	0.8	12.35	216	0.25	<0.01	0.2	2.8	170
M899071		2.85	14.95	0.18	0.9	0.271	3.35	13.4	20.9	0.97	1840	2.18	0.05	6.5	1.6	530
M899072		2.87	14.45	0.18	1.0	0.154	2.47	16.6	57.1	0.97	1300	1.16	0.06	7.4	3.0	520
M899073		2.52	15.80	0.15	1.0	0.233	2.70	11.9	19.4	0.69	1200	0.55	0.63	7.9	2.3	560
M899074		2.51	16.05	0.18	1.0	0.234	2.73	13.5	19.5	0.70	1200	0.47	0.63	7.8	2.2	570
M899075		10.85	14.15	0.19	0.7	0.356	2.50	6.1	34.3	0.76	1440	21.2	0.04	4.9	2.6	1490
M899076		8.62	14.95	0.19	0.7	0.270	3.09	12.9	27.5	0.42	765	4.62	0.05	5.5	1.7	500
M899077		2.43	15.85	0.13	0.8	0.288	2.93	11.6	22.8	0.79	1500	1.61	0.37	6.0	1.6	590
M899078		3.15	15.80	0.16	0.9	0.284	1.94	10.3	24.2	0.76	1220	0.64	0.94	6.9	1.7	570
M899079		1.81	16.05	0.15	1.0	0.136	1.21	11.9	14.5	0.71	705	0.76	2.44	7.9	2.0	590
M899080		2.05	16.10	0.14	1.1	0.072	1.23	16.3	20.5	0.89	625	1.00	2.42	8.2	2.3	560
M899081		1.39	16.00	0.15	1.0	0.072	0.92	13.2	26.5	0.86	573	1.01	2.59	8.1	1.9	550
M899082		5.34	14.70	0.19	1.4	0.838	2.96	18.7	27.9	0.71	1930	13.00	0.28	7.5	15.5	470
M899083		1.91	15.65	0.16	1.0	0.042	1.22	17.3	21.6	0.98	534	0.84	2.88	8.1	2.2	560
M899084		1.55	16.05	0.17	0.9	0.057	0.83	12.9	26.1	1.09	563	0.74	2.69	8.4	2.1	610
M899085		2.45	15.95	0.17	1.1	0.063	1.58	13.7	28.1	0.64	498	0.70	1.54	7.9	2.5	600
M899086		2.03	17.90	0.16	1.0	0.061	1.12	13.9	25.2	0.95	591	0.78	3.17	8.7	2.2	680



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**CERTIFICATE OF ANALYSIS WH12151246**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899051		51.4	99.3	<0.002	0.62	14.90	8.9	1	2.6	148.5	0.67	<0.05	13.9	0.235	2.42	4.5
M899052		367	135.0	<0.002	7.48	232	5.5	1	7.8	87.0	0.30	0.30	7.5	0.116	2.07	3.1
M899053		5180	103.5	<0.002	3.21	117.5	4.6	2	24.4	87.7	0.30	0.21	7.9	0.111	1.95	3.3
M899054		9.8	1.4	<0.002	0.02	0.52	0.2	1	0.2	46.7	<0.05	<0.05	<0.2	<0.005	0.02	0.8
M899055		158.0	223	<0.002	1.43	10.80	9.1	1	5.4	52.9	0.51	0.11	15.2	0.188	3.64	3.8
M899056		57.4	178.5	<0.002	0.41	6.79	9.0	1	3.2	84.3	0.62	0.15	16.2	0.186	2.97	4.9
M899057		85.4	164.5	<0.002	0.76	15.40	8.9	1	3.4	87.2	0.52	0.33	13.8	0.179	2.66	3.6
M899058		31.1	104.0	<0.002	0.55	24.1	8.8	1	3.2	102.5	0.53	0.55	13.1	0.199	2.01	2.6
M899059		35.2	115.5	0.002	0.55	10.20	10.4	1	3.4	89.6	0.51	0.35	14.0	0.187	2.28	3.5
M899060		2670	154.0	0.002	4.91	90.3	6.8	1	8.0	88.2	0.47	0.34	11.0	0.177	2.26	5.6
M899061		71.8	157.0	0.007	0.52	14.95	10.6	1	3.9	79.5	0.41	0.50	13.0	0.160	2.61	3.1
M899062		64.3	163.0	0.002	0.41	10.30	12.0	1	3.5	70.5	0.46	0.38	13.9	0.169	2.84	4.1
M899063		392	180.5	<0.002	0.58	23.7	9.3	1	5.0	56.7	0.45	0.38	14.8	0.160	2.88	3.9
M899064		28.3	82.5	<0.002	0.14	9.42	9.3	1	3.0	165.5	0.59	0.21	12.0	0.206	1.96	4.3
M899065		21.0	38.0	<0.002	0.10	4.21	11.0	1	2.6	411	0.74	0.09	12.9	0.243	0.97	4.1
M899066		19.0	37.2	<0.002	0.07	4.58	10.6	1	2.5	413	0.75	0.07	13.8	0.242	0.87	4.3
M899067		24.0	125.5	<0.002	0.20	9.49	9.6	1	2.9	128.5	0.62	0.13	12.5	0.207	2.28	3.4
M899068		1060	173.5	0.003	6.89	137.5	7.4	2	15.3	37.1	0.45	1.29	11.0	0.157	2.70	6.5
M899069		196.5	204	<0.002	6.06	40.4	8.2	1	6.8	27.3	0.55	0.75	12.4	0.170	2.83	3.3
M899070		4.1	1.5	<0.002	0.03	0.48	0.2	1	<0.2	43.3	<0.05	<0.05	<0.2	<0.005	0.02	0.9
M899071		113.0	191.0	<0.002	0.52	11.15	10.1	1	4.0	58.5	0.51	0.23	10.8	0.195	2.95	3.1
M899072		35.9	107.0	<0.002	0.55	19.60	9.5	1	3.2	73.8	0.55	0.08	10.3	0.221	2.56	5.5
M899073		44.4	137.0	<0.002	0.54	6.79	9.3	1	4.3	140.0	0.60	0.06	9.8	0.221	2.35	3.9
M899074		47.0	151.5	<0.002	0.56	6.70	9.8	2	4.3	142.0	0.60	0.07	10.7	0.221	2.49	4.2
M899075		223	138.5	0.015	8.65	53.5	8.6	2	7.6	53.8	0.40	2.93	12.3	0.148	1.91	4.9
M899076		1170	189.0	<0.002	6.89	28.2	8.4	1	7.1	14.9	0.44	0.64	10.8	0.165	2.24	2.1
M899077		37.8	139.0	<0.002	0.46	4.75	9.5	1	3.4	126.0	0.45	0.48	9.8	0.182	2.46	2.9
M899078		96.0	92.6	<0.002	0.78	8.10	9.5	2	3.0	221	0.54	0.18	10.4	0.207	1.79	3.3
M899079		15.9	44.2	<0.002	0.09	4.73	9.3	2	2.7	344	0.62	0.08	9.4	0.233	1.05	2.9
M899080		18.9	42.2	<0.002	0.04	4.02	10.0	1	2.4	354	0.63	<0.05	10.9	0.240	0.73	3.1
M899081		17.0	28.1	<0.002	0.05	3.07	9.5	1	2.2	354	0.64	<0.05	10.1	0.237	0.60	3.0
M899082		1335	142.0	<0.002	3.02	33.3	8.6	2	5.6	147.5	0.56	0.30	10.3	0.202	2.37	4.7
M899083		16.1	40.6	<0.002	0.05	2.41	9.9	1	2.1	427	0.65	<0.05	11.2	0.233	0.59	3.1
M899084		13.4	28.8	<0.002	0.08	3.19	10.4	2	2.5	423	0.63	0.05	10.8	0.246	0.48	2.7
M899085		45.4	52.5	<0.002	0.33	8.89	10.3	2	2.6	305	0.58	0.08	8.9	0.252	0.88	2.7
M899086		16.9	38.2	<0.002	0.07	3.95	11.9	1	2.6	455	0.61	0.06	9.4	0.281	0.67	2.5





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**CERTIFICATE OF ANALYSIS WH12151246**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
M899051		69	6.5	13.8	102	27.7	
M899052		56	5.1	8.6	633	13.7	
M899053		43	3.9	9.0	>10000	12.4	1.180
M899054		1	0.1	0.8	68	<0.5	
M899055		68	2.6	12.0	340	22.5	
M899056		69	1.7	12.0	162	24.1	
M899057		66	1.7	11.6	153	20.2	
M899058		68	1.7	11.5	110	22.8	
M899059		79	1.1	12.6	91	21.2	
M899060		57	5.8	10.6	5200	23.4	
M899061		103	1.3	12.7	189	18.6	
M899062		85	1.8	10.8	567	18.4	
M899063		60	1.7	10.2	863	18.4	
M899064		77	1.4	12.9	106	23.2	
M899065		72	0.7	17.0	58	27.7	
M899066		67	0.6	16.7	56	27.9	
M899067		63	1.4	11.9	105	22.5	
M899068		48	4.5	9.8	7150	17.6	
M899069		56	5.1	10.9	315	20.8	
M899070		2	0.1	0.9	33	<0.5	
M899071		59	3.7	11.4	213	23.7	
M899072		71	9.2	12.4	107	25.7	
M899073		66	2.6	11.5	205	26.8	
M899074		67	2.7	12.2	202	26.1	
M899075		104	5.1	8.4	111	19.1	
M899076		45	5.3	7.3	183	17.6	
M899077		59	1.0	11.6	138	20.1	
M899078		59	1.7	12.0	300	23.3	
M899079		61	0.7	13.3	49	26.6	
M899080		64	1.0	15.4	68	28.3	
M899081		61	1.0	15.3	47	26.0	
M899082		56	5.1	10.6	2930	39.3	
M899083		64	1.1	14.9	49	27.0	
M899084		64	1.4	13.9	55	25.6	
M899085		73	3.1	14.1	58	31.4	
M899086		75	1.2	15.2	56	27.5	



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**CERTIFICATE OF ANALYSIS WH12151246**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12151247**

Project: Klaza - 72

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12151247**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829735		2.87	0.005	0.53	7.04	27.6	2070	1.44	0.38	2.84	0.95	51.3	9.6	9	10.90	7.6
N829736		3.76	<0.005	0.85	7.24	17.5	1740	1.43	0.33	2.89	0.50	47.2	7.4	8	11.90	18.1
N829737		4.81	0.019	2.22	6.71	44.3	1330	1.30	0.53	2.60	0.70	42.6	7.2	9	22.9	14.5
N829738		2.53	0.007	1.39	6.37	88.9	1280	1.15	1.30	2.89	0.82	38.9	7.0	8	19.10	26.8
N829739		4.32	<0.005	0.57	6.56	27.3	1540	1.26	1.74	2.67	0.39	37.0	7.0	10	18.60	28.3
N829740		0.22	2.31	24.6	6.23	3640	220	1.35	18.95	2.30	79.4	45.9	10.1	20	15.00	457
N829741		2.63	0.063	6.92	6.81	404	940	1.23	1.89	1.73	10.45	36.9	6.8	9	16.40	58.7
N829742		2.72	0.017	2.46	7.40	296	1930	1.47	40.0	2.86	1.56	48.7	7.4	8	18.05	69.3
N829743		7.26	0.024	2.45	7.24	218	1440	1.43	9.74	2.77	2.65	44.8	6.7	10	14.10	53.5
N829744		3.65	0.119	3.87	7.33	197.0	1320	1.45	3.04	2.29	4.52	51.9	7.8	11	18.90	67.1
N829745		2.07	0.155	12.00	6.40	865	670	1.23	36.8	1.73	17.05	42.0	7.2	8	13.80	70.9
N829746		3.59	<0.005	0.06	0.09	<5	30	0.07	0.07	21.6	0.08	1.56	0.8	<1	0.35	2.7
N829747		2.64	<0.005	0.34	7.60	39.4	2010	1.46	4.19	2.84	0.87	46.3	7.1	10	12.85	50.0
N829748		8.57	<0.005	0.34	7.99	7.5	2050	1.53	1.91	2.81	0.24	53.0	7.8	11	10.95	81.8
N829749		1.99	0.006	0.58	7.38	59.0	1360	1.44	2.97	2.42	0.27	51.0	8.5	11	21.1	181.5
N829750		7.17	<0.005	0.31	7.61	8.6	1940	1.73	1.84	2.51	0.14	45.8	7.8	11	14.80	81.0
N829801		2.65	<0.005	0.10	7.82	7.0	1960	1.88	0.23	2.55	0.14	44.0	6.7	9	22.3	28.6
N829802		5.88	0.008	0.50	7.08	39.0	1460	1.58	0.43	2.15	0.93	41.7	8.3	10	21.3	40.0
N829803		2.02	<0.005	0.02	0.08	<5	20	0.06	0.01	22.3	0.06	1.34	0.6	1	0.23	1.6
N829804		6.48	<0.005	0.11	7.66	6.9	2180	1.60	0.29	2.80	0.14	45.6	8.0	10	8.31	17.4
N829805		3.04	<0.005	0.10	7.45	14.0	1870	1.48	0.33	2.96	0.09	48.5	8.0	12	16.55	21.8
N829806		5.51	<0.005	0.11	7.89	7.0	2170	1.80	0.44	3.07	0.10	50.2	9.6	12	9.77	38.3
N829807		8.11	<0.005	0.17	7.63	23.5	2070	1.49	3.51	2.80	0.68	43.9	7.8	12	8.59	47.9
N829808		6.46	<0.005	0.09	7.66	13.1	2180	1.63	0.49	2.53	0.18	43.0	8.7	10	11.00	26.1
N829809		<0.02	<0.005	0.09	7.95	13.7	2230	1.61	0.76	2.61	0.22	44.4	8.8	11	11.60	25.9
N829810		6.31	<0.005	0.40	7.74	20.2	1940	1.31	1.28	2.16	1.52	49.7	7.9	9	16.35	31.2
N829811		8.46	<0.005	0.24	7.37	26.2	2020	1.48	3.46	2.62	0.86	43.5	7.9	12	10.60	42.5
N829812		8.31	<0.005	0.17	7.56	16.9	2130	1.52	5.70	2.94	0.15	46.0	7.8	11	9.34	30.4
N829813		5.51	<0.005	0.44	7.14	72.1	2640	1.23	6.13	1.87	0.38	37.5	7.6	12	19.00	62.1
N829814		8.11	<0.005	0.32	7.67	22.1	2170	1.65	7.92	2.80	0.16	46.4	7.7	11	8.72	57.8
N829815		7.93	<0.005	0.09	7.37	7.0	2150	1.56	1.60	2.71	0.10	39.0	7.9	16	7.61	23.2
N829816		3.71	<0.005	0.09	7.90	6.3	2170	1.61	1.18	2.84	0.10	54.9	8.3	13	8.60	21.2
N829817		7.73	<0.005	0.08	7.51	5.0	2060	1.62	2.72	2.75	0.12	46.1	7.5	12	8.69	11.7
N829818		6.39	<0.005	0.10	7.21	5.6	1970	1.54	0.44	2.84	0.11	44.3	7.9	11	10.05	10.3
N829819		0.22	0.789	8.57	6.52	1785	740	1.40	5.95	1.81	39.5	44.8	14.9	19	16.35	103.5
N829820		5.34	<0.005	0.35	7.38	13.3	1450	1.23	0.99	1.90	0.25	43.0	8.5	10	18.05	17.7



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**CERTIFICATE OF ANALYSIS WH12151247**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829735		4.12	16.85	0.08	1.1	0.084	2.57	25.9	33.6	0.83	2940	1.62	1.18	7.4	3.0	580
N829736		3.70	17.45	0.09	1.3	0.111	3.37	23.2	15.1	0.83	2300	1.02	0.91	8.1	3.1	600
N829737		3.15	14.05	0.22	1.3	0.068	2.88	21.2	47.6	0.78	3190	0.96	0.46	6.9	1.9	590
N829738		3.10	13.10	0.22	1.0	0.084	2.32	19.5	63.3	0.83	2880	1.46	0.32	6.4	1.9	540
N829739		2.90	13.55	0.25	1.1	0.062	2.44	17.6	43.9	0.74	1170	1.04	1.10	6.8	1.9	570
N829740		7.04	13.55	0.12	1.0	1.765	2.71	23.5	24.8	0.94	1950	12.35	0.04	5.6	16.6	460
N829741		4.38	14.30	0.10	1.1	0.129	3.21	18.8	38.8	0.64	10700	0.77	0.24	6.4	2.6	560
N829742		3.71	14.40	0.13	1.2	0.100	3.13	25.3	64.7	0.89	2490	1.13	0.47	7.0	2.9	590
N829743		3.83	14.55	0.15	1.2	0.103	3.41	22.8	15.3	0.76	3820	1.10	0.81	6.9	2.7	620
N829744		3.76	15.10	0.17	1.2	0.101	3.16	25.9	33.1	0.73	2900	0.98	0.75	7.5	3.0	620
N829745		4.62	13.65	0.14	1.0	0.128	2.86	20.6	27.4	0.67	8780	1.72	0.03	6.2	3.2	510
N829746		0.49	0.26	0.14	<0.1	0.008	0.04	0.7	1.4	12.70	221	0.13	<0.01	0.2	1.8	180
N829747		3.24	14.60	0.17	1.3	0.057	2.90	22.1	18.8	0.82	1180	1.09	1.76	7.1	2.9	620
N829748		3.28	16.35	0.16	1.3	0.041	2.76	26.8	16.4	0.91	695	1.17	2.16	8.0	3.1	640
N829749		3.23	14.95	0.17	1.6	0.059	2.63	24.3	72.2	0.81	931	1.78	0.63	8.1	2.9	620
N829750		3.58	15.80	0.14	1.4	0.048	2.68	23.0	18.6	0.88	615	1.13	1.76	7.9	3.0	640
N829801		3.75	15.75	0.13	1.5	0.042	2.82	20.9	102.5	0.72	539	1.26	0.97	8.3	2.7	650
N829802		3.05	14.95	0.14	1.2	0.045	2.66	21.2	202	0.72	1400	1.08	0.11	7.2	3.1	570
N829803		0.49	0.22	0.14	<0.1	<0.005	0.02	0.7	1.4	13.40	213	0.13	<0.01	0.2	1.6	160
N829804		3.35	15.45	0.19	1.2	0.050	2.58	22.2	13.7	0.93	671	1.08	2.08	7.4	2.8	640
N829805		3.16	15.50	0.20	1.1	0.056	2.58	23.7	14.3	0.81	742	0.78	1.83	7.7	3.1	640
N829806		3.62	16.70	0.18	1.3	0.059	2.55	23.7	15.1	1.03	732	0.96	2.24	8.7	3.5	710
N829807		3.28	15.80	0.19	1.2	0.061	2.58	20.4	17.9	0.91	672	1.00	2.22	7.6	3.3	640
N829808		3.51	16.10	0.15	1.2	0.058	2.56	20.3	21.9	0.94	625	1.24	1.89	8.1	3.1	760
N829809		3.60	16.75	0.15	1.2	0.063	2.61	21.2	22.8	0.97	642	1.24	1.96	8.4	3.1	780
N829810		3.23	16.25	0.14	1.3	0.086	2.67	24.1	27.6	0.74	820	1.29	0.57	8.0	3.1	650
N829811		3.11	15.85	0.14	1.2	0.073	2.49	20.7	16.8	0.78	645	45.2	1.88	7.7	3.1	620
N829812		3.20	15.90	0.16	1.2	0.056	2.62	22.0	15.0	0.88	686	1.15	2.27	7.8	3.1	640
N829813		2.99	15.35	0.12	1.3	0.071	2.54	17.5	34.2	0.58	1040	1.20	0.15	7.6	2.9	610
N829814		3.24	15.75	0.14	1.3	0.071	2.70	22.0	15.1	0.85	718	1.22	2.21	7.9	3.1	630
N829815		3.14	16.00	0.16	1.3	0.039	2.56	19.4	16.0	0.89	661	1.24	2.32	8.1	3.8	530
N829816		3.26	16.40	0.17	1.4	0.039	2.63	26.5	15.9	0.93	681	1.01	2.32	8.2	3.2	660
N829817		3.04	15.55	0.16	1.5	0.036	2.56	21.9	19.0	0.86	659	0.85	2.32	8.0	2.8	620
N829818		3.10	15.80	0.14	1.2	0.054	2.47	21.2	14.8	0.83	685	0.94	2.18	8.3	3.0	620
N829819		5.13	13.55	0.13	1.4	0.939	2.76	23.4	23.8	0.67	1900	11.10	0.26	6.6	15.9	470
N829820		3.30	16.30	0.13	1.2	0.098	2.29	20.3	39.0	0.61	1160	1.22	0.09	8.0	3.2	670



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**CERTIFICATE OF ANALYSIS WH12151247**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829735		114.5	133.5	<0.002	0.78	17.55	11.4	2	1.9	262	0.62	<0.05	12.7	0.254	1.36	4.9
N829736		88.2	173.5	<0.002	0.19	21.2	11.5	2	2.4	230	0.71	<0.05	12.8	0.263	2.11	5.1
N829737		262	125.0	<0.002	0.37	87.5	10.0	1	2.4	180.5	0.65	<0.05	13.5	0.264	1.86	3.6
N829738		400	98.9	<0.002	0.52	32.9	8.8	1	3.8	214	0.55	<0.05	12.9	0.241	1.85	5.0
N829739		86.0	85.2	<0.002	0.25	25.9	9.2	1	2.5	276	0.57	<0.05	12.7	0.255	1.40	3.6
N829740		2900	148.0	0.003	5.09	87.2	8.2	1	7.3	90.9	0.46	0.40	11.5	0.189	2.67	5.6
N829741		2210	172.0	<0.002	1.94	1210	10.1	<1	3.2	102.5	0.58	<0.05	12.4	0.245	3.06	4.1
N829742		122.5	138.0	<0.002	0.58	42.1	10.8	1	2.5	195.0	0.60	0.19	14.5	0.255	2.48	5.0
N829743		167.5	157.0	0.003	0.63	25.4	10.4	1	2.6	212	0.59	0.06	13.2	0.258	2.57	5.1
N829744		163.5	160.5	0.002	1.20	29.3	11.7	<1	3.4	196.0	0.65	0.08	15.3	0.268	2.36	4.0
N829745		728	161.0	<0.002	2.27	54.0	9.9	1	4.1	61.5	0.53	0.22	13.3	0.228	2.60	6.0
N829746		2.9	2.0	<0.002	0.01	0.22	0.3	1	0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N829747		41.1	105.0	<0.002	0.23	5.59	10.6	1	2.6	348	0.62	<0.05	14.3	0.267	1.58	5.2
N829748		24.8	111.5	<0.002	0.15	2.88	12.2	1	3.3	391	0.68	0.05	15.5	0.285	1.29	4.8
N829749		26.6	96.6	0.002	0.31	29.1	12.1	1	4.2	221	0.73	0.06	16.0	0.279	2.10	5.4
N829750		22.0	98.7	<0.002	0.12	6.13	11.9	1	3.1	343	0.67	<0.05	14.7	0.287	1.34	5.3
N829801		21.6	100.0	0.002	0.03	6.84	11.1	1	4.9	278	0.79	<0.05	14.6	0.282	1.31	3.8
N829802		86.4	104.0	0.002	0.22	34.6	10.8	<1	3.2	137.5	0.59	0.09	12.7	0.255	2.23	5.5
N829803		1.5	1.3	0.002	0.01	0.13	0.2	1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N829804		21.0	84.2	0.002	0.07	2.74	11.3	1	2.1	403	0.61	<0.05	13.1	0.277	1.06	3.4
N829805		15.6	96.3	0.002	0.11	18.70	11.5	<1	1.8	327	0.62	0.05	13.8	0.278	1.42	5.0
N829806		18.3	89.9	<0.002	0.16	2.28	13.2	2	2.3	432	0.65	<0.05	12.7	0.308	1.17	3.5
N829807		28.6	87.5	0.002	0.24	4.99	11.4	1	2.8	411	0.60	<0.05	12.0	0.278	1.21	4.2
N829808		30.9	84.0	0.003	0.22	4.26	11.9	1	2.7	380	0.64	<0.05	12.0	0.312	1.23	3.6
N829809		30.3	87.3	<0.002	0.22	4.32	12.3	<1	2.8	396	0.65	0.06	12.8	0.315	1.15	4.0
N829810		72.5	95.4	<0.002	0.24	12.75	12.2	1	3.1	184.0	0.67	<0.05	14.3	0.291	1.52	4.7
N829811		64.6	84.3	0.131	0.25	8.79	11.0	1	2.7	368	0.61	<0.05	12.6	0.271	1.15	4.2
N829812		25.9	89.1	<0.002	0.13	3.96	11.3	1	2.2	446	0.65	0.08	12.8	0.281	1.22	4.1
N829813		36.2	84.3	<0.002	0.24	33.9	10.9	<1	3.5	137.0	0.65	0.09	12.4	0.269	1.64	9.0
N829814		33.7	89.4	<0.002	0.16	3.77	11.1	1	2.5	411	0.71	0.10	13.3	0.277	1.13	5.0
N829815		20.7	82.9	<0.002	0.10	2.48	11.0	1	2.1	420	0.73	<0.05	11.8	0.280	1.14	4.6
N829816		19.9	99.1	<0.002	0.11	2.24	12.6	1	2.0	431	0.70	0.05	14.5	0.289	1.05	5.4
N829817		21.0	91.4	0.003	0.04	1.87	10.7	<1	1.8	422	0.76	<0.05	13.0	0.267	1.12	5.3
N829818		19.6	83.5	0.003	0.08	2.18	11.4	<1	2.0	398	0.72	<0.05	11.5	0.274	1.06	4.0
N829819		1260	141.5	0.002	3.03	30.3	8.3	1	5.2	147.0	0.56	0.31	12.9	0.206	2.53	5.4
N829820		27.8	71.9	<0.002	0.29	21.5	12.2	1	2.7	110.5	0.60	0.05	11.8	0.294	1.30	5.3



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**CERTIFICATE OF ANALYSIS WH12151247**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N829735		72	2.9	15.8	103	25.9
N829736		75	3.1	16.9	132	29.5
N829737		80	2.9	12.9	101	28.5
N829738		71	3.4	11.7	135	22.5
N829739		75	2.2	11.5	82	23.8
N829740		59	5.0	10.1	5370	23.6
N829741		70	4.0	11.6	956	23.3
N829742		73	3.5	16.0	184	27.4
N829743		73	3.1	15.2	346	26.0
N829744		76	2.9	16.1	704	27.7
N829745		65	3.3	11.6	1490	23.4
N829746		4	0.1	1.0	18	<0.5
N829747		78	1.1	15.6	115	28.7
N829748		78	1.0	18.9	59	28.9
N829749		82	1.6	17.8	63	32.9
N829750		84	1.2	17.0	58	29.6
N829801		81	1.0	15.8	57	32.7
N829802		74	1.5	13.8	136	25.6
N829803		3	0.1	0.9	15	<0.5
N829804		80	0.6	16.3	57	25.5
N829805		80	0.8	13.8	50	25.4
N829806		93	0.7	18.6	58	29.4
N829807		80	0.8	16.2	94	26.4
N829808		90	1.3	16.1	69	27.9
N829809		93	1.6	16.4	71	28.0
N829810		83	2.7	16.4	199	27.8
N829811		77	10.5	16.4	120	25.4
N829812		80	1.1	17.0	57	28.0
N829813		78	2.5	14.9	80	28.0
N829814		79	1.1	16.8	57	28.0
N829815		80	1.8	16.5	53	29.3
N829816		81	1.5	19.9	53	30.9
N829817		76	0.9	17.6	51	29.6
N829818		78	1.1	17.0	56	28.6
N829819		57	4.9	11.5	2920	34.4
N829820		83	5.3	15.6	80	27.4



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**CERTIFICATE OF ANALYSIS WH12151247**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12151248**

Project: Klaza-72

P.O. No.: Batch 2

This report is for 34 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
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Plus Appendix Pages  
Finalized Date: 23-JUL-2012  
Account: ROCKHA

Project: Klaza-72

**CERTIFICATE OF ANALYSIS WH12151248**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N829821		4.12	<0.005		0.11	7.55	8.8	1820	1.40	0.33	1.73	0.09	48.8	9.1	14	16.15
N829822		6.98	<0.005		0.24	7.60	10.3	1240	1.60	0.70	2.04	0.89	54.7	8.2	11	15.35
N829823		7.65	0.021		0.10	7.99	17.9	1270	1.52	0.42	1.56	0.25	53.1	8.2	15	17.85
N829824		4.02	>10.0	10.60	23.2	5.13	>10000	1310	0.98	8.56	1.33	104.0	26.0	16.6	9	7.79
N829825		2.36	<0.005		0.03	0.16	14	30	0.23	0.03	22.3	0.19	1.43	1.0	<1	1.12
N829826		3.64	0.241		1.99	6.84	689	1520	1.45	0.40	2.56	7.87	41.4	9.3	11	19.25
N829827		5.27	0.011		0.25	7.68	86.2	1980	1.67	0.27	3.44	0.36	44.5	8.5	14	15.85
N829828		5.77	<0.005		0.12	7.90	8.1	1930	1.63	0.32	2.53	0.17	43.5	8.3	12	16.00
N829829		0.26	2.49		25.8	6.50	3470	1110	1.36	17.60	2.39	82.2	43.0	10.8	18	14.90
N829830		6.59	<0.005		0.13	7.59	17.4	1840	1.49	0.22	2.81	0.25	40.6	9.1	10	21.6
N829831		4.21	<0.005		0.21	8.30	12.0	2870	1.40	0.20	1.53	0.16	46.1	7.5	12	23.1
N829832		6.19	<0.005		0.12	7.92	6.9	2400	1.61	0.23	3.13	0.13	48.2	8.6	15	10.70
N829833		6.27	<0.005		0.11	8.36	8.8	2330	1.57	0.47	2.81	0.18	51.6	8.4	14	15.35
N829834		<0.02	<0.005		0.13	8.01	18.8	2240	1.53	0.46	2.68	0.21	47.8	8.3	17	15.05
N829835		8.26	<0.005		0.17	7.90	14.9	2080	1.62	0.42	3.68	0.18	45.5	8.8	12	12.25
N829836		4.74	0.011		0.41	7.79	52.9	1040	1.76	0.65	5.42	0.23	46.8	8.8	14	21.5
N829837		3.36	0.183		1.27	9.04	136.0	220	1.90	1.94	3.57	6.00	49.2	8.6	7	16.10
N829838		0.26	4.49		>100	5.75	7990	1250	1.26	56.2	2.04	236	33.1	9.5	18	11.85
N829839		4.01	0.084		0.61	8.45	52.5	1080	1.82	0.92	1.99	0.95	52.8	10.5	8	15.80
N829840		3.65	0.279		1.77	8.45	162.0	780	1.70	1.34	1.87	6.23	46.4	8.7	7	11.05
N829841		4.32	4.48		15.10	5.26	>10000	1140	1.07	17.00	0.66	43.2	27.3	9.7	10	7.15
N829842		5.11	0.010		0.14	7.86	46.8	830	1.80	0.18	2.53	0.21	71.9	8.0	23	30.7
N829843		2.51	0.276		5.63	8.08	938	430	2.10	1.16	2.41	3.85	68.0	6.4	14	33.0
N829844		4.67	2.33		24.2	6.86	>10000	320	1.30	15.00	1.51	28.3	38.3	13.5	7	11.00
N829845		3.62	<0.005		0.06	0.14	19	20	0.07	0.04	21.4	0.12	1.41	1.0	<1	0.39
N829846		2.00	0.229		1.19	8.82	130.0	610	1.73	2.92	0.55	2.70	56.9	26.8	8	14.70
N829847		5.49	0.174		0.93	8.07	105.5	520	1.81	1.31	0.71	1.96	47.4	10.5	8	12.25
N829848		6.72	0.074		1.23	8.41	172.5	720	1.64	0.93	0.44	5.89	59.9	8.3	9	10.45
N829849		6.16	0.053		3.13	8.07	152.5	630	1.54	0.57	0.66	24.0	58.2	10.5	9	14.55
N829850		2.62	0.496		8.11	7.32	788	430	1.45	2.08	0.73	34.3	49.3	15.4	11	17.40
N829851		4.13	<0.005		0.41	7.06	26.1	620	1.47	0.22	2.06	0.59	51.6	7.3	12	18.00
N829852		1.96	0.033		0.50	6.95	118.5	480	1.34	0.23	2.09	0.74	50.9	7.1	12	22.2
N829853		6.74	<0.005		0.16	7.45	11.2	1670	1.50	0.22	2.54	0.21	50.1	7.6	19	15.05
N829854		8.56	<0.005		0.13	7.24	5.8	1790	1.45	0.23	2.42	0.15	49.5	8.0	15	9.67



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 Finalized Date: 23-JUL-2012  
 Account: ROCKHA

Project: Klaza-72

**CERTIFICATE OF ANALYSIS WH12151248**

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N829821		14.9	3.25	18.05	0.07	1.2	0.060	2.22	24.4	30.9	0.56	827	1.36	0.52	9.0	3.2
N829822		9.4	3.35	16.10	0.19	1.0	0.063	2.54	27.4	75.7	0.80	1600	1.36	0.04	7.6	2.9
N829823		9.5	3.27	16.60	0.20	1.1	0.041	2.50	25.8	48.1	0.66	1430	1.38	0.06	7.9	2.9
N829824		66.1	8.27	11.10	0.16	0.7	0.885	2.39	13.6	14.3	0.57	6130	4.31	0.02	4.5	2.6
N829825		2.3	0.54	0.32	0.07	<0.1	0.005	0.06	0.7	1.5	13.50	246	2.92	0.02	0.3	1.1
N829826		20.1	3.70	14.05	0.13	1.0	0.126	2.99	22.5	27.2	0.86	4220	2.51	0.07	6.9	2.7
N829827		9.9	3.37	15.80	0.15	1.5	0.042	2.84	22.2	23.2	1.07	1250	1.55	1.13	8.6	2.9
N829828		12.6	3.42	15.90	0.16	1.3	0.048	3.07	21.1	20.6	0.70	952	1.01	0.62	8.6	2.9
N829829		466	7.25	13.25	0.18	1.0	1.765	2.84	22.9	23.5	1.00	2000	13.00	0.04	6.0	15.0
N829830		10.6	3.46	15.30	0.14	1.3	0.042	2.72	19.9	50.0	0.90	1050	0.77	0.56	8.3	2.9
N829831		35.8	3.05	16.35	0.15	1.2	0.048	2.83	23.4	48.0	0.57	742	0.95	0.16	8.3	2.5
N829832		13.6	3.50	15.70	0.16	1.2	0.048	2.77	23.8	16.9	0.95	1000	1.35	1.67	8.1	2.9
N829833		9.7	3.41	15.75	0.17	1.2	0.042	2.83	26.6	17.9	0.86	743	1.36	2.10	7.9	2.8
N829834		8.8	3.25	15.60	0.15	1.2	0.043	2.77	24.3	17.1	0.82	715	1.41	2.05	7.8	2.9
N829835		8.6	3.48	15.70	0.17	1.1	0.043	2.80	22.9	15.7	0.95	991	0.99	1.94	7.8	3.2
N829836		10.4	3.11	14.95	0.17	1.2	0.049	3.34	23.5	21.6	0.90	3120	1.15	0.57	8.1	2.6
N829837		13.4	8.46	15.35	0.21	1.4	0.369	4.36	24.6	13.6	1.30	3140	0.39	0.04	8.5	2.7
N829838		1400	8.53	12.05	0.19	1.1	4.87	2.57	17.0	33.0	0.67	3170	14.95	0.08	5.6	14.0
N829839		7.2	9.08	15.20	0.21	1.2	0.297	3.50	28.5	47.1	1.12	2830	0.40	0.03	7.6	2.7
N829840		15.7	6.84	15.80	0.20	1.3	0.248	3.63	22.3	28.7	0.79	6730	3.12	0.02	8.2	2.6
N829841		140.5	9.06	11.70	0.19	0.9	0.728	2.52	13.6	9.6	0.42	1450	8.41	0.02	5.3	2.2
N829842		6.6	3.09	18.45	0.16	3.3	0.031	2.64	32.9	52.6	1.10	1130	1.99	0.05	11.2	8.0
N829843		21.2	2.72	18.75	0.18	3.0	0.097	2.54	34.3	36.2	0.82	1160	5.20	0.06	12.4	3.8
N829844		215	10.55	15.75	0.24	1.0	0.578	3.25	20.4	12.5	0.65	2590	30.1	0.03	6.1	3.4
N829845		3.8	0.49	0.31	0.08	<0.1	<0.005	0.06	0.7	1.1	13.15	224	0.17	<0.01	0.3	1.9
N829846		5.0	13.60	20.2	0.29	1.3	0.388	3.75	27.3	47.1	0.79	3280	6.11	0.03	8.6	3.3
N829847		9.5	11.25	14.90	0.25	1.2	0.372	3.44	24.2	49.0	0.87	3780	3.51	0.03	7.7	2.8
N829848		20.7	7.99	16.50	0.22	1.3	0.408	4.24	32.6	5.8	0.74	3770	0.49	0.03	8.4	2.9
N829849		42.9	8.05	15.35	0.22	1.3	0.543	4.05	32.2	8.2	0.94	6800	4.69	0.03	8.1	3.1
N829850		96.1	6.04	17.50	0.15	1.2	0.358	3.35	27.2	9.7	0.57	5980	7.93	0.01	7.5	3.3
N829851		8.7	3.25	15.50	0.16	1.2	0.076	2.65	26.8	58.8	0.75	1980	2.50	0.07	7.2	2.9
N829852		9.0	2.93	16.00	0.15	1.1	0.061	2.30	27.4	105.0	0.72	2130	4.19	0.05	6.9	3.0
N829853		10.4	2.96	15.65	0.17	1.4	0.041	2.36	26.6	32.0	0.77	797	1.77	1.72	7.5	3.2
N829854		11.0	3.05	16.10	0.18	1.5	0.040	2.34	24.4	14.5	0.76	747	1.36	1.80	7.9	3.0



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Project: Klaza-72

**CERTIFICATE OF ANALYSIS WH12151248**

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02
N829821		660	16.5	89.0	<0.002	0.20	17.15	12.8	1	2.4	157.5	0.70	<0.05	11.2	0.292	1.06
N829822		660	34.8	124.5	<0.002	0.20	27.8	13.7	1	2.0	89.4	0.62	<0.05	13.3	0.275	1.72
N829823		680	20.0	110.5	<0.002	0.16	25.1	13.4	1	1.9	95.6	0.66	<0.05	14.1	0.284	1.73
N829824		350	2290	140.0	0.002	6.21	183.5	7.0	1	4.4	43.3	0.37	0.22	6.3	0.164	1.97
N829825		170	3.7	4.5	<0.002	0.03	0.28	0.4	1	0.2	45.9	<0.05	<0.05	<0.2	<0.005	0.04
N829826		510	298	183.0	<0.002	1.45	35.9	10.1	1	2.4	101.0	0.55	<0.05	11.0	0.224	2.17
N829827		610	22.7	119.0	<0.002	0.09	6.94	10.8	1	1.9	298	0.81	<0.05	11.1	0.271	1.49
N829828		660	19.4	113.0	<0.002	0.03	10.55	10.8	1	2.1	218	0.84	<0.05	10.6	0.291	1.48
N829829		480	3080	160.0	0.002	5.18	98.4	7.7	1	8.7	94.5	0.50	0.40	9.6	0.189	2.36
N829830		640	24.7	90.7	<0.002	0.10	15.35	10.6	1	1.8	235	0.81	<0.05	9.9	0.280	1.45
N829831		700	17.0	106.5	<0.002	0.07	27.0	11.6	1	1.8	156.0	0.67	<0.05	11.1	0.300	1.27
N829832		700	20.1	90.9	<0.002	0.02	5.10	11.5	1	2.2	385	0.65	<0.05	10.1	0.295	1.13
N829833		670	21.0	98.8	<0.002	0.01	5.22	11.5	1	1.9	435	0.66	<0.05	10.9	0.292	1.11
N829834		660	21.8	96.5	<0.002	0.01	5.16	11.2	1	1.8	420	0.64	<0.05	11.0	0.285	1.08
N829835		660	20.3	99.4	<0.002	0.05	5.61	11.3	1	1.7	384	0.64	<0.05	10.2	0.284	1.18
N829836		690	20.7	137.5	<0.002	0.37	19.95	11.7	1	1.8	193.5	0.67	<0.05	9.9	0.293	1.84
N829837		720	367	203	<0.002	5.77	8.24	11.9	1	7.7	112.0	0.77	<0.05	12.3	0.306	2.76
N829838		480	>10000	129.0	<0.002	7.35	222	7.3	2	9.5	125.5	0.44	0.50	8.2	0.198	2.19
N829839		650	62.1	168.0	<0.002	2.89	7.53	11.7	1	5.3	163.5	0.63	<0.05	12.7	0.275	2.42
N829840		680	404	188.0	<0.002	4.98	11.60	12.1	1	8.1	169.5	0.71	<0.05	12.0	0.290	2.77
N829841		410	1450	132.0	<0.002	6.32	117.0	8.0	1	6.3	42.4	0.48	0.47	7.8	0.186	1.80
N829842		1350	18.0	109.0	<0.002	0.19	23.7	8.1	1	1.5	622	0.81	<0.05	9.9	0.355	3.32
N829843		1000	682	73.5	<0.002	0.46	29.1	6.7	1	2.5	312	0.90	<0.05	9.9	0.295	2.38
N829844		490	1965	154.0	0.012	8.82	119.5	9.0	1	9.4	46.4	0.51	0.43	10.1	0.215	2.33
N829845		230	4.8	2.4	<0.002	0.02	0.36	0.3	1	<0.2	43.8	<0.05	<0.05	<0.2	0.005	0.02
N829846		680	98.3	148.5	0.003	5.83	16.00	10.8	1	8.2	65.4	0.69	0.34	11.2	0.288	2.23
N829847		640	129.0	160.5	<0.002	4.27	12.85	11.2	1	7.0	59.9	0.63	<0.05	11.6	0.267	2.23
N829848		670	265	198.5	<0.002	3.66	9.41	12.6	1	6.9	30.9	0.68	<0.05	13.5	0.290	2.82
N829849		650	864	194.5	<0.002	2.67	25.5	12.2	1	6.6	41.4	0.70	<0.05	14.1	0.288	2.59
N829850		560	1320	204	0.002	3.41	48.8	11.6	1	9.8	55.4	0.61	0.07	12.8	0.247	2.55
N829851		590	40.0	114.0	0.003	0.21	19.40	10.8	1	3.0	203	0.60	<0.05	11.6	0.251	2.19
N829852		580	86.0	112.5	0.004	0.21	30.2	10.9	1	2.3	215	0.58	<0.05	11.9	0.240	2.07
N829853		590	22.1	93.4	0.004	0.04	5.10	11.2	1	1.8	358	0.72	<0.05	13.6	0.254	1.16
N829854		580	21.3	97.2	<0.002	0.06	2.85	11.4	1	1.9	337	0.72	<0.05	13.2	0.250	1.05



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**CERTIFICATE OF ANALYSIS WH12151248**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N829821		2.6	83	3.4	13.2	61	26.2			
N829822		5.2	88	4.0	15.2	133	28.1			
N829823		5.3	84	5.2	15.2	78	30.5			
N829824		15.4	53	5.5	7.2	9480	17.5			
N829825		0.5	3	0.1	0.9	26	<0.5			
N829826		14.1	69	2.9	12.5	635	26.7			
N829827		4.8	75	2.9	15.6	85	34.6			
N829828		4.2	84	1.8	14.5	84	30.7			
N829829		5.0	59	5.5	9.8	5690	26.7			
N829830		4.3	81	2.8	14.9	79	29.2			
N829831		3.0	83	4.0	14.1	68	28.5			
N829832		3.5	85	1.9	15.2	72	27.2			
N829833		2.8	82	1.5	15.3	67	28.2			
N829834		2.7	80	1.6	14.6	68	27.7			
N829835		3.9	82	1.5	13.3	69	26.1			
N829836		5.3	75	1.8	12.7	83	28.5			
N829837		3.7	66	8.2	13.4	658	30.2			
N829838		5.1	57	4.7	8.9	>10000	32.1	120	0.981	1.630
N829839		4.4	63	23.5	12.2	177	27.3			
N829840		4.3	71	11.4	12.6	717	30.5			
N829841		2.7	50	8.6	7.2	4810	19.6			
N829842		4.8	71	3.8	14.6	89	142.5			
N829843		8.0	58	8.2	12.8	448	98.5			
N829844		22.6	62	20.5	8.2	2630	26.0			
N829845		0.5	3	0.2	0.8	21	0.8			
N829846		11.7	85	45.0	7.4	381	31.2			
N829847		6.4	70	27.5	9.5	290	26.9			
N829848		3.6	66	12.8	7.6	654	32.1			
N829849		6.6	66	8.0	8.8	2580	30.9			
N829850		14.1	65	6.3	11.0	3190	28.7			
N829851		11.3	77	7.7	13.5	104	28.7			
N829852		15.9	76	4.5	14.3	106	27.8			
N829853		5.0	77	1.2	16.9	64	31.4			
N829854		4.9	75	1.5	17.5	58	37.2			



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Project: Klaza-72

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**CERTIFICATE OF ANALYSIS WH12151248**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12151249**

Project: Klaza - 73

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza - 73

**CERTIFICATE OF ANALYSIS WH12151249**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897073		6.01	0.360	5.97	7.12	237	310	1.45	5.87	0.52	23.3	50.2	5.7	8	9.76	166.5
M897074		5.32	0.008	0.62	7.76	34.3	2370	1.30	1.03	0.95	3.02	60.6	5.3	9	20.0	13.3
M897075		6.72	0.023	1.26	7.74	81.7	1770	1.43	1.35	1.22	13.20	59.1	4.6	8	13.30	25.2
M897076		<0.02	0.021	1.46	7.78	83.6	1830	1.51	1.41	1.19	14.70	55.2	4.9	9	13.65	26.9
M897077		6.37	0.232	4.84	7.04	204	190	1.62	4.85	0.37	33.0	53.1	6.7	9	9.80	56.2
M897078		7.37	0.007	0.34	7.85	27.9	2480	1.39	2.45	0.84	5.20	56.0	4.8	10	12.45	34.9
M897079		8.27	0.007	0.29	7.64	33.0	3320	1.52	1.76	1.13	1.17	52.4	5.0	9	13.95	42.5
M897080		5.15	0.305	3.17	7.07	126.5	340	1.38	4.31	1.69	9.27	39.7	3.9	8	12.30	155.5
M897081		4.88	<0.005	0.01	0.08	5	20	<0.05	0.02	20.8	0.08	1.25	1.4	<1	0.21	1.9
M897082		5.71	0.044	1.68	6.82	68.5	2710	1.34	3.45	3.87	9.34	37.4	4.1	7	12.80	135.0
M897083		4.88	0.879	33.7	5.75	261	660	1.31	15.45	0.80	181.5	56.3	13.9	7	12.65	182.0
M897084		0.25	4.49	>100	5.49	8410	250	1.10	57.8	1.95	224	31.2	8.5	18	12.05	1290
M897085		8.27	1.040	26.2	6.25	444	110	1.16	35.1	0.11	24.6	41.1	4.2	9	12.75	700
M897086		2.46	<0.005	0.10	0.09	5	20	<0.05	0.13	21.6	0.28	1.49	1.4	1	0.24	3.6
M897087		7.49	0.014	0.63	6.81	50.7	1610	1.26	0.78	2.66	5.18	41.8	6.9	9	22.4	8.0
M897088		6.82	<0.005	0.26	7.44	31.3	2010	1.50	0.57	1.37	0.20	44.9	7.9	9	21.6	7.7
M897089		9.00	<0.005	0.37	7.58	15.9	1990	1.68	0.47	2.31	2.74	48.5	6.8	10	21.6	13.7
M897090		3.78	0.167	1.71	7.42	129.0	370	1.57	1.16	2.30	32.5	53.9	5.4	9	19.80	60.2
M897091		0.25	2.22	25.5	6.19	3610	1140	1.28	19.55	2.27	81.8	42.9	10.5	20	16.05	453
M897092		12.60	0.011	0.21	7.48	11.1	2230	1.47	0.55	2.41	0.22	46.3	7.8	11	13.75	7.9
M897093		7.39	0.009	0.18	7.45	19.5	2130	1.62	0.36	2.59	0.84	47.3	7.2	9	18.95	9.8
M897094		3.27	0.012	0.21	7.49	56.0	2010	1.67	0.36	2.29	1.06	50.7	7.2	9	17.35	10.6
M897095		4.51	0.813	5.15	7.08	843	230	1.42	3.44	1.33	14.30	47.8	5.9	9	13.40	468
M897096		10.67	0.024	0.24	7.55	27.2	2120	1.55	1.27	2.07	0.21	46.0	9.2	10	21.0	11.3
M897097		3.58	<0.005	0.10	7.69	5.9	2340	1.77	0.23	2.43	0.14	46.8	5.4	9	17.30	3.3
M897098		7.30	0.016	0.31	7.49	19.6	2690	1.43	0.86	2.05	0.44	39.3	8.9	10	13.90	9.7
M897099		4.80	0.007	0.17	6.92	13.4	2140	1.51	1.34	2.68	0.10	48.5	7.4	8	16.20	15.4
M897100		4.98	0.005	0.25	7.32	11.0	2580	1.47	1.08	2.57	0.08	44.4	5.4	8	16.80	12.8
M897101		10.60	0.032	0.40	7.57	41.7	1930	1.51	1.09	1.89	1.60	45.0	6.7	8	13.65	12.3
M897102		3.97	2.30	36.2	4.87	717	620	0.97	56.3	0.87	26.4	26.7	10.9	9	11.15	1225
M897103		7.78	0.013	0.27	7.85	82.5	2360	1.44	0.40	1.16	1.01	44.0	6.0	7	22.9	14.3
M897104		6.04	0.064	0.36	7.73	95.1	1730	1.43	1.10	1.30	0.68	49.6	8.3	8	20.7	22.5
M897105		8.76	0.033	0.68	7.60	86.8	1930	1.40	1.49	1.32	2.45	48.0	6.0	8	17.80	28.3
M897106		8.73	0.330	2.02	7.02	225	1420	1.51	1.50	1.72	23.2	50.3	5.3	8	18.15	48.5
M897107		8.57	0.558	1.44	7.32	247	1330	1.56	1.47	0.83	11.10	47.7	4.4	8	19.80	33.7
M897108		9.75	0.013	0.33	6.99	61.5	1820	1.83	1.08	2.36	0.87	41.6	5.3	8	19.00	15.0





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Project: Klaza - 73

**CERTIFICATE OF ANALYSIS WH12151249**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897073		6.21	15.95	0.13	1.1	0.890	3.32	28.0	11.5	0.54	1360	3.97	0.07	6.5	2.7	570
M897074		3.65	14.75	0.16	1.1	0.156	2.53	31.8	56.8	0.47	1160	6.11	0.06	7.3	2.4	600
M897075		4.82	15.75	0.13	1.0	0.301	2.89	32.2	27.5	0.73	1640	4.26	0.05	6.5	2.1	630
M897076		4.88	15.80	0.15	1.0	0.328	2.92	31.8	28.7	0.73	1660	4.08	0.04	6.5	2.3	620
M897077		5.87	15.95	0.17	1.0	0.577	3.38	27.9	9.8	0.48	946	5.78	0.04	6.3	2.8	450
M897078		4.06	18.30	0.22	1.2	0.171	2.93	32.5	28.9	0.48	1080	2.95	0.08	8.5	2.7	640
M897079		3.89	18.20	0.24	1.2	0.158	3.02	30.1	25.5	0.55	999	3.87	0.09	8.7	2.7	620
M897080		5.88	16.70	0.24	1.1	0.250	3.23	22.2	13.4	0.64	1390	3.68	0.04	7.1	2.1	550
M897081		0.47	0.43	0.30	<0.1	0.005	0.03	0.6	0.9	12.40	206	0.11	<0.01	0.4	2.1	180
M897082		4.79	14.85	0.20	1.0	0.322	2.95	19.0	17.8	0.66	2000	6.38	0.06	7.3	1.7	530
M897083		6.49	14.10	0.22	0.8	1.955	2.61	33.4	22.1	0.44	2350	14.00	0.04	5.0	2.7	370
M897084		8.30	13.15	0.23	1.1	4.62	2.30	16.4	28.9	0.62	3070	13.70	0.08	5.9	12.1	460
M897085		6.33	18.85	0.20	1.0	0.908	2.85	21.6	11.2	0.23	142	5.60	0.03	6.5	2.0	330
M897086		0.48	0.42	0.27	<0.1	0.009	0.03	0.8	0.8	12.80	203	0.14	<0.01	0.4	1.8	170
M897087		3.50	16.10	0.20	1.1	0.170	2.51	21.7	28.3	0.75	1080	1.18	0.05	8.1	2.3	550
M897088		2.84	18.55	0.25	1.2	0.082	2.60	23.2	73.4	0.43	792	2.15	0.08	9.1	2.7	640
M897089		3.33	17.50	0.26	1.3	0.076	2.82	25.7	17.8	0.67	641	1.37	1.43	8.9	2.3	610
M897090		5.17	18.15	0.26	1.3	0.397	3.06	28.2	17.8	0.73	906	1.04	0.66	8.4	2.0	530
M897091		6.97	15.40	0.25	1.0	1.830	2.70	23.8	23.3	0.93	1920	12.95	0.05	6.8	14.4	460
M897092		3.08	17.50	0.24	1.3	0.056	2.76	23.7	12.7	0.74	553	1.27	2.33	8.8	2.6	600
M897093		3.20	17.75	0.25	1.3	0.056	2.91	24.2	15.1	0.71	715	1.25	1.74	8.9	2.4	590
M897094		3.17	17.75	0.25	1.3	0.060	2.88	26.2	14.0	0.71	687	1.40	1.65	9.1	2.4	590
M897095		6.00	17.45	0.25	1.2	0.267	3.20	25.5	9.8	0.58	1040	1.35	0.04	7.8	2.6	520
M897096		3.32	17.50	0.25	1.2	0.078	2.92	24.6	31.8	0.56	611	1.47	1.19	8.4	2.4	570
M897097		3.00	17.65	0.25	1.4	0.046	2.92	24.2	13.6	0.65	499	1.36	2.16	9.2	2.4	580
M897098		3.11	18.15	0.22	1.3	0.095	3.14	19.7	27.6	0.61	527	1.80	0.39	9.4	2.6	640
M897099		3.05	16.60	0.25	1.0	0.207	2.56	28.1	26.6	0.58	796	3.33	0.77	7.1	2.3	550
M897100		3.01	17.25	0.24	1.1	0.145	2.74	24.7	27.6	0.61	858	7.11	1.05	8.2	2.3	560
M897101		3.63	17.15	0.24	1.1	0.150	2.63	24.4	25.6	0.62	925	2.52	0.59	7.9	2.5	600
M897102		8.27	12.00	0.24	0.8	0.576	2.15	13.9	20.5	0.41	969	7.48	0.04	5.4	2.4	220
M897103		3.01	18.30	0.20	1.4	0.050	2.17	22.7	55.6	0.40	862	1.14	0.06	9.9	2.1	610
M897104		3.23	17.40	0.23	1.1	0.071	2.58	28.3	58.2	0.55	1060	2.07	0.05	7.8	3.7	580
M897105		3.79	17.30	0.24	1.1	0.139	2.67	26.7	39.2	0.48	954	2.86	0.06	7.9	2.2	620
M897106		4.69	16.20	0.25	1.1	0.287	3.08	29.5	14.5	0.79	1940	3.23	0.04	7.0	2.5	530
M897107		3.76	16.40	0.23	0.9	0.355	2.84	29.0	23.4	0.45	960	1.92	0.04	6.2	2.2	500
M897108		3.42	17.40	0.25	1.1	0.099	2.77	21.9	24.9	0.54	749	1.34	0.49	7.7	2.5	540



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Finalized Date: 21-JUL-2012  
Account: ROCKHA

Project: Klaza - 73

**CERTIFICATE OF ANALYSIS WH12151249**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M897073		721	185.0	<0.002	4.04	32.5	10.7	1	11.5	27.6	0.50	1.63	13.1	0.226	4.1
M897074		90.4	126.5	0.002	0.56	25.5	11.1	1	2.9	95.8	0.59	0.18	14.8	0.254	4.5
M897075		457	168.5	<0.002	1.36	13.60	10.8	1	6.9	97.6	0.47	0.29	14.2	0.235	3.7
M897076		479	175.5	<0.002	1.37	14.55	11.4	1	7.3	96.1	0.51	0.30	13.9	0.233	3.7
M897077		1015	205	<0.002	3.87	14.75	10.6	1	9.6	25.6	0.49	0.77	12.6	0.213	3.3
M897078		26.7	135.5	<0.002	0.32	28.7	11.7	1	2.5	76.3	0.67	0.11	14.2	0.249	3.5
M897079		20.7	124.0	<0.002	0.51	17.95	11.4	1	2.9	97.5	0.70	0.14	14.3	0.259	3.8
M897080		332	181.0	<0.002	3.24	52.4	9.6	1	9.4	50.1	0.57	0.46	11.5	0.213	3.7
M897081		1.5	1.5	<0.002	0.01	0.11	0.3	1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	0.6
M897082		81.6	174.5	<0.002	0.99	49.5	9.0	1	4.6	127.5	0.54	0.20	12.3	0.215	4.3
M897083		8950	148.5	<0.002	4.17	103.0	7.3	2	16.2	35.9	0.40	0.46	9.1	0.149	4.4
M897084		9390	131.5	<0.002	7.24	216	6.4	2	9.3	122.5	0.46	0.51	8.1	0.188	4.9
M897085		1345	169.0	<0.002	6.05	114.0	8.1	1	15.8	18.7	0.51	0.62	9.5	0.201	2.7
M897086		12.4	1.8	<0.002	0.03	0.52	0.2	1	0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.4
M897087		133.5	116.5	<0.002	0.63	14.95	9.5	1	2.4	97.1	0.64	0.06	12.2	0.237	3.3
M897088		22.9	118.5	<0.002	0.20	28.2	11.1	1	2.2	124.5	0.73	0.08	12.8	0.265	4.3
M897089		112.0	120.5	<0.002	0.11	3.94	10.7	1	2.1	272	0.76	<0.05	13.6	0.265	3.2
M897090		274	142.5	<0.002	3.20	7.44	9.6	2	7.1	163.0	0.75	0.15	13.1	0.243	5.6
M897091		2860	167.5	<0.002	5.06	98.0	7.6	2	8.8	98.2	0.52	0.40	10.2	0.188	5.1
M897092		19.6	110.0	<0.002	0.12	2.91	10.7	1	1.7	350	0.72	0.16	13.3	0.262	3.2
M897093		57.5	107.0	<0.002	0.15	3.39	10.7	1	2.0	288	0.73	<0.05	13.4	0.255	4.6
M897094		67.2	114.5	<0.002	0.19	3.51	10.5	1	2.0	272	0.76	<0.05	13.8	0.256	4.6
M897095		628	200	<0.002	4.27	30.7	9.1	1	9.0	43.0	0.65	0.95	11.7	0.225	4.2
M897096		22.3	122.0	<0.002	0.47	9.20	9.9	1	2.1	246	0.71	0.23	12.9	0.245	3.7
M897097		19.6	109.5	<0.002	0.02	2.57	10.3	1	1.7	363	0.81	<0.05	13.1	0.262	3.6
M897098		33.6	91.8	<0.002	0.51	6.76	10.2	1	3.3	133.5	0.81	0.14	11.5	0.264	3.0
M897099		9.8	107.0	<0.002	0.68	5.33	9.5	1	2.5	130.0	0.56	0.18	11.6	0.212	4.3
M897100		12.7	99.4	<0.002	0.37	6.97	10.0	1	2.0	174.5	0.65	0.08	12.4	0.246	4.3
M897101		44.8	114.5	<0.002	0.72	13.25	10.0	1	2.5	130.5	0.64	0.14	12.8	0.241	3.0
M897102		814	117.0	<0.002	7.76	344	7.8	2	8.7	66.7	0.43	0.78	6.9	0.187	6.0
M897103		22.5	112.0	<0.002	0.15	31.2	10.8	1	1.9	103.5	0.87	<0.05	14.0	0.256	3.2
M897104		19.0	144.5	<0.002	0.53	36.2	10.3	1	1.7	107.0	0.64	<0.05	13.1	0.242	7.0
M897105		45.5	133.0	<0.002	0.68	31.8	10.2	1	2.9	91.4	0.65	0.11	13.0	0.237	3.1
M897106		543	183.0	<0.002	1.70	24.7	9.8	1	5.0	47.4	0.57	0.10	12.8	0.218	5.6
M897107		185.5	195.5	<0.002	0.61	24.0	9.6	1	4.1	51.5	0.49	0.14	12.5	0.192	5.0
M897108		16.3	103.0	<0.002	0.28	12.60	10.5	1	1.9	140.0	0.61	0.06	11.7	0.234	4.6



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 Account: ROCKHA

Project: Klaza - 73

**CERTIFICATE OF ANALYSIS WH12151249**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M897073		68	5.8	9.7	1640	26.6		
M897074		70	5.1	14.3	285	26.3		
M897075		67	4.6	13.3	923	25.7		
M897076		66	4.4	13.7	963	26.0		
M897077		65	5.0	10.0	1520	25.0		
M897078		73	3.5	16.7	505	35.1		
M897079		74	3.4	15.7	198	32.9		
M897080		65	14.3	10.0	794	29.4		
M897081		3	0.1	0.9	18	0.6		
M897082		58	7.2	13.3	894	28.4		
M897083		49	11.8	10.7	>10000	20.8		1.075
M897084		53	5.0	9.2	>10000	32.1	121	1.590
M897085		57	13.3	7.7	1450	26.0		
M897086		3	0.2	0.9	29	4.4		
M897087		64	3.8	14.6	531	30.2		
M897088		71	3.4	16.7	100	34.8		
M897089		72	2.4	17.1	264	34.0		
M897090		64	6.1	14.0	2560	32.8		
M897091		58	5.8	10.6	5370	28.5		
M897092		72	1.8	17.1	50	35.6		
M897093		70	1.5	18.0	119	34.2		
M897094		70	1.5	17.0	137	34.1		
M897095		63	10.6	11.6	1140	31.8		
M897096		68	2.5	15.1	75	33.8		
M897097		70	1.2	17.4	42	38.0		
M897098		74	4.8	14.5	78	35.4		
M897099		65	2.1	14.8	55	28.6		
M897100		67	2.1	15.6	60	29.4		
M897101		68	2.9	14.2	205	29.6		
M897102		61	5.2	10.7	1530	20.2		
M897103		69	5.3	15.7	208	37.8		
M897104		68	4.8	15.4	122	29.3		
M897105		69	5.1	15.0	348	30.1		
M897106		68	6.4	13.0	1820	28.3		
M897107		63	4.1	11.2	897	26.4		
M897108		72	3.7	14.6	196	29.6		



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**CERTIFICATE OF ANALYSIS WH12151249**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12151510**

Project: Klaza - 73

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12151510**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897109		9.51	0.081	1.19	7.03	104.0	2190	1.38	0.90	2.46	8.10	54.2	6.0	11	13.40	32.5
M897110		6.68	0.013	0.52	7.39	37.5	1660	1.94	0.72	2.11	2.13	51.4	5.5	13	19.25	19.3
M897111		7.22	0.008	0.25	6.25	16.0	310	3.58	0.91	0.36	0.63	17.95	0.4	4	15.85	4.7
M897112		6.28	<0.005	2.21	6.59	13.9	40	3.29	0.40	0.37	0.09	18.10	0.3	2	16.20	1.2
M897113		4.00	0.343	3.18	7.20	434	1030	2.09	3.99	2.92	9.17	48.9	6.7	6	19.55	66.6
M897114		4.89	<0.005	0.02	0.14	<5	20	0.06	0.02	19.95	0.06	1.31	1.4	4	0.45	2.3
M897115		3.89	0.111	0.41	7.32	81.6	1650	1.50	0.25	2.07	0.99	46.8	6.7	8	20.8	9.9
M897116		12.06	<0.005	0.10	7.61	7.7	2150	1.62	0.20	2.31	0.15	47.4	7.0	9	14.15	7.4
M897117		8.34	<0.005	0.21	7.73	11.4	2370	1.42	0.72	2.46	0.57	60.4	7.5	9	11.10	4.8
M897118		9.40	<0.005	0.17	7.83	8.8	2240	1.53	0.36	2.04	0.63	56.5	7.9	10	12.60	4.9
M897119		11.59	<0.005	0.11	8.38	16.7	2940	1.21	0.54	0.56	0.20	60.9	8.4	8	8.49	3.6
M897120		5.16	<0.005	0.13	7.87	13.8	3140	1.15	0.65	0.90	0.20	58.1	7.8	10	9.34	4.3
M897121		9.06	<0.005	0.16	8.00	18.9	2010	1.20	0.67	0.65	0.19	54.8	8.3	8	9.50	10.4
M897122		4.91	0.093	2.52	6.94	117.5	1850	1.20	4.32	1.31	6.77	54.3	7.2	9	15.95	53.1
M897123		3.76	<0.005	0.21	8.24	14.3	1530	1.18	0.37	0.77	0.51	61.8	7.4	7	11.30	5.7
M897124		0.23	2.34	25.8	5.64	3190	1390	1.10	19.65	1.99	76.9	45.7	10.2	14	14.00	397
M897125		4.02	0.029	0.80	6.62	67.7	1560	1.39	1.39	0.86	2.46	38.9	8.5	8	13.70	22.0
M897126		13.27	<0.005	0.05	6.74	11.5	1170	2.01	0.18	2.57	0.08	50.3	5.9	15	18.80	5.4
M897127		10.53	<0.005	0.03	7.28	12.1	1720	1.94	0.16	2.20	0.04	52.7	5.4	13	22.4	4.6
M897128		8.80	<0.005	0.04	7.35	9.7	1580	1.94	0.09	2.43	0.18	51.7	5.6	15	22.1	9.0
M897129		5.38	<0.005	0.07	7.17	10.1	1330	1.79	0.09	3.24	0.06	55.2	6.1	16	20.2	14.5
M897130		5.54	0.017	0.97	7.16	42.4	820	1.91	2.46	1.99	0.26	48.3	7.1	27	13.10	27.8
M897131		4.74	0.139	23.1	6.49	212	1350	1.21	45.5	0.82	4.76	44.3	10.3	8	11.35	24.9
M897132		2.75	<0.005	0.01	0.16	5	40	0.05	0.06	19.70	0.06	1.43	1.4	3	0.42	2.1
M897133		4.86	0.130	1.06	7.21	89.2	1640	1.54	1.44	1.93	14.65	43.4	6.8	9	15.55	28.9
M897134		5.57	<0.005	0.09	7.58	11.0	2170	1.53	0.37	2.58	0.18	37.9	7.1	10	9.48	7.0
M897135		6.53	<0.005	0.07	7.59	8.3	2280	1.57	0.20	2.37	0.12	43.3	8.0	10	10.75	9.0
M897136		9.13	0.007	0.13	7.14	19.6	2170	1.60	0.43	2.58	0.17	38.9	6.8	12	11.30	10.1
M897137		<0.02	0.006	0.12	7.54	19.1	2250	1.58	0.40	2.65	0.18	42.5	6.6	13	11.35	10.2
M897138		8.18	0.271	0.30	7.01	83.0	2020	1.62	0.56	2.10	0.33	37.5	7.0	10	12.85	11.0
M897139		0.24	2.24	25.4	5.78	3380	1590	1.20	20.9	2.08	76.9	42.5	9.8	18	14.25	413
M897140		6.06	0.481	3.19	6.89	632	910	1.26	5.35	2.85	6.00	51.4	6.3	9	17.40	45.3
M897141		4.24	0.016	0.44	7.44	66.3	1940	1.75	0.66	2.20	0.61	45.8	6.1	9	14.20	9.6
M897142		10.51	<0.005	0.16	7.21	14.3	2140	1.68	0.44	2.51	0.13	39.3	7.0	9	12.55	8.0
M897143		8.68	<0.005	0.24	6.91	10.3	2020	1.59	0.94	3.14	0.67	39.1	6.2	19	11.95	7.8
M897144		4.89	0.108	1.26	7.35	134.5	1900	1.65	2.73	2.07	1.47	41.6	6.5	9	15.65	34.6



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Project: Klaza - 73

**CERTIFICATE OF ANALYSIS WH12151510**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897109		3.57	14.60	0.12	0.9	0.132	3.07	31.6	20.5	0.59	1460	4.69	0.05	5.9	2.4	510
M897110		3.31	17.80	0.14	1.0	0.140	2.96	29.1	28.7	0.49	876	3.85	0.34	7.8	2.5	580
M897111		0.56	21.8	0.11	2.6	0.029	1.67	9.2	110.0	0.14	330	1.26	0.03	24.0	0.7	40
M897112		0.57	22.5	0.12	2.8	0.020	1.77	9.1	108.0	0.15	342	0.63	0.03	26.8	0.6	30
M897113		3.61	17.15	0.18	1.4	0.199	2.96	27.2	32.8	0.86	2590	2.74	0.05	10.0	2.9	470
M897114		0.45	0.36	0.09	<0.1	<0.005	0.05	0.7	1.7	12.25	213	0.16	<0.01	0.2	<0.2	190
M897115		3.43	16.95	0.14	1.1	0.084	3.07	25.1	40.4	0.72	1400	1.29	0.32	8.0	2.0	550
M897116		2.98	17.50	0.15	0.9	0.043	2.71	25.5	18.0	0.68	506	2.09	1.89	8.3	2.3	560
M897117		3.09	17.60	0.17	0.9	0.065	2.52	35.8	32.6	0.59	567	1.97	0.80	8.1	2.2	560
M897118		3.53	17.85	0.18	1.0	0.104	2.67	32.5	27.6	0.69	472	2.01	0.88	8.8	2.2	580
M897119		3.03	19.60	0.17	1.0	0.055	1.98	35.3	49.0	0.32	712	2.18	0.07	9.6	2.8	640
M897120		2.94	17.70	0.16	1.0	0.062	2.18	33.5	57.5	0.36	685	1.91	0.07	8.9	3.4	600
M897121		2.95	17.90	0.18	0.8	0.068	1.74	32.0	50.5	0.35	799	1.77	0.05	8.4	4.0	610
M897122		4.11	16.00	0.17	0.8	0.450	2.66	31.9	34.3	0.71	1320	6.08	0.04	6.7	2.7	510
M897123		3.49	18.95	0.21	1.0	0.075	2.27	35.2	41.0	0.45	956	1.64	0.07	9.8	2.5	670
M897124		6.04	12.95	0.20	0.7	1.650	2.33	26.7	23.0	0.81	1760	12.95	0.04	5.7	13.1	400
M897125		3.23	17.75	0.21	0.9	0.168	2.48	21.2	48.4	0.44	875	2.56	0.06	8.1	3.8	580
M897126		2.08	19.80	0.18	2.1	0.025	2.55	26.5	67.0	0.79	411	0.84	0.04	9.0	10.9	750
M897127		2.06	20.1	0.15	1.7	0.027	2.63	28.0	48.6	0.72	401	0.56	0.03	8.8	7.4	800
M897128		2.19	20.0	0.17	1.8	0.031	2.76	27.4	41.5	0.80	489	0.53	0.03	8.8	8.4	790
M897129		2.20	19.00	0.17	1.9	0.024	2.62	31.0	36.3	1.16	504	0.60	0.04	8.4	9.9	710
M897130		2.23	19.80	0.13	3.5	0.048	2.17	25.4	84.6	0.80	587	5.23	0.03	9.1	19.8	610
M897131		6.94	14.85	0.19	0.7	0.298	2.91	24.7	11.6	0.62	1350	6.14	0.03	5.8	4.4	470
M897132		0.47	0.39	0.09	<0.1	<0.005	0.07	0.7	1.9	12.00	215	0.33	<0.01	0.2	<0.2	160
M897133		4.11	16.80	0.16	0.8	0.382	3.03	23.5	22.1	0.71	1260	1.44	0.75	7.5	2.4	550
M897134		3.19	16.80	0.13	0.9	0.080	2.72	19.6	14.5	0.78	762	1.02	1.94	7.9	2.1	590
M897135		3.10	17.40	0.14	1.1	0.050	2.67	22.3	30.5	0.81	618	1.05	2.39	8.2	2.3	590
M897136		3.14	16.60	0.15	1.0	0.228	2.53	19.9	18.7	0.75	775	1.21	1.65	7.8	2.3	580
M897137		3.26	16.10	0.16	0.9	0.222	2.58	22.8	20.2	0.79	803	1.45	1.68	7.8	2.4	590
M897138		2.88	16.35	0.16	1.0	0.079	2.67	19.9	17.4	0.64	628	1.45	1.48	7.7	2.2	540
M897139		6.30	12.95	0.16	0.8	1.655	2.46	24.4	22.6	0.85	1820	12.95	0.04	5.6	13.0	420
M897140		4.58	15.00	0.17	0.9	0.164	2.76	28.1	21.3	0.98	2370	2.64	0.19	7.2	2.3	510
M897141		3.08	17.55	0.17	1.0	0.052	2.93	24.0	30.9	0.59	558	1.24	0.47	8.3	2.3	570
M897142		2.97	16.30	0.15	1.0	0.073	2.58	20.7	18.6	0.63	572	1.70	1.79	7.9	2.4	560
M897143		2.80	16.55	0.17	0.9	0.062	2.60	20.4	16.5	0.63	618	1.93	1.56	8.0	2.1	530
M897144		3.47	17.30	0.16	0.9	0.074	3.18	22.3	37.9	0.62	811	1.39	0.66	8.1	2.4	570



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**CERTIFICATE OF ANALYSIS WH12151510**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M897109		383	162.5	<0.002	0.96	16.60	9.4	1	4.0	96.9	0.51	0.09	11.6	0.188	6.0
M897110		85.6	154.0	<0.002	0.37	10.55	12.4	1	2.8	135.0	0.66	<0.05	12.2	0.231	4.3
M897111		54.1	142.5	<0.002	0.06	11.90	4.3	1	2.9	64.3	2.52	<0.05	21.2	0.034	9.3
M897112		39.3	144.5	<0.002	0.02	9.20	4.4	1	3.1	47.1	2.74	<0.05	21.6	0.033	8.3
M897113		311	163.0	<0.002	2.38	25.1	10.2	1	3.1	171.5	0.88	0.05	13.4	0.208	10.1
M897114		1.7	3.2	<0.002	0.01	0.08	0.4	1	<0.2	44.2	<0.05	<0.05	0.2	0.005	1.0
M897115		62.7	130.0	<0.002	0.54	9.07	11.1	1	2.5	144.5	0.73	<0.05	11.9	0.236	6.8
M897116		19.2	103.0	<0.002	0.02	3.85	12.3	1	1.6	319	0.67	<0.05	13.4	0.256	4.7
M897117		50.5	106.5	<0.002	0.14	9.29	13.1	2	2.4	185.5	0.66	<0.05	13.9	0.246	6.7
M897118		42.4	110.5	<0.002	0.09	7.87	13.1	1	2.1	216	0.73	<0.05	14.1	0.253	6.8
M897119		18.7	86.2	<0.002	0.21	21.3	15.0	2	2.1	67.9	0.82	<0.05	16.3	0.280	4.6
M897120		34.1	97.6	<0.002	0.21	19.60	14.0	1	1.9	80.7	0.77	<0.05	14.7	0.254	4.9
M897121		16.5	81.3	<0.002	0.23	23.7	14.5	1	2.3	54.6	0.67	0.05	14.0	0.264	2.7
M897122		147.0	148.5	<0.002	1.30	36.6	12.0	1	4.6	67.6	0.57	0.22	12.0	0.211	4.1
M897123		21.7	106.0	<0.002	0.10	18.60	16.1	2	2.3	75.8	0.79	<0.05	16.5	0.286	3.4
M897124		2490	149.0	<0.002	4.39	89.2	8.4	2	7.9	86.9	0.47	0.35	10.4	0.166	5.4
M897125		46.9	98.1	<0.002	0.65	22.4	12.6	1	2.9	91.7	0.67	0.07	11.0	0.240	3.7
M897126		11.9	73.4	<0.002	0.04	7.66	7.3	1	1.4	366	0.70	<0.05	8.6	0.253	3.9
M897127		11.4	96.2	<0.002	0.05	6.74	7.7	1	1.5	277	0.70	<0.05	9.0	0.256	3.9
M897128		10.7	95.7	<0.002	0.05	5.92	7.5	1	1.3	255	0.69	<0.05	8.5	0.258	4.2
M897129		11.9	100.5	<0.002	0.04	7.39	7.3	1	1.2	560	0.65	<0.05	9.4	0.243	4.6
M897130		33.9	77.1	<0.002	0.13	17.85	6.4	1	1.9	660	0.70	<0.05	10.3	0.248	6.3
M897131		161.5	182.5	<0.002	4.70	13.65	8.4	2	6.8	44.7	0.47	0.78	11.4	0.192	3.4
M897132		1.5	3.5	<0.002	0.02	0.07	0.4	2	<0.2	41.3	<0.05	<0.05	<0.2	0.006	0.5
M897133		147.0	149.0	<0.002	1.30	5.34	10.9	1	3.2	199.0	0.58	0.10	12.2	0.236	3.8
M897134		19.9	103.0	<0.002	0.14	2.79	11.0	1	1.6	308	0.64	<0.05	11.6	0.259	2.6
M897135		17.3	96.7	<0.002	0.02	1.60	11.4	1	1.7	360	0.68	<0.05	12.1	0.259	2.8
M897136		16.4	95.6	<0.002	0.25	3.56	11.4	1	2.9	272	0.65	0.05	10.3	0.248	4.1
M897137		15.8	104.0	<0.002	0.25	3.52	11.4	1	3.1	279	0.62	<0.05	11.4	0.254	4.0
M897138		27.4	114.0	<0.002	0.27	4.64	11.0	1	1.9	260	0.63	<0.05	11.7	0.236	4.0
M897139		2600	154.0	<0.002	4.60	88.2	7.8	2	8.1	89.8	0.46	0.36	11.5	0.173	5.4
M897140		186.0	144.5	<0.002	2.48	18.10	10.1	1	4.1	107.0	0.59	0.11	11.9	0.221	3.4
M897141		62.9	126.0	<0.002	0.55	5.95	11.9	1	2.2	169.5	0.70	<0.05	13.2	0.254	4.8
M897142		19.0	95.8	<0.002	0.19	5.20	11.1	1	1.9	319	0.68	0.06	12.3	0.244	3.9
M897143		33.1	97.9	<0.002	0.14	3.83	10.7	1	1.8	319	0.62	0.27	10.9	0.238	4.0
M897144		101.0	133.5	<0.002	0.70	4.65	11.5	1	3.0	202	0.65	0.06	12.8	0.250	3.6





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Project: Klaza - 73

**CERTIFICATE OF ANALYSIS WH12151510**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897109		63	4.7	13.9	643	25.0
M897110		70	2.8	15.4	228	30.6
M897111		2	1.9	17.2	60	52.9
M897112		1	1.8	17.8	44	55.4
M897113		54	3.7	16.2	722	40.9
M897114		3	0.1	0.9	15	<0.5
M897115		64	3.3	15.5	127	33.2
M897116		68	1.4	16.3	45	28.8
M897117		65	2.7	18.6	84	28.0
M897118		67	2.2	20.3	70	31.1
M897119		66	6.7	17.8	50	31.0
M897120		65	6.3	18.2	47	30.4
M897121		63	4.5	17.1	60	25.8
M897122		67	4.3	12.5	522	23.2
M897123		73	5.8	18.4	83	32.5
M897124		52	5.1	9.6	5000	24.4
M897125		64	3.9	11.1	232	26.4
M897126		48	2.3	11.9	52	77.3
M897127		48	2.2	11.9	53	53.2
M897128		49	2.1	11.9	65	59.2
M897129		45	1.9	12.2	57	63.9
M897130		48	2.4	11.4	76	136.5
M897131		59	8.1	7.3	464	21.7
M897132		4	0.1	0.8	14	0.7
M897133		65	3.5	12.7	1070	23.5
M897134		72	1.4	14.5	68	26.4
M897135		71	1.1	15.7	46	29.3
M897136		71	1.9	14.3	64	27.8
M897137		73	2.0	15.2	66	25.7
M897138		65	1.8	14.0	65	27.8
M897139		54	5.2	9.2	5240	22.0
M897140		64	4.4	12.9	502	24.8
M897141		71	2.6	14.4	88	28.2
M897142		68	2.7	14.0	45	26.4
M897143		63	1.3	16.4	81	26.1
M897144		68	3.5	13.2	142	26.8



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**CERTIFICATE OF ANALYSIS WH12151510**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12151542**

Project: Klaza-73

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12151542**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897145		4.46	0.459	20.7	7.45	470	780	1.55	29.2	1.39	12.40	50.7	5.8	10	14.40	1375
M897146		4.50	0.101	1.68	8.11	270	1280	1.64	2.04	2.16	2.81	49.4	6.0	8	22.7	46.5
M897147		10.25	0.099	2.13	7.99	251	1480	1.73	2.38	1.78	8.86	51.9	5.7	8	21.2	81.7
M897148		13.13	<0.005	0.16	8.60	40.8	2160	2.19	0.14	1.99	0.08	82.5	6.2	24	14.75	12.6
M897149		5.67	0.008	0.24	6.66	50	2110	1.63	0.34	10.70	0.29	61.6	4.7	13	15.05	17.9
M897150		6.71	0.037	1.60	6.87	180.0	1300	1.70	1.74	2.98	3.23	51.6	5.6	7	21.9	48.7
M897151		7.33	0.014	0.76	7.89	160.0	1690	1.57	1.07	1.87	2.83	46.2	5.9	9	26.9	14.7
M897152		6.10	0.281	21.9	5.81	981	120	1.14	21.8	1.03	11.10	42.1	8.8	7	9.74	2040
M897153		2.31	<0.005	0.10	0.11	<5	30	0.06	0.08	22.6	0.08	1.60	0.7	1	0.33	5.7
M897154		8.13	0.005	0.39	7.53	41.0	2470	1.57	0.47	1.71	1.00	40.9	5.6	7	22.6	11.7
M897155		0.21	2.20	26.0	6.28	3550	300	1.30	17.45	2.36	82.0	43.4	10.9	18	14.80	453
M897156		3.96	0.254	4.42	6.64	417	610	1.46	6.15	0.81	3.68	49.4	7.6	7	10.50	137.0
M897157		8.90	0.008	0.43	7.75	55.2	1750	1.52	0.65	2.32	1.47	61.5	6.0	8	21.9	5.5
M897158		8.13	<0.005	0.30	7.62	37.9	1950	1.54	0.34	2.87	0.62	54.5	6.4	8	21.8	9.8
M897159		<0.02	<0.005	0.24	7.49	36.6	1930	1.60	0.35	2.92	0.49	52.0	6.7	7	21.3	10.1
M897160		4.38	0.235	2.80	6.59	1025	320	1.70	2.09	2.58	12.10	45.5	5.6	5	21.0	30.1
M897161		3.92	0.324	3.27	7.59	586	800	1.57	2.97	1.81	8.17	52.9	6.9	7	18.20	22.9
M897162		6.94	0.082	1.27	7.35	405	1430	1.60	0.86	2.37	10.45	55.2	6.0	8	17.50	17.1
M897163		7.95	0.011	0.34	7.94	44.2	1470	1.78	0.39	2.58	1.07	57.2	6.1	8	18.75	8.4
M897164		5.78	<0.005	0.29	7.77	36.5	1270	1.69	0.22	2.54	0.50	49.7	6.2	8	19.70	13.4
M897165		8.93	0.205	17.35	7.02	550	970	1.36	22.7	2.62	46.8	49.3	7.1	7	15.10	549
M897166		1.63	<0.005	0.10	0.14	<5	40	0.08	0.10	23.4	0.21	1.97	0.7	<1	0.32	3.6
M897167		7.98	0.082	1.72	7.23	221	800	1.26	1.75	1.54	6.54	49.7	6.5	7	13.70	54.6
M897168		9.66	0.461	14.30	7.42	984	780	1.38	12.35	0.66	31.0	50.9	5.7	9	14.05	1000
M897169		8.53	0.166	1.49	7.35	251	750	1.40	1.63	1.45	9.54	50.4	5.9	7	16.45	35.5
M897170		0.28	4.35	>100	5.28	7140	340	1.09	55.7	1.92	214	33.4	8.8	18	11.20	1210
M897171		7.41	0.622	84.1	6.02	1010	290	1.18	105.5	1.57	30.3	41.6	5.4	8	10.10	3230
M897172		3.80	0.173	1.78	8.06	347	1140	1.52	2.09	2.75	5.21	53.3	7.5	9	17.50	41.6
M897173		12.69	0.074	1.94	7.46	129.0	2520	1.32	0.72	2.75	1.16	53.9	7.8	9	17.80	28.8
M897174		11.81	0.060	0.46	7.63	171.5	2410	1.42	0.31	2.63	4.53	51.0	7.2	8	17.10	6.6
M897175		<0.02	0.013	0.15	7.91	19.2	2200	1.51	0.16	2.19	0.29	52.2	6.3	8	25.0	4.0
M897176		5.08	0.139	1.09	7.77	484	2150	1.91	1.54	2.52	4.36	53.8	5.1	9	20.7	20.0
M897177		14.32	0.012	0.37	7.49	42.7	1500	1.45	0.48	2.34	0.43	53.1	6.1	7	22.9	7.7
M897178		5.07	0.170	1.80	7.51	256	710	1.38	2.04	1.90	12.45	48.1	6.1	7	12.60	22.2
M897179		9.19	0.028	0.42	7.64	66.8	1870	1.59	0.54	2.49	2.31	48.5	4.3	8	19.90	9.1
M897180		3.90	0.438	3.58	7.00	1065	430	1.38	6.05	1.86	7.42	54.1	6.1	7	12.05	45.3



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Account: ROCKHA

Project: Klaza-73

**CERTIFICATE OF ANALYSIS WH12151542**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897145		6.78	15.90	0.14	1.0	0.569	3.46	25.8	16.0	0.69	1140	1.55	0.05	5.9	3.0	570
M897146		4.19	18.50	0.15	1.0	0.101	3.57	23.6	25.6	0.84	2060	2.20	0.07	7.3	3.3	630
M897147		4.97	16.15	0.15	1.1	0.129	3.27	26.8	23.7	0.84	2130	3.23	0.27	6.8	3.1	620
M897148		2.80	20.4	0.20	4.5	0.035	2.74	39.8	50.7	0.97	678	1.47	0.05	10.1	7.0	1310
M897149		2.69	14.55	0.12	3.3	0.028	2.06	31.1	56.5	0.82	1410	5.00	0.04	7.4	8.4	970
M897150		5.41	14.65	0.15	1.1	0.166	2.83	26.9	13.8	1.11	2070	3.79	0.05	5.8	3.4	570
M897151		4.01	17.85	0.13	1.2	0.108	2.98	21.8	21.9	0.85	1340	1.73	0.06	7.7	3.6	650
M897152		11.60	15.05	0.16	0.8	0.897	2.63	20.7	9.2	0.72	2750	1.02	0.03	4.9	2.5	430
M897153		0.51	0.30	0.05	<0.1	0.007	0.05	0.7	1.2	13.80	234	0.14	0.01	0.1	8.9	190
M897154		3.33	16.90	0.12	1.1	0.076	2.83	19.1	54.0	0.69	1050	1.19	0.08	7.6	2.7	620
M897155		7.00	14.75	0.10	1.0	1.710	2.74	21.6	23.3	0.96	1990	13.25	0.04	5.7	15.2	480
M897156		7.46	15.30	0.12	0.9	0.249	2.92	25.8	11.9	0.56	1610	9.35	0.05	5.6	3.1	480
M897157		3.58	15.80	0.15	1.8	0.063	3.06	30.9	13.1	1.04	1020	5.03	0.06	6.8	3.2	560
M897158		3.37	16.10	0.13	1.0	0.080	3.08	27.2	13.3	1.14	1190	7.39	0.06	7.0	3.9	590
M897159		3.30	16.60	0.14	1.1	0.072	3.04	25.6	14.2	1.12	1160	18.60	0.06	7.2	3.7	600
M897160		5.49	16.15	0.13	0.9	0.234	3.00	22.7	11.6	0.91	3920	3.39	0.03	6.0	3.1	500
M897161		4.88	16.35	0.12	1.0	0.277	3.19	28.0	9.2	0.85	3240	1.12	0.04	6.6	2.9	570
M897162		4.10	15.60	0.13	1.0	0.180	3.18	28.6	11.0	0.98	1830	1.31	0.04	6.6	3.1	570
M897163		3.39	16.05	0.15	1.1	0.060	2.70	28.6	68.1	0.99	1060	2.17	0.06	7.4	3.5	650
M897164		3.24	16.60	0.14	1.1	0.044	2.88	24.1	50.6	0.97	918	1.95	0.05	7.6	3.3	650
M897165		6.03	17.35	0.11	0.9	3.58	2.92	26.5	21.7	0.67	1630	40.5	0.04	6.0	2.6	500
M897166		0.52	0.36	<0.05	<0.1	0.015	0.05	0.9	1.3	14.00	232	0.18	0.01	0.2	7.2	250
M897167		4.99	16.95	0.20	1.0	0.303	3.23	26.4	10.5	0.81	3440	2.50	0.04	6.0	2.3	520
M897168		10.95	20.4	0.29	1.1	0.982	3.32	24.4	11.0	0.71	4440	3.73	0.03	6.6	3.0	560
M897169		4.40	17.15	0.19	1.1	0.238	3.09	26.4	10.5	0.68	1680	1.58	0.04	6.9	2.5	550
M897170		7.92	14.00	0.22	1.1	4.74	2.23	15.7	30.6	0.63	2980	14.55	0.08	5.2	13.5	450
M897171		7.38	15.05	0.20	1.0	1.225	2.67	20.1	11.0	0.68	2830	1.22	0.03	5.5	2.4	460
M897172		4.50	19.40	0.19	1.1	0.179	3.28	28.0	33.1	1.08	4220	2.16	0.05	6.9	2.7	600
M897173		3.20	17.90	0.18	1.4	0.062	3.26	25.1	17.4	0.70	779	2.46	1.54	7.9	10.5	620
M897174		3.36	17.45	0.20	1.3	0.054	2.86	24.3	17.7	0.77	628	0.87	1.80	7.6	2.8	600
M897175		3.12	19.15	0.20	1.3	0.039	2.94	24.5	66.3	0.70	512	1.10	1.07	8.4	2.8	620
M897176		3.42	18.70	0.18	1.4	0.093	2.89	25.8	144.5	0.87	1890	1.17	0.22	8.2	2.5	620
M897177		3.36	18.70	0.19	1.2	0.068	2.94	27.4	32.9	0.84	946	2.32	0.07	7.6	3.0	600
M897178		5.27	18.80	0.21	1.0	0.250	3.40	25.0	18.7	0.77	1280	1.51	0.06	6.4	2.5	520
M897179		3.80	18.15	0.19	1.2	0.091	3.15	23.8	46.5	0.78	1210	1.71	0.64	7.8	2.8	630
M897180		6.47	16.70	0.24	0.9	0.493	3.18	29.7	13.4	0.88	2610	6.53	0.04	5.5	2.8	500



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Account: ROCKHA

Project: Klaza-73

**CERTIFICATE OF ANALYSIS WH12151542**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897145		423	210	0.002	5.04	18.05	9.7	1	7.8	59.4	0.50	0.23	13.4	0.226	2.94	5.2
M897146		122.5	143.0	<0.002	1.25	7.89	10.4	<1	5.9	88.2	0.60	<0.05	13.0	0.269	3.00	4.4
M897147		289	157.0	0.002	1.37	15.75	9.9	1	3.9	113.5	0.63	<0.05	14.3	0.254	2.91	4.8
M897148		18.3	97.0	0.002	0.09	13.70	5.9	<1	1.7	254	0.69	<0.05	12.5	0.358	1.35	8.5
M897149		38.5	88.9	0.003	0.12	19.25	5.5	1	1.5	637	0.52	<0.05	9.5	0.256	1.23	8.5
M897150		187.5	145.5	0.003	0.99	19.95	10.0	2	5.1	112.5	0.49	0.08	12.1	0.231	2.59	4.0
M897151		70.8	107.0	0.002	0.82	6.69	10.8	1	2.8	130.5	0.69	<0.05	13.4	0.270	2.62	3.4
M897152		420	154.5	<0.002	9.06	68.5	7.4	2	7.6	28.9	0.42	0.91	9.7	0.169	2.50	2.6
M897153		2.3	2.5	0.002	0.03	0.25	0.4	<1	<0.2	41.7	<0.05	0.06	<0.2	<0.005	0.04	0.4
M897154		57.5	110.0	0.002	0.27	10.60	10.1	<1	2.2	109.5	0.69	<0.05	12.4	0.258	2.23	4.5
M897155		2910	159.0	0.004	5.04	86.2	8.4	1	7.9	90.3	0.49	0.36	10.0	0.186	2.37	5.2
M897156		183.5	181.5	0.002	5.57	39.5	8.3	2	6.2	26.3	0.49	0.39	11.6	0.198	2.95	4.7
M897157		62.1	148.5	<0.002	0.54	4.87	9.7	<1	1.7	114.0	0.71	0.08	17.3	0.236	2.67	7.7
M897158		33.3	132.5	0.005	0.41	6.24	10.4	1	2.2	125.5	0.61	<0.05	14.2	0.253	2.68	5.7
M897159		30.4	122.0	0.006	0.41	6.19	10.6	1	2.2	128.0	0.63	<0.05	13.5	0.250	2.64	5.5
M897160		403	148.0	0.002	3.91	18.30	9.6	<1	6.3	131.5	0.50	0.10	11.3	0.213	3.59	4.2
M897161		265	176.0	<0.002	1.97	13.90	10.3	1	4.9	88.1	0.56	0.12	14.2	0.239	3.31	5.9
M897162		219	167.0	<0.002	1.30	9.86	9.9	1	3.7	101.5	0.57	0.09	14.5	0.237	3.03	5.1
M897163		67.7	115.0	0.002	0.37	5.85	10.7	<1	2.9	174.0	0.60	0.08	15.2	0.268	2.24	5.7
M897164		38.7	109.5	<0.002	0.32	5.63	10.5	1	4.0	144.0	0.65	<0.05	13.2	0.263	2.23	5.0
M897165		654	186.5	0.010	4.71	92.0	9.3	1	12.6	88.3	0.52	0.16	12.1	0.209	2.72	6.2
M897166		3.5	2.7	0.002	0.03	0.37	0.3	<1	0.2	45.2	<0.05	0.05	0.2	<0.005	0.02	0.7
M897167		162.5	193.5	<0.002	2.14	14.00	9.5	1	5.0	54.0	0.49	0.11	11.0	0.203	2.96	3.2
M897168		462	198.0	<0.002	6.56	121.0	10.1	1	17.4	66.2	0.54	0.19	11.3	0.226	3.54	2.4
M897169		203	165.5	<0.002	2.51	12.45	9.6	1	6.6	54.4	0.57	<0.05	13.6	0.238	2.98	4.7
M897170		9140	133.5	<0.002	6.97	215	7.0	2	8.9	117.0	0.41	0.50	7.7	0.179	2.06	4.7
M897171		1980	153.5	<0.002	6.21	53.5	8.0	1	10.3	52.4	0.50	0.42	9.7	0.191	2.72	3.1
M897172		233	193.5	<0.002	2.05	10.45	10.5	1	7.6	115.5	0.57	0.17	13.5	0.249	2.99	5.6
M897173		60.0	128.5	<0.002	0.31	6.80	10.0	1	2.9	288	0.67	<0.05	13.7	0.266	1.64	3.8
M897174		72.6	117.5	<0.002	0.21	6.30	10.4	1	2.0	317	0.65	<0.05	13.9	0.268	1.41	3.7
M897175		16.4	118.5	<0.002	0.04	11.95	10.8	1	1.8	238	0.69	<0.05	13.0	0.271	1.54	3.1
M897176		164.5	120.0	<0.002	0.88	22.7	10.8	1	2.5	187.0	0.69	<0.05	13.7	0.266	1.94	5.4
M897177		49.0	127.0	<0.002	0.39	13.30	10.7	1	2.8	101.0	0.62	<0.05	13.4	0.248	1.96	7.8
M897178		324	177.0	<0.002	2.62	8.96	9.5	1	8.9	88.6	0.52	0.08	12.0	0.229	2.52	5.4
M897179		75.2	137.0	<0.002	0.52	9.08	11.0	1	3.0	182.0	0.64	<0.05	13.3	0.264	2.25	5.3
M897180		152.5	207	<0.002	4.29	22.2	9.1	1	4.9	73.0	0.45	0.13	11.6	0.194	3.09	4.5



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**CERTIFICATE OF ANALYSIS WH12151542**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M897145		63	6.0	11.4	986	27.2		
M897146		75	4.7	12.7	293	29.1		
M897147		69	5.6	12.0	784	30.0		
M897148		62	1.5	11.4	87	197.0		
M897149		51	2.2	14.0	84	137.5		
M897150		71	5.9	11.2	327	30.9		
M897151		74	4.6	12.7	258	33.6		
M897152		52	7.4	8.3	916	21.5		
M897153		3	0.1	0.8	16	<0.5		
M897154		70	3.5	12.7	117	30.4		
M897155		58	4.9	9.8	5190	26.3		
M897156		57	6.3	8.9	333	24.0		
M897157		63	4.2	14.1	168	31.6		
M897158		69	5.7	14.8	98	29.6		
M897159		68	5.5	14.8	86	30.0		
M897160		60	7.8	10.6	1040	26.7		
M897161		65	5.0	11.9	706	28.1		
M897162		67	4.9	12.6	799	28.6		
M897163		70	4.6	17.1	131	29.9		
M897164		72	4.2	15.3	80	31.0		
M897165		61	6.7	11.6	2720	25.0		
M897166		3	0.2	1.1	25	0.6		
M897167		63	5.0	9.6	562	28.6		
M897168		64	11.5	8.1	1760	29.3		
M897169		64	7.2	10.3	749	31.4		
M897170		50	4.4	8.3	>10000	32.9	123	1.615
M897171		52	9.4	8.2	2300	23.8		
M897172		70	5.6	12.8	444	30.5		
M897173		70	2.2	16.1	123	36.9		
M897174		72	1.9	14.4	324	33.1		
M897175		72	2.1	14.5	63	37.0		
M897176		72	3.3	14.8	348	38.5		
M897177		68	3.9	14.2	85	32.5		
M897178		64	4.7	10.8	963	26.9		
M897179		73	3.4	13.8	197	33.1		
M897180		60	4.4	10.4	634	26.0		



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**CERTIFICATE OF ANALYSIS WH12151542**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12151543**

Project: Klaza-73

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12151543**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897181		3.77	0.148	1.35	7.50	600	1000	1.39	1.44	2.04	7.04	51.3	3.6	9	17.05	23.7
M897182		5.33	0.377	1.39	7.68	2210	940	1.37	0.73	2.49	10.45	56.6	3.5	6	15.50	19.6
M897183		9.57	0.034	0.30	7.81	165.0	1860	1.43	0.37	2.23	1.88	51.1	4.8	8	15.00	4.8
M897184		4.36	0.324	5.93	7.78	1315	350	1.38	2.71	1.78	9.94	46.5	5.5	8	14.75	179.0
M897185		2.47	<0.005	0.02	0.11	<5	30	0.06	0.02	21.3	0.08	1.44	1.3	<1	0.72	3.0
M897186		4.50	0.035	1.61	8.03	151.5	930	1.68	2.05	2.21	11.35	69.9	7.1	8	18.70	41.7
M897187		5.58	0.110	8.86	7.75	190.0	780	1.31	12.75	1.34	17.55	50.7	5.6	9	15.00	347
M897188		9.76	0.065	1.31	8.21	187.5	1400	1.54	1.62	1.90	2.32	54.0	5.1	10	20.3	46.3
M897189		<0.02	0.064	1.24	8.23	179.0	1410	1.54	1.52	1.92	2.25	53.9	4.8	11	19.80	40.5
M897190		10.70	<0.005	0.08	8.01	9.6	2220	1.40	0.23	2.95	0.16	52.4	6.6	9	11.20	0.9
M897191		7.13	0.005	0.09	7.74	14.0	1900	1.35	0.24	2.88	0.09	48.0	6.0	9	8.89	2.6
M897192		6.75	<0.005	0.15	7.90	10.1	2060	1.50	0.34	2.12	0.41	49.3	4.8	9	10.20	2.5
M897193		2.89	<0.005	0.17	7.87	9.4	2150	1.40	0.34	2.13	0.38	51.0	5.0	8	11.30	3.3
M897194		13.60	0.005	0.21	7.97	14.5	2200	1.51	0.31	2.46	0.48	47.9	5.2	9	10.75	3.5
M897195		9.82	<0.005	0.10	7.88	9.7	1810	1.38	0.20	3.51	0.16	49.6	8.3	10	8.22	1.6
M897196		5.57	<0.005	0.06	8.35	11.5	1880	1.32	0.15	2.44	0.11	49.0	4.7	10	7.65	10.3
M897197		0.22	2.16	27.5	5.84	3410	730	1.31	18.30	2.20	76.5	38.1	10.5	17	13.60	433
M897198		4.68	0.782	6.87	7.60	887	1630	1.50	2.00	1.96	32.8	52.6	5.6	9	7.34	68.9
M897199		13.96	0.005	0.16	6.71	12.8	1080	1.50	0.25	3.44	0.18	38.9	5.0	12	7.02	3.3
M897200		10.71	<0.005	0.07	6.86	8.2	1130	1.56	0.25	3.23	0.11	37.7	4.4	10	8.96	2.7
M897201		4.26	0.006	0.08	6.90	8.8	980	1.63	0.28	3.13	0.32	37.3	6.0	8	8.26	2.1
M897202		0.25	2.39	23.4	5.84	3460	1570	1.41	17.40	2.26	78.3	41.8	11.8	20	15.10	427
M897203		5.92	<0.005	0.12	7.11	13.0	870	1.77	0.20	3.20	0.23	47.1	7.6	10	10.65	2.5
M897204		4.95	<0.005	0.17	7.05	8.3	880	1.40	0.32	2.64	0.30	38.9	8.5	9	9.68	2.2
M897205		7.26	<0.005	0.16	7.09	9.8	1410	1.68	0.25	2.39	0.15	42.0	4.6	10	13.95	2.3
M897206		5.71	<0.005	0.13	7.00	10.1	740	1.71	0.23	2.39	0.16	43.7	6.1	9	9.85	2.7
M897207		10.94	0.006	0.18	6.98	9.6	880	1.73	0.35	3.26	0.34	43.4	9.9	10	9.87	2.8
M897208		4.71	0.008	0.45	5.31	21.7	350	1.15	0.71	4.05	0.21	30.6	63.1	9	11.45	58.6
M897209		3.24	<0.005	0.01	0.10	<5	30	0.07	0.02	21.8	0.06	1.44	1.2	2	0.36	1.7
M897210		5.56	<0.005	0.26	6.86	11.7	920	1.71	0.58	2.93	0.19	32.5	14.0	9	18.05	7.0
M897211		10.27	<0.005	0.13	7.26	8.1	1770	1.85	0.21	2.33	0.16	46.7	4.9	10	11.50	4.6
M897212		9.76	<0.005	0.23	7.51	17.2	1780	1.83	0.26	2.33	0.50	43.1	5.8	10	11.45	6.6
M897213		4.33	0.105	10.40	6.77	396	670	1.75	29.8	1.33	4.62	51.0	5.2	9	16.95	236
M897214		11.28	<0.005	0.17	7.66	11.3	1790	1.96	0.23	1.68	0.97	51.4	4.8	10	15.45	3.1
M897215		9.77	0.014	0.18	7.69	12.2	1030	1.91	0.31	1.49	0.22	55.0	6.5	9	13.50	10.1
M897236		4.69	2.06	6.15	5.95	472	300	1.53	10.35	1.11	0.69	47.2	11.0	9	6.55	248



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**CERTIFICATE OF ANALYSIS WH12151543**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897181		3.88	17.05	0.18	1.1	0.134	3.03	29.0	10.3	0.80	3060	1.99	0.04	8.0	2.1	540
M897182		4.12	16.30	0.09	1.1	0.163	3.18	32.6	13.9	0.88	7080	6.64	0.04	7.8	2.2	690
M897183		3.26	16.05	0.09	1.3	0.095	2.77	28.4	130.0	0.95	1720	2.03	0.08	8.5	2.4	570
M897184		4.44	16.55	0.10	1.1	0.162	2.95	24.7	44.3	0.76	2410	1.88	0.06	7.7	2.4	570
M897185		0.49	0.37	<0.05	<0.1	<0.005	0.05	0.7	1.7	12.40	230	0.14	<0.01	0.4	<0.2	190
M897186		4.02	16.70	0.13	1.0	0.441	3.19	41.3	15.0	0.88	2390	1.49	0.05	7.0	2.3	590
M897187		4.66	17.95	0.12	1.0	0.663	2.99	28.0	37.7	0.61	1060	1.10	0.08	7.7	2.4	590
M897188		4.47	16.85	0.11	1.1	0.168	3.24	29.6	23.1	0.83	1680	1.12	0.06	8.3	2.7	620
M897189		4.46	16.55	0.12	1.1	0.154	3.17	29.3	21.9	0.83	1700	1.35	0.06	8.4	2.5	620
M897190		2.88	15.50	0.11	1.1	0.053	2.66	27.1	14.8	0.85	540	0.90	2.13	8.2	2.3	610
M897191		2.85	15.50	0.10	1.0	0.070	2.56	24.7	11.4	0.71	616	1.50	2.03	7.6	2.2	600
M897192		3.38	15.40	0.11	1.1	0.070	2.74	26.3	17.2	0.75	837	1.03	1.72	7.7	2.3	590
M897193		3.31	15.65	0.12	1.1	0.060	2.82	27.5	18.5	0.75	785	1.52	1.73	8.2	2.2	600
M897194		3.10	16.05	0.10	1.2	0.064	2.75	24.3	13.4	0.76	620	1.23	2.02	8.6	2.3	610
M897195		3.02	15.90	0.12	1.1	0.059	2.48	24.8	16.5	0.88	691	1.21	1.75	8.0	2.7	610
M897196		3.21	16.30	0.11	1.2	0.059	2.69	24.7	19.9	0.83	604	1.25	0.77	8.7	2.4	680
M897197		6.73	13.90	0.14	0.9	1.755	2.62	21.3	25.5	0.91	1860	13.30	0.04	6.1	15.5	440
M897198		4.09	17.25	0.13	1.2	0.304	2.67	29.1	19.3	0.63	962	1.08	0.40	7.7	2.5	610
M897199		2.65	16.10	0.11	1.1	0.067	1.49	18.8	10.8	0.82	689	0.99	1.81	7.2	2.1	550
M897200		2.28	16.10	0.10	1.1	0.050	1.44	17.8	11.2	0.71	555	0.68	2.21	6.9	1.9	560
M897201		2.16	16.45	0.10	1.0	0.061	1.23	16.8	11.8	0.72	559	0.55	2.64	7.1	1.5	560
M897202		6.67	15.45	0.16	1.0	1.635	2.67	21.8	31.5	0.93	1870	13.45	0.05	6.5	16.0	440
M897203		2.37	18.50	0.11	1.0	0.061	1.19	19.4	12.2	0.80	542	0.66	2.56	7.5	2.2	570
M897204		2.74	17.20	0.11	1.0	0.044	1.17	18.3	13.7	0.76	480	0.93	2.91	8.0	2.2	560
M897205		2.49	17.95	0.13	1.2	0.044	1.82	19.7	17.1	0.71	436	0.80	2.10	8.8	1.9	560
M897206		2.52	18.30	0.12	1.1	0.053	1.23	20.5	18.0	0.45	553	0.97	1.93	8.9	2.0	560
M897207		2.46	18.60	0.12	1.1	0.072	1.45	19.8	10.6	0.80	548	0.89	2.65	8.4	1.9	560
M897208		6.33	16.65	0.14	0.6	0.102	0.58	15.8	20.8	1.42	786	5.30	1.30	6.0	4.2	350
M897209		0.47	0.33	0.07	<0.1	<0.005	0.04	0.7	1.3	12.90	213	0.16	0.01	0.2	<0.2	170
M897210		2.08	18.65	0.08	1.1	0.058	1.54	13.7	12.5	0.53	469	1.51	2.85	7.8	1.2	560
M897211		2.79	17.95	0.12	1.2	0.034	2.37	21.5	16.8	0.76	455	0.71	2.79	8.7	1.7	570
M897212		3.14	18.70	0.12	1.1	0.045	2.30	19.2	26.8	0.70	580	0.77	1.96	9.0	2.0	610
M897213		5.74	17.50	0.15	1.0	0.262	2.76	26.5	37.5	0.77	2150	5.03	0.06	7.1	2.3	500
M897214		3.15	18.70	0.13	1.2	0.067	2.49	24.9	23.6	0.48	586	0.62	1.32	8.8	2.4	600
M897215		2.61	20.1	0.14	1.2	0.101	1.90	25.3	29.7	0.50	666	0.79	0.28	9.0	2.6	620
M897236		6.28	15.65	0.18	0.8	0.324	2.88	20.3	22.0	0.58	799	17.50	0.05	5.9	2.7	430



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**CERTIFICATE OF ANALYSIS WH12151543**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M897181		206	175.0	<0.002	1.99	13.00	9.6	1	4.9	92.4	0.66	0.05	14.4	0.223	3.8
M897182		274	184.0	0.002	1.71	24.0	12.1	1	3.8	169.5	0.61	<0.05	13.6	0.240	6.4
M897183		55.4	147.0	<0.002	0.56	8.36	11.1	1	2.2	159.0	0.70	<0.05	14.4	0.238	6.2
M897184		386	159.0	<0.002	2.40	38.2	10.6	1	7.2	130.0	0.63	0.08	12.2	0.228	5.5
M897185		1.7	4.1	<0.002	0.01	0.10	0.3	1	<0.2	46.3	<0.05	<0.05	<0.2	<0.005	0.5
M897186		209	169.0	<0.002	1.45	8.53	10.4	1	4.9	83.4	0.55	0.08	12.0	0.229	5.3
M897187		281	141.5	<0.002	1.93	21.6	11.1	1	10.2	94.8	0.60	0.11	13.5	0.238	4.1
M897188		124.5	145.0	<0.002	0.97	11.25	12.0	1	4.8	95.0	0.64	<0.05	13.8	0.254	5.4
M897189		120.0	142.0	<0.002	0.92	10.55	11.9	1	4.7	95.5	0.61	<0.05	13.5	0.252	5.5
M897190		16.3	95.8	<0.002	0.16	3.38	11.3	1	1.8	336	0.63	<0.05	13.7	0.248	4.8
M897191		13.7	99.5	<0.002	0.21	2.97	10.7	1	1.9	316	0.60	<0.05	12.1	0.230	3.4
M897192		26.1	100.5	0.003	0.12	5.64	10.4	1	1.9	334	0.62	<0.05	13.7	0.238	4.6
M897193		32.1	101.5	<0.002	0.10	4.97	11.0	1	2.0	352	0.65	<0.05	13.9	0.240	3.9
M897194		40.1	101.5	0.002	0.21	3.44	11.4	1	2.0	378	0.67	<0.05	13.6	0.252	4.8
M897195		18.8	84.9	<0.002	0.24	4.76	10.8	1	1.8	306	0.62	<0.05	12.8	0.239	3.2
M897196		16.1	90.4	<0.002	0.14	5.86	11.2	1	4.3	173.0	0.69	<0.05	14.3	0.262	3.0
M897197		2710	151.5	0.002	4.66	82.8	7.5	1	7.4	88.6	0.46	0.34	9.9	0.179	4.8
M897198		1425	129.0	<0.002	1.59	19.85	10.8	1	3.6	119.0	0.64	0.08	15.2	0.241	3.7
M897199		15.5	56.3	<0.002	0.15	4.84	9.8	1	1.8	277	0.63	<0.05	11.2	0.217	3.0
M897200		9.9	47.4	<0.002	0.18	5.33	9.9	1	1.7	280	0.58	<0.05	12.6	0.211	3.1
M897201		25.5	38.3	<0.002	0.16	5.73	9.9	1	2.0	308	0.60	<0.05	11.9	0.220	3.2
M897202		2730	166.0	<0.002	5.02	88.3	8.9	2	7.8	93.2	0.53	0.39	10.6	0.183	4.9
M897203		15.0	49.6	<0.002	0.19	6.86	11.7	1	2.3	298	0.61	<0.05	12.0	0.228	3.6
M897204		14.7	42.2	<0.002	0.27	4.37	11.5	1	1.7	304	0.68	0.05	11.6	0.248	3.3
M897205		16.0	58.8	<0.002	0.08	5.62	11.8	1	1.4	358	0.76	<0.05	12.5	0.255	3.6
M897206		14.1	41.8	<0.002	0.10	8.16	11.4	1	1.9	247	0.71	<0.05	11.0	0.259	3.2
M897207		17.4	59.8	<0.002	0.42	4.22	12.3	1	2.0	264	0.71	<0.05	11.4	0.249	3.6
M897208		19.5	31.2	0.007	3.14	4.28	7.4	2	2.1	254	0.45	0.17	8.3	0.160	2.9
M897209		1.2	2.1	<0.002	0.02	<0.05	0.4	2	<0.2	42.5	<0.05	<0.05	<0.2	<0.005	0.5
M897210		15.6	70.0	<0.002	0.32	3.81	9.8	1	2.3	248	0.73	0.05	10.1	0.244	2.3
M897211		15.1	89.3	<0.002	0.05	2.51	11.9	1	1.6	433	0.75	<0.05	11.6	0.261	3.0
M897212		22.4	81.9	<0.002	0.11	10.75	12.8	1	2.0	327	0.74	<0.05	12.0	0.272	3.1
M897213		308	149.0	<0.002	1.65	110.5	10.8	1	5.5	65.8	0.60	0.05	12.3	0.222	4.7
M897214		24.8	106.5	<0.002	0.11	10.60	13.2	1	2.8	232	0.73	<0.05	13.7	0.263	3.2
M897215		15.8	118.0	<0.002	0.20	16.00	14.4	1	2.4	92.9	0.77	<0.05	14.5	0.261	3.4
M897236		106.5	201	<0.002	5.51	96.7	9.4	2	5.4	41.2	0.53	0.74	10.7	0.178	4.7



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**CERTIFICATE OF ANALYSIS WH12151543**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897181		62	6.0	14.9	583	32.3
M897182		71	6.2	15.7	987	29.6
M897183		67	6.0	14.1	193	33.8
M897184		65	6.9	13.3	973	31.0
M897185		2	0.2	1.0	19	<0.5
M897186		67	3.9	13.5	980	26.0
M897187		68	4.4	14.3	1240	27.5
M897188		73	5.7	14.4	282	29.5
M897189		73	5.7	14.4	277	31.1
M897190		68	1.5	16.5	54	29.6
M897191		67	1.2	14.8	43	27.8
M897192		67	1.5	15.9	83	30.3
M897193		67	1.7	17.3	78	28.7
M897194		70	1.5	16.7	79	33.7
M897195		70	2.4	16.0	50	29.4
M897196		75	2.5	15.8	49	32.7
M897197		56	4.8	9.0	5230	25.5
M897198		72	3.4	15.0	1940	30.1
M897199		69	0.9	15.5	55	28.4
M897200		65	0.8	14.7	51	27.1
M897201		65	0.9	14.6	57	26.6
M897202		56	5.7	10.3	5210	26.8
M897203		65	1.1	15.9	62	27.2
M897204		64	1.2	13.5	66	27.9
M897205		64	2.3	15.1	48	30.9
M897206		67	4.5	15.3	50	29.7
M897207		67	1.5	15.8	69	30.3
M897208		100	0.8	18.6	84	15.3
M897209		2	0.1	0.9	14	<0.5
M897210		60	1.5	12.0	44	28.8
M897211		67	1.0	16.3	42	30.5
M897212		74	2.0	16.0	70	30.3
M897213		62	8.8	12.4	439	24.3
M897214		70	3.4	16.3	77	31.7
M897215		74	2.9	17.7	47	30.8
M897236		52	4.2	10.2	85	20.2



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Project: Klaza-73

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 25-JUL-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12151543**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Page: 1  
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Account: ROCKHA

**CERTIFICATE WH12151544**

Project: Klaza-73

P.O. No.: Batch 5

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 21-JUL-2012  
 Account: ROCKHA

Project: Klaza-73

**CERTIFICATE OF ANALYSIS WH12151544**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M897216		7.27	<0.005	0.63	6.86	16.0	470	1.54	0.44	3.60	0.32	38.7	18.7	16	8.65	2.5
M897217		8.76	<0.005	0.19	6.79	12.5	330	1.57	0.26	3.76	0.34	33.4	7.8	17	10.55	3.1
M897218		6.35	<0.005	0.18	6.65	7.9	320	1.58	0.24	4.07	0.39	35.5	5.8	26	12.25	3.6
M897219		12.58	<0.005	0.30	7.21	13.3	240	1.65	0.22	3.84	0.24	32.9	1.8	18	9.03	30.7
M897220		0.22	0.721	9.20	6.68	1850	340	1.38	5.99	1.88	40.5	41.5	15.9	21	16.85	103.5
M897221		6.06	<0.005	0.23	6.67	7.0	190	1.52	0.26	4.36	0.22	29.8	1.2	12	11.35	13.9
M897222		5.85	<0.005	0.19	6.69	7.3	250	1.49	0.23	4.01	0.47	31.5	1.2	15	10.45	9.6
M897223		<0.02	<0.005	0.20	6.73	6.6	250	1.42	0.21	4.02	0.42	31.3	1.2	17	10.45	9.4
M897224		9.63	<0.005	0.22	6.73	6.1	240	1.15	0.20	5.55	0.22	41.5	3.8	13	8.10	13.3
M897225		4.28	0.005	0.48	5.70	10.5	420	0.97	0.63	3.60	0.57	32.1	24.3	18	7.52	6.8
M897226		2.21	<0.005	0.02	0.07	<5	20	0.05	0.04	20.6	0.06	1.07	0.6	<1	0.15	1.4
M897227		10.99	<0.005	0.18	6.59	9.1	720	1.25	0.33	3.26	0.28	38.2	7.1	17	5.84	8.3
M897228		0.24	0.790	8.81	6.49	1805	620	1.44	6.27	1.87	40.1	45.0	14.8	20	15.30	104.0
M897229		7.90	<0.005	0.31	6.90	13.6	890	1.23	0.46	2.54	0.24	47.1	13.2	16	5.08	30.5
M897230		4.30	0.030	0.43	7.08	16.1	1800	1.31	0.98	1.61	0.41	47.5	31.8	17	8.34	41.1
M897231		4.57	0.018	0.81	5.60	23.8	400	1.41	1.34	4.18	0.52	40.6	95.6	8	36.5	61.3
M897232		3.79	<0.005	0.03	0.09	<5	20	0.05	0.03	21.4	0.07	1.31	0.7	1	0.36	1.2
M897233		4.55	<0.005	0.32	7.01	8.7	730	1.25	0.47	3.11	0.88	44.9	7.3	26	7.05	7.9
M897234		4.84	<0.005	0.30	6.57	6.6	1000	1.07	0.49	6.96	0.51	50.7	4.6	12	6.13	4.9
M897235		6.01	<0.005	0.35	6.45	13.4	820	1.09	0.41	5.35	2.93	39.7	4.4	22	5.78	8.5





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 Account: ROCKHA

Project: Klaza-73

**CERTIFICATE OF ANALYSIS WH12151544**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897216		1.47	17.60	0.25	0.9	0.055	1.61	15.1	12.4	0.60	569	1.37	1.70	8.5	3.4	600
M897217		1.13	16.45	0.24	0.8	0.047	0.72	14.7	14.9	0.74	476	1.34	1.96	7.6	2.9	520
M897218		1.06	16.85	0.27	1.0	0.052	0.73	15.5	14.6	0.74	503	1.82	1.89	8.1	2.5	580
M897219		1.19	17.95	0.25	0.9	0.115	0.36	12.8	15.1	0.78	508	1.00	2.81	8.7	2.2	580
M897220		5.31	15.95	0.24	1.4	0.900	2.81	22.6	22.9	0.69	1960	11.75	0.26	7.9	14.2	490
M897221		0.90	15.40	0.11	0.7	0.071	0.44	11.5	28.3	1.03	550	0.66	1.74	7.1	1.6	570
M897222		1.00	14.35	0.11	0.8	0.082	0.57	11.6	18.4	0.90	561	1.53	1.84	6.6	1.5	560
M897223		1.01	14.50	0.09	0.8	0.093	0.56	11.4	18.5	0.91	556	1.58	1.87	6.5	1.4	550
M897224		1.24	13.80	0.10	0.8	0.065	0.49	17.0	29.9	0.99	596	0.99	0.75	6.6	2.2	540
M897225		1.74	12.35	0.10	0.6	0.102	0.97	13.6	19.2	1.04	647	9.80	0.72	4.5	7.0	390
M897226		0.47	0.19	0.13	<0.1	<0.005	0.02	0.5	0.9	12.55	202	0.09	0.01	0.1	1.6	170
M897227		1.70	15.10	0.14	0.9	0.095	1.52	14.2	11.0	0.69	569	5.68	1.75	6.0	2.9	510
M897228		5.24	13.60	0.09	1.4	0.852	2.69	22.9	23.9	0.68	1920	11.30	0.26	6.8	13.8	490
M897229		2.73	15.40	0.10	0.8	0.055	1.50	22.9	11.5	0.70	533	5.03	2.27	6.3	3.5	510
M897230		3.97	15.10	0.07	0.9	0.096	2.45	25.6	17.0	0.84	608	29.3	1.34	6.7	4.6	530
M897231		6.29	14.65	0.05	0.6	0.092	1.00	21.6	32.1	1.40	939	6.20	0.62	4.7	11.4	330
M897232		0.47	0.25	0.08	<0.1	<0.005	0.03	0.6	1.1	12.70	207	0.17	0.01	0.2	1.8	170
M897233		2.08	14.55	0.12	0.8	0.041	1.40	22.2	22.8	0.62	529	2.05	2.08	7.1	2.7	570
M897234		2.10	13.65	0.11	0.7	0.032	1.64	27.5	26.9	0.58	719	1.74	1.34	6.3	1.5	510
M897235		2.67	14.50	0.11	0.9	0.036	1.51	19.6	26.5	0.68	753	1.87	0.96	6.9	2.4	540



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 Account: ROCKHA

Project: Klaza-73

**CERTIFICATE OF ANALYSIS WH12151544**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897216		17.8	94.8	0.002	0.39	3.23	10.3	1	2.3	255	0.65	0.30	11.5	0.253	1.61	4.3
M897217		17.4	36.9	0.002	0.22	2.59	9.6	1	2.0	341	0.59	0.05	10.8	0.223	0.77	2.8
M897218		19.7	35.1	<0.002	0.20	2.65	10.3	1	2.4	336	0.64	0.05	11.0	0.239	0.83	2.9
M897219		14.6	15.0	<0.002	0.04	2.89	11.0	1	2.8	468	0.65	0.05	11.6	0.249	0.36	2.6
M897220		1315	157.0	<0.002	3.12	35.0	8.1	1	6.0	153.0	0.64	0.30	11.0	0.210	2.40	4.9
M897221		21.7	15.1	<0.002	0.02	4.25	9.6	<1	2.0	449	0.59	0.05	11.1	0.239	0.44	1.8
M897222		17.7	23.6	<0.002	0.05	2.62	8.8	1	2.1	409	0.53	0.09	11.1	0.231	0.62	1.9
M897223		17.8	22.7	0.002	0.06	2.54	9.1	1	2.0	413	0.54	0.06	11.0	0.223	0.60	1.9
M897224		13.1	19.4	<0.002	0.07	4.84	9.0	1	1.9	392	0.54	0.08	11.9	0.221	0.42	2.5
M897225		44.8	53.3	0.007	0.54	4.73	9.2	1	1.7	174.0	0.38	0.21	10.2	0.159	0.81	3.3
M897226		1.2	0.9	0.002	0.02	0.05	0.2	<1	<0.2	37.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M897227		16.3	75.3	0.003	0.19	2.92	8.8	1	2.6	189.5	0.53	0.07	12.4	0.203	1.45	2.3
M897228		1315	145.5	<0.002	3.05	30.5	7.9	1	5.0	139.5	0.57	0.43	12.2	0.203	2.34	5.1
M897229		16.3	74.2	0.004	0.47	2.89	9.6	1	1.8	231	0.51	0.10	12.6	0.219	0.95	5.2
M897230		23.0	116.0	0.019	1.11	2.68	9.4	1	1.9	219	0.56	0.40	13.6	0.241	1.17	6.8
M897231		41.7	59.6	0.005	3.75	7.90	11.3	2	1.9	205	0.36	0.27	9.3	0.143	0.59	8.7
M897232		1.3	2.0	<0.002	0.01	0.06	0.2	<1	<0.2	38.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M897233		25.0	65.2	<0.002	0.18	5.15	8.8	1	1.4	267	0.58	0.07	12.4	0.244	0.83	2.8
M897234		25.6	77.7	<0.002	0.09	7.88	9.0	1	1.1	399	0.47	<0.05	12.6	0.208	0.79	2.5
M897235		57.0	52.2	<0.002	0.11	5.03	8.7	1	1.4	247	0.54	0.05	11.3	0.233	0.84	3.1



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Project: Klaza-73

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**CERTIFICATE OF ANALYSIS    WH12151544**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
M897216		73	0.8	14.8	59	25.4
M897217		68	0.8	14.6	53	23.3
M897218		72	1.0	15.9	58	27.3
M897219		66	0.7	15.1	50	25.8
M897220		59	5.6	11.3	3010	40.9
M897221		61	2.0	14.4	53	18.9
M897222		59	1.6	12.9	65	19.9
M897223		59	1.6	12.6	62	19.4
M897224		61	2.0	17.1	45	19.1
M897225		80	1.3	16.8	78	15.7
M897226		2	0.1	0.7	13	<0.5
M897227		70	1.5	17.0	51	20.9
M897228		56	4.9	10.8	2940	33.0
M897229		79	1.3	13.7	63	20.3
M897230		73	1.9	14.5	91	21.7
M897231		117	1.7	25.6	96	14.1
M897232		3	0.1	0.8	14	<0.5
M897233		64	1.7	12.0	87	21.4
M897234		57	1.3	14.2	70	20.3
M897235		63	2.0	15.3	189	22.8

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



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**CERTIFICATE OF ANALYSIS WH12151544**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12151545**

Project: Klaza-76

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 23-JUL-2012  
Account: ROCKHA

Project: Klaza-76

**CERTIFICATE OF ANALYSIS WH12151545**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899087		10.81	0.015	0.53	8.11	36.5	3230	1.74	1.76	0.79	2.83	45.4	12.0	9	16.60	21.2
M899088		7.77	0.017	0.85	7.81	78.2	1650	1.45	1.78	1.17	7.26	38.7	8.8	8	14.55	35.6
M899089		11.00	0.065	1.59	7.48	159.5	1570	1.47	1.94	1.48	14.45	45.1	10.0	7	14.65	81.3
M899090		<0.02	0.067	1.69	7.61	161.5	1030	1.51	1.98	1.49	14.75	46.9	10.7	7	15.20	87.0
M899091		10.15	0.088	0.42	7.46	89.3	2360	1.39	0.60	1.72	4.91	45.4	6.5	7	14.55	6.8
M899092		9.17	0.041	0.64	7.63	89.0	2680	1.45	1.94	1.63	6.24	35.8	7.2	7	13.25	23.4
M899093		7.98	0.534	7.55	7.21	1415	450	1.46	4.25	0.70	64.0	49.5	5.8	7	11.95	435
M899094		0.26	2.23	23.8	5.99	3590	210	1.19	18.65	2.17	71.1	42.1	10.2	17	14.30	447
M899095		3.86	0.130	5.01	7.09	250	210	1.41	4.08	0.40	36.4	55.1	6.1	8	13.30	110.0
M899096		11.99	<0.005	0.10	7.24	15.3	1120	1.99	0.09	3.44	0.64	53.4	5.1	12	34.5	8.6
M899097		9.25	<0.005	0.09	7.35	19.9	960	2.17	0.10	2.97	0.19	57.0	5.6	17	36.7	7.5
M899098		3.47	0.542	7.81	7.53	247	870	3.41	11.35	0.75	11.75	60.7	8.0	24	45.1	307
M899099		9.94	<0.005	0.40	6.52	21.1	820	2.58	0.68	0.34	0.39	18.30	0.7	1	27.1	5.5
M899100		5.72	<0.005	0.12	6.52	34.7	440	2.92	0.34	0.23	0.75	23.2	1.5	3	23.7	3.1
M899101		0.23	2.24	24.9	5.98	3590	190	1.24	18.95	2.17	74.1	44.6	10.2	18	15.05	453
M899102		10.70	0.031	0.94	7.08	91.2	1340	1.68	2.02	1.08	2.72	50.5	4.0	6	20.2	43.3
M899103		8.61	0.016	0.77	7.29	51.7	1770	1.58	2.12	1.53	1.25	61.0	3.8	7	17.50	10.5
M899104		4.81	0.014	0.42	4.88	59.5	1790	1.16	1.56	0.81	1.25	32.8	4.9	5	14.15	20.4
M899105		4.76	0.013	0.52	7.63	59.3	1450	1.47	2.60	1.51	1.36	52.7	6.8	7	17.60	11.8
M899106		7.75	0.011	0.25	7.24	20.3	2100	1.32	0.57	1.78	1.41	47.1	4.6	8	17.15	5.4
M899107		9.98	0.010	0.48	7.93	34.1	2480	1.35	0.57	1.56	4.63	46.7	4.6	8	19.75	6.4
M899108		3.75	0.051	1.04	6.99	106.0	820	1.42	1.05	1.57	17.85	46.1	3.5	7	15.85	7.9
M899109		10.58	0.009	0.33	7.87	21.3	2180	1.54	0.94	1.69	3.55	53.3	3.5	8	16.75	5.4
M899110		5.28	0.505	10.40	6.76	202	560	1.24	17.80	1.01	19.90	39.0	12.8	8	9.13	221
M899111		11.60	0.028	0.70	7.48	46.1	1900	1.37	1.45	1.81	5.39	52.8	7.1	7	14.55	13.0
M899112		11.76	0.125	6.71	7.49	379	710	1.64	5.15	1.83	17.05	80.6	27.3	7	13.50	548
M899113		2.89	<0.005	0.02	0.08	<5	20	0.05	0.08	21.2	0.08	1.50	1.3	<1	0.30	2.5
M899114		7.63	0.027	1.12	8.14	79.4	1630	1.63	1.96	1.25	5.66	78.1	7.1	8	15.75	52.0
M899115		3.28	0.017	0.63	8.01	52.1	1390	1.62	1.58	1.28	3.60	83.6	5.9	8	16.55	27.1
M899116		5.45	0.021	1.73	7.36	68.5	1560	1.77	2.18	2.52	10.70	50.5	21.0	6	13.45	28.5
M899117		7.53	0.011	0.59	7.17	47.2	1200	1.57	2.17	1.79	0.50	45.2	12.0	8	14.90	27.2
M899118		4.12	0.012	0.63	7.76	29.9	1320	1.71	1.75	1.41	0.54	62.0	6.2	9	16.95	27.5
M899119		7.11	0.010	0.57	7.26	61.3	1200	1.73	0.73	1.71	0.54	49.5	7.5	7	20.3	116.0
M899120		10.83	0.026	0.65	6.97	106.0	1430	1.97	1.44	2.11	1.42	36.9	6.6	8	18.90	23.3
M899121		3.55	<0.005	0.01	0.08	<5	30	0.05	0.02	21.2	0.07	1.36	1.3	<1	0.24	1.5
M899122		10.42	0.006	0.38	7.09	80.0	970	1.45	0.75	1.33	1.98	48.4	4.6	8	19.25	34.6



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Account: ROCKHA

Project: Klaza-76

**CERTIFICATE OF ANALYSIS WH12151545**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899087		3.66	16.70	0.13	1.4	0.167	3.08	24.3	27.1	0.42	718	2.06	0.53	8.6	4.2	680
M899088		4.00	16.90	0.14	1.0	0.212	3.09	21.1	24.5	0.56	1260	1.41	0.07	7.6	3.2	600
M899089		4.41	15.95	0.15	1.0	0.415	3.18	24.3	17.2	0.72	1250	2.79	0.56	7.0	4.0	580
M899090		4.55	16.25	0.17	1.0	0.444	3.23	25.1	17.6	0.73	1270	3.33	0.58	7.1	4.1	580
M899091		3.35	15.70	0.15	1.2	0.132	3.18	23.2	19.4	0.58	843	2.08	1.16	7.8	2.9	580
M899092		3.52	15.05	0.16	1.2	0.175	3.41	17.3	15.6	0.62	963	2.36	1.27	7.1	2.9	580
M899093		6.05	15.10	0.18	1.0	2.00	3.36	26.7	7.9	0.67	1410	6.80	0.04	6.5	2.9	530
M899094		6.71	13.55	0.18	0.8	1.555	2.61	22.4	22.5	0.92	1930	12.00	0.04	5.9	15.4	450
M899095		6.02	16.05	0.17	1.1	0.980	3.29	29.5	11.1	0.49	1200	4.33	0.04	6.9	3.2	530
M899096		2.39	17.35	0.14	1.5	0.038	2.20	26.9	19.1	1.05	649	0.41	0.09	8.7	7.3	820
M899097		2.25	18.40	0.16	2.3	0.028	2.42	29.4	19.0	0.97	699	0.57	0.08	9.2	10.4	760
M899098		3.51	19.30	0.17	3.4	0.274	2.66	32.6	15.7	0.46	1090	6.04	0.10	11.6	21.5	570
M899099		0.66	18.80	0.10	2.8	0.029	2.42	8.5	20.9	0.21	253	2.85	0.07	19.9	1.2	40
M899100		0.86	18.15	0.11	2.9	0.027	2.24	11.2	39.6	0.19	318	3.15	0.06	19.0	1.7	160
M899101		6.75	13.80	0.21	0.8	1.625	2.60	24.1	24.4	0.92	1930	12.35	0.04	6.2	15.9	450
M899102		3.90	14.70	0.15	1.0	0.186	2.36	28.8	42.4	0.56	1080	12.35	0.04	6.8	2.7	550
M899103		4.34	15.00	0.17	0.9	0.232	2.81	36.1	26.7	0.77	1320	9.78	0.05	6.7	2.2	550
M899104		2.75	9.61	0.12	0.6	0.187	1.66	19.9	61.2	0.36	813	7.18	0.04	3.8	2.0	360
M899105		3.91	16.65	0.17	1.0	0.274	2.90	27.3	52.0	0.65	1020	3.35	0.06	8.1	3.0	620
M899106		3.17	15.80	0.14	1.1	0.121	2.61	24.8	64.3	0.67	961	1.59	0.07	8.1	2.7	590
M899107		3.76	16.45	0.17	1.1	0.094	3.08	24.3	39.2	0.68	1180	2.55	0.08	8.3	2.6	620
M899108		4.19	13.80	0.16	0.8	0.276	2.47	25.0	43.9	0.68	1140	7.90	0.04	6.5	2.3	540
M899109		3.96	15.40	0.16	0.9	0.188	3.08	30.3	31.1	0.69	1020	13.15	0.37	7.2	2.1	640
M899110		6.49	14.20	0.18	0.7	1.075	3.12	22.4	8.6	0.59	1220	10.45	0.04	5.7	2.0	490
M899111		3.76	14.75	0.15	1.0	0.237	2.67	31.2	29.5	0.74	1120	4.94	0.06	7.0	3.6	590
M899112		5.70	15.95	0.16	0.9	1.350	2.93	58.3	25.0	0.93	1680	4.70	0.06	6.2	3.8	570
M899113		0.51	0.32	0.08	<0.1	0.007	0.04	0.8	1.2	12.85	227	0.18	<0.01	0.3	2.0	180
M899114		3.94	17.65	0.18	1.1	0.319	2.71	49.2	39.0	0.61	1040	6.20	0.07	8.2	2.9	640
M899115		3.55	16.95	0.19	1.1	0.228	2.62	53.8	42.5	0.63	1030	6.25	0.06	8.4	2.6	620
M899116		4.09	16.00	0.16	0.9	0.301	2.59	30.0	21.6	0.98	1340	1.46	0.07	7.2	3.3	590
M899117		3.44	16.15	0.15	0.9	0.250	2.46	25.5	36.6	0.69	1130	3.75	0.07	7.8	3.9	580
M899118		3.27	16.45	0.16	0.9	0.226	2.56	36.3	22.5	0.61	968	6.11	0.10	8.0	2.2	600
M899119		2.67	16.20	0.16	1.0	0.133	2.35	26.6	73.9	0.62	989	6.42	0.05	8.1	3.3	580
M899120		2.83	14.85	0.17	1.3	0.164	2.85	19.6	22.4	0.89	1320	7.37	0.05	6.4	3.5	600
M899121		0.49	0.32	0.10	<0.1	0.005	0.03	0.7	1.2	12.95	228	0.16	<0.01	0.3	2.3	200
M899122		2.66	14.90	0.15	1.3	0.104	2.21	25.9	55.5	0.50	922	6.86	0.04	7.3	2.3	490



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**CERTIFICATE OF ANALYSIS WH12151545**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M899087		57.0	121.0	<0.002	0.63	11.25	11.5	1	2.6	117.0	0.73	0.21	15.2	0.261	5.0
M899088		233	145.0	<0.002	1.48	15.50	11.6	1	4.1	63.3	0.62	0.33	13.9	0.228	3.7
M899089		338	139.5	<0.002	1.58	16.20	10.9	1	5.7	117.0	0.56	0.24	14.2	0.215	4.6
M899090		343	142.5	<0.002	1.67	17.05	10.9	1	5.7	119.0	0.58	0.25	14.6	0.215	4.8
M899091		159.5	113.5	<0.002	0.45	6.59	10.3	1	2.7	213	0.65	0.08	13.1	0.239	4.1
M899092		164.0	133.5	<0.002	0.76	8.07	10.3	1	2.7	190.5	0.60	0.10	14.3	0.220	6.1
M899093		918	212	<0.002	4.22	34.9	9.8	1	7.9	63.1	0.53	0.22	12.6	0.203	4.6
M899094		2830	150.0	0.002	4.87	80.8	8.1	1	7.1	85.1	0.45	0.37	10.1	0.177	5.3
M899095		1120	215	<0.002	4.41	31.6	9.1	1	9.4	42.5	0.54	0.22	12.3	0.203	5.4
M899096		22.0	80.1	<0.002	0.08	7.63	6.0	1	1.2	266	0.63	<0.05	9.1	0.258	3.8
M899097		20.5	96.7	<0.002	0.06	6.59	6.2	1	1.3	263	0.67	<0.05	10.3	0.258	6.3
M899098		584	125.5	<0.002	1.69	52.3	6.8	1	5.1	277	0.84	0.25	13.5	0.246	13.3
M899099		53.6	131.0	<0.002	0.06	10.05	3.3	<1	2.9	48.3	2.61	<0.05	22.4	0.034	7.3
M899100		37.0	133.5	<0.002	0.02	21.9	3.3	<1	2.7	118.0	2.36	<0.05	20.7	0.064	6.8
M899101		2830	154.0	0.002	4.89	84.2	8.3	1	7.7	88.2	0.47	0.43	10.3	0.178	5.5
M899102		105.5	131.5	<0.002	1.11	39.5	9.9	1	3.5	81.2	0.55	0.16	13.2	0.198	5.3
M899103		100.5	138.0	<0.002	1.20	16.95	11.2	1	4.8	57.2	0.53	0.21	13.7	0.212	4.6
M899104		51.1	81.4	<0.002	0.82	73.1	7.0	1	2.4	50.1	0.31	0.16	8.9	0.121	3.7
M899105		44.5	120.5	<0.002	1.02	15.85	11.4	1	3.4	142.5	0.63	0.20	14.0	0.241	5.1
M899106		30.0	87.5	<0.002	0.27	19.50	10.5	1	2.3	135.0	0.65	<0.05	13.1	0.239	4.1
M899107		112.5	107.0	<0.002	0.38	15.80	11.1	1	2.5	95.8	0.70	<0.05	13.4	0.249	5.4
M899108		246	100.5	<0.002	1.70	26.2	9.3	1	2.9	105.0	0.52	0.10	12.4	0.203	5.9
M899109		73.3	118.5	0.004	0.60	11.65	10.7	1	2.5	112.5	0.58	0.08	13.5	0.227	5.1
M899110		662	163.0	0.003	4.39	13.45	9.1	1	6.1	24.4	0.45	0.35	11.0	0.182	3.0
M899111		106.0	97.0	0.002	0.96	12.45	9.8	1	2.5	74.2	0.59	0.16	12.2	0.220	4.3
M899112		351	141.0	0.003	2.32	22.7	10.1	1	4.0	48.2	0.53	0.63	13.5	0.193	4.0
M899113		2.1	2.1	<0.002	0.02	0.09	0.3	1	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	0.6
M899114		66.8	123.5	0.004	0.91	14.80	11.7	1	3.4	74.2	0.68	0.12	15.2	0.240	4.2
M899115		58.1	121.0	0.005	0.65	12.30	11.7	1	3.0	74.3	0.70	0.10	15.7	0.249	4.2
M899116		669	105.5	<0.002	1.73	10.20	10.5	1	6.1	69.6	0.55	0.41	12.8	0.207	4.1
M899117		24.8	107.5	0.002	0.83	15.00	9.9	1	3.3	70.6	0.65	0.14	12.2	0.238	4.7
M899118		17.8	124.0	0.005	0.61	15.10	10.8	1	2.5	45.8	0.66	0.09	13.3	0.248	5.2
M899119		14.8	111.5	0.005	0.42	38.6	10.8	1	2.1	78.8	0.69	0.07	13.6	0.239	6.7
M899120		39.4	178.5	0.003	0.89	18.95	8.6	1	2.4	137.0	0.54	0.11	12.6	0.191	4.9
M899121		1.4	1.8	<0.002	0.01	0.11	0.3	1	<0.2	40.3	<0.05	<0.05	<0.2	<0.005	0.5
M899122		42.4	103.0	<0.002	0.26	30.1	8.7	1	1.9	54.4	0.75	<0.05	16.1	0.202	4.8





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**CERTIFICATE OF ANALYSIS WH12151545**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899087		76	1.5	15.5	495	49.2
M899088		73	4.1	13.6	679	33.8
M899089		67	4.6	13.7	1280	32.3
M899090		67	4.8	14.0	1300	33.4
M899091		65	2.4	15.1	589	38.9
M899092		67	1.2	14.1	789	37.5
M899093		63	5.4	9.9	5080	31.6
M899094		56	5.1	9.4	5290	25.8
M899095		63	7.7	9.9	2980	40.8
M899096		49	2.9	12.0	129	51.6
M899097		48	2.2	12.1	92	82.1
M899098		50	3.5	12.9	1020	145.5
M899099		1	1.5	13.3	83	53.3
M899100		9	1.8	12.1	209	67.1
M899101		56	5.1	10.0	5440	27.6
M899102		63	3.3	12.4	316	32.4
M899103		70	2.7	13.1	228	28.3
M899104		49	1.3	9.5	206	19.4
M899105		68	2.3	14.8	209	33.6
M899106		67	2.2	14.2	223	33.0
M899107		70	3.5	14.0	510	36.0
M899108		62	3.7	12.9	1520	26.9
M899109		75	1.6	14.2	398	29.3
M899110		63	3.6	8.6	1440	22.5
M899111		69	2.0	12.5	412	30.9
M899112		68	3.7	12.5	1500	28.0
M899113		3	0.1	0.9	17	1.0
M899114		75	3.2	14.6	500	34.3
M899115		76	2.8	15.0	421	34.5
M899116		58	2.0	14.3	783	27.9
M899117		68	1.7	12.9	200	29.0
M899118		69	1.5	13.6	148	29.5
M899119		67	2.1	13.4	254	32.7
M899120		60	2.4	12.1	233	48.8
M899121		2	0.1	0.8	14	0.5
M899122		58	2.6	11.9	340	39.6



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Project: Klaza-76

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Finalized Date: 23-JUL-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12151545**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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To: **ROCKHAVEN RESOURCES LTD.**  
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Finalized Date: 26-JUL-2012  
Account: ROCKHA

**CERTIFICATE WH12151546**

Project: Klaza-76

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza-76

**CERTIFICATE OF ANALYSIS WH12151546**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899123		12.21	0.012	1.03	6.98	105.5	1010	1.71	1.75	1.16	3.66	55.2	4.9	14	22.8	52.2
M899124		11.34	<0.005	0.08	7.11	81.6	1510	2.19	0.19	1.87	0.59	69.6	6.0	22	15.55	8.2
M899125		11.04	0.009	0.59	6.90	111.5	1210	1.84	0.32	1.15	6.29	58.8	5.5	14	25.4	8.5
M899126		6.36	0.005	0.14	6.81	64.9	740	2.22	0.16	0.72	0.68	69.5	5.9	20	18.90	4.8
M899127		5.62	0.011	0.52	6.64	104.5	1190	1.87	0.52	0.76	2.59	70.6	6.9	20	27.3	48.2
M899128		0.22	4.47	>100	5.23	8060	900	1.09	60.4	1.87	213	33.9	8.2	18	10.80	1250
M899129		8.94	0.273	24.7	4.87	2630	140	1.20	18.60	1.96	67.4	64.3	13.1	11	19.05	1535
M899130		3.15	<0.005	0.11	0.08	9	20	0.07	0.08	21.2	0.17	1.30	0.6	1	0.23	4.0
M899131		12.31	0.006	0.22	7.35	24.6	1850	1.41	0.41	2.27	0.46	51.5	6.0	15	20.5	5.2
M899132		9.85	0.009	0.36	7.32	32.4	1900	1.58	0.29	2.39	0.99	44.2	4.8	15	16.15	5.7
M899133		4.67	0.679	1.57	7.00	139.5	890	1.46	2.11	2.06	3.94	58.0	5.3	15	15.35	16.6
M899134		5.71	<0.005	0.13	7.21	17.6	1730	1.15	0.18	1.43	0.49	47.7	4.6	18	15.80	2.9
M899135		2.68	<0.005	0.11	7.39	16.4	1840	1.05	0.16	1.31	0.23	51.2	4.4	13	17.45	2.4
M899136		4.97	0.030	0.16	6.74	57.6	2100	1.26	0.22	1.76	0.47	44.3	4.9	20	14.85	5.4
M899137		8.39	0.101	0.70	7.01	407	1700	1.49	0.70	2.22	9.34	57.7	6.4	15	18.45	13.4
M899138		5.47	0.067	0.80	7.01	337	1340	1.65	0.43	2.27	13.25	58.2	6.2	13	18.05	8.2
M899139		4.72	1.635	6.97	5.39	599	900	1.23	5.20	1.75	42.4	48.3	7.7	12	11.35	121.0
M899140		3.23	<0.005	0.04	0.07	<5	20	0.06	0.04	20.1	0.09	1.20	0.6	1	0.17	2.2
M899141		4.06	0.229	1.20	6.78	1010	1490	1.35	1.30	2.78	3.20	56.8	6.1	12	16.10	29.6
M899142		4.05	0.047	0.32	7.19	201	1320	1.48	0.24	2.46	0.16	54.4	6.7	12	25.3	6.1
M899143		8.09	0.171	0.36	6.96	870	2520	1.38	0.29	2.49	0.18	50.3	5.5	12	24.6	5.1
M899144		4.46	0.585	4.34	6.52	404	540	1.18	0.50	2.32	50.5	51.8	5.7	10	17.75	95.1
M899145		7.86	0.015	0.39	7.36	48.8	1850	1.48	0.56	2.16	2.56	54.9	5.6	12	18.45	7.6
M899146		4.56	0.028	0.15	6.86	97.2	2400	1.25	0.36	2.14	0.14	50.1	6.7	11	20.7	4.6
M899147		5.83	0.030	0.44	6.84	95.3	1360	1.29	0.34	2.45	1.27	47.7	6.3	13	24.7	5.7
M899148		<0.02	0.027	0.33	7.12	93.2	1360	1.40	0.28	2.46	0.94	51.9	6.5	18	25.7	5.0
M899149		8.71	3.22	6.82	6.69	309	530	1.22	5.76	1.84	6.82	53.4	5.4	12	17.95	130.0
M899150		4.97	0.047	0.69	7.20	112.0	1220	1.60	1.17	1.89	2.59	80.1	4.5	12	18.45	8.4
M899151		0.23	4.26	>100	5.11	7830	1010	0.95	56.8	1.84	209	34.2	9.1	16	11.45	1165
M899152		4.82	2.70	11.25	5.83	1130	440	1.84	13.80	2.38	12.80	49.3	5.6	10	16.55	556
M899153		6.50	0.248	2.83	7.06	138.5	1390	1.58	2.97	2.48	18.10	52.5	5.1	11	19.40	89.3
M899154		8.30	0.035	0.21	7.33	187.5	1540	1.33	0.49	2.34	0.17	52.2	9.1	13	20.1	3.6
M899155		4.58	1.700	15.95	5.79	1160	980	1.18	21.2	1.51	8.54	43.0	5.4	14	16.10	271
M899156		5.82	0.115	0.47	7.20	490	1320	1.30	0.59	2.52	1.77	59.2	5.0	13	19.60	7.5
M899157		7.83	0.102	0.36	6.86	513	1850	1.25	0.29	2.76	1.68	57.2	5.0	11	17.25	5.6
M899158		5.69	0.049	0.96	6.74	182.5	1620	1.36	0.96	3.09	6.26	50.9	6.4	11	17.15	6.1



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Project: Klaza-76

**CERTIFICATE OF ANALYSIS WH12151546**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899123		3.67	14.45	0.06	1.8	0.197	2.37	28.0	48.1	0.65	1260	8.28	0.05	7.4	3.5	660
M899124		2.65	18.20	0.11	4.9	0.029	2.13	35.3	90.7	0.71	643	3.74	0.05	10.2	7.7	1180
M899125		4.95	15.10	0.07	1.7	0.207	2.41	30.7	89.2	0.69	1680	6.52	0.05	7.2	4.2	630
M899126		2.15	16.85	0.07	4.0	0.029	1.99	38.6	116.5	0.38	679	3.18	0.04	9.2	8.1	810
M899127		2.72	16.85	0.10	4.2	0.047	1.78	38.1	74.1	0.41	954	6.09	0.04	9.5	8.0	900
M899128		7.97	11.95	0.05	1.0	4.44	2.19	17.5	28.3	0.60	2920	14.05	0.08	5.1	12.6	430
M899129		5.72	11.15	<0.05	0.8	1.175	2.02	38.0	14.9	0.70	2170	3.73	0.03	3.7	3.7	360
M899130		0.48	0.23	0.06	<0.1	0.008	0.03	0.6	1.0	12.95	207	0.22	<0.01	0.1	1.7	140
M899131		3.20	16.20	0.12	1.3	0.067	2.46	26.3	41.6	0.55	671	3.29	0.68	8.1	2.6	630
M899132		3.06	15.70	0.06	1.2	0.066	2.81	22.4	30.4	0.61	583	3.33	1.33	8.0	2.6	580
M899133		4.07	13.90	0.05	1.0	0.147	2.11	33.2	48.5	0.78	1310	6.12	0.04	6.5	2.8	570
M899134		2.79	14.65	<0.05	1.2	0.038	1.92	24.4	97.4	0.53	688	2.18	0.06	7.2	2.2	570
M899135		2.72	15.20	0.06	1.2	0.036	1.94	26.2	83.2	0.50	644	1.80	0.07	7.5	2.1	580
M899136		2.59	13.95	0.06	1.2	0.050	2.18	24.0	69.4	0.65	795	2.40	0.06	6.9	2.3	520
M899137		3.18	14.15	0.06	1.2	0.240	3.03	32.1	24.1	0.80	1100	2.85	0.07	6.5	2.2	500
M899138		3.94	14.80	0.07	1.1	0.457	3.11	31.5	11.6	0.84	2130	2.80	0.04	7.0	2.6	530
M899139		6.07	12.55	0.07	0.8	0.670	2.40	25.6	12.2	0.67	1620	6.19	0.03	5.3	2.3	380
M899140		0.45	0.23	0.06	<0.1	0.007	0.03	0.6	0.9	12.35	212	0.12	<0.01	0.2	1.6	260
M899141		3.52	13.95	0.10	1.1	0.203	2.88	32.5	12.4	1.06	1830	2.70	0.04	6.3	2.2	510
M899142		3.09	15.45	0.09	1.1	0.055	2.87	27.5	14.9	0.89	963	2.41	0.05	7.8	2.6	560
M899143		2.89	14.85	0.09	1.0	0.057	2.86	26.4	18.3	0.87	1200	3.72	0.05	7.0	2.5	550
M899144		4.00	15.95	0.07	1.0	0.168	2.27	26.2	46.6	0.91	1340	2.57	0.03	7.1	2.5	470
M899145		3.03	18.00	0.09	1.1	0.128	2.08	27.2	187.0	0.82	851	2.24	0.05	7.8	2.9	570
M899146		3.10	17.20	0.11	1.0	0.073	2.39	24.0	63.6	0.81	891	2.05	0.06	7.8	2.4	520
M899147		2.77	17.15	0.10	1.0	0.091	2.68	22.8	24.2	0.84	1020	2.77	0.05	7.9	2.6	540
M899148		2.81	17.15	0.09	1.1	0.082	2.74	25.9	24.2	0.87	1020	3.23	0.05	7.9	2.7	530
M899149		4.49	17.30	0.12	1.0	0.274	2.39	27.1	38.6	0.76	1430	6.00	0.03	7.5	2.5	490
M899150		3.54	17.15	0.11	1.0	0.249	3.08	46.4	16.0	0.78	1360	20.7	0.04	7.0	2.3	540
M899151		7.83	13.25	0.14	1.1	4.58	2.13	15.7	29.4	0.60	2860	15.10	0.08	5.9	13.2	420
M899152		7.25	13.85	0.13	0.8	0.480	2.46	25.5	26.9	0.87	2240	12.80	0.04	5.9	2.3	400
M899153		4.38	16.85	0.08	0.9	0.327	3.05	27.5	21.2	0.84	1270	2.11	0.06	6.9	2.3	520
M899154		3.23	18.15	0.10	1.0	0.034	2.54	27.3	30.3	0.85	849	5.17	0.23	7.7	2.6	540
M899155		5.56	15.35	0.12	0.8	0.501	2.50	20.5	15.6	0.51	942	41.7	0.03	6.1	2.8	400
M899156		3.14	18.00	0.10	1.0	0.103	2.74	29.1	26.4	0.93	1940	13.20	0.05	8.0	2.3	570
M899157		2.67	17.05	0.10	1.0	0.057	2.76	29.4	16.0	1.01	2240	3.98	0.06	7.6	2.4	520
M899158		3.30	16.45	0.10	1.0	0.112	2.47	25.0	39.5	0.92	2190	3.83	0.07	7.4	2.3	490



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**CERTIFICATE OF ANALYSIS WH12151546**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899123		95.7	119.0	<0.002	0.48	30.9	8.5	1	3.4	159.0	0.65	0.11	13.4	0.248	1.95	4.5
M899124		17.0	69.8	<0.002	0.06	20.1	5.7	1	1.5	305	0.72	<0.05	11.3	0.322	1.25	5.0
M899125		157.5	130.0	<0.002	0.28	16.50	9.5	1	2.9	87.8	0.61	<0.05	12.9	0.234	2.52	4.6
M899126		19.4	91.0	<0.002	0.02	31.4	5.2	<1	1.4	160.5	0.63	<0.05	12.2	0.272	1.19	5.5
M899127		37.0	79.1	0.003	0.07	41.2	5.7	1	1.3	444	0.61	<0.05	10.3	0.302	1.04	6.9
M899128		9150	130.0	<0.002	6.92	205	6.9	1	7.5	115.0	0.42	0.45	8.9	0.178	2.00	5.1
M899129		952	99.7	0.003	4.02	285	6.5	1	5.8	60.3	0.35	0.34	9.4	0.123	2.09	3.7
M899130		3.8	1.6	<0.002	0.02	0.67	0.2	<1	0.2	40.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M899131		22.9	102.0	<0.002	0.34	13.55	10.6	<1	1.9	184.0	0.70	<0.05	13.4	0.268	1.32	2.8
M899132		48.1	113.0	0.002	0.25	8.09	10.0	1	2.0	230	0.68	<0.05	12.4	0.249	1.31	3.8
M899133		135.0	119.0	0.002	1.36	22.0	9.1	<1	2.4	165.5	0.58	0.11	14.2	0.211	1.85	7.6
M899134		20.7	76.3	<0.002	0.17	23.7	9.5	1	1.5	117.0	0.68	<0.05	13.6	0.244	1.08	2.7
M899135		15.9	86.5	<0.002	0.13	24.7	9.7	<1	1.6	119.0	0.69	<0.05	14.6	0.245	1.10	2.8
M899136		38.9	96.7	<0.002	0.34	22.2	8.5	1	1.4	172.0	0.60	<0.05	13.0	0.225	1.52	3.8
M899137		139.0	149.0	0.002	1.12	9.21	8.7	<1	1.8	110.5	0.59	0.13	15.3	0.216	2.45	4.9
M899138		185.0	167.0	<0.002	1.85	8.30	9.2	1	3.2	72.1	0.57	0.06	15.0	0.225	3.32	6.6
M899139		1160	154.5	<0.002	5.71	28.8	7.5	1	5.2	52.8	0.44	0.23	9.9	0.168	2.58	2.6
M899140		2.3	1.5	<0.002	0.01	0.10	0.2	1	0.2	35.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M899141		188.5	171.0	<0.002	1.37	16.30	8.7	1	2.0	88.1	0.56	0.08	13.9	0.206	2.87	5.2
M899142		12.3	130.0	<0.002	0.43	7.11	10.7	1	1.7	95.0	0.64	<0.05	13.7	0.248	2.32	6.9
M899143		21.4	132.0	<0.002	0.65	10.05	9.6	1	1.5	109.5	0.61	0.07	13.6	0.236	2.73	6.4
M899144		2330	144.5	<0.002	2.10	21.6	9.2	1	2.7	109.5	0.55	0.06	11.3	0.200	2.06	4.7
M899145		115.0	101.0	<0.002	0.54	14.05	10.4	1	2.2	153.0	0.59	0.06	13.2	0.233	1.64	3.7
M899146		17.9	116.0	<0.002	0.59	14.30	10.1	1	1.9	114.5	0.58	0.06	12.2	0.226	1.79	3.1
M899147		39.6	120.0	<0.002	0.55	9.40	9.8	1	2.0	116.5	0.60	0.10	12.2	0.231	2.26	5.2
M899148		38.8	141.0	<0.002	0.55	9.35	10.4	1	2.0	118.0	0.60	0.06	13.2	0.233	2.22	5.4
M899149		257	142.0	<0.002	2.93	38.3	9.5	1	8.2	101.5	0.55	0.08	11.5	0.217	2.41	5.4
M899150		64.6	186.5	0.004	1.59	9.12	10.3	1	3.6	72.1	0.54	0.14	13.1	0.205	2.98	5.4
M899151		8750	133.0	<0.002	6.66	201	6.3	2	8.7	121.0	0.44	0.49	8.2	0.172	2.08	5.1
M899152		525	144.5	0.002	5.77	124.0	10.4	1	6.5	65.6	0.41	0.13	10.7	0.170	2.54	4.7
M899153		372	149.5	<0.002	1.81	8.27	10.0	2	2.6	118.0	0.54	0.05	13.7	0.220	2.40	4.8
M899154		15.6	146.5	<0.002	0.42	8.95	10.8	1	1.5	111.0	0.56	0.05	13.5	0.235	2.23	5.1
M899155		460	154.0	<0.002	5.06	116.0	7.8	1	9.7	58.9	0.46	0.16	9.3	0.180	2.78	4.6
M899156		66.6	143.5	0.003	0.90	11.05	10.7	1	2.3	143.0	0.61	0.07	12.2	0.234	2.51	4.8
M899157		52.9	161.0	<0.002	0.76	12.65	10.7	1	2.6	95.3	0.58	<0.05	12.5	0.221	2.58	5.1
M899158		242	128.5	<0.002	1.13	9.75	9.5	1	2.9	123.0	0.59	0.05	11.9	0.215	2.33	4.4



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 Account: ROCKHA

Project: Klaza-76

**CERTIFICATE OF ANALYSIS WH12151546**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M899123		54	4.0	12.1	487	55.0		
M899124		56	7.1	12.1	293	175.0		
M899125		62	7.0	11.7	687	48.5		
M899126		47	5.4	11.9	330	144.5		
M899127		56	3.1	14.7	574	162.5		
M899128		51	4.2	8.7	>10000	28.0	115	1.640
M899129		46	3.5	9.1	4590	19.3		
M899130		3	0.1	0.8	27	<0.5		
M899131		75	3.5	16.7	80	29.8		
M899132		67	2.9	15.1	104	30.9		
M899133		58	4.4	14.3	345	25.2		
M899134		64	5.4	14.3	76	27.4		
M899135		62	5.8	14.2	57	27.6		
M899136		60	3.6	13.0	74	26.8		
M899137		58	2.2	13.0	727	27.3		
M899138		60	4.0	13.0	944	28.2		
M899139		48	4.3	9.0	2970	18.5		
M899140		2	0.1	0.8	16	<0.5		
M899141		57	5.3	13.1	264	26.4		
M899142		68	4.8	15.8	51	27.9		
M899143		63	6.3	13.9	51	24.3		
M899144		60	3.4	12.9	2950	28.2		
M899145		65	3.6	13.8	200	29.2		
M899146		63	3.2	14.7	45	28.6		
M899147		63	4.3	13.7	128	29.8		
M899148		63	4.2	14.5	106	29.7		
M899149		60	4.7	12.5	509	28.3		
M899150		60	3.4	13.1	244	28.9		
M899151		51	4.3	9.2	>10000	33.0	116	1.590
M899152		49	4.2	10.7	1020	22.6		
M899153		61	2.9	13.4	1280	22.5		
M899154		65	2.1	13.2	78	26.7		
M899155		52	6.0	10.5	623	22.6		
M899156		68	3.5	15.4	192	29.3		
M899157		64	4.8	15.4	160	28.2		
M899158		60	3.2	14.9	624	28.2		



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**CERTIFICATE OF ANALYSIS WH12151546**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12151547**

Project: Klaza-76

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12151547**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899159		6.45	0.007	0.16	7.51	18.3	2100	1.73	0.26	2.87	0.17	50.4	5.0	9	12.80	8.5
M899160		10.25	0.061	0.32	6.39	101.5	1370	1.44	0.24	2.81	0.46	37.9	3.1	8	8.31	4.6
M899161		12.14	0.006	0.13	7.08	19.8	1550	1.56	0.23	3.40	0.08	47.6	4.2	7	10.10	7.5
M899162		9.00	0.017	0.44	7.02	60.8	1650	1.52	0.70	3.40	0.85	74.5	4.0	9	6.50	10.7
M899163		5.73	<0.005	0.17	6.53	30.2	1540	1.59	0.26	3.92	0.35	48.9	4.5	7	7.25	5.1
M899164		10.26	<0.005	0.15	7.60	11.0	1570	1.54	0.26	3.12	0.11	53.8	5.2	9	8.35	2.3
M899165		8.85	<0.005	0.13	8.04	9.8	1950	1.46	0.21	3.05	0.11	57.0	4.9	8	9.81	4.5
M899166		0.22	2.12	23.2	5.99	3310	950	1.29	17.50	2.25	81.2	42.4	10.5	19	14.35	432
M899167		4.32	0.010	0.49	7.00	40.3	1430	1.60	0.62	2.97	0.37	59.6	6.6	7	6.36	51.8
M899168		9.61	0.012	0.40	7.18	33.1	1770	1.55	0.53	2.96	0.84	55.6	5.9	8	8.27	9.7
M899169		4.39	0.036	3.45	7.79	114.5	660	1.69	1.86	3.09	41.4	62.1	9.4	8	7.92	21.5
M899170		11.48	0.015	0.23	7.41	23.2	1890	1.48	0.35	3.11	0.39	54.6	5.1	8	7.26	5.6
M899171		10.92	0.009	0.87	8.03	28.1	1770	1.81	0.92	3.20	3.11	60.7	5.1	8	8.89	22.7
M899172		6.31	<0.005	0.14	7.39	14.0	1470	1.67	0.41	3.16	0.13	46.3	7.0	9	8.39	2.7
M899173		4.88	0.007	0.23	8.44	14.9	2140	1.75	0.44	3.69	0.25	57.1	5.3	9	8.77	4.3
M899174		4.09	0.307	31.4	7.02	373	780	1.57	50.1	2.50	4.35	56.8	7.7	6	7.14	477
M899175		11.18	<0.005	0.16	7.52	9.1	2090	1.54	0.22	2.67	0.15	47.7	4.0	10	9.70	4.4
M899176		7.48	0.006	0.27	6.76	10.2	1490	1.54	0.39	3.13	1.01	52.7	5.0	8	7.56	5.3
M899177		4.41	0.005	0.22	6.88	10.2	1670	1.64	0.36	3.37	0.92	49.0	5.5	9	8.17	3.3
M899178		10.46	<0.005	0.22	7.48	22.2	1890	1.57	0.32	2.91	0.49	47.7	3.6	11	9.09	4.0
M899179		4.17	0.633	5.28	6.81	2050	580	1.37	5.02	2.00	15.45	48.9	3.7	7	10.75	252
M899180		1.62	<0.005	0.02	0.10	<5	20	0.07	0.02	22.3	0.10	1.26	1.1	1	0.22	1.8
M899181		6.24	0.055	0.73	7.12	91.4	1380	1.43	0.60	1.72	4.42	60.0	5.1	7	9.23	12.2
M899182		7.73	0.023	0.33	7.05	24.8	1320	1.77	0.59	2.88	1.42	47.5	4.3	9	10.95	9.3
M899183		<0.02	0.054	0.40	7.09	28.1	1290	1.71	0.70	2.77	1.52	49.1	4.0	7	10.60	8.5
M899184		7.28	0.011	0.30	7.07	17.6	1830	1.67	0.72	2.07	1.22	47.2	4.2	7	7.45	10.4
M899185		4.59	0.009	0.49	7.36	15.0	1300	1.56	0.86	3.06	1.08	45.1	13.5	8	8.73	3.9
M899186		5.04	0.022	0.19	7.09	10.3	1120	1.61	0.37	3.20	0.30	53.4	10.8	7	7.90	1.2
M899187		4.50	0.013	0.17	5.77	13.2	1310	1.48	0.25	3.48	0.09	33.6	7.4	7	7.29	0.5
M899188		4.67	0.008	0.11	6.84	7.7	1260	1.50	0.20	3.09	0.83	49.4	3.0	8	8.51	1.6
M899189		0.22	2.18	24.8	5.65	3350	260	1.32	19.90	2.11	76.8	40.7	11.5	17	14.50	430
M899190		4.21	0.031	0.27	6.86	17.3	1010	1.46	0.38	1.52	2.77	53.6	2.5	7	10.10	2.7
M899191		2.62	<0.005	0.02	0.07	<5	210	0.05	0.02	20.3	0.06	1.18	0.7	<1	0.17	1.6
M899192		12.70	0.012	0.73	7.36	18.4	1010	1.72	1.99	2.65	0.64	55.8	4.4	9	8.27	5.3
M899193		10.54	<0.005	0.22	7.18	9.5	1610	1.34	0.49	2.78	0.18	43.6	5.6	8	10.30	4.6
M899194		9.02	<0.005	0.16	8.01	9.4	2350	1.18	0.19	1.34	0.20	52.5	6.9	8	11.00	2.5



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Account: ROCKHA

Project: Klaza-76

**CERTIFICATE OF ANALYSIS WH12151547**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899159		3.05	17.45	0.18	1.1	0.048	2.65	24.9	17.0	0.71	606	2.08	1.68	7.6	2.8	600
M899160		1.60	15.35	0.18	0.8	0.072	2.32	17.2	49.9	0.94	752	6.37	0.63	4.9	2.1	500
M899161		1.98	16.70	0.19	1.0	0.056	2.32	21.6	20.6	0.80	725	1.12	0.75	6.4	2.2	580
M899162		2.12	16.70	0.21	1.1	0.189	2.56	42.0	18.7	0.89	1000	3.88	0.38	5.6	2.2	540
M899163		2.14	17.30	0.19	1.1	0.097	2.42	21.6	13.9	0.89	1080	0.96	0.71	6.4	2.6	560
M899164		2.66	17.25	0.20	1.2	0.061	2.10	25.5	13.5	0.91	635	1.32	1.96	8.1	2.8	620
M899165		2.80	18.25	0.22	1.3	0.051	2.43	28.1	12.7	0.86	603	1.81	1.97	8.0	2.7	620
M899166		6.66	14.75	0.21	1.0	1.750	2.65	21.3	24.1	0.94	1880	12.80	0.05	5.8	15.6	440
M899167		2.93	17.85	0.18	0.9	0.284	2.27	29.6	19.5	0.75	1240	1.76	0.57	5.8	2.7	550
M899168		2.88	16.70	0.20	1.0	0.155	2.54	26.9	9.9	0.82	1400	1.86	1.23	6.6	2.4	550
M899169		4.75	18.60	0.24	1.1	0.615	3.00	31.5	7.4	0.76	1510	2.62	0.73	6.4	3.4	580
M899170		2.67	16.95	0.21	1.1	0.074	2.47	25.2	9.9	0.78	718	1.38	1.70	7.3	2.7	590
M899171		2.98	18.85	0.24	1.0	0.107	2.30	31.6	9.5	0.91	1040	1.05	2.12	7.7	3.0	630
M899172		2.80	18.05	0.20	1.0	0.102	1.90	20.4	10.5	0.84	834	0.73	2.48	7.1	3.1	640
M899173		2.86	20.3	0.22	1.0	0.080	2.64	25.4	10.4	0.91	955	0.86	2.59	8.3	2.8	700
M899174		5.32	17.10	0.23	0.8	0.378	3.00	27.3	17.8	1.06	1650	2.38	0.21	5.4	3.2	670
M899175		2.66	17.35	0.20	1.0	0.042	2.65	22.2	14.5	0.77	626	0.88	2.26	7.4	2.7	610
M899176		1.87	17.75	0.19	1.0	0.058	2.67	25.7	13.8	0.77	808	0.61	1.14	6.0	2.9	590
M899177		1.84	19.10	0.19	1.0	0.054	2.71	23.3	14.0	0.73	788	0.79	1.39	6.5	2.8	600
M899178		2.62	18.40	0.21	1.1	0.056	2.78	22.2	11.7	0.80	783	0.90	1.85	7.7	2.7	640
M899179		3.85	16.75	0.21	0.8	0.398	3.21	25.2	12.4	0.91	1780	10.45	0.05	5.2	2.6	500
M899180		0.49	0.33	0.24	<0.1	0.005	0.03	0.6	1.4	13.75	217	0.15	0.01	0.4	2.5	180
M899181		2.55	17.40	0.13	1.2	0.321	3.20	33.6	18.7	0.71	894	1.45	0.08	6.3	3.1	570
M899182		2.30	17.60	0.16	1.1	0.150	2.10	22.2	19.4	0.65	705	1.66	0.67	6.9	2.3	560
M899183		2.33	16.80	0.16	1.1	0.154	2.06	23.6	18.1	0.67	689	1.47	0.70	7.1	1.7	610
M899184		2.34	16.95	0.17	1.0	0.221	2.45	20.8	15.3	0.75	953	0.34	0.13	5.2	1.2	530
M899185		2.57	18.40	0.20	1.2	0.157	2.11	18.6	11.7	0.60	890	0.34	1.22	6.8	2.8	590
M899186		2.12	15.90	0.18	1.2	0.078	1.87	27.3	8.4	0.65	721	0.93	1.77	6.1	2.6	550
M899187		1.82	15.75	0.18	1.1	0.064	2.18	15.3	8.8	0.56	776	0.33	1.20	5.7	2.0	500
M899188		2.22	15.50	0.20	1.2	0.050	1.99	25.4	10.5	0.60	744	0.59	1.56	6.8	1.8	530
M899189		6.42	14.20	0.16	1.0	1.610	2.48	21.9	22.7	0.85	1780	13.30	0.04	5.5	15.5	420
M899190		2.52	16.25	0.17	1.1	0.076	1.84	27.6	28.0	0.56	827	0.87	0.63	6.9	1.7	550
M899191		0.47	0.20	0.17	<0.1	<0.005	0.02	0.6	1.0	12.00	201	0.10	<0.01	0.2	1.4	160
M899192		3.02	17.70	0.27	1.1	0.135	1.92	27.4	13.9	0.76	775	0.78	1.41	7.2	1.8	570
M899193		2.47	16.30	0.22	1.0	0.055	2.21	21.1	12.2	0.60	675	0.65	1.81	6.7	2.1	580
M899194		2.95	17.85	0.19	1.1	0.041	2.89	27.6	28.5	0.47	627	1.07	0.80	8.1	2.3	650



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**CERTIFICATE OF ANALYSIS WH12151547**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899159		17.4	106.0	<0.002	0.19	7.69	10.5	1	2.5	302	0.58	<0.05	12.3	0.255	1.26	4.5
M899160		26.1	111.0	0.005	0.32	12.15	8.2	1	2.9	120.5	0.40	0.07	9.6	0.165	1.60	3.8
M899161		9.0	88.1	<0.002	0.32	9.74	10.0	1	3.1	151.0	0.50	<0.05	12.1	0.215	1.49	5.0
M899162		43.9	123.5	<0.002	0.63	6.82	9.5	1	3.4	116.5	0.47	0.11	12.2	0.193	1.74	5.1
M899163		22.8	84.8	<0.002	0.46	7.75	9.9	1	2.8	154.5	0.51	0.05	10.1	0.210	1.65	5.2
M899164		15.3	77.5	<0.002	0.23	4.44	11.2	1	2.5	337	0.64	0.06	12.7	0.267	1.01	4.3
M899165		15.7	99.1	<0.002	0.15	6.11	10.7	1	2.2	336	0.65	<0.05	14.4	0.262	1.13	5.7
M899166		2780	156.0	0.002	4.86	95.9	7.8	2	8.6	87.1	0.46	0.39	9.8	0.181	2.31	5.0
M899167		25.7	107.0	<0.002	0.76	6.99	10.8	1	2.9	133.5	0.48	0.08	12.5	0.192	1.54	4.5
M899168		90.1	120.0	<0.002	0.60	7.89	10.1	1	3.6	242	0.53	0.06	12.7	0.222	1.57	5.0
M899169		1110	143.0	0.007	2.54	11.20	10.6	2	9.7	129.5	0.53	0.08	13.2	0.213	2.26	5.7
M899170		22.6	106.0	<0.002	0.25	5.71	10.5	1	2.8	284	0.59	0.05	12.0	0.237	1.22	4.4
M899171		186.0	99.6	<0.002	0.52	6.32	11.7	1	3.9	328	0.59	0.05	12.9	0.263	1.26	5.3
M899172		8.9	71.0	<0.002	0.77	5.59	10.9	1	3.2	282	0.53	0.08	10.3	0.246	1.07	4.1
M899173		18.2	98.1	<0.002	0.30	5.73	12.0	1	3.0	396	0.63	0.06	12.6	0.289	1.29	4.5
M899174		500	171.0	0.002	3.31	40.8	9.9	1	5.5	82.4	0.42	0.26	10.5	0.199	2.27	5.9
M899175		14.1	89.4	<0.002	0.10	3.56	10.3	1	1.8	382	0.60	<0.05	11.1	0.258	1.05	4.1
M899176		36.6	100.0	<0.002	0.21	5.66	9.9	1	2.0	179.0	0.51	<0.05	11.1	0.202	1.54	4.3
M899177		30.1	95.7	<0.002	0.22	4.57	10.9	1	2.0	225	0.51	<0.05	11.5	0.217	1.55	4.5
M899178		31.4	109.0	<0.002	0.24	4.78	11.5	1	2.0	315	0.59	<0.05	12.3	0.265	1.47	4.6
M899179		319	187.5	<0.002	3.17	57.7	9.1	1	6.2	43.9	0.41	0.12	10.8	0.179	2.99	4.6
M899180		1.7	1.7	<0.002	0.02	0.43	0.2	1	<0.2	48.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M899181		149.5	191.5	<0.002	1.35	9.71	9.8	<1	3.8	67.9	0.60	<0.05	15.4	0.204	2.88	4.9
M899182		33.7	91.3	<0.002	0.37	7.73	10.5	1	3.1	148.5	0.59	<0.05	13.4	0.222	1.69	4.5
M899183		44.6	96.1	0.003	0.38	7.79	11.0	<1	2.9	151.5	0.62	<0.05	14.1	0.236	1.67	4.9
M899184		25.2	128.0	<0.002	0.47	12.30	9.9	<1	2.6	69.9	0.49	0.06	16.2	0.172	1.80	3.1
M899185		49.4	87.8	<0.002	0.92	5.78	10.9	<1	2.4	171.0	0.61	0.17	14.3	0.205	1.66	4.3
M899186		18.9	91.2	<0.002	0.58	3.05	9.5	1	2.3	215	0.55	0.09	15.7	0.190	1.44	5.6
M899187		13.4	86.7	<0.002	0.36	3.72	8.5	1	2.4	159.5	0.50	0.08	10.3	0.174	1.65	4.2
M899188		20.4	95.7	<0.002	0.14	4.05	9.5	1	1.5	244	0.67	0.06	14.8	0.209	1.49	5.0
M899189		2750	163.5	0.002	4.61	86.1	8.0	1	7.7	88.2	0.44	0.38	11.1	0.169	2.41	5.3
M899190		55.0	98.5	0.002	0.21	12.15	9.9	1	1.9	114.0	0.59	0.05	15.4	0.207	1.38	4.0
M899191		1.3	1.2	<0.002	0.02	0.22	0.2	<1	0.2	43.6	<0.05	0.05	<0.2	<0.005	<0.02	0.4
M899192		44.0	96.7	<0.002	0.50	3.66	11.0	1	2.2	242	0.57	0.14	15.5	0.223	1.54	4.8
M899193		19.0	79.8	<0.002	0.26	5.45	9.7	1	2.3	272	0.55	0.05	11.4	0.236	1.29	3.3
M899194		23.1	112.0	<0.002	0.09	11.85	11.1	1	1.8	174.5	0.66	<0.05	14.1	0.281	1.22	3.4



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**CERTIFICATE OF ANALYSIS WH12151547**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899159		70	1.8	15.5	57	30.1
M899160		59	1.4	10.6	73	21.6
M899161		65	1.2	12.2	53	27.8
M899162		65	1.8	11.6	106	26.7
M899163		67	1.4	12.9	69	28.9
M899164		75	1.7	14.6	51	31.6
M899165		73	2.1	15.1	49	34.7
M899166		55	5.0	9.0	5340	26.5
M899167		72	1.9	12.2	87	23.4
M899168		68	1.9	13.5	156	26.7
M899169		69	2.2	11.9	3580	29.8
M899170		67	1.3	14.6	67	29.7
M899171		74	1.4	16.2	320	26.8
M899172		76	1.7	14.3	58	26.7
M899173		86	1.0	17.4	75	28.6
M899174		69	2.9	11.9	447	22.5
M899175		70	1.2	14.5	50	26.4
M899176		65	1.4	11.2	114	26.9
M899177		68	1.3	12.8	107	27.7
M899178		77	1.3	14.2	89	30.2
M899179		63	2.5	10.6	1100	22.2
M899180		3	0.1	0.8	20	<0.5
M899181		65	1.9	9.8	352	26.2
M899182		73	1.2	15.0	177	28.8
M899183		72	1.3	15.5	184	28.2
M899184		64	1.2	13.8	139	22.7
M899185		71	1.2	16.4	137	27.7
M899186		64	0.9	14.3	70	28.2
M899187		64	1.0	9.4	48	27.3
M899188		62	1.0	13.6	104	30.2
M899189		53	4.9	9.6	5190	25.4
M899190		62	2.2	14.5	230	28.9
M899191		2	0.1	0.8	18	<0.5
M899192		63	1.8	16.3	99	29.2
M899193		69	1.5	12.9	60	23.8
M899194		72	6.0	18.0	51	27.8



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**CERTIFICATE OF ANALYSIS WH12151547**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12151548**

Project: Klaza-76

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12151548**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899195		9.95	<0.005	0.14	7.61	10.4	2050	1.58	0.15	2.31	0.22	48.6	7.3	10	10.60	2.4
M899196		7.88	0.083	4.50	8.03	1855	1310	1.43	10.30	1.36	6.51	58.4	7.5	9	15.70	65.8
M899197		0.21	4.20	>100	5.53	8230	160	1.21	59.0	1.87	219	32.5	10.4	17	11.25	1290
M899198		5.33	0.771	86.4	5.16	7710	120	1.13	241	1.25	57.0	43.0	4.5	6	9.80	961
M899199		2.84	0.413	41.5	5.38	4080	320	1.14	101.5	0.87	24.6	40.5	4.5	7	10.05	775
M899200		7.78	0.010	0.70	7.65	93.1	1030	1.51	1.26	1.39	1.82	53.4	5.5	8	13.75	9.5
M899201		4.27	0.052	6.04	7.26	78.2	1080	1.56	9.95	2.08	5.36	52.2	5.1	10	16.95	70.4
M899202		6.15	0.053	34.2	7.49	284	1280	1.66	59.6	2.54	14.00	52.8	5.5	10	15.85	490
M899203		8.68	<0.005	5.09	7.94	29.8	1510	1.71	7.95	2.55	3.90	59.0	6.0	9	12.60	113.0
M899204		4.85	0.012	1.20	6.93	29.9	1530	1.56	1.92	2.94	2.18	55.2	5.2	9	8.69	16.5
M899205		8.59	0.006	0.28	7.24	12.9	1800	1.69	0.32	2.79	0.41	38.3	3.3	8	10.55	3.9
M899206		6.10	0.102	7.30	7.23	215	610	1.41	11.45	2.38	0.68	57.5	31.0	7	7.59	20.2
M899207		1.56	<0.005	0.10	0.09	<5	20	0.07	0.07	20.2	0.07	1.30	0.7	1	0.33	1.4
M899208		5.09	0.006	0.36	7.49	11.6	610	1.51	0.77	3.58	0.23	41.0	12.2	8	12.00	4.8
M899209		8.53	<0.005	0.18	7.98	5.2	790	1.41	0.36	3.09	0.12	54.9	6.3	8	9.62	5.0
M899210		4.36	<0.005	0.20	7.30	6.0	830	1.31	0.30	4.37	0.17	52.6	7.5	8	11.95	13.4
M899211		10.93	<0.005	0.15	8.14	8.3	2020	1.65	0.31	2.20	0.12	54.0	5.5	10	7.71	1.3
M899212		9.93	<0.005	0.13	7.57	7.8	1800	1.63	0.32	2.37	0.16	52.6	5.9	9	6.02	1.4
M899213		10.80	<0.005	0.12	8.15	6.5	2320	1.56	0.17	2.43	0.13	53.1	6.0	12	8.01	2.1
M899214		<0.02	<0.005	0.12	8.24	6.8	2350	1.68	0.17	2.44	0.12	58.7	6.4	10	8.15	1.9
M899215		11.39	0.007	0.28	7.33	19.0	1910	1.61	0.49	2.75	0.27	54.7	8.2	9	9.02	7.3
M899216		5.90	0.018	0.60	7.45	31.1	3280	1.42	0.61	5.98	0.18	55.5	9.7	6	18.60	82.6
M899217		6.05	<0.005	0.10	7.72	4.5	2010	1.63	0.15	2.69	0.12	51.9	6.1	10	6.90	2.3
M899218		4.06	0.022	0.65	7.32	32.6	1530	1.51	0.95	2.61	0.36	51.1	5.8	8	8.18	9.9
M899219		10.82	<0.005	0.14	7.97	5.6	2220	1.55	0.19	2.38	0.15	57.1	6.4	9	12.95	1.8
M899220		7.99	<0.005	0.10	7.18	6.6	2220	1.57	0.18	2.69	0.17	42.8	5.7	9	9.74	2.8
M899221		7.83	<0.005	0.08	7.99	5.9	2230	1.48	0.11	3.01	0.17	55.4	7.1	11	9.43	2.5
M899222		4.87	<0.005	0.07	7.53	7.7	2180	1.64	0.11	2.55	0.13	55.2	5.6	10	10.35	2.7
M899223		0.25	0.832	10.10	6.93	1850	520	1.56	6.15	1.86	42.9	45.9	19.2	20	16.40	108.0
M899224		12.91	0.021	0.33	7.86	34.6	2210	1.57	0.18	2.34	1.81	51.4	7.2	11	9.57	4.6
M899225		10.53	<0.005	0.29	7.66	12.0	2230	1.46	0.50	2.94	0.36	45.1	9.3	8	9.54	6.6
M899226		10.49	<0.005	0.18	7.88	9.4	2220	1.40	0.25	2.47	1.45	47.2	6.0	11	8.61	5.1
M899227		4.92	<0.005	0.18	7.81	4.3	2260	1.47	0.39	2.39	0.19	44.6	5.9	10	8.33	3.4
M899228		4.55	0.301	1.49	7.34	2040	220	1.49	3.00	1.65	1.04	46.4	14.3	9	8.53	11.2
M899229		6.35	<0.005	0.20	7.23	19.2	1820	1.43	0.47	4.16	0.40	52.5	7.4	9	11.55	11.4
M899230		1.99	<0.005	<0.01	0.09	<5	20	0.06	<0.01	20.8	0.06	1.47	2.1	1	0.29	1.7





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**CERTIFICATE OF ANALYSIS WH12151548**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899195		2.80	16.45	0.19	1.0	0.049	2.48	24.9	20.7	0.70	587	0.79	2.14	8.1	2.9	620
M899196		3.52	17.15	0.20	1.0	0.246	2.61	31.3	64.5	0.57	1080	1.44	0.10	8.1	3.1	640
M899197		7.75	13.00	0.23	1.1	4.43	2.22	16.2	30.3	0.60	3020	14.85	0.08	5.9	13.9	450
M899198		6.99	12.40	0.20	0.6	1.680	2.13	21.2	36.2	0.62	1930	25.3	0.03	4.8	2.4	360
M899199		6.04	12.70	0.17	0.6	0.879	2.19	20.3	34.1	0.50	1700	28.3	0.03	4.9	2.3	360
M899200		3.89	17.10	0.16	0.9	0.143	2.33	26.1	48.8	0.65	1440	1.33	0.06	7.4	2.4	590
M899201		4.05	16.75	0.19	0.9	0.211	2.30	27.2	37.6	0.85	1320	0.95	0.18	7.3	2.3	530
M899202		4.19	16.95	0.21	1.0	0.571	2.27	27.6	46.9	0.82	979	0.78	0.72	7.8	2.2	560
M899203		3.87	17.25	0.22	1.0	0.197	2.39	31.8	39.9	0.84	938	0.64	1.45	7.9	2.2	590
M899204		3.41	16.00	0.20	0.9	0.181	2.55	28.4	34.4	0.65	1260	0.53	0.38	7.0	2.4	520
M899205		2.04	17.80	0.11	1.1	0.054	2.28	17.4	40.5	0.85	773	0.59	0.60	7.7	2.3	580
M899206		4.21	17.40	0.14	0.8	0.235	2.71	24.1	27.9	0.70	1200	32.5	0.06	6.1	3.8	620
M899207		0.44	0.25	0.07	<0.1	0.005	0.03	0.6	1.3	12.25	211	0.18	0.01	0.2	1.7	200
M899208		1.81	17.55	0.14	0.9	0.094	1.93	15.8	17.6	0.51	701	0.72	0.99	7.8	2.7	620
M899209		2.49	16.95	0.25	1.1	0.054	1.16	25.9	15.6	0.97	777	0.73	2.12	8.3	2.1	620
M899210		1.62	16.80	0.29	0.9	0.096	1.46	24.3	14.0	0.83	838	0.48	1.45	7.2	1.7	510
M899211		2.64	17.85	0.24	1.1	0.034	2.22	28.2	19.0	0.95	587	1.21	2.86	8.5	2.5	610
M899212		2.45	17.45	0.22	1.1	0.032	1.95	25.7	17.0	0.82	523	1.00	2.63	8.4	2.3	580
M899213		2.73	17.20	0.22	1.1	0.031	2.58	27.2	16.9	0.86	506	1.53	2.48	8.2	2.5	620
M899214		2.82	17.40	0.22	1.0	0.031	2.60	30.1	17.3	0.87	513	1.58	2.54	8.4	2.7	630
M899215		3.04	17.10	0.21	1.0	0.051	2.49	28.0	11.1	0.77	761	2.23	1.74	8.0	2.3	550
M899216		3.03	15.90	0.24	0.8	0.089	2.43	30.6	18.1	0.81	1410	1.02	0.65	7.3	1.7	540
M899217		2.67	17.45	0.24	1.0	0.038	2.26	25.8	11.4	0.76	578	2.10	2.50	8.4	2.4	590
M899218		2.75	16.30	0.19	0.9	0.111	2.54	27.6	10.5	0.72	922	2.21	1.02	7.3	2.3	540
M899219		2.68	17.50	0.19	1.0	0.042	2.55	29.6	17.4	0.61	547	3.46	1.77	8.7	2.3	590
M899220		2.36	16.60	0.19	1.0	0.042	2.52	20.2	13.0	0.36	561	1.56	1.85	7.8	2.2	570
M899221		2.72	17.15	0.21	0.9	0.034	2.55	29.6	13.2	0.74	678	1.69	2.35	8.0	2.3	590
M899222		2.84	16.95	0.23	1.0	0.036	2.47	28.6	17.1	0.82	640	1.24	2.34	8.3	2.5	560
M899223		5.21	15.55	0.21	1.4	0.891	2.79	23.4	24.6	0.68	1970	12.60	0.26	7.8	15.5	500
M899224		2.79	17.65	0.22	1.0	0.042	2.51	27.2	18.2	0.80	633	1.35	2.40	8.6	2.8	610
M899225		2.78	17.05	0.20	0.9	0.094	2.61	23.2	20.2	0.79	984	1.45	1.48	7.7	2.4	590
M899226		2.85	16.75	0.18	1.0	0.060	2.67	24.5	15.0	0.78	727	1.37	2.10	7.8	2.4	590
M899227		2.83	16.80	0.21	0.8	0.031	2.44	23.4	14.3	0.73	575	2.04	2.24	7.5	2.4	590
M899228		5.73	16.40	0.21	0.7	0.168	2.90	23.9	15.2	0.54	890	1.42	0.67	6.7	2.6	520
M899229		2.52	16.35	0.20	1.0	0.076	2.79	26.9	17.8	0.54	761	2.62	1.12	7.9	2.1	540
M899230		0.46	0.71	0.34	<0.1	<0.005	0.03	0.7	1.2	12.55	224	0.07	0.01	0.5	0.5	180



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**CERTIFICATE OF ANALYSIS WH12151548**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M899195		20.0	87.0	0.002	0.08	4.86	11.5	1	1.8	377	0.57	<0.05	11.7	0.250	3.7
M899196		139.5	115.0	<0.002	0.51	42.6	11.8	1	2.4	87.7	0.58	0.05	12.7	0.255	5.0
M899197		9160	125.0	0.003	6.98	213	7.5	4	8.7	118.0	0.44	0.50	8.7	0.181	5.2
M899198		1665	107.0	0.002	4.53	341	7.1	1	6.9	27.5	0.34	0.11	7.9	0.147	6.0
M899199		746	113.0	0.003	3.62	312	7.3	1	7.8	23.3	0.35	0.09	8.3	0.157	6.1
M899200		56.0	116.5	0.002	0.52	18.40	11.5	1	3.6	49.3	0.54	<0.05	12.2	0.226	4.6
M899201		159.0	109.0	<0.002	0.44	18.70	11.0	1	3.6	82.2	0.55	<0.05	12.9	0.218	4.2
M899202		527	95.2	<0.002	0.47	13.80	11.2	2	3.9	190.0	0.60	0.05	13.3	0.233	4.2
M899203		118.5	100.0	<0.002	0.16	4.80	11.8	1	3.0	296	0.58	<0.05	13.8	0.242	4.1
M899204		75.9	119.5	<0.002	0.80	5.79	10.4	1	3.3	126.5	0.52	0.18	12.3	0.211	4.6
M899205		17.9	92.0	<0.002	0.16	4.90	10.6	<1	2.2	157.5	0.62	<0.05	10.3	0.244	3.7
M899206		78.2	187.5	0.027	2.65	7.68	9.9	1	5.4	97.9	0.45	1.31	11.4	0.190	3.8
M899207		1.4	1.9	0.004	0.02	0.09	0.2	<1	0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.4
M899208		18.3	104.0	<0.002	0.47	3.29	10.3	1	3.1	216	0.58	0.09	11.3	0.248	3.4
M899209		13.0	54.2	<0.002	0.14	4.48	12.8	1	2.0	340	0.66	0.05	12.6	0.257	3.4
M899210		12.7	72.7	<0.002	0.18	3.38	10.6	1	2.2	314	0.57	0.06	11.9	0.206	3.4
M899211		16.9	72.5	<0.002	0.05	2.98	12.2	1	1.4	554	0.69	<0.05	13.5	0.256	4.0
M899212		20.6	65.7	<0.002	0.05	2.82	12.3	1	2.0	505	0.70	<0.05	14.1	0.246	4.1
M899213		16.3	83.9	<0.002	0.04	2.34	11.5	1	1.6	545	0.66	<0.05	13.7	0.254	4.2
M899214		16.1	85.4	<0.002	0.04	2.37	11.7	1	1.7	553	0.67	<0.05	14.1	0.260	4.4
M899215		22.5	93.3	<0.002	0.27	2.72	11.5	1	1.6	369	0.62	0.09	13.0	0.231	4.1
M899216		25.6	112.0	<0.002	0.55	4.86	10.6	2	1.8	398	0.54	0.09	12.0	0.218	4.7
M899217		15.5	73.1	<0.002	0.05	2.51	11.8	2	1.5	474	0.66	<0.05	13.2	0.248	4.2
M899218		36.6	118.0	<0.002	0.49	3.84	10.5	1	2.7	281	0.59	0.10	12.6	0.225	3.8
M899219		17.4	97.2	<0.002	0.06	6.60	11.9	2	1.3	422	0.66	<0.05	13.2	0.248	3.8
M899220		19.0	84.6	<0.002	0.08	6.21	10.6	1	1.5	429	0.62	<0.05	11.6	0.239	3.5
M899221		17.0	88.9	<0.002	0.05	2.92	11.4	1	1.4	527	0.63	<0.05	13.0	0.249	4.0
M899222		16.0	84.7	<0.002	0.02	2.66	11.4	2	1.3	470	0.64	<0.05	12.5	0.243	4.1
M899223		1320	153.5	0.002	3.10	36.5	9.5	2	6.3	153.0	0.61	0.43	11.5	0.207	5.0
M899224		36.3	104.5	<0.002	0.12	5.01	12.4	1	1.6	449	0.61	<0.05	12.2	0.256	3.8
M899225		27.0	105.0	<0.002	0.22	6.94	11.5	1	2.2	395	0.56	0.06	11.1	0.243	3.8
M899226		23.4	100.0	<0.002	0.15	3.06	11.2	1	1.7	465	0.58	0.05	10.6	0.251	3.5
M899227		19.9	90.1	<0.002	0.05	3.53	10.9	1	1.2	470	0.51	0.06	11.1	0.239	3.0
M899228		57.4	155.0	<0.002	3.86	10.15	10.6	1	5.9	171.5	0.45	0.43	11.6	0.217	3.8
M899229		25.4	119.5	0.002	0.30	4.71	10.7	1	2.1	352	0.59	0.09	15.0	0.227	4.2
M899230		1.2	2.1	<0.002	<0.01	0.05	0.4	<1	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	0.6



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**CERTIFICATE OF ANALYSIS WH12151548**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M899195		71	1.3	16.4	54	29.2		
M899196		75	5.0	15.5	555	29.2		
M899197		52	4.5	8.7	>10000	34.9	117	1.635
M899198		48	7.5	8.0	4250	17.4		
M899199		50	8.1	7.5	1940	18.4		
M899200		76	3.1	13.4	192	27.0		
M899201		65	4.2	14.1	491	26.5		
M899202		66	4.1	14.2	1100	26.4		
M899203		68	3.1	15.4	367	29.4		
M899204		61	2.3	12.9	180	25.5		
M899205		69	1.8	11.7	77	24.7		
M899206		71	2.5	12.3	108	19.2		
M899207		<1	0.1	0.8	18	<0.5		
M899208		74	1.2	13.0	51	21.9		
M899209		75	2.5	16.4	72	30.0		
M899210		63	1.0	17.9	53	27.8		
M899211		71	0.8	16.7	56	30.7		
M899212		69	0.9	16.5	51	29.4		
M899213		71	0.8	16.2	42	29.5		
M899214		72	0.8	16.3	44	28.0		
M899215		64	1.4	16.5	60	30.6		
M899216		61	4.1	18.3	59	24.8		
M899217		71	1.5	16.4	44	29.3		
M899218		62	2.2	14.2	72	25.2		
M899219		69	3.0	17.4	57	29.6		
M899220		65	2.0	13.8	43	28.2		
M899221		67	1.2	17.0	44	27.9		
M899222		67	1.0	17.1	44	27.8		
M899223		57	5.0	11.0	3050	44.1		
M899224		69	1.3	17.7	142	28.9		
M899225		68	1.9	15.1	84	25.8		
M899226		70	1.6	15.4	167	28.7		
M899227		67	1.9	14.8	56	24.8		
M899228		63	4.6	10.6	129	22.4		
M899229		64	1.9	16.4	73	30.7		
M899230		1	0.1	0.9	17	<0.5		



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**CERTIFICATE OF ANALYSIS WH12151548**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12152424**

Project: Klaza TR-12-1

P.O. No.: Batch 1

This report is for 33 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

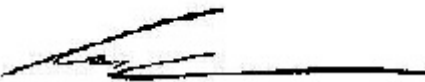
ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12152424**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895001		2.66	0.142	2.68	8.71	289	2090	1.65	2.38	0.29	4.43	96.5	27.9	14	17.25	95.0
M895002		3.35	0.273	2.94	8.71	338	2190	1.58	2.09	0.40	6.62	91.3	12.7	14	17.20	69.7
M895003		2.88	0.436	8.93	7.53	1430	2620	1.74	6.04	0.21	10.25	74.4	5.0	14	20.7	201
M895004		2.89	0.531	2.01	8.72	2970	1940	1.88	0.80	0.28	25.3	72.0	12.7	14	19.10	157.0
M895005		3.84	0.130	2.18	9.06	697	3310	1.88	0.53	0.41	1.12	67.5	8.4	13	17.15	52.0
M895006		3.00	0.042	1.51	8.33	418	2150	1.90	1.42	0.50	7.73	65.9	8.8	11	34.0	91.7
M895007		2.79	1.465	43.3	7.49	2070	5350	1.80	0.39	1.26	226	48.5	6.8	14	22.5	395
M895008		2.92	0.010	0.31	9.52	31.4	2290	1.89	0.23	0.42	1.12	61.7	8.1	14	23.0	15.0
M895009		2.32	0.015	1.34	8.89	56.5	2020	1.91	1.29	0.56	1.84	65.6	10.4	14	27.3	75.6
M895010		2.13	<0.005	0.17	9.23	13.1	2410	1.56	0.18	0.57	0.38	61.4	7.5	11	15.80	13.5
M895011		2.12	0.049	1.12	7.96	93.2	1720	1.72	2.05	1.56	1.68	45.6	9.9	13	26.8	28.5
M895012		2.61	<0.005	0.18	8.53	16.1	2240	1.46	0.24	1.59	0.25	44.3	7.0	12	11.85	13.0
M895013		2.20	<0.005	0.13	7.90	10.4	1990	1.84	0.16	1.25	0.23	56.9	8.3	10	12.85	16.2
M895014		2.34	<0.005	0.53	6.72	44.1	1790	1.72	0.60	2.96	1.09	43.4	9.0	10	20.0	20.8
M895015		2.44	<0.005	0.15	8.19	9.1	2190	1.75	0.15	1.25	0.18	63.2	10.8	13	12.15	16.1
M895016		2.38	<0.005	0.17	8.04	11.7	2160	1.75	0.15	1.48	0.36	68.3	8.0	15	15.65	17.3
M895017		3.32	<0.005	0.21	8.48	14.7	2140	1.54	0.23	1.26	0.41	62.1	6.8	10	17.80	15.3
M895018		2.74	0.006	0.35	7.82	16.3	2280	1.82	0.66	1.41	0.55	60.6	7.7	11	10.30	35.7
M895019		0.29	2.16	24.1	5.87	3410	1470	1.35	16.20	2.18	76.5	41.9	10.0	16	13.65	420
M895020		2.38	0.014	0.32	7.86	33.8	2130	1.71	0.23	1.08	1.57	85.0	9.8	9	14.90	17.2
M895021		2.26	0.016	0.18	7.64	25.9	2200	1.63	0.35	1.47	0.79	56.1	7.5	13	9.29	22.4
M895022		2.83	<0.005	0.12	7.81	16.8	2050	1.68	0.19	1.67	0.97	58.3	8.6	9	11.05	11.6
M895023		2.68	0.013	0.34	8.17	37.8	2460	1.85	0.27	0.87	4.11	57.0	10.2	8	22.8	12.1
M895024		2.61	0.011	0.30	8.34	33.1	2090	1.79	0.39	0.97	1.77	62.8	8.0	9	22.7	11.8
M895025		1.52	0.018	0.81	8.48	58.6	2240	1.72	0.84	0.60	7.22	61.5	11.9	10	19.75	25.6
M895026		1.87	0.019	2.62	8.53	124.5	2460	1.84	3.08	0.20	11.95	71.2	11.4	11	14.15	42.6
M895027		2.78	0.163	4.51	6.16	500	810	1.51	4.43	0.21	0.50	73.5	0.8	6	83.4	13.1
M895028		3.67	<0.005	0.02	0.09	<5	20	0.06	0.03	21.3	0.08	1.33	1.4	<1	0.27	1.9
M895029		2.43	0.012	2.93	8.34	80.5	1430	1.81	4.26	0.13	1.02	59.9	2.1	13	21.0	40.7
M895030		2.89	0.011	1.66	8.92	76.2	1210	1.93	1.18	0.24	12.00	58.8	6.9	10	33.5	55.1
M895031		1.88	0.090	3.20	8.71	121.0	1900	1.71	4.10	0.25	6.66	65.7	9.7	8	26.0	56.1
M895032		2.86	0.020	0.36	8.52	97.5	2400	1.95	0.51	0.59	12.05	74.7	14.2	14	14.90	16.6
M895033		2.34	0.036	1.44	8.48	167.5	2110	1.80	1.23	0.44	22.7	71.8	17.9	10	22.9	59.9



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Account: ROCKHA

Project: Klaza TR-12-1

**CERTIFICATE OF ANALYSIS WH12152424**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895001		4.74	21.1	0.20	1.2	0.331	3.39	54.6	18.7	0.36	617	5.52	0.49	9.5	3.8	570
M895002		3.46	21.6	0.17	1.4	0.206	3.26	40.2	23.9	0.33	1300	3.21	0.53	9.8	4.6	650
M895003		5.03	18.45	0.18	1.3	0.581	2.92	56.0	19.0	0.24	625	5.37	0.12	7.6	3.3	440
M895004		5.04	20.1	0.22	1.6	0.213	3.85	59.1	15.6	0.26	3680	3.11	0.07	8.6	4.4	580
M895005		3.30	21.9	0.17	1.5	0.120	3.45	35.8	25.3	0.51	893	1.98	0.14	9.4	2.9	680
M895006		3.88	19.30	0.17	1.3	0.165	3.55	39.9	17.8	0.30	1370	2.64	0.49	8.5	2.9	630
M895007		7.03	18.70	0.16	1.0	1.225	3.18	29.0	12.0	0.46	4030	3.62	0.01	6.8	2.4	530
M895008		3.59	22.1	0.15	1.5	0.081	3.13	29.9	40.2	0.41	784	1.75	0.09	10.1	3.2	750
M895009		4.02	21.1	0.18	1.2	0.194	3.16	37.2	24.3	0.21	1520	2.97	0.09	9.1	3.9	690
M895010		3.35	23.0	0.15	1.3	0.082	3.09	30.4	30.8	0.45	884	1.43	0.10	9.0	3.1	670
M895011		3.94	19.65	0.15	1.2	0.137	3.05	22.3	23.1	0.20	2940	3.31	0.05	8.5	3.8	620
M895012		2.42	19.35	0.13	1.5	0.075	3.08	21.0	36.6	0.34	537	1.58	0.09	9.8	2.5	630
M895013		3.22	19.95	0.17	1.6	0.053	2.73	28.4	25.9	0.57	513	1.01	0.56	8.6	2.9	610
M895014		2.74	18.30	0.13	1.4	0.067	2.88	19.9	24.0	0.29	1390	1.60	0.69	8.7	3.1	580
M895015		3.19	20.0	0.16	1.4	0.065	2.55	34.5	18.6	0.70	471	1.47	0.93	9.8	3.4	710
M895016		3.01	19.50	0.19	1.4	0.057	2.79	42.0	21.5	0.47	813	2.17	1.38	9.4	3.3	660
M895017		2.77	19.90	0.16	1.2	0.062	3.07	32.0	23.2	0.26	711	1.52	0.45	9.3	2.4	670
M895018		3.22	18.30	0.10	1.3	0.089	2.69	32.2	14.8	0.73	708	1.75	1.82	9.0	3.0	690
M895019		6.68	14.20	0.10	0.9	1.620	2.55	22.5	23.6	0.90	1820	12.45	0.04	5.9	13.8	440
M895020		3.45	18.30	0.12	1.2	0.065	2.56	40.7	16.3	0.78	2030	2.84	1.47	8.4	3.3	620
M895021		3.07	17.20	0.13	1.2	0.082	2.78	30.5	12.6	0.69	985	2.27	1.68	8.3	2.7	610
M895022		2.99	17.25	0.13	1.3	0.069	2.67	31.1	13.2	0.69	734	2.31	1.99	8.8	2.7	660
M895023		3.89	18.40	0.14	1.3	0.075	2.63	24.1	18.4	0.62	1200	2.65	1.00	8.9	3.6	660
M895024		3.48	18.75	0.14	1.3	0.088	2.90	34.0	20.7	0.38	1070	2.92	0.66	9.5	3.1	640
M895025		3.78	18.90	0.15	1.2	0.150	3.14	33.2	19.0	0.33	1600	4.05	0.63	8.9	3.0	660
M895026		6.26	18.40	0.15	1.1	0.602	3.72	37.7	10.8	0.27	2720	5.63	0.08	9.0	2.8	720
M895027		5.90	14.85	0.10	1.0	0.354	2.18	51.1	22.6	0.28	108	6.98	0.05	6.9	0.9	750
M895028		0.52	0.29	<0.05	<0.1	0.005	0.04	0.6	1.2	13.25	219	0.14	<0.01	0.3	<0.2	200
M895029		3.76	19.10	0.16	1.1	0.535	3.78	33.7	10.9	0.28	301	3.08	0.06	8.7	1.7	410
M895030		3.75	19.40	0.15	1.2	0.271	3.04	31.9	20.7	0.20	604	2.79	0.06	9.0	2.6	620
M895031		4.94	19.15	0.18	1.1	0.458	3.35	36.5	17.6	0.34	1440	3.73	0.11	8.5	2.9	610
M895032		4.54	18.00	0.16	1.1	0.159	3.07	35.0	17.2	0.57	2760	3.86	0.81	8.5	4.3	680
M895033		5.15	18.65	0.17	1.1	0.341	3.23	34.9	25.5	0.32	3780	4.33	0.49	8.9	3.6	660



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Project: Klaza TR-12-1

**CERTIFICATE OF ANALYSIS WH12152424**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M895001		156.0	206	<0.002	0.12	16.10	14.8	2	7.0	81.4	0.77	0.53	15.1	0.270	2.20	3.9
M895002		628	174.0	<0.002	0.05	25.5	13.4	2	4.3	109.5	0.88	0.08	16.9	0.269	1.59	3.2
M895003		1180	187.5	<0.002	0.20	68.7	11.9	2	8.3	92.7	0.71	0.23	15.5	0.217	2.39	5.2
M895004		137.0	236	<0.002	0.04	24.6	13.0	2	4.0	53.5	0.87	0.11	17.3	0.256	2.71	5.9
M895005		121.0	178.0	<0.002	0.04	18.70	13.9	2	2.6	72.5	0.85	0.06	17.6	0.267	1.98	2.6
M895006		111.5	195.0	<0.002	0.05	31.9	12.6	2	5.2	78.6	0.76	0.08	16.1	0.257	1.99	3.1
M895007		>10000	181.0	<0.002	0.57	40.4	11.8	3	5.4	77.2	0.61	0.05	14.2	0.221	3.09	7.3
M895008		50.5	149.5	<0.002	0.01	9.17	13.9	1	2.5	62.0	0.90	<0.05	18.3	0.298	1.53	3.1
M895009		130.5	160.5	<0.002	0.18	26.9	13.4	2	2.6	43.0	0.79	0.12	16.3	0.282	2.06	4.3
M895010		23.1	147.5	<0.002	0.01	10.15	14.8	2	2.5	69.8	0.79	<0.05	18.5	0.261	1.51	2.7
M895011		47.8	138.0	<0.002	0.32	17.30	12.2	2	2.4	45.2	0.74	0.11	11.9	0.266	2.28	3.4
M895012		21.6	130.5	<0.002	0.02	16.00	11.6	1	2.3	86.0	0.95	<0.05	14.9	0.261	1.47	2.0
M895013		19.6	119.0	<0.002	0.01	11.80	12.9	2	1.9	112.5	0.86	<0.05	17.3	0.228	1.23	2.0
M895014		101.5	110.0	<0.002	0.14	9.22	10.4	2	1.9	137.5	0.80	0.21	11.7	0.240	1.89	2.8
M895015		20.5	119.0	<0.002	0.01	13.05	14.5	1	2.2	148.5	0.87	<0.05	19.0	0.256	1.11	1.9
M895016		26.9	136.5	<0.002	0.02	9.60	13.3	2	1.9	241	0.82	<0.05	17.8	0.261	1.40	2.6
M895017		24.8	153.5	<0.002	0.03	14.85	12.4	2	2.0	98.5	0.81	<0.05	16.1	0.278	1.32	2.3
M895018		28.4	114.5	<0.002	0.04	5.21	14.2	1	1.9	298	0.72	0.06	13.9	0.269	1.10	2.0
M895019		2730	158.0	0.002	4.72	90.4	7.7	1	7.7	91.3	0.46	0.37	9.0	0.177	2.20	4.6
M895020		29.1	114.5	<0.002	0.01	7.14	13.7	2	1.7	246	0.72	<0.05	17.4	0.245	1.06	2.6
M895021		23.6	124.0	<0.002	0.03	4.82	12.1	1	2.2	279	0.66	<0.05	14.4	0.252	1.26	2.1
M895022		20.2	114.0	<0.002	0.03	4.25	12.7	1	1.9	306	0.72	<0.05	17.1	0.260	1.17	2.4
M895023		38.3	119.0	<0.002	0.01	5.98	13.8	1	2.0	261	0.76	0.05	14.4	0.264	1.29	2.8
M895024		35.6	142.0	<0.002	0.06	13.65	12.5	1	2.1	124.5	0.79	0.05	15.3	0.280	1.63	2.9
M895025		156.0	157.0	<0.002	0.14	10.80	12.2	1	2.4	112.5	0.70	0.17	14.4	0.276	2.01	3.8
M895026		252	248	<0.002	0.23	9.77	12.7	1	3.7	46.1	0.72	0.50	15.3	0.286	3.54	5.4
M895027		571	154.0	0.002	0.17	43.9	6.9	1	4.6	126.0	0.56	0.84	9.9	0.219	2.19	4.2
M895028		2.0	1.9	<0.002	0.02	0.07	0.5	1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M895029		282	251	<0.002	0.20	11.50	11.0	1	3.3	27.6	0.66	0.37	14.9	0.267	3.44	3.5
M895030		136.0	151.0	<0.002	0.14	15.60	9.6	1	2.2	48.4	0.72	0.17	17.5	0.287	2.26	5.4
M895031		241	187.5	<0.002	0.29	16.00	12.0	1	3.9	61.3	0.64	0.82	14.4	0.282	2.54	4.1
M895032		33.8	140.5	<0.002	0.06	8.27	12.4	1	2.2	127.5	0.68	0.08	15.3	0.275	1.66	3.8
M895033		147.0	161.5	<0.002	0.12	10.20	11.7	1	3.0	113.5	0.70	0.18	14.7	0.285	2.10	4.6





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**CERTIFICATE OF ANALYSIS WH12152424**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M895001		81	4.8	22.0	346	31.0		
M895002		76	5.4	18.9	469	37.8		
M895003		69	3.8	23.4	984	31.8		
M895004		78	5.2	45.6	1380	36.1		
M895005		80	12.7	21.4	142	37.3		
M895006		76	2.8	25.6	354	32.8		
M895007		70	8.9	19.7	>10000	23.2	1.505	1.180
M895008		89	6.9	15.5	173	36.9		
M895009		84	2.6	24.2	215	30.7		
M895010		80	5.2	19.2	82	32.5		
M895011		82	3.0	19.0	207	28.1		
M895012		67	12.1	16.5	46	36.0		
M895013		73	9.7	18.9	54	37.3		
M895014		70	4.2	19.2	130	33.3		
M895015		79	16.1	15.3	52	37.4		
M895016		74	3.1	24.1	62	34.1		
M895017		78	3.7	21.1	72	31.9		
M895018		79	2.6	18.4	88	33.6		
M895019		55	5.1	9.2	5070	25.2		
M895020		71	3.5	29.8	138	33.4		
M895021		72	2.4	17.9	95	31.3		
M895022		72	2.1	17.5	97	34.2		
M895023		77	3.5	17.5	281	35.8		
M895024		77	3.2	20.1	143	34.8		
M895025		76	3.3	18.7	504	32.0		
M895026		80	3.1	15.5	891	28.0		
M895027		64	4.5	6.0	234	31.1		
M895028		3	0.1	0.9	15	<0.5		
M895029		72	2.5	8.0	440	31.1		
M895030		77	1.4	10.4	518	31.9		
M895031		79	2.7	13.9	446	27.3		
M895032		77	2.6	22.7	498	28.5		
M895033		78	2.3	18.0	1220	26.0		



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**CERTIFICATE OF ANALYSIS WH12152424**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12155846**

Project: Klaza TR-12-2

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12155846**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895034		2.58	0.013	0.27	6.42	11.5	2230	1.12	0.62	0.46	0.55	44.9	10.0	16	5.24	35.8
M895035		2.65	0.037	0.49	7.88	35.7	3270	1.39	1.27	0.37	0.59	55.4	16.6	14	12.55	50.6
M895036		2.16	0.023	0.59	7.90	32.6	3270	1.69	1.46	0.27	0.80	65.0	13.1	12	14.15	64.3
M895037		3.59	0.075	2.10	6.86	111.5	4620	1.49	4.36	0.26	0.89	45.8	12.4	11	11.75	61.6
M895038		3.09	0.022	1.07	7.60	48.7	3180	1.63	0.78	0.37	1.24	56.1	14.7	12	15.90	32.1
M895039		2.35	0.011	0.30	7.25	15.5	2810	1.42	0.58	0.41	0.45	51.4	13.1	12	8.53	14.0
M895040		2.19	0.010	0.40	8.41	26.7	3570	1.40	1.20	0.33	0.95	61.1	7.2	11	11.25	32.0
M895041		2.96	0.017	0.35	7.74	29.1	2230	1.62	1.21	0.49	0.75	59.2	8.8	12	12.15	32.3
M895042		2.59	0.013	0.36	7.57	30.6	2270	1.40	0.80	0.44	0.66	52.6	8.7	12	11.85	26.6
M895043		2.54	0.011	0.38	8.29	18.1	2240	1.38	0.70	0.34	0.35	52.4	7.5	11	12.95	31.3
M895044		3.39	<0.005	0.05	0.12	<5	20	0.06	0.03	20.5	0.07	1.32	1.8	2	0.33	4.5
M895045		2.26	0.008	0.32	7.69	19.1	2460	1.21	0.48	0.31	0.55	37.1	10.9	12	10.40	17.1
M895046		2.83	0.014	0.32	7.97	29.5	2300	1.53	0.70	0.58	0.41	55.3	19.3	12	9.41	16.9
M895047		3.14	0.008	0.32	8.27	10.8	2140	1.41	0.30	0.38	0.28	49.5	5.4	12	11.75	15.8
M895048		2.24	0.022	0.27	8.67	16.7	2090	1.49	0.43	0.28	0.61	48.5	8.7	15	10.45	19.0
M895049		2.34	0.020	0.33	8.00	29.2	2080	1.67	0.48	1.07	0.68	52.7	8.1	12	11.30	20.3
M895050		3.12	0.014	0.38	8.05	42.0	2550	1.73	0.49	0.45	0.80	51.1	8.5	11	20.9	20.9
M895051		2.74	0.014	0.41	8.25	32.1	2530	1.80	0.54	0.31	0.75	54.9	7.9	12	20.6	23.4
M895052		3.89	1.200	44.4	7.38	2030	1650	1.59	10.35	0.75	14.15	53.1	6.4	13	14.80	991
M895053		2.62	0.213	7.51	5.02	733	1180	1.04	7.31	0.10	5.80	35.6	5.2	11	8.10	76.4
M895054		2.79	0.064	1.94	4.71	267	2000	1.20	2.45	0.16	5.17	33.6	6.9	12	9.94	71.5
M895055		2.79	0.065	2.77	7.64	207	1890	1.61	1.35	0.48	2.94	58.9	10.1	16	10.45	77.6
M895056		2.48	0.042	1.95	7.37	153.0	7290	1.60	1.24	0.36	6.06	55.2	10.9	11	17.30	40.6
M895057		2.52	0.043	1.77	7.87	155.5	2780	1.57	1.30	0.46	4.36	63.9	9.3	15	11.80	54.7
M895058		2.62	0.028	3.70	7.66	148.5	2030	1.68	0.74	0.45	6.42	61.7	7.3	13	10.95	47.0
M895059		2.82	0.033	1.81	7.90	113.5	1990	1.71	0.67	0.33	5.74	57.9	6.4	12	22.0	33.7
M895060		1.80	0.019	0.80	7.67	58.9	2360	1.46	0.90	0.76	3.21	58.8	8.1	13	7.52	26.7
M895061		0.26	2.37	23.8	5.82	3440	1000	1.30	17.75	2.13	76.9	44.4	10.7	19	15.05	432
M895062		2.22	0.012	0.53	7.41	35.1	2300	1.51	0.91	0.77	1.78	55.7	7.7	11	9.56	23.9
M895063		2.02	0.035	0.76	7.93	52.7	1530	1.65	0.69	0.53	2.34	62.9	6.8	14	16.95	31.7
M895064		3.26	0.019	0.49	7.64	20.1	2330	1.66	1.08	0.84	1.14	57.3	5.7	13	8.32	27.0
M895065		2.85	0.029	1.79	8.05	27.7	2480	1.75	1.88	0.34	1.16	55.4	13.0	10	20.5	75.1
M895066		2.47	0.044	1.79	7.57	32.2	3110	1.66	1.99	0.27	1.47	57.8	11.1	10	14.40	48.0
M895067		2.57	0.048	2.03	7.87	38.6	3130	1.64	2.08	0.22	1.37	58.6	8.8	10	13.60	61.7
M895068		3.02	0.094	1.09	8.06	96.2	1660	1.48	3.00	0.32	1.28	71.2	14.7	11	15.65	108.0
M895069		3.18	0.067	0.83	8.91	40.3	2070	1.44	3.38	0.34	0.73	73.6	9.0	11	13.60	55.6



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Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155846**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895034		2.17	13.55	0.13	0.8	0.145	1.95	25.4	16.0	0.43	541	2.58	1.54	5.9	3.9	480
M895035		3.56	16.75	0.17	1.0	0.306	2.51	35.5	24.2	0.32	651	4.50	0.45	7.2	5.6	640
M895036		3.29	16.35	0.18	1.0	0.516	2.96	37.4	16.1	0.27	1040	4.12	0.57	7.0	5.5	620
M895037		4.14	14.30	0.17	0.8	0.576	2.79	32.9	15.6	0.24	1260	5.67	0.39	6.3	4.5	520
M895038		2.70	15.95	0.18	1.0	0.160	3.10	31.4	24.1	0.35	620	2.97	0.58	8.1	4.3	660
M895039		2.91	15.50	0.18	0.9	0.195	2.46	24.9	23.5	0.76	646	0.98	1.85	7.2	3.9	600
M895040		2.79	18.10	0.15	0.9	0.175	2.82	31.8	22.6	0.22	475	2.60	0.92	8.8	4.1	690
M895041		3.23	16.25	0.19	0.9	0.187	2.54	36.4	15.4	0.23	763	2.92	1.29	7.9	3.9	640
M895042		3.18	18.30	0.16	1.0	0.119	2.21	30.3	33.3	0.15	809	3.10	0.21	8.2	4.4	620
M895043		2.60	20.0	0.17	1.1	0.089	2.86	23.0	19.6	0.19	407	1.64	0.87	8.6	3.4	650
M895044		0.48	0.38	0.06	<0.1	0.006	0.04	0.7	1.1	12.10	211	0.11	0.01	0.4	3.4	180
M895045		2.85	20.2	0.14	1.1	0.085	2.88	15.3	25.8	0.15	519	3.70	0.18	8.7	3.7	640
M895046		3.75	19.40	0.18	1.2	0.086	2.93	28.3	18.6	0.46	538	3.06	1.43	8.8	4.5	640
M895047		2.66	20.4	0.14	1.5	0.068	2.80	21.1	20.9	0.23	376	1.95	0.93	9.4	3.9	610
M895048		3.38	21.1	0.16	1.6	0.103	2.77	19.5	26.1	0.16	571	2.80	0.27	11.0	4.3	670
M895049		3.15	19.20	0.18	1.2	0.070	2.59	26.2	16.0	0.41	578	2.04	1.56	8.7	5.1	640
M895050		3.19	18.80	0.19	1.2	0.057	2.90	28.6	39.2	0.21	857	2.83	0.55	8.3	4.0	620
M895051		3.24	19.80	0.19	1.4	0.065	3.01	29.9	26.7	0.19	659	3.38	0.52	8.7	4.3	630
M895052		3.85	19.15	0.20	1.2	0.369	3.16	32.8	17.6	0.33	829	3.55	0.30	7.9	2.8	560
M895053		4.21	12.20	0.19	0.7	0.163	2.14	24.4	14.1	0.19	501	2.60	0.04	4.7	2.4	340
M895054		4.51	11.90	0.19	0.7	0.241	1.85	21.9	16.9	0.15	574	3.65	0.12	4.2	3.5	330
M895055		3.52	18.00	0.20	1.2	0.162	2.76	33.2	18.3	0.32	666	2.11	0.84	8.0	4.8	610
M895056		3.89	16.90	0.22	1.0	0.161	2.76	35.0	13.6	0.24	1140	2.45	0.15	7.1	3.7	590
M895057		3.60	18.35	0.22	1.2	0.219	2.51	38.5	22.5	0.26	633	2.58	1.47	8.2	4.9	680
M895058		3.17	18.90	0.21	1.1	0.151	2.54	34.7	15.6	0.23	779	1.81	1.64	7.9	4.1	610
M895059		3.28	18.70	0.22	1.1	0.087	2.70	33.9	21.2	0.21	968	2.01	0.28	8.3	4.5	630
M895060		3.37	17.95	0.22	1.1	0.143	2.79	30.9	17.3	0.68	678	1.54	1.86	7.8	4.2	610
M895061		6.35	15.30	0.25	0.9	1.715	2.49	23.7	23.5	0.87	1830	14.20	0.04	6.2	15.1	420
M895062		3.17	18.20	0.20	1.0	0.190	2.60	28.1	15.9	0.74	499	0.94	1.93	7.5	3.6	610
M895063		2.93	20.0	0.20	1.2	0.123	2.67	33.4	25.9	0.37	559	1.41	1.48	8.3	4.4	620
M895064		3.07	18.85	0.18	1.1	0.181	2.73	30.4	15.7	0.78	510	1.41	1.70	8.2	3.9	650
M895065		3.65	19.70	0.20	1.1	0.166	2.83	29.2	21.1	0.50	436	2.68	0.69	8.3	3.4	670
M895066		4.04	19.40	0.21	1.0	0.107	2.82	33.1	14.1	0.34	887	4.08	0.63	7.5	4.0	600
M895067		3.27	18.80	0.21	1.1	0.158	3.15	33.4	8.9	0.30	718	3.62	0.57	7.6	4.3	640
M895068		5.21	19.40	0.25	1.1	0.557	2.34	43.1	18.0	0.45	996	3.76	1.84	7.2	6.0	750
M895069		6.55	22.0	0.30	1.1	0.801	2.26	42.1	17.2	0.56	1160	3.82	2.85	7.9	4.9	780



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**CERTIFICATE OF ANALYSIS WH12155846**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M895034		14.8	90.4	<0.002	0.13	4.73	9.5	1	1.2	113.0	0.49	0.06	12.9	0.189	1.18	2.4
M895035		29.6	111.0	<0.002	0.10	6.36	12.6	1	2.0	94.9	0.58	0.26	17.0	0.233	1.43	3.0
M895036		52.1	144.0	<0.002	0.12	9.18	12.4	1	2.3	68.9	0.58	0.19	16.8	0.224	2.05	2.9
M895037		118.0	145.0	<0.002	0.15	14.15	10.7	1	2.4	93.4	0.50	0.80	14.1	0.201	1.97	3.5
M895038		81.4	144.0	<0.002	0.12	7.02	12.9	1	1.8	98.1	0.64	0.08	16.6	0.256	1.96	3.5
M895039		16.2	122.0	<0.002	0.07	2.99	11.3	1	1.6	167.5	0.60	0.05	14.2	0.226	1.66	2.8
M895040		25.1	128.0	<0.002	0.08	6.48	12.3	1	1.8	117.5	0.74	0.31	16.6	0.272	1.59	3.3
M895041		22.5	134.5	<0.002	0.13	5.43	12.2	1	1.8	126.0	0.65	0.08	15.4	0.252	1.78	4.0
M895042		21.9	115.5	<0.002	0.07	33.8	12.0	1	1.7	82.0	0.63	0.09	14.5	0.263	1.32	3.3
M895043		23.5	138.5	<0.002	0.01	7.69	12.5	1	1.8	130.5	0.68	0.07	16.0	0.272	1.48	2.7
M895044		1.4	1.8	<0.002	0.01	1.40	0.4	<1	<0.2	46.0	<0.05	<0.05	<0.2	0.006	<0.02	0.6
M895045		24.7	132.5	<0.002	0.05	16.95	12.2	1	2.0	75.2	0.75	0.07	12.5	0.271	1.46	2.7
M895046		22.4	142.0	<0.002	0.05	7.28	12.3	1	1.8	194.5	0.75	0.19	16.4	0.258	1.40	3.6
M895047		27.1	131.0	<0.002	0.01	8.12	11.1	1	1.7	140.5	0.89	<0.05	16.9	0.258	1.28	2.8
M895048		24.8	139.5	<0.002	0.02	15.10	14.0	1	2.2	86.8	1.03	0.06	16.3	0.297	1.40	3.5
M895049		29.0	121.5	<0.002	0.04	6.56	11.3	1	1.7	251	0.73	0.08	14.9	0.268	1.25	2.7
M895050		21.6	151.5	<0.002	0.06	12.45	12.0	1	1.8	118.0	0.73	0.07	16.7	0.256	2.04	3.5
M895051		23.0	158.5	<0.002	0.05	12.35	11.8	2	1.9	109.0	0.76	0.08	17.0	0.260	2.06	3.5
M895052		270	209	0.002	0.92	667	11.3	2	8.3	72.6	0.67	0.44	16.1	0.240	2.47	4.0
M895053		629	148.0	<0.002	0.16	56.2	7.6	3	3.6	26.0	0.36	2.61	10.1	0.155	1.94	3.2
M895054		50.7	122.0	<0.002	0.06	19.85	7.1	2	1.4	28.4	0.36	0.78	10.0	0.139	1.62	3.4
M895055		81.6	154.0	<0.002	0.08	23.6	11.3	2	2.3	141.5	0.66	0.27	16.5	0.254	1.98	3.9
M895056		189.5	155.0	<0.002	0.31	24.3	11.3	2	2.5	83.1	0.57	0.16	15.8	0.235	2.32	4.4
M895057		97.3	136.5	<0.002	0.18	21.5	12.1	2	2.7	157.0	0.65	0.19	17.4	0.258	1.87	3.9
M895058		168.5	133.0	<0.002	0.11	20.4	11.6	1	2.4	162.5	0.62	0.10	15.7	0.248	1.60	4.0
M895059		72.7	143.5	<0.002	0.04	19.20	11.4	1	1.9	62.4	0.66	0.10	16.6	0.256	1.85	3.8
M895060		51.5	138.5	<0.002	0.16	6.89	11.1	1	1.9	230	0.63	0.15	15.1	0.251	1.49	3.1
M895061		2650	161.0	0.002	4.71	89.9	7.8	2	8.0	94.0	0.47	0.47	11.0	0.175	2.35	5.5
M895062		27.0	118.0	<0.002	0.12	4.26	11.6	1	1.8	255	0.59	0.14	14.4	0.235	1.29	3.2
M895063		30.6	122.5	<0.002	0.02	6.80	12.5	1	1.8	196.0	0.64	0.08	15.8	0.260	1.44	3.3
M895064		22.5	133.0	<0.002	0.24	4.39	11.8	1	2.2	223	0.63	0.13	15.1	0.255	1.55	3.2
M895065		31.5	153.5	<0.002	0.18	7.80	12.6	2	2.8	104.5	0.67	0.29	15.8	0.261	1.90	3.5
M895066		176.5	164.5	<0.002	0.21	7.80	11.5	2	3.7	101.0	0.59	0.37	15.3	0.236	2.18	4.3
M895067		107.5	196.5	<0.002	0.12	12.80	12.1	2	4.4	104.5	0.60	0.31	15.5	0.247	2.64	3.6
M895068		44.7	135.5	<0.002	0.16	9.02	13.6	2	2.4	96.6	0.57	0.66	17.7	0.237	1.87	5.2
M895069		39.9	129.5	<0.002	0.32	4.92	13.9	3	4.3	175.0	0.61	0.84	17.0	0.255	1.76	5.9



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**CERTIFICATE OF ANALYSIS WH12155846**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895034		62	2.9	12.1	81	21.5
M895035		72	4.1	23.4	86	27.6
M895036		70	3.6	18.8	115	27.3
M895037		65	4.8	19.8	113	22.7
M895038		80	4.2	18.0	174	26.9
M895039		74	3.0	12.0	88	21.8
M895040		83	6.1	16.9	96	23.1
M895041		76	3.9	19.9	85	22.9
M895042		75	4.6	21.5	79	25.9
M895043		74	3.7	16.2	52	26.8
M895044		3	0.1	0.9	15	0.7
M895045		79	7.2	13.8	61	27.6
M895046		76	4.4	21.3	65	30.6
M895047		72	5.2	14.9	48	34.4
M895048		80	7.1	17.2	64	36.6
M895049		76	3.4	17.0	78	29.5
M895050		75	2.8	18.7	84	28.2
M895051		75	3.3	18.3	74	32.0
M895052		70	5.9	19.5	780	27.7
M895053		58	4.8	12.7	391	18.1
M895054		54	3.0	13.9	468	16.5
M895055		74	3.8	17.4	303	29.8
M895056		73	4.5	21.1	440	24.8
M895057		80	4.2	21.3	231	30.8
M895058		74	3.4	20.7	314	28.1
M895059		73	3.5	20.9	248	28.7
M895060		75	3.4	16.3	188	27.1
M895061		55	5.2	10.2	5050	27.2
M895062		76	3.1	16.2	159	25.1
M895063		77	3.7	19.7	199	29.2
M895064		77	3.0	17.0	96	28.3
M895065		79	4.7	19.4	102	27.8
M895066		75	3.7	19.5	188	25.0
M895067		73	3.6	19.1	126	26.7
M895068		68	3.7	26.6	114	27.3
M895069		73	3.4	25.0	93	26.8



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Project: Klaza TR-12-2

Page: Appendix 1  
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Finalized Date: 23-JUL-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12155846**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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Page: 1  
Finalized Date: 25-JUL-2012  
Account: ROCKHA

**CERTIFICATE WH12155847**

Project: Klaza TR-12-2

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 25-JUL-2012  
 Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155847**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M895070		2.20	0.068	0.97	9.45	28.5	1430	1.38	5.73	0.28	0.62	68.9	4.6	13	15.45	49.9
M895071		3.24	0.026	0.37	8.48	15.9	2380	1.41	1.07	0.23	0.43	49.3	5.4	12	9.08	59.6
M895072		3.05	0.030	0.51	8.46	19.8	2370	1.33	1.75	0.28	0.55	72.2	9.4	15	10.70	43.8
M895073		2.62	0.014	0.30	7.69	13.5	2060	1.55	0.85	0.96	0.30	64.1	8.7	13	6.97	23.1
M895074		3.10	0.058	0.90	10.10	60.6	1560	1.44	1.88	0.36	1.93	73.3	3.5	11	16.20	22.7
M895075		2.65	0.040	0.69	8.52	41.3	1860	1.49	1.28	0.33	1.42	66.5	6.9	13	19.90	62.8
M895076		2.66	0.023	0.28	7.88	11.7	2140	1.66	0.51	1.01	0.40	62.8	4.5	12	9.31	27.4
M895077		2.74	0.047	0.62	7.97	58.6	1570	1.51	0.27	1.13	0.66	60.0	4.8	12	26.0	9.3
M895078		2.52	0.070	1.14	8.14	36.7	1720	1.59	0.17	0.72	0.86	58.0	5.7	15	33.6	9.8
M895079		2.01	0.127	3.49	7.10	121.0	1000	1.71	0.38	0.25	9.78	58.5	7.5	13	22.4	22.0
M895080		2.39	0.028	0.35	8.24	24.7	1580	1.44	1.42	0.25	3.32	46.6	13.1	14	14.25	28.0
M895081		2.65	0.035	0.47	8.08	26.6	2240	1.73	1.05	0.43	1.92	55.3	8.4	14	15.55	49.0
M895082		2.69	0.017	0.66	7.72	23.3	2740	1.59	1.11	0.86	1.22	52.5	8.3	14	11.75	24.6
M895083		2.18	0.022	0.40	8.07	12.8	2780	1.35	1.07	0.53	0.30	59.4	19.3	13	8.51	42.3
M895084		2.46	0.011	0.34	8.37	12.8	2910	1.63	0.97	0.27	0.44	44.8	13.6	14	16.15	9.5
M895085		2.17	0.018	0.75	7.72	13.8	2300	1.62	1.60	0.30	0.62	64.0	5.9	16	10.40	14.8
M895086		3.14	0.032	0.80	7.96	34.1	2860	1.65	2.12	0.29	0.61	55.7	29.5	19	9.40	17.5
M895087		3.13	0.020	0.47	7.36	25.1	2370	1.53	1.55	0.72	0.56	50.7	10.4	14	6.53	25.3
M895088		0.25	2.19	25.5	5.79	3320	600	1.26	18.85	2.14	77.3	40.2	10.9	18	13.90	423
M895089		2.03	0.029	0.72	8.24	35.8	2340	1.55	0.76	0.39	0.85	55.1	12.1	13	12.30	20.0
M895090		2.29	<0.005	0.17	7.62	9.4	2370	1.66	0.34	1.84	0.29	47.8	7.7	14	6.99	9.0
M895091		3.36	0.007	0.30	7.77	9.3	2330	1.61	0.36	0.97	0.35	53.2	8.6	11	11.75	11.7
M895092		2.73	0.023	0.70	7.36	24.5	2330	1.64	1.37	0.76	0.41	52.0	15.0	12	8.12	27.7
M895093		2.45	0.572	1.13	7.68	66.4	2110	1.78	5.35	0.26	0.48	61.3	23.7	18	12.00	170.0
M895094		3.28	0.068	1.98	8.21	53.4	2440	1.74	3.88	0.26	2.23	62.0	18.6	12	16.75	199.0
M895095		2.51	0.064	1.14	7.72	61.5	1740	1.71	2.92	0.27	0.91	56.9	15.5	12	22.5	127.0
M895096		3.39	0.272	1.01	7.96	24.7	2140	1.48	1.37	0.42	1.32	56.0	7.9	11	16.30	39.6
M895097		2.87	0.019	0.42	7.90	14.9	2290	1.52	1.06	0.36	0.73	61.3	6.2	11	12.00	34.1
M895098		4.03	<0.005	0.03	0.10	<5	40	0.10	0.05	19.85	0.06	1.30	0.7	2	0.35	2.0
M895099		2.75	0.038	0.55	7.94	25.0	2140	1.86	1.49	0.45	0.91	60.5	10.5	12	14.90	26.4
M895100		2.69	0.189	2.31	6.83	107.0	2150	1.82	2.71	0.26	1.27	50.5	10.5	9	29.4	50.4
M895101		2.31	0.206	1.83	6.52	177.0	1880	1.50	1.29	2.40	3.47	47.3	8.6	13	13.70	35.4
M895102		3.52	0.033	0.62	7.95	25.9	2670	1.73	1.43	0.58	0.81	51.9	8.8	11	12.70	31.7
M895103		2.87	0.058	1.07	7.47	83.4	2930	1.64	0.93	0.31	1.69	53.5	7.3	12	21.6	21.4
M895104		2.57	0.032	0.47	8.12	12.6	2700	1.56	0.82	0.41	1.03	53.1	6.5	11	16.40	37.9
M895105		2.96	0.207	31.7	7.12	184.5	4620	1.58	7.01	0.15	3.64	52.5	7.5	12	15.90	159.5



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Plus Appendix Pages  
Finalized Date: 25-JUL-2012  
Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155847**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895070		4.89	24.0	0.15	1.1	0.428	3.04	37.9	19.0	0.69	467	2.70	1.22	9.3	4.4	560
M895071		3.73	20.8	0.10	1.1	0.203	2.54	23.5	27.3	0.21	452	2.85	0.61	8.9	4.5	670
M895072		4.44	19.90	0.13	1.1	0.162	2.38	31.7	23.1	0.19	684	3.07	0.31	8.4	5.9	710
M895073		3.11	19.00	0.12	1.1	0.222	2.22	33.8	22.0	0.75	646	2.37	2.19	8.5	5.1	700
M895074		7.13	22.7	0.23	1.0	0.897	2.52	42.8	28.9	0.22	1600	3.91	0.26	8.0	4.7	770
M895075		4.58	19.60	0.15	1.2	0.400	2.50	37.4	26.7	0.21	1060	2.07	0.65	8.4	4.3	670
M895076		3.21	19.15	0.13	1.2	0.129	2.59	32.0	23.0	0.64	518	1.17	2.03	9.0	3.4	680
M895077		3.43	19.30	0.15	1.1	0.301	2.91	33.3	21.3	0.37	1240	1.51	0.24	8.3	3.2	620
M895078		3.17	18.90	0.11	1.1	0.060	3.05	30.3	17.0	0.19	1270	1.42	0.06	8.4	3.4	640
M895079		3.72	17.60	0.14	1.0	0.708	2.66	32.6	22.7	0.20	2070	2.20	0.05	7.5	3.0	540
M895080		3.56	20.8	0.09	1.1	0.206	2.09	24.2	31.5	0.19	612	1.56	0.12	8.3	3.7	690
M895081		3.21	19.10	0.11	1.1	0.095	2.78	30.8	31.2	0.24	508	1.46	1.14	8.4	3.8	680
M895082		3.41	17.35	0.14	1.1	0.112	2.48	27.0	22.1	0.42	510	1.32	1.69	7.9	3.8	650
M895083		2.97	18.80	0.12	1.2	0.127	2.68	29.0	24.3	0.57	339	0.91	0.95	8.7	3.4	670
M895084		2.08	19.40	0.13	1.2	0.126	3.19	21.0	19.7	0.27	311	1.50	0.22	8.5	3.2	720
M895085		2.65	17.95	0.13	1.0	0.193	2.51	34.8	10.8	0.36	357	1.59	1.53	7.1	3.0	660
M895086		3.58	17.65	0.12	1.1	0.230	2.76	30.9	12.7	0.36	514	1.75	1.53	6.9	4.0	670
M895087		3.44	16.30	0.11	1.1	0.155	2.53	28.9	12.6	0.63	572	1.41	1.79	7.3	4.1	610
M895088		6.50	14.40	0.13	0.9	1.680	2.55	22.5	23.3	0.88	1850	13.05	0.04	5.6	15.3	440
M895089		3.55	19.40	0.12	1.2	0.125	2.91	24.5	18.9	0.26	621	1.58	1.01	7.9	4.5	650
M895090		3.20	17.85	0.11	1.1	0.064	2.60	22.6	11.1	0.65	552	1.49	2.25	8.1	3.4	620
M895091		3.12	17.60	0.10	1.2	0.065	2.67	26.4	14.6	0.31	581	1.25	1.66	7.9	3.5	640
M895092		3.30	17.50	0.14	1.1	0.252	2.71	30.7	12.9	0.53	535	1.26	1.73	7.7	3.7	610
M895093		4.92	18.35	0.13	1.1	0.312	3.34	41.1	11.4	0.29	547	2.48	0.33	6.8	3.6	610
M895094		4.37	19.70	0.13	1.2	0.312	3.24	35.7	14.0	0.28	1440	2.20	0.29	8.0	4.3	700
M895095		3.87	17.90	0.11	0.9	0.313	2.81	33.0	14.7	0.20	832	1.40	0.26	6.8	3.7	680
M895096		3.50	18.05	0.11	1.0	0.188	2.79	31.5	32.9	0.17	688	1.36	1.16	7.4	3.7	650
M895097		2.89	17.55	0.13	0.9	0.206	2.61	29.0	20.3	0.27	571	1.27	1.44	7.3	3.1	630
M895098		0.46	0.28	0.10	<0.1	0.007	0.04	0.6	1.3	11.80	205	0.09	0.01	0.1	1.5	200
M895099		3.65	18.45	0.14	1.1	0.286	2.53	32.8	18.7	0.28	731	1.42	1.75	8.2	3.5	670
M895100		3.53	16.70	0.12	1.2	0.215	2.75	28.0	19.4	0.25	2250	1.73	0.04	7.2	3.1	540
M895101		5.15	16.10	0.12	0.9	0.176	2.92	28.2	13.4	0.74	17400	3.09	0.10	6.1	3.3	510
M895102		3.56	18.05	0.14	1.2	0.163	3.02	29.0	21.0	0.30	898	1.44	1.31	8.0	3.3	650
M895103		3.27	17.25	0.15	1.1	0.075	3.08	32.5	30.4	0.25	1120	1.32	0.27	7.7	3.0	590
M895104		2.97	19.30	0.11	1.2	0.130	2.92	26.8	28.8	0.36	776	0.93	0.94	8.7	3.2	670
M895105		5.72	17.60	0.13	1.0	0.613	3.18	34.1	12.1	0.25	3290	2.26	0.12	6.8	3.0	520



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Finalized Date: 25-JUL-2012  
Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155847**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M895070		16.0	154.0	<0.002	0.13	3.30	17.0	3	8.5	127.0	0.70	0.67	11.0	0.309	2.16	3.9
M895071		17.7	116.0	<0.002	0.04	11.15	13.3	2	2.3	102.0	0.68	0.13	14.1	0.280	1.32	4.1
M895072		25.1	113.5	<0.002	0.07	10.20	14.7	2	2.5	87.3	0.64	0.21	14.4	0.279	1.40	4.9
M895073		20.1	107.5	<0.002	0.19	5.51	13.8	2	2.1	295	0.61	0.10	13.2	0.273	1.31	3.0
M895074		47.5	160.0	<0.002	0.24	21.7	16.1	2	4.0	38.4	0.60	0.25	17.5	0.252	2.29	6.5
M895075		25.8	142.5	<0.002	0.12	18.55	13.9	2	2.3	87.8	0.68	0.21	15.6	0.265	2.09	4.7
M895076		19.1	119.5	<0.002	0.05	3.87	13.3	1	1.8	287	0.73	<0.05	14.6	0.269	1.35	2.8
M895077		33.4	143.0	<0.002	0.19	8.36	13.0	1	2.6	61.0	0.64	<0.05	14.1	0.255	2.18	3.4
M895078		161.5	158.0	<0.002	0.04	7.79	13.0	1	1.7	31.0	0.65	<0.05	14.6	0.264	2.50	3.6
M895079		1280	152.5	<0.002	0.30	21.4	12.0	1	3.2	25.9	0.55	0.05	12.7	0.233	2.55	3.7
M895080		20.4	117.0	<0.002	0.18	13.25	15.2	2	2.3	45.6	0.66	0.25	14.9	0.255	1.53	3.6
M895081		24.4	128.5	<0.002	0.09	10.65	12.9	1	2.2	174.0	0.67	0.14	13.8	0.268	1.64	3.6
M895082		30.4	115.5	<0.002	0.17	5.43	12.0	1	2.2	243	0.68	0.10	14.4	0.260	1.42	3.3
M895083		21.8	108.5	<0.002	0.11	4.17	11.9	<1	2.0	159.5	0.75	0.08	16.2	0.263	1.28	2.9
M895084		13.7	154.0	<0.002	0.08	8.69	12.9	1	1.7	52.6	0.71	0.17	15.4	0.267	2.20	2.9
M895085		28.4	136.5	0.002	0.12	10.25	12.1	1	3.0	170.5	0.52	0.29	14.3	0.231	1.80	2.2
M895086		24.3	149.0	0.002	0.26	5.83	12.5	1	2.5	163.5	0.55	0.43	13.9	0.239	1.96	2.7
M895087		22.0	114.5	<0.002	0.15	4.36	11.1	1	2.0	216	0.60	0.24	13.9	0.237	1.41	2.6
M895088		2680	152.0	0.002	4.62	90.1	7.8	1	7.9	88.2	0.46	0.31	9.2	0.171	2.27	4.7
M895089		26.1	132.5	0.002	0.04	8.80	12.4	1	2.0	146.0	0.65	0.09	15.1	0.259	1.54	3.6
M895090		20.7	99.2	<0.002	0.06	2.55	10.5	1	1.8	388	0.69	<0.05	12.1	0.251	1.17	2.5
M895091		21.0	112.5	<0.002	0.01	6.73	11.4	1	1.7	249	0.65	<0.05	14.4	0.253	1.17	2.9
M895092		26.5	127.0	<0.002	0.18	5.38	11.1	1	2.3	238	0.66	0.24	14.5	0.233	1.59	2.9
M895093		32.8	176.5	<0.002	0.21	6.14	12.2	1	4.3	46.5	0.57	0.99	14.7	0.220	2.82	3.7
M895094		71.4	172.0	0.002	0.15	7.84	12.7	1	3.5	66.7	0.68	0.41	17.1	0.249	2.55	4.3
M895095		70.9	133.5	<0.002	0.19	19.50	11.9	1	2.2	37.5	0.58	0.23	14.3	0.232	2.15	4.4
M895096		108.0	133.0	<0.002	0.06	6.86	11.7	1	2.0	161.5	0.60	0.11	13.8	0.250	1.73	3.7
M895097		23.9	121.5	0.002	0.06	5.69	10.9	1	1.9	143.5	0.64	0.09	15.0	0.238	1.57	3.0
M895098		1.4	2.2	<0.002	0.01	0.10	0.2	<1	0.3	40.7	<0.05	<0.05	<0.2	<0.005	0.03	0.4
M895099		58.2	124.0	<0.002	0.06	5.75	12.6	1	2.1	174.5	0.75	0.12	16.1	0.247	1.78	4.2
M895100		125.0	159.0	0.002	0.30	19.80	9.9	1	2.2	44.0	0.66	0.13	13.7	0.213	2.72	3.9
M895101		145.0	173.5	0.002	0.49	14.40	9.6	1	1.9	69.9	0.54	0.12	12.6	0.192	2.86	4.0
M895102		42.5	138.0	0.002	0.08	8.31	11.8	1	2.1	195.5	0.71	0.12	15.4	0.251	1.99	3.7
M895103		64.8	168.5	<0.002	0.25	15.40	11.1	1	1.9	80.1	0.70	0.06	14.9	0.238	2.46	3.4
M895104		21.6	130.0	<0.002	0.04	6.15	12.6	1	2.1	151.5	0.77	0.08	16.8	0.257	1.66	2.6
M895105		303	175.0	<0.002	0.38	43.6	11.0	1	4.6	61.6	0.64	0.50	13.4	0.214	2.65	4.5



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 Finalized Date: 25-JUL-2012  
 Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155847**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895070		96	7.1	15.1	48	25.5
M895071		79	4.7	18.7	52	25.3
M895072		81	4.9	22.5	73	26.5
M895073		79	2.6	15.7	65	26.6
M895074		103	4.7	27.7	221	24.0
M895075		83	3.3	22.2	140	26.3
M895076		75	5.0	14.3	64	25.9
M895077		71	4.2	19.4	103	25.8
M895078		74	8.5	18.8	157	25.4
M895079		67	3.9	14.1	1240	24.2
M895080		72	4.3	18.9	198	24.6
M895081		79	2.6	17.2	106	27.1
M895082		76	3.2	17.9	93	24.2
M895083		73	4.3	17.6	46	26.6
M895084		80	5.1	17.0	44	28.8
M895085		72	3.3	15.5	66	23.6
M895086		79	3.1	17.3	57	24.8
M895087		72	2.3	16.4	61	24.5
M895088		54	4.8	9.8	5190	25.5
M895089		74	5.4	22.5	80	28.3
M895090		70	1.6	16.1	44	26.0
M895091		73	3.3	17.2	47	28.1
M895092		74	2.0	17.8	58	25.5
M895093		73	3.5	25.5	66	25.2
M895094		74	3.7	22.0	190	26.8
M895095		76	2.6	19.5	125	22.2
M895096		74	1.7	19.3	186	24.8
M895097		67	2.8	16.4	66	23.3
M895098		2	0.2	0.8	12	<0.5
M895099		77	2.9	21.7	100	24.1
M895100		64	3.7	17.1	161	26.6
M895101		58	4.0	26.6	170	20.5
M895102		73	2.5	18.5	94	26.5
M895103		71	3.5	19.9	215	28.2
M895104		74	2.6	17.0	69	31.3
M895105		68	3.7	21.2	370	24.4



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**CERTIFICATE OF ANALYSIS WH12155847**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12155848**

Project: Klaza TR-12-2

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12155848**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M895106		3.84	0.031	1.11	7.72	24.8	2590	1.63	1.06	0.51	1.38	55.4	6.9	10	16.80	45.4
M895107		2.82	0.216	3.07	7.46	76.6	1980	1.84	5.65	0.29	1.52	62.4	9.4	9	23.1	197.0
M895108		2.28	0.016	0.47	8.05	11.3	2090	1.56	0.76	0.38	0.86	53.6	5.8	13	13.10	29.4
M895109		2.59	0.018	0.41	7.80	17.6	2930	1.44	0.88	0.24	1.20	55.1	9.6	10	14.70	49.3
M895110		2.06	0.013	0.35	8.15	11.4	2180	1.47	0.73	0.27	0.61	51.4	7.6	11	12.35	42.1
M895111		2.85	0.046	0.49	7.93	14.9	2040	1.50	1.27	0.32	1.31	55.1	7.4	12	13.25	76.5
M895112		2.62	0.026	0.49	8.27	17.1	2250	1.89	1.23	1.05	0.92	62.1	9.7	15	12.70	68.1
M895113		2.05	0.026	0.54	7.96	18.2	2290	1.47	1.00	0.33	0.82	56.1	12.3	11	11.85	62.8
M895114		2.26	0.011	0.25	8.18	14.3	2520	1.49	0.58	0.25	1.13	64.4	9.0	13	12.75	38.3
M895115		1.89	0.015	0.47	8.83	11.3	2300	1.31	0.66	0.38	0.50	51.7	5.3	12	13.70	35.4
M895116		2.38	0.020	0.23	8.17	10.9	2450	1.66	0.80	1.21	0.43	61.5	7.7	13	6.68	27.3
M895117		2.52	0.039	0.57	8.18	15.8	2960	1.69	3.13	0.59	0.34	58.7	12.8	12	9.43	49.1
M895118		2.22	0.018	0.30	8.36	10.9	2550	1.96	0.96	1.39	0.27	59.7	9.0	14	8.68	21.6
M895119		0.24	2.24	28.8	6.12	3540	960	1.36	18.25	2.26	81.6	47.1	11.0	18	16.15	441
M895120		2.43	0.107	0.69	8.28	30.0	2030	1.75	2.48	0.48	0.68	58.5	7.5	13	14.55	67.7
M895121		3.23	0.096	1.14	7.95	92.8	2540	2.39	1.50	0.26	5.10	67.7	10.4	12	28.6	55.4
M895122		2.50	0.143	2.07	8.54	147.0	1630	1.43	4.78	0.12	0.65	45.8	4.9	14	15.30	33.2
M895123		2.56	0.226	4.24	8.82	318	1290	1.57	9.67	0.11	0.86	66.9	3.9	12	13.50	50.9
M895124		4.02	0.109	3.41	7.38	181.0	1000	1.33	7.07	0.11	0.76	53.7	5.0	13	12.85	36.5
M895125		2.60	0.041	0.72	8.35	23.3	1880	1.54	3.17	0.19	0.70	54.7	21.8	10	12.65	66.4
M895126		4.86	<0.005	0.05	0.08	<5	20	0.08	0.08	20.8	0.07	1.31	0.6	2	0.22	1.3
M895127		2.67	0.037	0.48	8.96	22.9	2930	1.78	3.46	0.26	0.34	69.2	18.4	11	10.65	19.9
M895128		2.57	0.036	0.47	8.00	23.0	1750	1.49	1.63	0.28	0.23	50.1	7.1	11	19.25	32.2
M895129		3.85	0.045	0.67	8.11	42.3	3770	1.51	2.85	0.23	0.33	56.9	9.7	10	14.70	31.5
M895130		2.28	0.098	1.40	7.98	112.5	2750	1.85	2.20	0.20	0.55	56.4	11.9	12	21.7	24.7
M895131		2.79	0.030	0.46	8.09	19.1	2010	1.39	1.94	0.31	0.25	48.7	6.3	11	9.77	35.7
M895132		2.57	0.013	0.33	8.50	15.2	2890	1.73	1.79	0.34	0.31	62.0	5.0	15	11.80	18.0
M895133		2.72	0.023	0.39	8.55	15.5	2710	1.48	2.56	0.28	0.24	57.6	8.4	11	11.00	40.1
M895134		2.78	0.017	0.30	8.43	16.1	2090	1.38	1.94	0.28	0.90	54.0	8.2	13	11.50	32.5
M895135		2.43	0.201	4.13	7.59	603	1090	1.54	2.49	0.22	2.87	53.1	6.6	12	16.60	305
M895136		2.52	0.090	2.01	8.65	310	2890	1.44	4.26	0.27	2.43	56.8	9.2	13	14.50	39.3
M895137		1.88	0.025	0.60	8.08	96.8	2410	1.46	2.30	0.94	1.15	57.4	12.5	16	9.23	23.8
M895138		2.89	0.021	0.53	8.27	104.0	2170	1.53	1.19	0.62	1.67	54.3	8.6	13	11.95	18.7
M895139		2.99	0.015	0.36	7.94	19.3	2390	1.50	0.85	0.76	1.01	53.6	6.7	10	15.15	20.5
M895140		2.68	0.014	0.30	7.87	10.4	2170	1.40	0.76	0.59	0.27	53.5	8.6	14	13.30	19.5
M895141		2.96	0.014	0.35	7.99	11.6	2410	1.34	0.99	0.62	0.29	56.6	8.7	11	12.25	24.7





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Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155848**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895106		3.29	18.40	0.20	1.2	0.161	2.69	29.0	21.3	0.54	865	0.92	0.99	8.7	3.5	640
M895107		4.02	18.85	0.25	1.4	0.358	2.81	35.5	19.1	0.24	974	2.55	0.37	8.1	3.6	680
M895108		2.87	19.25	0.20	1.3	0.097	2.70	22.9	23.6	0.28	443	1.12	0.71	8.9	3.1	650
M895109		3.37	18.50	0.21	1.2	0.099	2.53	27.7	29.0	0.13	788	1.72	0.25	9.0	3.7	680
M895110		2.78	19.40	0.21	1.3	0.098	2.71	23.7	21.6	0.15	747	1.28	0.43	9.1	3.1	660
M895111		3.14	18.90	0.21	1.2	0.150	2.51	26.4	25.6	0.16	855	1.24	0.33	9.2	3.7	660
M895112		3.48	19.15	0.26	1.3	0.138	2.67	32.2	16.2	0.52	679	1.26	1.92	9.1	4.8	670
M895113		2.83	19.50	0.21	1.2	0.094	2.77	25.0	18.3	0.25	423	1.12	0.65	8.8	3.8	630
M895114		3.66	18.40	0.14	1.1	0.073	2.70	36.8	34.9	0.14	780	1.78	0.13	8.1	4.2	630
M895115		2.79	19.60	0.13	1.1	0.085	2.86	24.4	25.8	0.28	372	0.83	0.72	8.4	4.0	680
M895116		3.22	17.85	0.11	1.1	0.092	2.69	28.7	16.0	0.71	509	9.67	1.92	8.1	3.9	630
M895117		3.52	17.90	0.12	1.1	0.146	2.90	25.8	19.5	0.88	567	1.10	1.58	7.8	3.8	630
M895118		3.33	18.05	0.13	1.2	0.108	2.78	31.4	15.9	0.77	597	1.47	1.98	8.2	4.7	650
M895119		6.93	15.15	0.13	0.9	1.945	2.64	24.7	26.7	0.94	1890	14.60	0.05	5.7	15.6	460
M895120		3.45	18.95	0.10	1.2	0.242	2.60	32.3	25.8	0.52	613	1.33	1.50	8.3	3.5	620
M895121		4.14	19.30	0.15	1.3	0.372	3.46	40.7	12.2	0.34	5550	3.97	0.05	8.6	4.6	630
M895122		5.23	17.75	0.11	1.1	0.612	3.90	28.5	8.6	0.31	656	3.87	0.05	7.6	2.0	480
M895123		7.85	19.25	0.17	1.1	0.658	4.07	47.4	14.8	0.32	724	2.35	0.08	6.4	2.8	640
M895124		7.50	16.50	0.14	1.3	0.474	3.22	34.5	19.0	0.25	928	2.15	0.08	6.2	3.1	620
M895125		4.20	18.55	0.11	1.0	0.336	2.66	25.6	25.8	0.25	1370	1.25	0.59	6.9	3.3	550
M895126		0.47	0.24	0.06	<0.1	0.009	0.03	0.7	1.1	12.95	207	0.15	0.01	0.2	1.6	180
M895127		4.86	19.50	0.16	1.1	0.308	2.80	39.8	25.7	0.21	752	1.18	0.72	6.5	3.6	730
M895128		3.38	16.55	0.13	1.0	0.249	2.40	27.1	29.9	0.17	703	1.06	0.10	6.5	3.3	680
M895129		4.41	16.60	0.13	1.1	0.310	2.44	35.7	28.3	0.18	893	1.18	0.13	6.1	3.1	710
M895130		4.08	16.75	0.12	0.9	0.508	3.26	34.7	14.8	0.25	2160	1.59	0.06	6.0	3.6	590
M895131		3.53	17.15	0.11	1.0	0.192	2.69	21.3	18.6	0.28	596	0.88	0.93	7.2	3.1	690
M895132		3.64	18.25	0.11	1.1	0.404	2.47	29.2	21.2	0.44	702	1.22	1.39	8.0	3.8	830
M895133		3.58	18.15	0.11	1.0	0.250	2.62	29.2	19.9	0.34	530	0.91	1.04	7.6	2.8	690
M895134		3.64	20.0	0.15	1.3	0.239	2.76	28.2	27.5	0.18	821	1.42	0.20	9.3	4.5	690
M895135		3.87	18.95	0.19	1.0	0.396	3.11	41.9	25.1	0.30	606	1.19	0.05	7.1	3.3	590
M895136		4.27	21.0	0.19	1.1	0.186	3.14	33.1	22.8	0.21	887	1.23	0.16	9.3	4.3	700
M895137		3.74	19.50	0.18	1.1	0.164	2.74	32.0	17.9	0.62	681	0.82	1.62	9.3	5.6	710
M895138		3.76	20.9	0.20	1.1	0.166	2.72	28.0	15.0	0.45	736	0.91	1.35	9.0	4.5	680
M895139		3.64	19.20	0.17	1.0	0.158	2.68	25.5	17.0	0.86	625	0.62	1.24	8.8	4.2	670
M895140		3.55	18.25	0.18	1.0	0.118	2.69	29.0	16.6	0.98	597	1.17	1.39	8.4	3.4	650
M895141		3.69	19.50	0.18	1.1	0.132	2.66	33.8	18.5	0.76	630	1.17	1.27	8.4	4.1	650



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**CERTIFICATE OF ANALYSIS WH12155848**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M895106		48.3	128.0	<0.002	0.05	9.90	11.4	1	1.8	154.0	0.75	0.10	16.9	0.260	1.54	3.1
M895107		101.5	151.5	<0.002	0.14	29.3	10.1	1	2.8	61.8	0.66	0.33	14.5	0.247	2.22	5.1
M895108		35.7	122.5	<0.002	0.01	5.93	11.6	1	1.7	114.0	0.74	0.05	16.6	0.272	1.31	2.5
M895109		23.0	124.0	<0.002	0.06	22.9	11.8	1	1.7	75.4	0.75	0.08	15.9	0.266	1.40	3.7
M895110		21.7	123.0	<0.002	0.01	7.51	11.7	1	1.8	83.6	0.76	0.07	16.7	0.279	1.31	3.0
M895111		34.5	114.5	<0.002	0.03	15.85	11.7	1	1.8	87.9	0.76	0.11	16.7	0.281	1.30	3.2
M895112		39.8	121.0	<0.002	0.06	5.51	11.8	1	1.8	287	0.76	0.12	17.3	0.283	1.36	3.3
M895113		23.1	132.5	<0.002	0.03	7.20	11.9	1	2.0	111.0	0.71	0.14	16.4	0.264	1.40	3.2
M895114		19.4	122.0	<0.002	0.08	19.85	12.2	4	1.9	69.8	0.75	0.06	16.6	0.275	1.28	4.0
M895115		23.1	118.5	0.004	0.02	4.16	11.1	<1	2.0	112.5	0.71	0.07	17.0	0.285	1.31	3.3
M895116		22.6	118.0	0.002	0.11	3.27	11.4	2	2.1	298	0.70	0.12	15.0	0.272	1.34	2.7
M895117		25.3	127.0	0.003	0.08	2.35	12.6	3	2.2	198.0	0.69	0.18	15.4	0.267	1.52	2.9
M895118		25.8	133.0	<0.002	0.05	2.66	12.1	2	1.9	307	0.79	0.11	16.0	0.271	1.51	3.2
M895119		2820	168.0	0.003	4.92	92.4	8.5	2	8.5	95.5	0.46	0.38	11.1	0.178	2.44	5.5
M895120		27.7	135.0	0.005	0.10	5.42	12.2	2	2.5	138.0	0.78	0.55	18.0	0.255	1.54	3.6
M895121		86.4	242	0.004	0.15	9.68	12.4	2	3.0	36.8	0.92	0.29	18.2	0.245	3.54	4.7
M895122		45.6	244	0.003	0.27	9.20	12.2	1	4.0	20.2	0.71	0.77	14.8	0.267	4.07	4.5
M895123		178.0	254	<0.002	0.09	16.75	11.7	2	9.2	20.6	0.66	1.50	15.1	0.227	3.63	5.1
M895124		136.0	204	0.002	0.10	18.45	10.7	2	8.2	23.7	0.58	1.55	13.5	0.210	2.71	4.8
M895125		25.0	133.5	0.004	0.03	8.45	13.3	2	2.5	86.5	0.60	0.57	18.1	0.231	1.71	4.0
M895126		1.6	1.7	0.004	0.01	<0.05	0.3	<1	0.4	41.8	<0.05	0.06	<0.2	<0.005	<0.02	0.6
M895127		18.6	137.0	0.005	0.02	11.15	13.1	1	2.5	131.5	0.56	1.81	17.9	0.219	1.89	4.3
M895128		18.4	108.5	<0.002	0.04	14.40	11.8	1	2.1	58.1	0.60	0.20	15.6	0.235	1.42	3.6
M895129		25.1	111.5	0.002	0.09	16.15	11.2	1	2.1	57.4	0.57	0.84	17.1	0.223	1.79	4.0
M895130		62.7	178.0	<0.002	0.08	13.15	11.2	1	2.6	40.8	0.54	0.62	15.1	0.223	3.35	3.5
M895131		21.5	110.5	0.005	0.02	7.99	11.2	1	2.0	102.0	0.65	0.18	15.0	0.260	1.62	3.5
M895132		19.1	131.0	<0.002	0.10	6.94	12.2	1	2.4	133.5	0.69	0.24	15.9	0.271	1.87	3.7
M895133		18.0	119.0	0.003	0.07	6.08	11.4	<1	2.0	106.5	0.69	0.45	17.1	0.274	1.75	3.5
M895134		17.9	150.5	<0.002	0.04	19.05	13.1	1	1.9	69.2	0.81	0.30	19.1	0.281	1.97	4.6
M895135		132.5	244	<0.002	0.12	77.8	12.5	1	2.6	20.1	0.60	0.53	15.9	0.230	2.99	3.8
M895136		43.7	179.0	<0.002	0.05	11.50	13.9	1	2.2	69.3	0.78	0.27	17.4	0.293	2.10	4.3
M895137		41.2	141.0	<0.002	0.12	8.57	13.9	1	2.1	244	0.76	0.43	15.8	0.305	1.55	3.7
M895138		29.2	141.5	<0.002	0.04	5.42	14.8	1	2.1	187.5	0.74	0.18	16.0	0.279	1.53	3.2
M895139		22.7	128.5	<0.002	0.05	3.43	14.0	1	2.0	196.5	0.74	0.17	15.0	0.274	1.45	2.6
M895140		29.8	123.5	<0.002	0.04	2.74	13.4	1	1.8	168.0	0.69	0.10	15.7	0.282	1.40	2.8
M895141		21.7	120.5	<0.002	0.04	3.89	13.7	1	2.0	175.0	0.73	0.14	16.3	0.271	1.38	2.9



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**CERTIFICATE OF ANALYSIS WH12155848**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895106		72	4.1	18.2	109	30.9
M895107		66	2.6	22.2	191	38.5
M895108		76	2.4	15.6	121	32.9
M895109		75	3.0	19.5	88	30.1
M895110		72	3.7	16.3	62	32.7
M895111		77	5.7	17.4	127	32.6
M895112		78	1.7	17.4	139	33.2
M895113		72	2.6	17.7	66	31.6
M895114		75	3.3	21.7	83	26.8
M895115		76	2.7	14.5	49	28.6
M895116		74	2.0	15.1	51	27.7
M895117		76	2.2	15.5	56	28.0
M895118		76	2.4	15.9	49	30.5
M895119		58	5.4	10.5	5430	25.2
M895120		71	2.8	25.1	71	31.4
M895121		69	5.6	34.4	307	30.5
M895122		72	5.8	16.8	120	29.7
M895123		67	7.6	21.2	167	27.4
M895124		61	8.0	16.0	137	24.4
M895125		73	4.6	17.1	86	26.5
M895126		2	0.1	0.8	14	<0.5
M895127		77	2.7	22.5	75	28.0
M895128		72	3.7	17.6	81	23.8
M895129		70	3.1	20.3	82	22.8
M895130		69	3.2	18.3	89	24.5
M895131		77	2.1	15.7	66	24.7
M895132		83	2.7	17.6	69	28.5
M895133		77	2.8	17.3	60	24.2
M895134		77	3.5	18.6	162	30.7
M895135		72	3.1	20.0	368	23.2
M895136		78	3.2	20.2	295	27.2
M895137		81	2.6	17.1	172	28.9
M895138		79	2.9	18.7	161	26.8
M895139		77	3.7	15.8	98	25.2
M895140		77	3.1	16.9	62	24.4
M895141		78	4.7	21.2	53	27.9



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**CERTIFICATE OF ANALYSIS WH12155848**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12155849**

Project: Klaza TR-12-2

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12155849**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895142		2.45	0.007	0.90	7.64	14.5	2050	1.50	0.65	1.56	0.48	49.7	9.4	18	6.57	17.4
M895143		2.53	0.086	2.80	7.64	85.4	1690	1.49	4.58	0.23	1.70	56.7	7.2	15	9.56	36.0
M895144		3.26	0.011	0.51	8.18	11.1	2180	1.51	0.55	0.36	0.58	50.9	6.1	13	11.10	17.5
M895145		2.87	0.028	1.38	8.02	34.8	1970	1.42	1.29	0.33	4.49	58.7	12.4	14	16.85	87.5
M895146		2.27	0.017	0.46	7.93	20.7	2280	1.49	0.60	0.33	2.04	49.5	8.1	12	25.5	17.3
M895147		3.42	0.008	0.31	7.92	8.3	2300	1.56	0.51	1.24	0.69	54.9	5.8	12	9.29	9.8
M895148		2.68	0.034	0.73	8.08	21.6	2320	1.54	1.34	0.36	1.01	54.0	6.2	14	15.75	37.2
M895149		3.41	0.015	0.37	8.40	13.2	2240	1.45	0.55	0.32	0.86	50.1	4.0	13	12.35	21.9
M895150		3.24	0.008	0.19	7.73	8.1	2250	1.56	0.51	1.66	0.28	50.7	7.2	21	6.32	13.2
M895151		3.28	0.078	9.72	7.57	172.0	2170	1.43	2.22	0.37	2.16	54.4	8.0	11	17.30	88.0
M895152		3.75	0.092	1.36	7.72	60.5	1750	1.75	0.74	0.43	3.97	58.5	6.8	13	22.3	34.4
M895153		2.56	0.021	0.64	8.24	26.0	1710	1.49	0.82	0.26	1.94	64.1	7.5	12	25.7	23.1
M895154		2.63	0.064	0.51	8.21	44.7	1410	1.53	1.43	0.23	1.78	58.5	8.0	14	18.15	33.1
M895155		2.57	0.442	1.01	7.27	130.0	2880	1.25	15.90	0.31	0.92	64.7	28.5	13	7.89	105.5
M895156		2.88	0.067	0.63	8.02	44.6	2170	1.63	1.39	0.28	0.68	64.6	6.8	15	10.10	42.9
M895157		2.05	0.051	0.79	7.47	52.1	1690	1.62	1.62	0.25	0.45	71.8	23.3	13	17.65	82.2
M895158		2.73	0.025	0.42	7.56	22.8	1730	1.51	0.98	1.21	0.58	67.2	10.5	26	7.96	28.9
M895159		4.10	0.054	0.34	7.59	14.6	2290	1.62	1.52	0.58	0.22	67.6	16.1	13	11.05	49.4
M895160		3.80	0.037	1.21	8.03	28.2	2340	1.77	1.80	0.49	0.53	69.2	20.1	16	10.40	75.3
M895161		3.44	0.033	0.36	7.30	15.9	2180	1.63	1.20	1.73	0.35	64.1	15.9	13	8.54	67.6
M895162		0.25	2.07	27.0	5.78	3290	1170	1.28	21.8	2.11	76.6	47.5	10.5	16	14.80	409
M895163		2.17	0.049	0.71	7.71	17.9	2090	1.62	1.97	1.16	0.43	65.6	10.7	9	10.30	77.0
M895164		4.61	0.041	0.75	7.68	30.7	1830	1.66	1.92	1.24	0.71	74.2	13.6	20	13.25	65.0
M895165		4.97	0.034	0.85	7.64	38.3	2050	1.67	1.25	0.79	0.68	64.3	9.2	8	16.90	70.2
M895166		4.97	0.254	9.48	6.69	148.0	2800	2.27	2.03	0.38	12.95	59.4	8.6	9	30.6	39.7
M895167		5.38	0.013	0.54	7.88	26.4	2080	1.61	0.51	0.42	4.71	70.7	7.0	7	21.1	14.6
M895168		5.06	0.014	0.38	7.79	10.4	2170	1.62	0.45	0.64	1.63	63.5	6.2	8	17.15	10.0
M895169		5.26	<0.005	0.03	0.13	<5	30	0.08	0.03	22.7	0.10	1.75	1.5	<1	0.46	3.3
M895170		4.76	0.056	1.12	7.18	68.8	2500	1.67	1.17	0.34	2.24	53.3	8.8	7	22.8	26.6
M895171		3.88	0.110	0.63	7.85	28.3	2210	1.75	1.57	0.62	0.62	69.7	7.1	7	12.25	72.2
M895172		3.89	0.318	1.98	7.34	99.7	1560	1.38	6.64	0.33	0.46	78.5	6.4	13	13.30	20.4
M895173		2.61	0.092	0.89	7.85	57.1	1720	1.58	2.36	0.50	0.58	56.5	9.4	12	17.20	98.8
M895174		4.80	0.117	0.92	7.76	43.5	2270	1.64	3.15	0.34	0.91	62.4	13.3	9	16.80	111.0
M895175		4.76	0.035	0.77	7.94	29.8	2270	1.38	1.86	0.26	0.89	51.8	11.0	8	16.10	79.2
M895176		3.94	0.187	1.37	7.26	96.1	1080	2.03	1.63	0.24	1.79	58.5	8.3	8	27.5	51.7
M897551		4.06	0.012	0.59	8.31	19.9	1500	1.94	1.22	0.36	0.62	83.0	6.6	12	23.7	16.1



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**CERTIFICATE OF ANALYSIS WH12155849**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895142		3.57	17.20	0.12	1.0	0.105	2.28	24.8	15.9	0.79	686	2.07	1.86	7.9	6.7	660
M895143		4.17	18.20	0.14	1.0	0.258	3.00	32.6	16.7	0.25	692	11.55	0.16	7.4	3.7	550
M895144		3.07	19.20	0.13	1.1	0.088	2.71	23.3	18.1	0.21	596	4.73	0.86	8.3	4.2	670
M895145		4.98	17.95	0.15	1.0	0.223	2.74	34.6	20.4	0.21	1280	7.84	0.38	7.5	4.4	740
M895146		3.29	17.65	0.12	1.0	0.151	2.84	27.0	20.7	0.25	1010	9.59	0.37	7.6	3.8	650
M895147		3.32	17.15	0.13	1.0	0.109	2.61	28.1	14.3	0.67	513	2.46	2.01	7.7	4.0	650
M895148		3.29	18.80	0.13	1.0	0.222	2.96	29.6	16.4	0.29	561	10.45	0.90	8.5	3.7	680
M895149		2.86	20.8	0.13	1.0	0.124	2.78	21.3	21.4	0.18	442	7.91	0.42	9.8	3.1	710
M895150		3.30	17.00	0.13	1.2	0.092	2.54	25.4	13.3	0.78	571	2.17	2.12	8.2	6.1	650
M895151		3.65	17.85	0.14	1.0	0.169	3.14	31.0	21.8	0.36	1270	5.54	0.63	7.6	3.8	610
M895152		3.59	17.40	0.13	1.0	0.181	2.78	35.8	17.6	0.32	2330	7.57	0.44	7.9	4.8	640
M895153		3.50	16.85	0.17	1.1	0.125	2.66	31.9	27.7	0.17	863	5.17	0.20	8.1	3.6	640
M895154		3.64	16.70	0.16	1.1	0.119	2.41	28.2	30.7	0.17	958	5.10	0.12	8.1	3.5	610
M895155		5.41	13.50	0.19	0.9	0.440	3.22	40.1	12.1	0.29	435	20.6	1.32	6.1	4.6	510
M895156		3.89	17.05	0.18	1.2	0.176	2.94	31.7	20.5	0.22	546	4.18	0.50	8.8	3.6	640
M895157		3.44	16.35	0.18	1.2	0.187	2.81	41.9	19.3	0.20	668	3.05	0.36	7.8	3.9	580
M895158		3.43	15.60	0.17	1.2	0.140	2.38	33.9	18.5	0.66	683	1.79	1.56	8.6	9.4	670
M895159		3.33	15.85	0.18	1.2	0.247	2.60	33.6	14.8	0.75	488	1.76	2.05	8.0	4.1	610
M895160		3.97	17.25	0.19	1.2	0.261	2.92	29.1	16.9	0.96	496	3.04	1.74	9.1	4.4	660
M895161		3.33	16.25	0.18	1.1	0.139	2.74	30.6	14.8	0.72	493	1.36	2.05	8.1	4.3	590
M895162		6.32	13.25	0.18	0.9	1.725	2.48	22.8	24.5	0.87	1780	12.40	0.04	5.8	15.1	430
M895163		3.26	16.45	0.15	1.1	0.135	2.78	29.2	17.7	0.53	399	1.07	1.87	8.3	4.2	650
M895164		3.89	16.25	0.20	1.3	0.135	2.55	35.4	21.5	0.54	717	1.62	1.84	8.4	7.5	710
M895165		3.23	16.55	0.18	1.0	0.139	2.85	32.6	43.4	0.22	499	8.08	1.79	8.4	3.9	630
M895166		4.60	15.00	0.20	1.1	0.219	2.29	37.0	49.6	0.24	5570	5.03	0.27	7.9	5.3	570
M895167		3.35	16.95	0.17	1.2	0.094	2.82	34.2	35.6	0.23	835	1.64	0.75	8.4	3.4	640
M895168		3.07	16.95	0.16	1.2	0.090	2.68	27.6	18.9	0.26	484	1.46	1.15	8.5	3.0	630
M895169		0.53	0.36	0.06	<0.1	0.005	0.05	0.8	1.7	14.00	230	0.19	0.01	0.4	2.6	210
M895170		3.69	15.65	0.16	1.1	0.127	2.53	31.0	31.7	0.24	1250	2.90	0.47	7.3	3.2	570
M895171		3.35	17.55	0.18	1.3	0.253	2.96	32.7	17.6	0.28	494	2.54	1.40	8.6	2.9	660
M895172		3.59	17.90	0.20	1.1	0.259	3.31	45.1	12.8	0.36	363	3.33	0.30	6.9	3.4	450
M895173		4.14	16.90	0.20	1.2	0.300	3.01	30.1	24.0	0.39	431	2.98	1.15	8.3	3.8	750
M895174		3.95	16.35	0.19	1.2	0.207	2.86	32.5	20.4	0.21	544	2.63	0.95	8.0	3.5	690
M895175		3.63	16.55	0.16	1.3	0.169	2.72	26.0	28.6	0.16	386	2.05	0.79	8.3	3.3	600
M895176		3.85	15.65	0.18	1.1	0.181	2.48	30.1	46.6	0.24	2190	7.07	0.08	7.2	3.8	620
M897551		2.80	19.00	0.17	3.0	0.090	2.81	38.8	57.6	0.20	618	2.21	0.39	11.0	5.2	1010



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Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155849**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M895142		27.7	95.9	<0.002	0.04	5.63	11.5	1	1.9	310	0.66	0.05	11.5	0.278	1.17	2.4
M895143		446	164.0	<0.002	0.04	12.75	11.6	1	4.5	52.3	0.62	0.76	12.9	0.249	2.37	2.8
M895144		27.0	117.5	0.002	0.01	7.23	11.9	1	2.1	118.0	0.70	<0.05	13.1	0.270	1.41	2.4
M895145		467	125.0	<0.002	0.04	12.05	12.2	1	2.1	76.5	0.61	0.20	15.0	0.264	1.89	4.0
M895146		25.3	131.5	0.002	0.03	8.02	11.5	1	1.9	75.9	0.62	<0.05	13.0	0.254	1.77	2.9
M895147		24.4	111.5	<0.002	0.01	2.85	11.4	<1	1.9	323	0.62	0.13	13.9	0.260	1.45	2.4
M895148		38.6	133.0	0.002	0.04	7.37	12.1	1	2.2	123.0	0.74	0.30	14.5	0.272	1.74	3.2
M895149		25.5	130.0	<0.002	0.01	9.19	12.5	1	2.3	89.1	0.77	0.06	14.8	0.291	1.51	2.5
M895150		23.8	101.0	<0.002	0.07	4.02	11.1	1	1.9	347	0.77	0.06	13.6	0.277	1.26	2.7
M895151		249	159.0	0.002	0.04	17.70	12.1	1	3.2	110.5	0.60	0.21	14.3	0.241	2.06	3.0
M895152		173.0	130.0	<0.002	0.04	10.35	11.2	1	2.1	87.9	0.67	0.07	15.9	0.260	2.34	2.9
M895153		29.5	127.5	<0.002	0.02	9.31	13.5	1	2.1	48.4	0.70	0.09	18.6	0.262	1.57	3.5
M895154		24.8	121.5	<0.002	0.02	15.90	13.8	1	2.1	43.5	0.67	0.49	18.7	0.274	1.54	3.4
M895155		25.1	166.0	<0.002	0.07	7.15	10.4	2	4.2	121.5	0.45	7.93	14.9	0.200	1.86	3.8
M895156		21.4	152.5	<0.002	0.03	9.23	14.6	2	2.8	89.3	0.71	0.23	18.1	0.272	1.73	3.4
M895157		22.2	148.0	<0.002	0.06	21.4	12.5	2	2.5	55.4	0.78	0.49	19.0	0.240	1.89	4.2
M895158		29.8	107.0	<0.002	0.02	5.27	13.6	1	2.3	260	0.70	0.26	14.2	0.317	1.16	2.9
M895159		17.8	136.5	<0.002	0.14	2.67	13.1	1	2.5	194.0	0.73	0.59	19.6	0.248	1.58	3.7
M895160		38.4	166.5	<0.002	0.10	4.60	14.6	2	3.3	167.5	0.82	0.48	19.7	0.270	1.79	4.2
M895161		23.9	110.0	<0.002	0.16	1.96	13.1	2	2.1	339	0.75	0.38	16.2	0.258	1.16	3.2
M895162		2600	156.5	0.002	4.55	93.7	8.6	2	8.6	87.3	0.48	0.83	12.3	0.171	2.40	6.1
M895163		34.0	123.5	<0.002	0.06	4.17	13.1	2	2.4	274	0.75	0.32	18.7	0.269	1.34	3.2
M895164		51.1	113.0	<0.002	0.04	3.81	14.0	2	2.3	282	0.77	0.30	17.6	0.305	1.26	3.7
M895165		43.0	135.0	0.002	0.04	5.20	12.6	2	2.7	245	0.72	0.32	16.9	0.267	1.52	3.5
M895166		2930	117.5	<0.002	0.21	19.60	12.8	2	3.4	110.5	0.62	0.20	15.1	0.244	2.28	4.6
M895167		45.3	135.5	<0.002	0.01	7.69	13.1	1	2.0	133.0	0.72	0.08	19.8	0.262	1.59	3.2
M895168		39.2	109.0	<0.002	0.01	4.64	12.9	1	2.0	168.5	0.74	0.10	17.6	0.267	1.39	2.7
M895169		1.9	2.8	<0.002	0.01	0.24	0.5	1	<0.2	47.9	<0.05	<0.05	0.2	0.005	0.02	1.0
M895170		111.5	138.5	<0.002	0.13	17.05	11.3	1	2.5	97.0	0.65	0.19	16.0	0.238	1.90	3.2
M895171		27.7	163.5	<0.002	0.07	8.98	13.1	1	2.9	190.0	0.76	0.32	21.2	0.264	1.86	3.4
M895172		55.6	203	<0.002	0.06	6.99	12.6	2	8.4	70.6	0.62	2.13	13.0	0.244	2.58	2.8
M895173		27.2	164.0	<0.002	0.09	10.20	12.8	2	2.9	175.5	0.73	0.52	19.2	0.270	2.02	4.6
M895174		40.8	149.5	<0.002	0.12	14.30	13.0	1	2.7	135.5	0.75	0.45	20.5	0.254	1.93	4.2
M895175		32.6	108.5	<0.002	0.05	11.30	12.7	1	2.3	135.0	0.79	0.20	18.7	0.268	1.49	3.8
M895176		81.4	147.5	<0.002	0.10	21.5	11.9	1	2.7	54.4	0.64	0.23	16.8	0.236	2.28	4.4
M897551		33.4	123.0	<0.002	0.02	7.26	9.1	1	2.2	84.9	0.86	0.10	16.7	0.305	1.59	6.0





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**CERTIFICATE OF ANALYSIS WH12155849**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895142		85	3.1	15.9	65	27.8
M895143		74	5.7	16.7	334	23.9
M895144		76	6.0	16.5	73	26.5
M895145		77	1.9	23.4	461	23.4
M895146		72	3.8	18.5	124	22.3
M895147		76	1.7	13.4	62	22.8
M895148		77	2.6	21.1	87	22.5
M895149		78	8.3	16.6	73	24.2
M895150		80	1.4	14.8	47	27.7
M895151		71	3.0	25.5	244	23.3
M895152		75	2.4	22.0	350	24.8
M895153		73	3.2	20.4	214	25.4
M895154		79	8.9	18.4	202	24.8
M895155		60	5.7	17.4	158	23.2
M895156		79	4.4	23.4	76	26.1
M895157		69	2.3	24.4	81	23.7
M895158		84	2.4	20.0	93	31.2
M895159		72	2.1	18.0	54	26.3
M895160		82	2.5	21.8	99	27.0
M895161		73	1.3	20.4	49	22.7
M895162		54	5.2	9.9	5140	24.6
M895163		75	1.3	18.5	65	23.0
M895164		85	1.7	22.0	96	28.8
M895165		73	1.5	21.0	79	23.0
M895166		68	5.0	30.3	1020	31.0
M895167		75	1.8	19.8	290	26.6
M895168		75	1.6	17.5	127	27.1
M895169		3	0.1	1.0	17	<0.5
M895170		69	2.4	22.6	141	23.5
M895171		75	1.8	19.9	71	28.7
M895172		75	7.5	14.3	50	24.5
M895173		75	2.1	21.3	60	26.5
M895174		72	3.7	21.4	77	25.4
M895175		72	1.6	18.2	82	26.7
M895176		69	4.2	18.3	134	26.5
M897551		62	1.5	16.8	98	95.5



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**CERTIFICATE OF ANALYSIS WH12155849**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12155870**

Project: Klaza TR-12-2

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155870**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897552		4.39	0.006	0.37	8.28	20.7	2470	1.89	0.36	0.45	1.20	91.0	5.1	15	21.6	15.1
M897553		4.30	0.006	0.28	8.36	12.2	2070	2.24	0.26	0.41	1.09	88.4	5.0	14	28.0	10.0
M897554		6.85	0.006	0.30	8.54	12.3	1790	2.03	0.22	0.44	3.57	87.2	4.6	12	30.0	7.5
M897555		4.90	<0.005	0.12	8.09	9.4	1430	2.02	0.13	0.56	1.02	92.3	4.7	11	24.1	4.3
M897556		5.38	<0.005	0.15	8.65	10.4	1620	2.29	0.13	0.45	0.48	87.8	4.5	12	29.0	6.2
M897557		6.57	<0.005	0.16	8.30	11.7	1990	2.16	0.13	0.81	0.30	92.3	5.1	13	44.8	6.5
M897558		3.45	0.073	1.15	8.62	51.7	2150	2.00	1.05	0.47	1.67	63.3	6.7	14	40.3	21.6
M897559		4.31	0.312	1.08	8.37	45.4	1970	2.02	1.09	0.45	1.95	67.6	5.6	12	31.9	18.2
M897560		3.46	0.511	1.64	7.91	78.9	4280	1.78	2.07	0.36	4.39	55.9	8.3	12	38.2	21.0
M897561		4.09	0.012	0.32	8.41	15.6	2200	1.62	1.37	0.58	0.85	64.3	5.2	13	23.2	8.9
M897562		3.04	0.025	0.64	7.60	23.5	4570	1.43	1.40	1.02	1.48	52.7	5.7	10	38.0	30.2
M897563		7.11	0.042	0.93	7.94	30.8	3900	1.69	0.88	0.49	2.40	65.0	5.5	11	21.1	38.7
M897564		3.56	0.025	1.67	7.97	38.0	3070	1.62	1.04	0.64	4.51	59.9	6.7	12	22.5	25.7
M897565		5.10	0.178	4.63	7.76	83.9	2550	1.49	1.78	0.23	4.06	64.4	4.3	14	24.1	19.5
M897566		4.11	<0.005	0.15	6.69	12.1	1150	1.66	0.16	2.90	1.70	50.2	4.5	13	22.3	3.8
M897567		5.63	0.021	0.41	8.55	20.9	1720	2.05	0.24	0.77	7.09	85.8	4.6	15	30.7	9.4
M897568		3.53	0.106	1.56	8.30	66.5	1970	1.86	0.63	0.38	9.46	85.3	5.4	17	25.4	37.9
M897569		0.26	2.31	25.1	5.86	3210	1510	1.20	20.8	2.18	76.3	47.0	9.7	19	13.75	425
M897570		3.12	1.005	19.30	6.84	433	2820	1.26	6.30	0.27	8.74	55.1	2.0	16	15.10	31.6
M897571		5.00	0.112	4.33	7.76	164.0	1880	1.50	2.13	0.37	7.18	65.0	1.9	12	17.75	86.7
M897572		3.21	0.123	8.14	6.97	154.5	1610	1.38	2.44	0.65	6.85	61.8	5.2	23	9.96	47.2
M897573		3.84	<0.005	0.05	0.10	5	30	0.09	0.04	20.2	0.09	1.34	0.6	1	0.25	2.8
M897574		5.07	0.220	16.80	7.37	133.0	2160	1.75	3.01	0.67	15.80	72.3	10.8	19	13.50	74.4
M897575		6.00	0.343	11.85	7.47	153.0	1820	1.43	3.51	0.66	14.50	71.7	9.3	19	12.65	64.1
M897576		6.51	0.066	2.91	7.68	72.6	2210	1.57	2.62	0.88	5.39	60.3	8.8	17	9.16	50.9
M897577		6.48	0.548	12.35	6.42	306	2430	1.84	3.23	0.60	18.50	55.8	7.1	20	15.00	114.5
M897578		6.43	0.044	1.30	7.42	52.7	1620	1.44	1.24	0.87	8.42	60.2	11.0	24	6.99	53.7
M897579		4.50	0.243	5.91	7.10	162.5	1980	1.63	2.57	0.75	8.07	67.2	8.6	22	8.70	65.4
M897580		4.40	0.053	1.29	7.52	45.1	1880	1.40	2.39	0.77	3.88	54.8	8.0	22	9.24	71.0
M897581		5.80	0.043	1.16	7.35	48.1	1490	1.39	0.86	1.38	2.83	54.4	11.4	37	9.12	33.2
M897582		5.46	0.062	0.98	7.66	68.0	1810	1.57	1.42	1.32	3.76	61.9	22.7	29	13.65	41.2
M897583		4.41	0.093	1.01	7.77	58.3	2080	1.61	1.88	0.86	6.10	63.9	22.4	21	14.35	51.1
M897584		5.81	0.110	1.97	8.03	113.0	1910	1.64	2.30	0.74	9.54	66.9	18.4	20	18.80	88.2
M897585		4.29	0.050	2.19	8.20	122.0	2410	1.82	1.85	0.42	9.65	65.0	19.7	16	21.8	77.7
M897586		4.78	0.127	2.40	7.70	127.0	1740	1.45	1.78	1.06	4.85	61.0	15.5	25	12.65	72.0
M897587		3.77	0.046	0.82	7.98	39.6	2000	1.70	2.58	0.48	3.44	61.9	23.9	18	17.50	81.8



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Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155870**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897552		2.77	20.4	0.17	3.2	0.050	2.54	48.5	42.4	0.25	566	1.97	0.82	11.3	6.6	1070
M897553		2.84	21.1	0.17	2.8	0.039	2.60	46.5	29.1	0.25	550	1.46	1.38	11.0	6.0	1110
M897554		2.85	21.1	0.19	2.2	0.042	2.61	47.3	36.2	0.25	572	1.09	1.32	10.2	5.1	1120
M897555		2.72	20.0	0.16	2.2	0.035	2.49	46.5	23.0	0.23	564	0.91	1.51	10.2	4.7	1080
M897556		2.81	21.1	0.17	2.2	0.039	2.50	45.5	27.9	0.23	559	0.90	1.69	10.4	4.6	1130
M897557		2.76	21.4	0.19	2.8	0.036	2.61	45.5	29.6	0.23	553	1.55	1.85	11.5	5.7	1090
M897558		3.25	19.25	0.15	1.8	0.110	3.50	31.7	85.0	0.27	1320	5.31	1.04	8.7	5.0	730
M897559		3.06	19.35	0.13	1.6	0.096	3.32	35.0	83.8	0.25	1330	2.68	1.28	9.0	4.9	710
M897560		3.85	16.85	0.14	1.1	0.155	3.55	30.3	35.6	0.28	1250	2.68	0.38	7.2	4.2	620
M897561		3.62	18.35	0.14	1.2	0.133	2.76	33.9	42.0	0.18	578	1.76	1.58	8.5	3.8	730
M897562		3.37	16.75	0.13	1.1	0.141	2.75	27.5	78.5	0.21	1020	2.42	0.24	7.1	3.7	560
M897563		3.17	17.40	0.18	1.4	0.100	3.33	32.9	72.0	0.23	1080	1.66	0.95	7.9	3.6	620
M897564		3.94	17.70	0.15	1.2	0.125	2.99	33.4	60.5	0.25	1140	2.11	1.14	7.8	4.1	660
M897565		3.10	17.25	0.12	1.4	0.208	2.99	35.8	34.8	0.29	596	3.61	0.31	8.3	3.9	460
M897566		2.63	18.50	0.14	2.7	0.032	2.35	23.1	21.7	0.21	591	1.11	1.42	10.5	5.0	980
M897567		2.87	20.9	0.18	2.9	0.065	2.63	44.4	26.7	0.27	615	1.20	1.33	11.2	6.3	1130
M897568		4.23	19.80	0.17	3.5	0.606	2.76	44.3	39.8	0.25	465	4.51	0.24	11.1	6.3	1180
M897569		6.70	13.75	0.13	1.0	1.595	2.53	24.6	23.1	0.91	1830	12.50	0.04	5.5	14.9	430
M897570		5.86	15.90	0.14	1.2	0.815	2.98	37.4	17.8	0.36	223	7.93	0.24	6.0	3.4	590
M897571		4.64	17.60	0.16	1.2	0.555	3.33	39.9	20.4	0.30	188	2.74	0.71	7.5	3.1	630
M897572		3.93	15.90	0.10	1.3	0.389	2.80	36.1	16.5	0.45	448	3.63	0.72	7.4	5.8	520
M897573		0.48	0.24	<0.05	<0.1	0.008	0.04	0.7	1.4	12.00	213	0.10	0.01	0.2	1.9	170
M897574		4.79	17.55	0.09	2.3	0.533	2.54	40.5	30.1	0.38	1130	3.71	0.62	8.8	7.7	880
M897575		4.68	18.55	0.12	1.8	0.518	2.70	41.2	25.7	0.41	1040	4.64	0.70	8.3	7.7	760
M897576		4.50	17.75	0.12	1.0	0.223	3.21	36.0	26.9	0.50	491	5.06	1.25	7.6	5.5	620
M897577		5.84	14.75	0.10	1.3	3.27	2.20	30.5	29.0	0.38	1540	5.41	0.63	6.6	7.6	580
M897578		3.47	16.15	0.09	1.2	0.207	2.37	31.2	26.7	0.46	1410	1.84	0.96	7.7	8.6	610
M897579		4.53	15.75	0.13	1.2	0.816	2.41	36.8	25.1	0.43	707	4.83	0.88	7.7	7.8	540
M897580		4.05	18.80	0.13	1.3	0.177	2.79	33.8	13.4	0.40	395	3.51	1.20	9.2	7.7	620
M897581		3.32	17.65	0.12	1.5	0.129	2.06	32.2	14.0	0.66	694	1.70	1.63	9.2	13.7	640
M897582		3.80	18.80	0.13	1.4	0.212	2.34	36.6	14.8	0.67	802	2.31	1.72	9.7	11.8	650
M897583		4.07	19.40	0.14	1.5	0.200	2.66	35.2	14.7	0.61	999	2.52	1.55	9.1	8.8	740
M897584		4.72	20.2	0.15	1.5	0.427	2.86	39.5	15.4	0.47	1130	3.94	1.26	9.6	8.2	770
M897585		4.43	22.0	0.16	1.2	0.368	3.13	41.0	15.9	0.32	1400	4.60	0.73	9.4	6.9	710
M897586		3.94	18.95	0.13	1.2	0.365	2.76	37.3	10.4	0.57	936	4.72	1.28	8.6	8.8	600
M897587		3.78	22.3	0.15	1.2	0.282	2.82	37.4	15.2	0.44	790	6.98	1.16	9.5	7.0	670



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Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155870**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897552		37.2	127.0	<0.002	0.04	5.35	6.7	1	2.0	122.5	0.80	<0.05	14.4	0.303	1.41	5.1
M897553		21.9	131.0	<0.002	0.03	3.37	7.0	1	1.6	158.5	0.79	<0.05	14.6	0.289	1.34	4.4
M897554		30.3	127.5	<0.002	0.02	2.71	6.8	2	1.8	156.0	0.74	<0.05	14.7	0.265	1.28	3.6
M897555		19.2	122.0	<0.002	0.01	1.97	6.1	1	1.8	174.0	0.72	<0.05	13.9	0.263	1.18	3.6
M897556		22.3	121.5	<0.002	0.01	1.99	6.8	2	1.5	219	0.76	<0.05	14.2	0.267	1.12	3.5
M897557		25.1	130.5	<0.002	0.02	1.97	7.1	1	1.5	258	0.77	<0.05	13.9	0.287	1.13	3.9
M897558		73.5	171.5	0.002	0.05	4.87	11.7	1	2.4	157.0	0.70	0.06	17.1	0.284	1.94	4.3
M897559		60.9	177.5	<0.002	0.07	4.89	11.8	1	2.3	192.0	0.76	0.08	18.7	0.273	2.32	3.6
M897560		111.5	189.5	<0.002	0.14	5.80	11.2	<1	2.7	113.5	0.64	0.24	16.1	0.258	2.52	3.2
M897561		20.9	133.0	<0.002	0.03	2.39	12.2	1	2.2	217	0.75	<0.05	17.5	0.292	1.43	3.3
M897562		42.9	151.5	<0.002	0.10	3.51	10.6	2	2.5	153.0	0.58	0.11	14.5	0.237	1.61	3.1
M897563		49.3	179.0	0.002	0.10	4.03	10.5	1	2.7	171.5	0.77	0.06	18.4	0.250	2.01	3.3
M897564		82.9	158.5	<0.002	0.08	4.16	11.1	1	4.1	193.5	0.70	0.08	18.5	0.253	1.51	3.2
M897565		636	191.5	<0.002	0.10	9.77	10.7	<1	3.8	77.4	0.65	0.15	13.2	0.254	2.33	2.7
M897566		23.8	88.6	<0.002	0.01	2.72	4.6	1	1.4	256	0.74	<0.05	8.1	0.278	1.09	2.7
M897567		38.6	123.0	<0.002	0.02	3.55	7.0	1	2.0	191.0	0.80	<0.05	13.9	0.298	1.30	4.5
M897568		239	125.5	<0.002	0.10	5.21	7.0	1	2.3	86.3	0.75	0.05	14.4	0.313	1.37	6.3
M897569		2740	166.5	0.003	4.73	90.9	7.6	1	7.8	87.2	0.45	0.39	11.8	0.178	2.29	5.7
M897570		1605	187.5	<0.002	0.48	21.3	9.3	2	6.0	103.5	0.54	1.84	11.9	0.220	2.34	4.0
M897571		435	210	<0.002	0.32	14.10	11.8	1	4.0	145.5	0.67	0.56	20.2	0.252	2.26	5.3
M897572		830	164.5	0.003	0.15	12.60	10.4	1	4.9	142.5	0.70	0.69	12.0	0.273	2.08	3.7
M897573		3.4	1.9	<0.002	<0.01	0.13	0.3	<1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M897574		2100	131.5	0.002	0.39	13.80	8.9	1	3.4	167.0	0.68	0.75	13.8	0.285	1.68	5.4
M897575		1060	151.5	0.003	0.26	14.50	10.1	2	3.9	158.5	0.64	1.10	13.5	0.284	1.82	4.9
M897576		110.5	173.0	0.002	0.51	6.34	11.7	1	2.9	256	0.63	0.78	14.8	0.272	2.13	3.6
M897577		1540	137.0	<0.002	0.15	17.05	9.8	1	4.5	156.0	0.56	0.55	11.3	0.240	1.63	4.8
M897578		238	113.0	0.002	0.04	7.84	10.8	1	2.3	186.0	0.66	0.20	13.5	0.301	1.44	3.4
M897579		658	134.0	<0.002	0.08	9.87	11.1	1	3.6	173.0	0.61	0.38	13.3	0.279	1.71	4.4
M897580		75.8	134.0	0.002	0.08	6.20	10.4	1	2.7	204	0.69	0.40	16.3	0.280	1.51	4.0
M897581		99.6	89.9	0.002	0.01	4.13	10.9	1	2.3	283	0.64	0.11	12.2	0.318	0.92	2.7
M897582		94.4	107.0	0.002	0.03	4.10	12.0	1	2.4	292	0.67	0.27	14.4	0.310	1.11	3.3
M897583		83.4	127.5	0.002	0.04	5.11	11.8	1	2.5	252	0.68	0.28	16.7	0.286	1.42	3.6
M897584		322	138.5	0.002	0.03	6.94	12.2	1	3.3	218	0.67	0.30	17.9	0.294	1.69	4.8
M897585		316	166.5	0.002	0.05	8.64	12.4	1	3.3	139.0	0.69	0.22	18.5	0.273	2.26	4.9
M897586		237	139.5	0.003	0.04	8.43	10.8	1	3.2	230	0.63	0.25	16.9	0.279	1.72	4.1
M897587		50.8	142.0	0.002	0.03	5.59	12.8	1	2.9	159.5	0.68	0.48	18.4	0.262	1.75	4.2



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**CERTIFICATE OF ANALYSIS WH12155870**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897552		54	1.5	16.8	142	100.5
M897553		53	1.0	15.8	142	91.3
M897554		49	1.0	15.6	279	57.6
M897555		46	1.3	15.4	144	63.4
M897556		50	1.1	16.8	120	60.2
M897557		51	1.2	16.5	101	89.7
M897558		76	4.8	19.3	200	48.5
M897559		74	4.6	18.9	154	41.5
M897560		75	3.2	19.4	311	24.8
M897561		80	2.0	19.5	103	25.9
M897562		68	2.5	19.5	128	25.7
M897563		69	4.4	16.3	134	29.9
M897564		74	1.9	17.1	228	28.2
M897565		69	3.8	11.7	465	36.3
M897566		48	1.1	10.3	167	83.0
M897567		56	1.4	15.7	849	95.8
M897568		58	1.9	15.7	1800	126.5
M897569		55	5.2	10.0	5130	25.4
M897570		73	5.4	12.7	658	32.1
M897571		75	2.9	16.2	1030	27.6
M897572		84	4.0	15.0	655	27.7
M897573		1	0.1	0.8	17	<0.5
M897574		74	2.7	17.4	1220	66.9
M897575		78	3.3	16.3	1000	52.8
M897576		81	2.3	16.4	416	23.1
M897577		69	3.4	14.5	1860	31.4
M897578		80	2.8	15.3	662	26.7
M897579		77	3.2	16.2	939	27.6
M897580		76	2.2	18.5	485	33.5
M897581		88	2.1	19.8	201	40.9
M897582		86	2.7	24.0	259	36.5
M897583		86	3.1	21.6	500	40.3
M897584		87	2.7	24.4	980	37.5
M897585		82	2.8	25.2	1060	27.2
M897586		80	3.3	22.3	457	32.6
M897587		78	3.9	26.2	369	29.0



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1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Project: Klaza TR-12-2

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 29-JUL-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12155870**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12155871**

Project: Klaza TR-12-2

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
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Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155871**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
M897588		5.76	0.083		0.76	7.72	45.3	1850	1.38	1.77	1.28	1.22	59.7	18.1	28	9.79
M897589		5.33	0.051		0.88	7.47	46.6	1630	1.80	1.20	1.38	1.09	68.1	11.9	30	9.05
M897590		5.91	0.034		0.97	7.63	34.2	2000	1.64	0.97	1.40	0.62	58.4	7.9	22	5.95
M897591		6.29	0.066		1.08	6.97	72.7	1880	1.57	1.03	1.25	1.18	61.7	8.1	28	5.90
M897592		5.37	0.089		0.98	7.37	59.8	1810	1.68	0.88	1.50	1.01	57.0	9.6	24	4.80
M897593		0.25	2.27		26.3	5.69	3270	1510	1.36	16.85	2.13	72.7	48.6	10.4	18	14.55
M897594		4.20	0.146		2.26	7.57	134.5	2410	2.10	1.48	0.41	8.83	65.3	34.8	14	22.2
M897595		4.56	0.068		0.77	7.34	93.0	2010	1.98	0.66	0.92	2.57	61.6	9.7	16	9.52
M897596		4.07	0.646		2.65	7.28	1760	1540	2.21	0.72	0.40	5.33	54.6	6.9	14	15.70
M897597		3.03	0.075		1.47	7.39	234	2000	2.05	0.65	0.75	2.49	52.0	8.9	17	11.45
M897598		4.04	0.054		0.97	7.84	93.1	2230	2.11	0.98	0.41	4.13	53.1	7.6	12	19.25
M897599		4.48	0.062		0.99	8.32	84.8	2110	1.65	2.71	0.36	4.20	57.6	11.0	13	19.35
M897600		4.09	0.189		1.79	8.07	301	2150	1.62	1.85	0.85	5.07	55.9	7.3	15	13.25
M897601		3.83	0.131		1.80	8.01	159.0	2020	1.56	2.36	0.96	4.08	57.2	8.2	25	11.00
M897602		3.64	0.080		1.60	7.97	113.0	1910	1.54	1.86	1.16	3.40	59.9	7.1	21	9.30
M897603		4.30	0.154		2.09	7.88	317	1940	1.60	1.03	0.39	8.46	48.4	6.5	15	22.3
M897604		3.74	0.138		2.08	7.63	188.5	1730	1.58	1.26	0.98	5.75	57.1	7.7	23	12.15
M897605		3.49	0.104		1.39	8.38	105.0	2060	1.50	0.96	0.41	4.94	49.3	5.7	16	15.35
M897606		4.37	0.111		1.29	8.01	113.5	1950	1.55	1.34	1.32	2.99	55.3	8.6	21	8.23
M897607		4.10	0.151		2.74	8.39	251	1860	1.89	2.11	0.55	7.22	57.1	11.0	19	20.3
M897608		4.06	0.765		3.62	7.57	1165	1720	1.64	2.59	1.13	8.07	56.0	9.1	22	8.29
M897609		3.39	0.206		2.46	8.12	258	2060	1.70	3.40	1.05	3.23	54.3	12.9	18	11.55
M897610		4.40	0.164		1.61	8.02	274	1860	1.72	2.34	1.06	3.79	65.7	18.7	21	10.20
M897611		3.51	0.262		3.45	7.51	349	1910	1.49	2.40	1.32	3.38	55.6	13.7	27	6.41
M897612		3.40	0.391		4.04	7.79	807	2350	1.38	3.36	0.42	7.54	47.4	15.6	16	9.95
M897613		4.54	0.604		4.50	7.48	716	2270	1.62	3.34	0.60	9.71	56.4	22.3	17	8.04
M897614		3.62	0.544		9.70	7.84	1035	1740	1.52	4.67	0.55	5.70	56.1	9.3	14	12.55
M897615		4.61	>10.0	10.85	93.6	7.38	8500	1510	1.19	54.0	0.21	12.40	46.6	1.7	13	18.20
M897616		4.11	0.006		0.23	0.11	8	20	0.09	0.14	20.3	0.09	1.15	0.8	2	0.34
M897617		3.67	0.231		2.64	8.10	1550	1740	1.89	3.06	0.68	15.65	60.9	9.4	18	12.40
M897618		4.58	0.091		0.85	7.45	112.0	1830	1.61	2.17	1.20	3.24	54.7	10.7	22	7.33
M897619		3.14	0.197		1.34	7.74	300	2110	1.46	4.14	0.72	4.82	60.1	11.1	19	11.40
M897620		4.28	0.105		0.73	8.13	242	2270	1.50	2.30	0.70	3.29	64.0	11.3	17	12.45
M897621		5.04	0.221		1.93	8.09	615	2480	1.89	5.06	0.54	6.43	71.3	14.3	16	13.60
M897622		5.40	0.490		3.06	8.30	921	1800	1.57	5.09	0.34	7.18	64.8	12.1	15	15.70
M897623		6.16	0.122		1.42	8.54	183.5	1970	1.44	2.09	0.30	2.70	59.2	7.7	14	26.2



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Finalized Date: 29-JUL-2012  
Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155871**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M897588		43.5	3.91	19.35	0.18	1.3	0.218	2.48	34.8	15.8	0.84	736	4.57	1.88	9.5	11.4
M897589		37.8	3.61	16.80	0.13	1.2	0.187	2.28	39.0	18.3	0.78	965	5.08	1.67	9.0	10.4
M897590		24.7	3.43	16.55	0.14	1.1	0.156	2.50	31.0	15.2	0.79	582	2.84	2.03	9.3	6.9
M897591		25.9	3.16	15.55	0.15	1.1	0.216	2.55	31.4	14.7	0.73	648	2.43	1.52	8.7	7.7
M897592		21.6	3.36	15.75	0.15	1.0	0.154	2.40	30.4	15.1	0.77	586	2.20	1.91	8.5	6.9
M897593		413	6.49	13.70	0.19	0.9	1.650	2.47	27.7	23.3	0.87	1820	13.20	0.05	6.2	14.2
M897594		66.3	4.43	17.60	0.19	1.1	0.294	3.12	39.7	17.7	0.39	1380	5.42	0.74	8.5	5.1
M897595		31.6	3.07	16.35	0.15	1.1	0.132	2.82	32.4	19.5	0.50	687	1.82	1.54	8.3	4.9
M897596		30.6	3.89	16.90	0.17	1.2	0.120	3.21	33.9	19.1	0.34	1150	2.77	0.42	7.8	3.4
M897597		21.2	3.62	16.80	0.16	1.1	0.134	2.75	27.4	20.2	0.67	743	1.96	1.32	9.0	5.0
M897598		26.8	3.67	17.95	0.16	0.9	0.134	2.66	27.2	26.9	0.33	888	2.70	1.04	8.6	4.2
M897599		29.0	3.71	18.15	0.14	1.0	0.158	2.91	33.9	17.3	0.19	649	3.28	1.14	8.3	4.2
M897600		46.0	3.88	17.90	0.16	1.0	0.185	2.92	32.6	17.0	0.41	588	3.30	1.40	7.8	4.9
M897601		43.7	3.73	17.10	0.14	1.0	0.212	2.74	32.7	17.1	0.63	666	2.26	1.71	8.2	6.9
M897602		25.5	3.36	17.40	0.13	1.1	0.155	2.53	32.2	16.2	0.60	619	2.04	1.76	8.5	7.6
M897603		30.7	3.71	17.00	0.12	1.1	0.154	2.87	26.6	14.0	0.24	684	3.90	1.11	7.6	4.6
M897604		36.5	3.57	15.90	0.13	1.2	0.146	2.56	31.9	14.9	0.46	661	2.55	1.40	8.1	7.5
M897605		43.9	3.39	17.15	0.10	1.1	0.149	2.74	26.1	24.4	0.38	549	2.58	1.05	8.3	4.5
M897606		42.6	3.51	16.20	0.15	1.2	0.149	2.48	28.0	14.3	0.67	630	2.93	1.83	8.2	7.5
M897607		89.9	4.27	17.60	0.15	1.0	0.233	2.59	35.9	19.6	0.34	872	3.17	0.97	7.8	5.8
M897608		85.0	3.60	16.25	0.13	1.0	0.183	2.51	33.7	15.8	0.59	668	2.65	1.56	8.4	7.6
M897609		117.5	4.02	17.00	0.14	0.9	0.209	2.60	27.9	18.9	0.88	725	3.52	1.27	8.1	6.3
M897610		94.6	3.61	16.45	0.15	1.1	0.199	2.45	34.5	17.0	0.58	790	3.30	1.71	8.4	6.9
M897611		79.5	3.66	15.40	0.13	1.1	0.176	2.46	30.4	14.9	0.68	624	2.19	1.69	8.2	8.0
M897612		97.1	4.85	16.45	0.12	1.0	0.196	3.26	30.5	16.8	0.46	390	3.76	1.06	6.8	4.0
M897613		104.0	4.11	16.10	0.14	1.1	0.249	3.09	33.2	12.8	0.50	672	4.80	1.18	7.5	5.1
M897614		272	4.35	16.30	0.13	1.0	0.419	2.76	31.1	17.0	0.39	393	3.66	1.22	7.9	3.6
M897615		299	4.77	16.15	0.10	1.0	1.105	3.07	29.7	18.9	0.25	143	3.01	0.42	7.5	2.1
M897616		3.7	0.47	0.31	0.06	<0.1	0.005	0.04	0.6	1.4	12.05	210	0.13	0.01	0.1	2.1
M897617		218	4.57	17.35	0.17	1.2	0.278	3.07	38.5	14.6	0.38	584	2.19	1.15	8.4	5.3
M897618		39.0	3.32	15.65	0.12	1.2	0.143	2.48	28.9	13.9	0.63	605	1.50	1.68	8.2	7.6
M897619		53.8	4.15	16.05	0.12	1.3	0.171	2.67	32.3	18.7	0.36	773	2.32	1.13	8.6	6.1
M897620		53.1	3.57	19.80	0.20	1.2	0.164	2.79	35.0	19.3	0.36	651	2.54	1.58	9.4	5.4
M897621		101.0	4.60	18.90	0.18	1.3	0.231	2.84	43.0	20.8	0.29	765	2.72	0.94	10.2	6.6
M897622		115.0	4.97	21.6	0.19	1.2	0.228	3.01	37.9	19.6	0.29	845	2.75	0.49	9.0	7.1
M897623		52.4	4.61	20.4	0.18	1.1	0.192	2.98	33.8	18.4	0.23	972	1.69	0.31	9.1	4.4



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**CERTIFICATE OF ANALYSIS WH12155871**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.2	% 0.005
M897588		670	58.6	132.0	<0.002	0.05	4.09	15.3	1	2.4	276	0.79	0.40	14.8	0.327
M897589		630	57.7	129.5	<0.002	0.03	3.88	13.1	<1	2.0	276	0.66	0.18	13.9	0.310
M897590		620	48.9	125.5	<0.002	0.05	2.93	11.7	<1	1.9	299	0.68	0.09	13.7	0.294
M897591		570	87.2	137.5	<0.002	0.04	3.83	11.1	<1	2.3	251	0.63	0.11	12.5	0.290
M897592		700	77.5	116.5	<0.002	0.05	3.54	11.5	<1	2.1	300	0.64	0.09	12.5	0.289
M897593		410	2640	168.0	<0.002	4.70	76.9	8.1	<1	7.2	87.1	0.45	0.35	10.8	0.173
M897594		650	409	190.0	<0.002	0.08	7.55	14.4	<1	2.8	106.0	0.67	0.26	17.3	0.247
M897595		600	94.3	148.5	<0.002	0.05	3.79	11.7	<1	1.9	227	0.64	0.09	15.7	0.257
M897596		530	345	205	<0.002	0.04	12.05	11.4	<1	6.3	76.3	0.65	<0.05	15.8	0.228
M897597		600	162.5	143.5	<0.002	0.03	4.59	12.5	<1	2.9	180.5	0.82	0.07	14.8	0.250
M897598		660	76.1	143.0	<0.002	0.04	6.50	13.8	<1	2.2	127.5	0.62	0.07	14.2	0.274
M897599		650	59.0	169.5	<0.002	0.07	7.75	12.5	2	2.8	140.0	0.72	0.22	17.0	0.272
M897600		650	166.5	172.0	<0.002	0.08	7.14	11.5	2	7.3	212	0.66	0.18	15.9	0.272
M897601		660	164.5	152.0	<0.002	0.06	5.69	12.0	1	3.1	246	0.68	0.19	14.9	0.297
M897602		660	130.0	140.0	<0.002	0.06	5.35	12.1	2	2.8	279	0.67	0.15	14.0	0.299
M897603		600	233	167.5	<0.002	0.03	7.46	12.0	1	3.7	138.0	0.66	<0.05	16.5	0.248
M897604		640	211	144.5	<0.002	0.03	7.37	11.2	1	3.6	229	0.66	0.07	13.9	0.289
M897605		720	122.0	143.0	<0.002	0.02	6.11	11.8	1	2.8	146.0	0.69	0.06	15.9	0.283
M897606		660	110.5	127.0	<0.002	0.05	4.86	11.2	1	2.4	305	0.71	0.08	13.6	0.299
M897607		670	189.5	157.0	<0.002	0.07	11.20	12.4	1	3.6	125.5	0.64	0.14	16.1	0.269
M897608		630	588	146.0	<0.002	0.07	12.50	11.5	2	4.1	262	0.65	0.16	13.1	0.285
M897609		640	142.5	136.5	<0.002	0.08	6.65	13.0	2	3.3	234	0.62	0.19	15.1	0.278
M897610		680	126.5	134.0	<0.002	0.08	7.01	11.7	2	2.9	276	0.70	0.23	15.8	0.304
M897611		610	255	125.5	<0.002	0.09	7.61	10.9	2	3.1	297	0.67	0.31	13.0	0.303
M897612		660	323	185.5	<0.002	0.13	11.05	11.0	1	5.7	168.5	0.58	0.68	14.7	0.252
M897613		660	396	183.0	<0.002	0.11	11.00	11.3	2	6.0	181.0	0.63	0.40	15.6	0.260
M897614		640	982	156.5	0.002	0.17	15.50	10.4	2	4.0	174.0	0.70	0.37	17.3	0.269
M897615		310	3880	182.5	<0.002	0.47	86.0	9.2	1	15.6	86.2	0.65	0.61	11.6	0.259
M897616		170	9.6	2.6	<0.002	0.02	0.34	0.3	1	0.2	36.7	<0.05	<0.05	<0.2	<0.005
M897617		670	311	174.5	<0.002	0.10	12.05	11.7	2	4.7	178.5	0.71	0.21	17.5	0.293
M897618		610	59.1	127.0	0.002	0.07	4.51	10.6	1	2.4	277	0.68	0.17	13.8	0.281
M897619		710	122.5	145.0	<0.002	0.08	8.41	10.9	1	3.7	187.5	0.77	0.37	16.4	0.295
M897620		730	58.4	151.5	<0.002	0.08	7.11	13.2	1	3.0	226	0.86	0.23	17.9	0.293
M897621		850	166.0	163.5	0.002	0.11	12.85	13.6	1	5.0	152.5	0.84	0.49	20.3	0.307
M897622		770	280	181.5	<0.002	0.12	17.05	12.9	1	8.0	75.2	0.76	0.36	19.2	0.279
M897623		740	97.3	169.0	<0.002	0.08	9.54	14.3	1	3.8	52.9	0.73	0.20	18.1	0.296



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 Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155871**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897588		3.8	88	3.1	23.2	164	34.4
M897589		3.6	85	3.2	22.2	127	33.0
M897590		3.6	80	5.8	16.5	86	30.3
M897591		3.3	75	2.4	16.3	123	29.5
M897592		3.4	78	2.0	15.6	112	28.5
M897593		5.7	54	5.1	9.9	5140	25.4
M897594		5.4	81	2.7	22.1	899	28.6
M897595		3.6	72	1.6	16.2	180	29.0
M897596		4.7	68	5.1	18.2	375	27.5
M897597		3.7	74	2.8	17.5	194	27.1
M897598		3.4	79	3.1	17.8	226	22.5
M897599		3.8	80	3.0	17.6	199	21.9
M897600		3.6	78	3.2	18.0	213	22.8
M897601		3.1	84	2.1	16.1	243	25.3
M897602		2.8	82	2.4	16.3	190	25.7
M897603		3.6	74	3.1	16.8	530	22.8
M897604		3.2	78	3.1	16.9	376	27.5
M897605		3.1	83	2.1	16.2	299	24.2
M897606		2.9	84	2.2	15.2	208	26.2
M897607		3.9	85	2.1	20.2	477	21.2
M897608		3.6	76	2.2	18.7	254	27.2
M897609		3.5	81	1.9	18.1	310	23.7
M897610		3.5	80	2.1	16.7	325	26.3
M897611		3.7	79	2.0	15.5	233	27.2
M897612		5.0	78	2.3	15.9	497	21.3
M897613		4.5	76	2.5	16.7	492	23.5
M897614		4.6	74	1.9	14.7	541	22.8
M897615		4.4	74	2.9	10.5	477	20.5
M897616		0.4	2	0.1	0.7	14	<0.5
M897617		6.4	79	3.1	19.7	731	26.8
M897618		3.3	74	1.8	15.5	264	27.9
M897619		3.8	78	2.4	15.6	298	27.9
M897620		4.3	77	4.4	17.2	202	29.6
M897621		5.6	78	3.5	21.3	400	34.0
M897622		6.3	76	3.1	18.6	431	29.9
M897623		4.1	79	4.7	17.4	216	27.8



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**CERTIFICATE OF ANALYSIS WH12155871**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12155872**

Project: Klaza TR-12-2

P.O. No.: Batch 7

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12155872**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897624		5.51	0.087	7.40	7.92	328	1650	1.86	7.14	0.31	8.72	63.9	10.5	8	21.5	141.5
M897625		5.47	0.174	1.99	7.73	265	1960	1.54	2.20	0.36	6.53	63.8	8.4	14	17.70	60.2
M897626		4.64	0.056	0.28	7.30	51.4	2210	1.46	1.49	1.18	1.64	62.1	9.3	19	8.21	30.0
M897627		5.21	0.046	0.43	7.72	64.6	2330	1.48	1.68	1.14	1.57	66.5	12.0	20	10.60	32.4
M897628		4.80	0.025	0.31	7.80	49.9	2370	1.43	1.46	1.08	1.64	66.0	10.2	18	8.47	30.2
M897629		5.98	0.066	0.30	8.30	35.1	2470	1.35	0.56	0.41	1.64	57.9	7.1	10	18.70	20.2
M897630		4.63	0.031	0.34	7.07	71.9	1820	1.43	1.65	1.46	2.58	58.9	9.8	17	8.99	31.3
M897631		0.24	2.41	27.0	6.04	3440	1140	1.30	21.5	2.21	77.7	47.2	10.3	16	14.70	422
M897632		6.30	1.765	1.28	7.44	386	1680	1.60	0.68	0.48	5.47	61.0	8.7	9	20.8	36.0
M897633		5.62	0.606	1.42	7.57	293	1590	1.83	1.31	0.19	8.28	59.5	10.3	9	24.4	39.5
M897634		4.74	0.049	0.59	8.10	72.3	2180	1.60	1.10	0.42	4.59	64.2	7.4	10	20.1	21.2
M897635		5.01	0.332	1.77	7.90	270	1580	1.95	2.66	0.24	9.86	69.2	9.2	12	23.2	52.4
M897636		6.52	0.116	2.10	7.54	154.0	1190	1.40	3.25	0.14	3.46	59.2	1.5	14	23.0	44.9
M897637		3.95	<0.005	0.05	0.09	5	20	0.05	0.01	20.9	0.13	1.42	0.7	1	0.34	1.7
M897638		6.10	0.318	3.33	6.42	345	6330	1.54	1.55	0.14	2.71	52.7	1.9	11	17.30	63.0
M897639		6.28	0.255	3.00	7.29	158.5	1310	1.59	4.11	0.30	5.21	49.0	8.5	13	14.65	68.5
M897640		3.95	0.038	0.51	7.55	97.0	2120	1.62	1.91	1.14	3.71	62.4	8.0	15	7.68	42.5
M897641		4.60	0.150	4.28	7.41	216	3020	1.75	2.94	0.17	17.50	53.5	7.6	12	18.70	108.5
M897642		4.91	0.221	6.55	6.58	171.5	2810	1.05	3.84	0.17	2.56	48.4	1.1	14	21.3	37.6
M897643		6.99	0.082	1.39	7.97	104.0	2800	2.05	1.49	0.23	27.6	66.4	12.5	10	31.7	60.4
M897644		5.28	0.091	0.83	8.13	105.0	1810	1.81	1.39	0.31	5.16	67.6	7.9	12	23.3	36.7
M897645		5.04	0.096	1.09	7.95	260	1760	1.62	7.96	0.55	5.97	62.2	8.2	13	15.45	64.7
M897646		6.07	0.557	5.48	7.75	1000	1640	1.25	11.15	0.26	4.98	82.5	4.7	17	20.2	74.0
M897647		5.93	0.738	9.81	7.87	926	1620	1.33	20.7	0.16	2.30	70.6	1.8	17	8.94	32.4
M897648		5.73	0.128	1.67	8.00	539	1550	1.67	3.60	0.15	3.20	55.3	7.8	15	17.70	67.4
M897649		6.19	0.143	2.60	7.44	276	1640	1.08	3.53	0.20	0.25	61.9	1.0	16	17.90	22.1
M897650		7.03	0.183	3.38	6.92	246	2430	1.09	2.04	0.15	0.13	56.7	0.8	11	16.05	33.8
M897651		4.24	1.380	6.49	6.34	465	1240	1.00	9.99	0.07	0.96	24.1	1.3	18	6.29	31.1
M897652		3.75	0.172	2.34	7.72	125.0	1500	0.96	7.55	0.04	0.25	14.80	1.0	16	6.02	12.4
M897653		4.57	0.106	1.33	7.85	106.5	2170	1.38	4.37	0.08	0.74	57.2	2.6	13	14.55	36.4
M897654		6.80	0.094	0.58	7.62	106.0	2450	1.69	2.34	0.69	2.46	67.3	10.0	15	12.35	76.4
M897655		4.70	0.027	0.93	7.76	79.3	2380	1.63	1.26	0.71	3.21	71.8	8.6	25	15.80	54.3
M897656		4.03	0.047	1.23	7.99	130.0	1580	1.78	0.85	0.26	4.77	60.4	6.3	14	23.4	45.1
M897657		4.87	0.095	1.00	7.94	232	2320	1.91	2.58	0.83	4.46	65.5	10.2	13	12.65	144.5
M897658		4.11	0.114	3.92	7.98	330	1780	2.08	2.86	0.29	8.40	67.7	10.1	14	21.4	424
M897659		4.67	0.074	0.72	7.61	298	2100	1.75	1.31	1.30	0.97	61.7	9.5	20	9.12	69.3





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Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155872**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897624		5.31	16.85	0.22	1.0	0.258	2.76	31.7	21.2	0.23	1850	3.04	0.43	7.6	3.9	650
M897625		4.53	16.30	0.19	1.2	0.205	2.94	33.8	17.6	0.27	971	2.57	0.34	8.0	4.0	620
M897626		3.20	14.75	0.17	1.2	0.107	2.46	27.9	14.6	0.56	681	1.84	1.85	7.9	5.7	630
M897627		3.80	16.00	0.19	1.1	0.122	2.65	31.6	15.4	0.75	603	1.80	1.97	8.3	6.1	650
M897628		3.48	15.55	0.17	1.2	0.105	2.66	30.6	17.8	0.69	749	1.44	1.87	8.3	6.3	680
M897629		3.25	17.15	0.17	1.1	0.077	2.81	23.0	22.6	0.28	748	1.24	0.51	8.2	3.0	680
M897630		3.38	14.40	0.16	1.1	0.106	2.46	26.8	13.6	0.53	829	1.81	1.72	8.0	6.3	620
M897631		6.60	13.05	0.20	0.9	1.705	2.57	22.9	21.8	0.91	1850	12.35	0.04	6.0	14.3	440
M897632		3.65	15.20	0.19	1.0	0.094	2.91	30.5	18.8	0.27	1660	2.97	0.73	7.7	3.9	610
M897633		4.57	15.65	0.18	1.0	0.167	3.15	32.1	14.9	0.30	2630	4.57	0.05	7.1	4.5	590
M897634		3.35	16.10	0.17	1.0	0.112	3.18	32.6	23.0	0.19	1060	2.87	1.19	8.0	3.7	650
M897635		3.86	18.40	0.16	1.1	0.164	3.21	38.0	15.1	0.26	2860	6.41	0.08	7.9	5.1	650
M897636		4.67	17.20	0.14	1.0	0.202	3.16	34.0	11.6	0.28	290	5.23	0.05	8.6	2.1	370
M897637		0.47	0.25	0.08	<0.1	0.011	0.04	1.2	1.4	12.75	212	0.11	0.01	0.1	2.0	170
M897638		4.90	14.70	0.13	0.9	0.220	2.68	29.7	16.4	0.24	485	4.86	0.05	7.3	2.2	620
M897639		3.91	16.85	0.12	1.0	0.193	2.94	24.9	13.7	0.29	1240	4.50	0.23	8.5	4.3	620
M897640		3.60	17.20	0.12	1.1	0.195	2.63	30.2	15.4	0.58	703	2.82	1.61	8.4	5.2	630
M897641		4.64	16.75	0.11	1.0	0.388	2.93	30.9	15.3	0.23	3120	7.22	0.13	7.3	5.1	560
M897642		3.89	14.85	0.11	0.9	0.328	2.65	27.9	17.8	0.23	280	4.29	0.05	7.4	1.3	410
M897643		3.59	18.15	0.13	1.1	0.189	3.07	37.6	17.3	0.22	5800	7.42	0.09	8.5	5.5	600
M897644		3.91	17.65	0.14	1.1	0.169	3.28	36.9	19.3	0.24	2380	2.89	0.41	8.2	3.9	670
M897645		3.68	17.05	0.11	1.2	0.194	3.09	33.0	14.6	0.31	2350	2.58	0.77	7.9	4.0	670
M897646		5.52	19.70	0.16	1.3	0.466	3.47	47.8	14.2	0.29	599	3.52	0.34	7.5	3.9	660
M897647		3.46	20.8	0.14	1.3	0.457	3.75	38.0	7.9	0.38	154	2.95	0.15	6.1	2.1	350
M897648		4.48	17.75	0.12	0.9	0.293	3.38	28.7	13.3	0.30	1010	2.85	0.08	6.2	3.2	650
M897649		4.57	18.05	0.12	1.0	0.199	3.04	32.3	13.8	0.29	109	2.68	0.07	6.2	1.1	620
M897650		6.29	17.00	0.13	0.8	0.157	2.85	29.6	13.5	0.27	67	4.19	0.05	6.2	1.0	440
M897651		5.83	17.75	0.12	0.9	0.214	2.89	14.2	10.2	0.27	87	5.02	0.08	4.6	2.2	280
M897652		2.47	23.2	0.09	1.2	0.129	3.52	7.8	6.3	0.30	79	3.13	0.07	7.0	1.1	110
M897653		3.46	20.9	0.12	1.3	0.157	3.18	32.3	21.6	0.28	128	3.02	0.09	7.5	2.3	400
M897654		4.06	17.60	0.12	1.0	0.203	2.96	34.9	16.5	0.38	894	3.33	1.24	7.8	4.6	660
M897655		4.38	18.35	0.13	1.0	0.159	2.89	36.8	15.9	0.44	868	2.52	1.24	8.5	3.9	670
M897656		6.96	19.05	0.12	0.9	0.198	3.05	32.7	24.6	0.23	1950	3.61	0.31	8.8	4.1	640
M897657		4.51	18.45	0.13	0.9	0.184	2.89	34.5	18.2	0.48	1060	3.10	1.24	8.0	4.4	720
M897658		5.91	19.50	0.16	1.0	0.354	3.05	38.0	19.4	0.29	3090	6.51	0.34	8.5	6.0	640
M897659		3.62	17.50	0.13	1.2	0.130	2.52	33.2	15.3	0.55	546	2.65	1.70	8.9	6.2	650



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**CERTIFICATE OF ANALYSIS WH12155872**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897624		1025	143.0	<0.002	0.10	17.30	13.1	1	3.7	72.9	0.61	0.27	17.6	0.244	2.00	7.0
M897625		345	164.5	<0.002	0.07	13.40	12.5	1	4.6	68.9	0.72	0.22	17.5	0.258	1.99	5.0
M897626		40.8	113.0	<0.002	0.05	3.38	11.3	1	2.1	286	0.73	0.18	15.2	0.278	1.34	3.6
M897627		37.3	124.5	<0.002	0.11	2.77	12.7	1	2.6	294	0.67	0.24	15.8	0.295	1.44	3.9
M897628		31.4	125.0	<0.002	0.09	2.89	12.1	1	2.2	286	0.69	0.27	15.0	0.302	1.47	3.3
M897629		26.0	124.5	<0.002	0.02	6.01	12.5	1	2.0	86.6	0.68	0.09	17.1	0.284	1.38	2.9
M897630		32.4	111.0	<0.002	0.03	3.68	10.9	1	2.0	273	0.68	0.17	13.8	0.289	1.33	3.5
M897631		2690	157.0	<0.002	4.74	92.7	8.3	2	8.4	88.1	0.47	0.50	11.8	0.179	2.25	5.8
M897632		41.4	153.0	<0.002	0.03	7.83	11.6	1	1.8	117.5	0.64	0.09	16.6	0.257	2.58	4.3
M897633		72.0	199.0	<0.002	0.05	9.20	12.9	1	2.4	31.9	0.63	0.18	16.7	0.244	3.58	6.3
M897634		27.6	149.5	<0.002	0.03	5.18	12.2	1	2.1	169.0	0.67	0.10	17.8	0.263	2.13	4.7
M897635		107.5	184.5	0.003	0.06	9.37	13.7	1	2.4	28.5	0.56	0.20	16.6	0.272	3.60	5.5
M897636		84.6	220	<0.002	0.35	9.34	11.5	1	4.0	29.1	0.63	0.36	12.3	0.277	4.12	5.4
M897637		1.4	2.6	<0.002	0.01	0.05	0.3	<1	0.2	39.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M897638		224	185.0	<0.002	0.37	15.95	11.6	1	2.8	109.0	0.55	0.16	14.4	0.235	3.59	6.0
M897639		109.0	153.5	<0.002	0.10	12.80	13.0	1	2.6	55.8	0.65	0.26	13.8	0.276	3.77	5.6
M897640		63.3	130.0	<0.002	0.05	3.99	12.4	1	2.2	275	0.67	0.15	15.4	0.277	1.84	3.2
M897641		927	179.5	<0.002	0.15	15.10	12.8	2	3.0	61.8	0.58	0.30	15.1	0.244	3.17	7.0
M897642		883	178.5	0.002	0.59	18.55	9.4	1	2.8	79.1	0.55	0.39	12.6	0.251	3.70	4.2
M897643		61.7	175.0	0.002	0.09	8.61	13.9	1	2.1	47.3	0.63	0.17	17.0	0.279	3.08	7.9
M897644		68.0	163.5	<0.002	0.04	6.32	13.0	1	2.1	86.0	0.63	0.16	18.0	0.281	3.24	6.4
M897645		62.6	166.5	<0.002	0.06	5.88	12.7	1	2.1	127.0	0.60	0.19	16.5	0.274	2.86	5.8
M897646		207	187.0	<0.002	0.77	9.57	12.9	1	5.1	113.5	0.59	1.21	23.6	0.246	2.93	7.9
M897647		535	190.0	0.002	0.43	8.47	12.9	<1	9.4	52.5	0.51	1.47	13.6	0.208	2.75	4.4
M897648		67.6	217	<0.002	0.08	8.56	12.5	<1	3.7	39.7	0.46	0.97	13.8	0.228	3.08	7.1
M897649		91.2	180.5	<0.002	0.81	11.85	10.5	1	5.3	94.9	0.47	0.59	16.8	0.222	3.10	2.4
M897650		72.9	212	<0.002	0.54	14.90	9.0	1	2.6	64.8	0.44	0.74	10.7	0.194	3.62	2.0
M897651		456	144.5	0.003	0.22	12.55	10.2	1	8.2	23.8	0.34	0.67	7.2	0.157	2.13	2.4
M897652		162.5	156.0	<0.002	0.09	3.29	12.6	1	12.4	13.1	0.58	0.37	4.5	0.223	2.23	1.5
M897653		89.7	156.5	<0.002	0.19	6.12	12.6	1	6.6	58.4	0.63	0.46	16.2	0.231	2.53	3.7
M897654		35.3	187.5	<0.002	0.07	5.41	13.5	1	3.0	212	0.53	0.48	14.8	0.268	2.47	4.2
M897655		63.8	152.0	<0.002	0.05	6.11	13.8	<1	3.2	209	0.62	0.23	17.3	0.271	2.38	3.3
M897656		298	157.0	0.002	0.05	10.15	14.4	1	6.7	66.9	0.57	0.06	14.4	0.277	2.86	5.0
M897657		71.2	156.5	<0.002	0.04	6.87	14.1	1	3.1	224	0.58	0.44	15.2	0.276	2.22	4.2
M897658		224	164.5	0.003	0.03	17.60	15.3	2	4.4	73.8	0.59	0.23	15.9	0.277	3.02	6.0
M897659		30.1	123.5	<0.002	0.03	4.72	13.0	1	2.3	292	0.65	0.40	13.6	0.289	1.39	3.5



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 Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155872**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897624		75	3.1	20.4	572	23.0
M897625		76	3.1	20.0	491	25.3
M897626		75	2.5	14.7	123	25.6
M897627		81	1.6	17.2	157	25.1
M897628		80	1.5	15.7	128	26.7
M897629		79	1.9	15.4	130	23.4
M897630		76	1.7	15.7	169	27.1
M897631		56	5.0	9.9	5360	24.8
M897632		71	6.4	18.1	213	22.1
M897633		74	6.8	22.2	298	21.5
M897634		76	2.4	17.5	178	23.1
M897635		77	4.8	19.8	499	22.4
M897636		73	4.6	11.5	215	22.2
M897637		3	0.1	0.8	19	<0.5
M897638		63	5.7	12.0	456	19.2
M897639		74	5.2	14.1	347	21.5
M897640		72	1.0	16.9	257	22.9
M897641		70	3.3	19.5	1160	20.3
M897642		64	7.5	9.2	260	19.2
M897643		75	4.0	26.8	1330	23.0
M897644		77	3.9	18.9	368	21.9
M897645		76	3.2	17.1	387	22.4
M897646		78	3.7	16.3	309	25.3
M897647		77	7.3	9.4	110	25.8
M897648		77	3.9	12.7	283	18.4
M897649		74	7.2	4.9	77	19.4
M897650		65	4.1	5.5	109	19.6
M897651		64	6.4	4.9	200	18.8
M897652		75	12.1	4.2	37	21.9
M897653		74	6.2	10.2	140	23.3
M897654		78	2.5	19.6	164	21.2
M897655		77	3.3	17.5	256	20.9
M897656		78	9.3	16.5	517	20.3
M897657		78	2.1	20.9	311	20.2
M897658		81	5.5	22.8	722	21.2
M897659		79	1.3	19.4	86	26.3



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**CERTIFICATE OF ANALYSIS WH12155872**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12155873**

Project: Klaza TR-12-2

P.O. No.: Batch 8

This report is for 24 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12155873**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897660		4.62	0.094	1.14	8.00	541	2300	1.59	8.14	0.90	1.37	60.2	11.4	15	10.35	169.0
M897661		5.05	0.622	2.31	7.90	496	1320	1.71	3.86	0.46	2.16	64.9	7.4	15	16.80	180.0
M897662		5.58	0.058	0.39	7.64	39.4	2130	1.53	1.35	1.49	0.50	57.7	9.1	21	7.43	37.1
M897663		4.13	0.066	1.70	8.51	48.4	2120	1.50	2.72	0.47	0.62	61.4	13.2	16	17.80	40.8
M897664		5.39	0.035	0.45	8.48	15.6	2140	1.41	0.96	0.57	0.66	71.7	8.3	18	16.30	40.4
M897665		5.02	0.023	0.29	7.19	15.3	1910	1.40	1.09	1.64	0.58	46.9	9.0	21	6.04	27.4
M897666		0.24	2.30	26.4	5.86	3430	940	1.14	20.5	2.15	79.3	45.5	10.5	19	13.40	440
M897667		4.23	0.031	0.43	7.62	13.4	2090	1.57	1.20	1.27	1.45	57.3	10.4	15	12.15	38.3
M897668		3.98	0.145	1.41	8.04	90.9	1620	1.90	2.62	0.35	2.80	54.9	22.5	13	20.3	100.0
M897669		4.61	0.640	13.75	7.01	463	4930	1.64	10.70	0.19	8.46	55.3	12.9	13	16.30	438
M897670		5.29	0.017	0.69	8.24	55.9	2600	1.83	0.63	0.31	11.10	60.6	27.6	11	25.2	208
M897671		7.30	0.116	1.39	8.07	85.4	2170	1.96	2.01	0.23	5.36	50.6	35.8	14	25.0	318
M897672		4.63	0.222	3.98	7.81	137.0	1780	1.85	3.53	0.23	4.42	60.2	45.5	14	22.7	306
M897673		6.44	0.021	0.50	8.90	21.9	2210	1.33	0.44	0.31	1.39	49.0	32.9	13	20.3	175.5
M897674		3.63	<0.005	0.01	0.08	<5	20	0.05	0.01	22.3	0.07	1.42	1.3	1	0.37	2.1
M897675		3.79	0.020	1.15	8.25	28.3	2910	1.75	0.82	0.46	1.90	70.0	33.4	11	24.1	91.9
M897676		4.35	0.093	1.18	7.83	31.4	1930	1.49	2.10	1.23	1.28	61.9	17.8	18	10.20	77.3
M897677		5.51	0.072	0.77	7.95	42.7	2140	1.52	1.56	1.04	0.76	60.2	10.9	18	11.35	52.2
M897678		3.65	0.042	0.52	9.22	20.5	2820	1.65	0.62	0.85	0.32	69.6	10.4	16	23.7	35.9
M897679		4.78	0.028	0.45	8.16	21.7	2180	1.41	0.86	1.29	0.37	58.0	11.4	24	19.10	31.7
M897680		3.61	0.026	0.62	8.96	29.0	2540	1.66	0.55	0.74	0.30	66.1	10.0	14	34.1	26.4
M897681		3.66	0.046	0.38	8.38	16.6	2530	1.39	0.70	1.65	0.39	55.6	11.5	19	14.60	25.1
M897682		4.77	0.038	0.85	8.55	23.2	2190	1.43	0.60	0.91	0.50	56.7	24.4	15	28.8	35.0
M897683		4.85	0.122	0.58	8.42	20.0	2440	1.48	0.95	1.15	0.33	59.4	12.4	17	14.35	83.0



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Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155873**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
M897660		4.46	17.00	0.12	1.1	0.136	2.79	34.7	16.6	0.49	383	2.48	1.36	8.1	4.6	700
M897661		5.19	19.05	0.14	1.0	0.321	3.04	40.0	18.8	0.40	575	3.53	0.54	8.1	4.6	500
M897662		3.32	16.50	0.11	1.1	0.103	2.59	27.7	15.1	0.70	559	1.73	1.87	8.5	6.1	640
M897663		3.82	19.00	0.13	1.0	0.142	2.97	30.6	22.5	0.37	620	2.66	0.55	8.5	4.8	640
M897664		3.42	18.60	0.15	1.0	0.147	2.95	35.4	26.2	0.36	714	2.74	0.61	8.3	6.8	650
M897665		3.15	16.55	0.10	1.2	0.091	2.32	21.5	14.0	0.73	576	1.83	1.94	8.6	7.1	600
M897666		6.61	13.85	0.11	0.9	1.515	2.52	22.4	23.0	0.88	1820	11.95	0.04	5.7	14.2	430
M897667		3.54	17.00	0.13	1.0	0.077	2.46	27.8	17.1	0.62	568	1.60	1.74	8.0	4.5	650
M897668		5.35	18.50	0.11	0.9	0.129	2.62	25.4	45.9	0.35	976	2.23	0.31	7.7	4.4	610
M897669		8.52	16.40	0.12	0.8	2.13	3.02	28.9	11.4	0.29	2850	3.22	0.06	6.3	2.9	630
M897670		4.53	18.45	0.13	0.8	0.147	3.03	29.7	14.8	0.21	2790	2.43	0.13	8.3	4.6	620
M897671		5.43	18.60	0.10	0.9	0.284	2.56	29.9	48.4	0.21	1160	4.26	0.08	8.5	5.9	690
M897672		5.95	16.45	0.13	0.8	0.214	2.58	34.7	40.0	0.20	848	7.90	0.09	7.7	5.7	690
M897673		4.15	19.60	0.12	0.9	0.140	2.65	25.3	28.9	0.45	506	2.47	0.11	9.6	4.3	720
M897674		0.49	0.38	<0.05	<0.1	0.006	0.03	0.7	1.1	13.40	213	0.15	0.01	0.3	3.3	180
M897675		6.57	18.70	0.17	0.9	0.155	2.89	41.6	23.3	0.40	394	5.04	0.59	9.2	4.5	600
M897676		4.28	16.90	0.14	1.0	0.147	2.64	32.4	23.1	0.63	789	4.32	1.54	9.0	6.5	670
M897677		4.45	16.45	0.13	1.0	0.135	3.09	36.5	14.7	0.56	745	4.57	1.18	8.3	5.5	650
M897678		3.84	20.9	0.09	1.1	0.102	2.74	36.2	27.3	0.54	648	2.71	0.84	9.1	5.0	770
M897679		3.80	16.95	0.08	1.1	0.080	2.50	31.3	18.7	0.61	706	2.26	1.54	8.0	7.0	630
M897680		3.33	20.3	0.10	1.1	0.062	2.80	38.2	24.4	0.37	651	2.04	0.78	8.3	4.1	760
M897681		3.62	17.90	0.08	1.1	0.065	2.51	30.6	17.0	0.69	711	1.99	1.81	8.0	6.0	690
M897682		3.95	18.15	0.09	0.9	0.079	2.61	35.6	21.2	0.55	601	2.13	1.01	7.7	4.4	700
M897683		3.78	17.25	0.09	1.2	0.083	2.71	33.2	17.6	0.50	615	2.30	1.60	8.5	4.2	720



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 Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12155873**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897660		71.4	133.5	0.003	0.03	4.72	13.5	1	2.5	237	0.65	4.04	17.4	0.282	1.85	4.8
M897661		252	208	<0.002	0.08	9.04	13.9	1	5.5	116.5	0.59	0.75	14.2	0.274	2.65	5.0
M897662		40.3	128.0	<0.002	0.03	2.72	12.3	1	2.6	320	0.60	0.29	12.6	0.302	1.36	2.6
M897663		56.3	149.0	<0.002	0.07	8.78	13.9	1	2.9	126.0	0.62	0.91	15.6	0.287	1.94	3.8
M897664		28.7	149.5	<0.002	0.02	5.86	13.4	1	2.1	125.0	0.60	0.30	18.1	0.283	1.72	3.3
M897665		28.9	96.8	<0.002	0.03	2.09	11.7	1	1.9	328	0.63	0.21	10.7	0.291	1.15	2.4
M897666		2790	163.5	<0.002	4.78	89.1	8.4	<1	7.4	88.2	0.42	0.35	10.8	0.179	2.37	4.7
M897667		30.7	108.5	<0.002	0.03	2.81	12.9	1	1.8	279	0.60	0.39	14.8	0.275	1.25	2.9
M897668		74.1	132.0	0.002	0.10	7.54	13.9	1	2.6	64.7	0.58	0.73	15.5	0.251	2.04	5.2
M897669		471	181.5	0.002	0.49	40.6	10.9	<1	5.4	64.1	0.50	0.34	12.3	0.221	3.18	5.8
M897670		26.8	159.0	0.002	0.05	7.74	14.2	1	1.8	42.5	0.57	0.12	13.9	0.270	2.36	7.2
M897671		61.7	124.0	<0.002	0.06	24.8	13.4	1	2.6	115.0	0.69	0.96	16.0	0.270	2.15	10.8
M897672		82.0	122.0	<0.002	0.13	29.0	14.0	2	3.0	82.6	0.56	1.89	15.1	0.242	1.99	16.3
M897673		33.0	117.5	<0.002	0.02	6.49	16.6	1	2.1	76.0	0.69	0.18	16.3	0.295	1.53	7.3
M897674		2.0	2.0	<0.002	<0.01	0.06	0.3	1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M897675		71.7	145.0	<0.002	0.02	8.80	14.8	1	2.2	112.0	0.70	0.39	17.4	0.276	1.91	8.8
M897676		53.8	122.5	<0.002	0.05	6.83	12.1	1	2.6	256	0.67	0.71	14.3	0.283	1.54	4.0
M897677		43.3	147.5	<0.002	0.06	5.98	11.3	1	2.5	213	0.68	0.37	15.8	0.257	1.75	3.9
M897678		22.9	135.5	<0.002	0.04	5.26	14.5	2	2.3	155.5	0.71	0.21	15.5	0.312	1.54	3.0
M897679		27.3	115.0	<0.002	0.04	4.65	11.9	1	2.0	300	0.62	0.24	12.6	0.287	1.29	2.6
M897680		21.4	133.0	<0.002	0.03	5.90	13.4	1	2.0	133.0	0.63	0.17	15.7	0.284	1.73	2.7
M897681		27.8	106.0	<0.002	0.03	3.30	12.1	1	1.9	358	0.61	0.16	12.0	0.299	1.17	2.2
M897682		38.7	121.5	<0.002	0.02	4.85	14.0	1	2.0	265	0.55	0.13	13.8	0.279	1.36	2.7
M897683		27.6	119.5	<0.002	0.04	5.07	12.0	1	2.5	274	0.70	0.20	14.4	0.300	1.29	2.9





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**CERTIFICATE OF ANALYSIS WH12155873**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897660		81	1.3	20.7	157	20.9
M897661		78	3.2	19.3	426	21.3
M897662		80	1.5	16.3	77	25.1
M897663		81	2.5	18.0	86	22.2
M897664		79	4.7	17.7	81	22.6
M897665		78	1.3	13.6	81	28.6
M897666		56	5.0	9.6	5140	22.2
M897667		76	1.1	17.3	105	21.5
M897668		73	3.2	17.6	278	19.4
M897669		67	8.1	10.2	1640	16.8
M897670		78	4.5	22.0	437	19.2
M897671		80	9.5	22.1	305	21.9
M897672		76	5.2	24.3	250	19.7
M897673		83	2.6	19.3	102	22.7
M897674		3	1.5	0.9	13	<0.5
M897675		79	2.4	29.0	243	22.6
M897676		81	4.9	18.9	118	25.8
M897677		75	3.7	20.1	89	25.8
M897678		95	1.2	18.7	60	27.0
M897679		81	1.5	17.6	70	30.1
M897680		84	1.4	18.7	58	29.1
M897681		83	1.2	16.0	65	25.9
M897682		84	1.1	19.9	85	22.2
M897683		84	1.6	16.2	61	25.5



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**CERTIFICATE OF ANALYSIS WH12155873**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12155874**

Project: Klaza TR-12-3

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12155874**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M897684		3.09	0.054	0.66	6.82	41.9	2260	1.27	1.42	1.32	0.77	41.1	7.2	28	7.18	28.0
M897685		4.32	0.130	0.68	7.13	72.7	1990	1.14	1.30	1.01	1.01	51.8	5.9	18	7.53	49.0
M897686		4.62	0.073	0.70	7.66	49.2	2020	1.07	1.36	0.22	0.73	28.5	2.6	11	11.35	139.0
M897687		4.41	0.139	1.30	7.04	89.1	1830	1.31	2.40	0.35	1.46	59.8	6.1	13	10.30	217
M897688		4.13	2.36	6.63	7.32	264	1010	1.20	12.65	0.08	0.95	80.3	1.2	12	11.90	128.0
M897689		3.83	0.811	4.21	7.50	231	2400	1.25	7.18	0.26	1.46	56.1	4.6	10	10.20	157.5
M897690		3.49	0.159	2.30	7.47	127.5	2030	1.37	3.02	0.75	1.76	54.7	7.5	18	12.75	127.0
M897691		4.47	0.188	1.79	7.18	145.5	1910	1.73	3.04	0.59	1.54	61.7	5.5	16	13.30	108.5
M897692		4.17	0.200	2.14	7.50	334	1860	1.37	3.17	0.82	1.91	63.7	6.4	17	12.95	116.5
M897693		4.48	0.190	1.68	8.01	136.5	1610	1.49	2.70	0.38	2.79	53.6	5.3	12	13.95	149.0
M897694		4.86	0.229	1.37	7.85	210	2960	1.38	3.02	0.20	2.28	67.7	3.0	12	20.3	133.0
M897695		2.57	1.395	2.07	7.26	334	1670	1.45	4.25	0.21	2.36	84.3	2.2	11	19.45	130.5
M897696		5.00	0.933	6.51	7.03	1320	1410	1.23	11.05	0.11	3.24	76.4	2.3	11	21.9	144.5
M897697		3.59	0.219	3.28	7.65	442	1890	1.46	4.73	0.31	2.66	77.7	3.4	10	19.40	271
M897698		4.00	0.771	4.13	7.70	2040	1920	1.29	5.87	0.17	2.56	56.8	2.2	10	15.75	171.5
M897699		4.32	0.323	2.93	7.75	886	2160	1.30	4.18	0.28	2.91	56.1	9.0	10	13.00	155.5
M897700		4.22	0.125	1.77	7.05	206	2080	1.29	2.08	0.99	1.08	52.1	5.7	16	8.20	65.2
M897701		4.72	0.044	0.66	7.43	70.3	2160	1.41	1.29	1.29	0.76	55.0	5.9	17	6.26	34.6
M897702		4.01	0.032	0.89	7.27	65.5	1940	1.39	1.19	1.29	0.69	51.6	5.5	17	5.70	35.8
M897703		3.29	0.065	0.72	7.40	106.0	2000	1.49	2.13	1.14	1.21	54.7	6.6	18	7.17	48.8
M897704		0.25	2.38	24.4	5.84	3190	660	1.27	21.2	2.15	78.7	44.1	10.4	19	15.15	423
M897705		3.35	0.256	0.91	7.68	169.5	1950	1.62	3.06	0.74	2.84	48.7	8.8	17	13.50	88.6
M897706		3.45	0.062	0.82	7.57	99.0	2090	1.49	2.32	1.19	1.28	53.1	6.9	17	9.99	41.8
M897707		3.58	0.144	2.34	7.91	135.5	1210	1.63	5.13	0.38	3.60	64.7	8.6	17	18.85	80.9
M897708		4.39	0.127	2.99	7.54	144.5	1050	1.48	5.72	0.22	3.15	84.1	4.1	14	16.00	50.5
M897709		3.38	0.085	2.55	7.94	94.3	1100	1.80	3.28	0.19	9.57	83.1	12.3	15	21.5	102.0
M897710		3.41	0.070	31.3	6.82	127.0	1580	1.49	3.62	0.22	9.41	72.3	11.2	14	17.45	109.0
M897711		3.16	0.038	3.14	7.46	48.3	2000	1.69	1.88	0.36	18.45	72.3	11.7	12	21.4	81.1
M897712		6.04	0.498	53.5	6.93	396	1390	1.25	227	0.11	2.93	64.9	1.0	11	17.45	69.0
M897713		4.89	0.049	5.95	7.85	94.7	2170	1.73	10.20	0.46	13.05	74.2	11.6	12	18.95	161.0
M897714		3.90	0.100	2.36	7.37	86.6	2070	1.58	6.05	0.85	5.83	63.2	8.9	12	14.90	80.7
M897715		5.01	0.062	5.74	7.56	151.5	1470	1.71	9.66	0.21	7.14	67.3	5.5	12	30.5	168.0
M897716		3.98	0.295	8.81	5.54	183.5	910	1.07	10.00	0.15	4.71	57.1	2.2	13	13.30	73.7
M897717		3.22	0.251	4.84	5.07	333	540	1.26	8.01	0.12	6.67	53.2	3.2	18	28.3	175.5
M897718		4.40	0.097	2.15	6.63	168.0	1080	2.05	3.66	0.16	3.50	70.4	4.6	8	72.9	262
M897719		3.53	<0.005	0.03	0.11	5	20	0.06	0.04	20.1	0.08	1.51	1.2	2	0.43	2.3



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**CERTIFICATE OF ANALYSIS WH12155874**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897684		3.17	18.10	0.17	1.4	0.133	2.69	21.8	13.2	0.75	523	2.87	1.67	7.9	8.2	540
M897685		3.11	16.10	0.15	1.2	0.177	2.49	26.2	10.8	0.62	433	1.55	1.53	7.6	4.9	550
M897686		3.34	17.75	0.14	1.3	0.226	2.87	18.2	13.4	0.23	132	1.34	0.40	8.0	2.4	560
M897687		4.45	17.45	0.17	1.3	0.376	2.87	32.4	8.5	0.40	327	1.57	0.85	7.2	2.9	590
M897688		3.19	20.3	0.16	1.3	0.505	3.39	46.9	7.8	0.30	136	1.53	0.05	8.3	1.5	350
M897689		3.87	18.15	0.16	1.4	0.331	3.32	31.2	10.1	0.40	262	1.36	0.58	7.9	2.2	560
M897690		3.72	18.65	0.16	1.4	0.208	2.81	28.3	11.4	0.52	350	3.24	1.12	7.3	4.5	560
M897691		3.50	18.50	0.13	1.4	0.263	2.84	34.4	17.9	0.46	300	2.25	0.76	7.0	4.9	550
M897692		3.70	17.75	0.16	1.4	0.256	2.71	35.8	12.7	0.55	399	2.39	1.15	7.2	4.9	620
M897693		4.42	18.00	0.16	1.4	0.201	2.84	30.3	12.0	0.68	473	2.44	1.14	7.7	3.0	710
M897694		4.76	18.80	0.17	1.5	0.226	3.70	39.6	11.6	0.35	260	2.40	0.28	7.1	2.3	610
M897695		4.24	19.15	0.21	1.3	0.295	3.76	50.0	9.8	0.33	202	1.94	0.29	7.3	2.3	560
M897696		4.69	17.75	0.21	1.4	0.454	3.30	44.9	13.0	0.25	209	2.85	0.04	7.1	1.3	760
M897697		5.20	18.25	0.22	1.2	0.547	3.21	44.3	15.8	0.37	248	2.17	0.50	7.5	1.9	710
M897698		3.91	18.65	0.20	1.4	0.422	3.64	32.5	13.5	0.30	196	1.76	0.24	8.0	1.4	410
M897699		3.96	16.65	0.19	1.4	0.221	3.05	27.6	14.2	0.25	501	1.70	0.82	7.5	1.9	560
M897700		3.46	16.95	0.18	1.2	0.246	2.42	27.0	12.6	0.66	431	3.19	1.59	7.8	3.0	550
M897701		3.09	16.70	0.18	1.2	0.149	2.42	26.6	12.2	0.70	447	1.80	1.89	7.5	3.4	560
M897702		2.95	16.75	0.18	1.2	0.167	2.33	25.5	12.7	0.76	455	1.73	2.06	7.6	3.7	580
M897703		3.40	16.60	0.19	1.4	0.186	2.38	28.4	12.4	0.75	460	2.11	1.90	8.4	4.6	620
M897704		6.53	15.20	0.21	0.9	1.670	2.55	22.7	24.6	0.88	1850	14.05	0.04	6.0	15.3	430
M897705		5.60	17.15	0.21	1.5	0.259	2.58	30.1	20.0	0.63	390	3.43	1.43	9.1	4.6	700
M897706		3.48	17.40	0.20	1.4	0.236	2.57	28.6	13.6	0.69	432	1.82	2.00	8.4	4.3	620
M897707		5.12	19.25	0.24	1.5	0.741	2.81	38.3	17.3	0.51	448	2.61	0.54	7.7	3.5	650
M897708		3.77	18.30	0.22	1.4	0.679	3.36	51.5	9.1	0.39	311	2.68	0.21	7.1	2.1	450
M897709		5.16	19.20	0.23	1.5	0.376	3.09	43.4	21.9	0.30	1100	2.55	0.34	7.2	3.8	760
M897710		4.90	15.65	0.24	1.1	0.487	2.56	40.5	9.6	0.22	1050	3.34	1.05	6.5	2.9	680
M897711		4.51	17.05	0.23	1.5	0.341	3.15	39.1	13.8	0.32	2580	2.39	0.65	8.1	3.4	590
M897712		4.34	18.10	0.22	1.4	1.565	3.11	39.3	9.8	0.22	284	1.91	0.04	8.1	0.6	490
M897713		4.50	17.55	0.22	1.6	0.771	3.26	37.4	22.9	0.34	1920	2.06	1.02	8.4	3.2	660
M897714		3.80	17.25	0.21	1.5	0.365	2.70	33.3	15.8	0.63	833	1.84	1.62	8.3	3.7	640
M897715		4.89	17.65	0.24	1.5	0.995	3.11	40.2	18.0	0.26	542	2.62	0.26	8.0	2.6	590
M897716		3.16	15.90	0.20	1.1	3.15	2.55	35.3	14.1	0.25	433	12.65	0.14	4.8	1.6	480
M897717		4.72	14.70	0.21	1.1	4.15	2.00	31.9	38.4	0.17	876	19.80	0.04	5.8	2.7	560
M897718		4.56	14.85	0.25	1.1	4.16	2.15	39.6	35.7	0.17	772	12.75	0.03	6.3	2.9	920
M897719		0.47	0.30	0.07	<0.1	0.015	0.04	0.7	1.3	11.80	208	0.18	0.01	0.3	2.3	170



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**CERTIFICATE OF ANALYSIS WH12155874**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M897684		73.1	118.0	<0.002	0.15	5.08	11.7	1	4.4	276	0.72	0.22	12.8	0.243	3.2
M897685		67.1	137.0	<0.002	0.09	6.73	9.7	1	3.9	239	0.56	0.27	11.9	0.247	3.2
M897686		60.3	151.5	<0.002	0.14	9.69	10.4	1	4.5	89.4	0.62	0.35	13.4	0.248	3.5
M897687		112.5	169.0	<0.002	0.17	8.83	10.0	1	5.8	124.0	0.55	0.67	14.2	0.223	4.1
M897688		203	278	<0.002	0.28	14.90	11.0	1	11.2	34.4	0.63	0.55	11.6	0.260	2.9
M897689		162.0	201	<0.002	0.17	19.35	10.6	1	6.4	112.0	0.63	0.40	14.5	0.245	4.0
M897690		138.0	173.5	<0.002	0.16	20.0	10.8	1	6.2	201	0.57	0.47	14.1	0.236	4.0
M897691		141.0	191.0	<0.002	0.23	15.00	11.4	1	6.4	164.0	0.56	0.43	12.7	0.237	3.5
M897692		143.5	169.5	<0.002	0.19	17.00	10.9	1	5.0	215	0.60	0.34	13.8	0.248	4.0
M897693		163.0	188.0	0.002	0.15	10.95	11.7	1	3.9	158.0	0.60	0.46	14.9	0.251	4.1
M897694		78.1	242	<0.002	0.71	11.20	10.8	1	5.9	93.6	0.57	0.39	16.4	0.232	3.5
M897695		215	263	<0.002	0.69	12.35	12.2	2	5.9	141.5	0.58	0.38	17.7	0.217	4.3
M897696		485	240	<0.002	0.73	106.0	12.2	2	5.9	103.5	0.60	0.41	17.4	0.213	3.9
M897697		185.0	186.0	<0.002	0.40	44.0	13.1	2	4.1	164.0	0.61	0.25	20.0	0.230	6.1
M897698		132.0	243	<0.002	0.43	22.1	12.0	2	4.5	75.2	0.64	0.21	16.3	0.224	3.8
M897699		118.0	165.0	<0.002	0.16	21.5	10.9	2	3.8	117.0	0.72	0.33	17.3	0.230	4.7
M897700		62.8	133.5	<0.002	0.14	9.62	10.6	2	3.7	243	0.58	0.42	13.5	0.231	3.6
M897701		61.4	117.0	<0.002	0.06	5.62	10.7	2	3.6	305	0.64	0.22	13.6	0.236	3.6
M897702		51.2	107.5	<0.002	0.05	4.35	10.8	2	3.2	309	0.63	0.21	13.4	0.251	3.6
M897703		67.5	120.5	<0.002	0.07	5.74	11.3	2	3.7	280	0.65	0.37	14.0	0.269	3.9
M897704		2720	165.5	<0.002	4.62	89.6	8.3	2	8.3	90.3	0.47	0.39	11.0	0.170	5.8
M897705		94.3	124.0	<0.002	0.10	11.70	12.6	2	3.1	208	0.74	0.67	16.6	0.280	7.2
M897706		65.9	122.5	<0.002	0.08	6.44	11.6	2	3.5	293	0.70	0.46	14.8	0.269	4.8
M897707		189.0	168.0	<0.002	0.08	10.20	12.7	2	6.1	84.6	0.63	1.34	17.2	0.239	7.3
M897708		251	240	<0.002	0.12	9.25	11.3	2	10.8	84.6	0.60	0.96	14.0	0.224	5.5
M897709		251	195.5	<0.002	0.09	7.18	14.0	2	4.1	52.0	0.63	0.52	19.0	0.257	10.9
M897710		217	161.5	<0.002	0.08	5.53	9.7	2	3.8	95.1	0.52	0.70	15.0	0.192	7.9
M897711		236	168.5	<0.002	0.07	5.04	11.1	2	3.3	98.5	0.67	0.28	16.4	0.228	6.2
M897712		2420	169.5	<0.002	0.44	19.00	9.8	2	15.6	60.7	0.67	0.88	13.4	0.252	5.3
M897713		655	169.5	<0.002	0.07	5.88	11.9	2	3.3	156.0	0.70	0.27	18.3	0.235	7.9
M897714		198.0	136.0	<0.002	0.06	5.96	11.5	2	2.7	231	0.66	0.27	17.0	0.240	5.1
M897715		176.5	178.5	<0.002	0.16	20.6	11.2	2	6.0	99.2	0.68	0.69	17.4	0.231	9.2
M897716		1400	159.5	<0.002	0.25	62.3	7.1	1	15.1	146.0	0.42	0.97	12.0	0.156	4.1
M897717		319	129.0	<0.002	0.18	100.0	8.0	1	5.4	133.0	0.48	0.74	13.5	0.167	7.4
M897718		204	132.0	<0.002	0.21	56.4	16.0	1	3.0	235	0.50	0.21	19.2	0.186	23.0
M897719		2.3	2.1	<0.002	0.01	0.20	0.4	1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	0.4



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Project: Klaza TR-12-3

**CERTIFICATE OF ANALYSIS WH12155874**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897684		71	3.2	13.5	130	38.7
M897685		67	2.3	12.6	149	32.7
M897686		69	4.7	7.8	127	37.0
M897687		71	2.4	12.2	302	36.8
M897688		70	12.4	9.8	214	36.0
M897689		71	4.8	11.8	344	36.6
M897690		72	2.9	13.6	260	41.1
M897691		72	3.6	13.2	233	38.7
M897692		73	2.8	14.6	240	39.6
M897693		77	2.3	15.1	313	40.2
M897694		73	2.8	12.6	270	42.7
M897695		66	3.5	12.4	223	40.2
M897696		63	5.5	11.4	288	41.2
M897697		66	2.8	13.9	282	37.6
M897698		65	4.4	12.4	190	43.4
M897699		67	3.6	16.1	265	38.5
M897700		67	1.8	14.7	126	37.3
M897701		68	1.7	14.5	117	35.8
M897702		70	1.7	14.4	112	35.8
M897703		75	2.3	16.3	145	42.9
M897704		54	5.1	10.7	5170	27.3
M897705		75	3.8	21.5	363	47.8
M897706		73	2.1	16.5	170	42.0
M897707		78	2.5	20.6	703	46.7
M897708		73	7.0	15.3	495	42.5
M897709		83	1.9	27.5	866	42.2
M897710		64	1.4	21.6	610	36.0
M897711		67	2.8	23.8	1400	45.0
M897712		63	12.7	10.4	422	40.5
M897713		69	2.1	23.5	1020	47.4
M897714		67	2.1	20.4	444	46.5
M897715		67	4.3	18.0	847	43.2
M897716		53	5.5	9.4	320	32.8
M897717		52	5.1	12.3	571	33.8
M897718		64	3.9	15.6	754	34.5
M897719		2	0.1	0.9	15	0.5



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**CERTIFICATE OF ANALYSIS WH12155874**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12155875**

Project: Klaza-74A

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12155875**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895201		2.43	0.022	0.58	7.95	101.5	2390	1.64	1.02	0.27	1.54	51.7	8.8	10	22.3	12.3
M895202		4.34	<0.005	0.15	8.47	11.3	2120	1.37	0.19	0.91	0.49	60.1	7.7	11	13.05	10.4
M895203		5.40	<0.005	0.11	8.12	24.9	1780	1.29	0.21	1.28	0.26	50.0	7.4	10	16.00	8.8
M895204		4.79	<0.005	0.14	7.41	40.2	1320	1.46	0.21	1.73	0.29	54.4	7.5	10	17.70	11.4
M895205		2.61	0.009	0.82	7.84	147.0	940	1.60	2.07	1.62	0.45	55.0	8.3	10	23.5	9.7
M895206		3.38	0.227	2.66	6.41	285	780	1.24	2.71	1.21	6.77	41.6	10.5	11	15.30	8.4
M895207		2.98	<0.005	0.03	0.12	<5	30	0.05	0.05	22.1	0.06	1.29	0.9	3	0.32	4.2
M895208		3.17	<0.005	0.20	7.54	15.7	2050	1.42	0.32	2.71	0.31	44.6	8.0	12	14.45	9.2
M895209		6.25	<0.005	0.08	7.70	6.5	2140	1.42	0.14	2.82	0.12	47.3	8.0	15	11.20	9.3
M895210		3.23	<0.005	0.08	7.57	4.9	2260	1.47	0.13	2.93	0.09	48.5	8.4	13	9.30	11.9
M895211		<0.02	<0.005	0.09	7.52	4.5	2250	1.50	0.14	2.94	0.10	48.9	8.2	13	9.07	12.0
M895212		2.16	<0.005	0.43	7.25	39.7	1720	1.53	1.25	2.75	0.10	49.4	8.3	11	17.40	7.8
M895213		5.21	<0.005	0.08	7.35	4.4	2190	1.54	0.13	2.83	0.10	44.4	8.2	12	9.22	11.1
M895214		0.23	2.35	27.5	6.16	3500	770	1.29	19.55	2.29	82.8	44.4	11.5	19	14.95	443
M895215		4.75	<0.005	0.15	7.37	12.8	2150	1.70	0.19	2.85	0.21	44.4	8.6	11	12.40	10.7
M895216		7.13	<0.005	0.14	6.65	12.6	2050	1.35	0.19	2.84	0.12	39.2	8.4	10	13.95	11.2
M895217		3.04	0.102	2.09	6.69	135.5	1540	1.68	2.68	2.48	0.46	36.1	11.4	10	21.1	19.5
M895218		3.58	<0.005	0.25	7.23	7.0	1270	1.33	0.30	1.65	0.13	33.3	7.0	9	15.65	30.0
M895219		5.41	<0.005	0.18	8.11	9.9	2410	1.20	0.28	1.99	0.11	45.0	7.9	10	16.75	14.9
M895220		4.02	0.008	0.58	7.33	37.4	1860	1.40	0.22	2.30	0.24	42.2	10.0	9	16.55	65.4
M895221		6.09	<0.005	0.08	7.59	5.6	2240	1.31	0.13	2.95	0.05	41.6	8.1	11	13.25	14.2
M895222		3.37	<0.005	0.08	7.69	9.4	2050	1.54	0.12	2.44	0.06	48.9	7.6	10	12.25	6.9
M895223		6.67	<0.005	0.18	7.44	40.6	1360	1.57	0.18	2.56	0.20	45.3	7.1	10	21.9	7.9
M895224		3.29	0.014	0.32	6.55	174.5	900	1.54	0.19	2.31	0.76	39.8	7.5	9	16.45	4.1
M895225		2.15	<0.005	0.02	0.10	<5	20	<0.05	0.02	20.7	0.07	1.14	0.7	1	0.29	2.1
M895226		2.98	<0.005	0.07	6.96	15.1	1740	1.60	0.08	2.51	0.11	47.1	7.8	11	13.05	10.1
M895227		3.60	<0.005	0.08	7.15	6.2	1880	1.43	0.10	2.79	0.09	45.2	8.1	12	12.20	14.2
M895228		4.55	<0.005	0.17	6.51	16.5	1160	1.61	0.14	2.47	0.08	42.1	8.2	11	17.80	19.5
M895229		0.23	2.32	26.4	5.82	3310	920	1.54	18.05	2.13	85.8	44.6	11.8	19	15.80	433
M895230		5.04	0.005	0.20	7.01	10.6	1770	1.54	0.13	2.74	0.19	43.0	7.9	12	18.45	15.7
M895231		4.42	<0.005	0.11	6.99	3.2	1900	1.70	0.17	2.65	0.11	42.1	8.2	17	15.70	8.1
M895232		2.07	<0.005	0.08	6.75	3.5	1840	1.70	0.14	2.56	0.09	40.2	7.7	12	15.20	8.0
M895233		3.94	<0.005	0.07	6.13	5.2	1470	1.23	0.14	2.17	0.09	37.6	7.8	6	14.20	12.3
M895234		2.25	0.005	0.30	6.61	51.0	1850	1.34	0.15	2.41	0.15	55.4	8.8	10	18.15	22.5
M895235		4.68	<0.005	0.18	7.00	3.8	1960	1.71	0.12	2.41	0.15	53.6	8.4	13	13.50	43.3
M895236		4.44	0.005	0.93	7.43	44.4	840	1.91	1.41	1.89	1.65	59.8	9.5	10	15.65	15.4



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Project: Klaza-74A

**CERTIFICATE OF ANALYSIS WH12155875**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895201		4.03	17.25	0.09	1.0	0.104	3.30	36.0	15.5	0.22	2620	11.70	0.27	7.8	2.7	690
M895202		3.40	17.70	0.11	1.2	0.042	3.02	32.9	22.8	0.37	920	2.69	1.05	8.8	2.8	740
M895203		3.35	17.70	0.09	1.2	0.061	2.97	26.4	33.6	0.33	898	1.94	0.12	8.2	2.6	670
M895204		3.51	16.35	0.10	1.1	0.150	3.11	29.7	34.5	0.65	1680	2.06	0.07	7.7	2.3	620
M895205		3.33	17.05	0.10	1.0	0.075	3.05	30.6	47.2	0.64	1820	2.14	0.04	7.8	2.5	630
M895206		4.89	14.15	0.07	0.9	0.151	2.92	20.0	16.9	0.51	3780	2.74	0.03	6.2	2.9	520
M895207		0.51	0.29	<0.05	<0.1	<0.005	0.05	0.7	1.3	13.10	234	0.16	0.01	0.2	2.2	190
M895208		3.07	17.15	0.07	1.0	0.042	2.91	22.6	22.1	0.69	1180	1.76	1.17	8.0	2.5	640
M895209		3.01	16.80	0.10	1.0	0.032	2.82	24.3	14.6	0.82	689	1.34	2.24	7.8	2.4	590
M895210		3.21	17.10	0.07	1.1	0.030	2.67	22.8	12.9	0.86	712	3.22	2.30	7.9	2.6	620
M895211		3.16	16.85	0.08	1.1	0.025	2.69	24.2	13.3	0.85	704	3.04	2.33	7.7	2.4	610
M895212		3.16	16.05	0.11	1.0	0.030	2.75	25.6	21.9	0.58	903	1.46	1.20	7.5	2.5	590
M895213		3.09	16.55	0.09	1.0	0.033	2.61	20.6	18.9	0.80	656	1.02	2.25	7.9	2.8	610
M895214		6.91	14.75	0.09	1.0	1.960	2.64	23.8	25.3	0.93	1960	14.50	0.05	6.0	16.1	450
M895215		3.08	17.25	0.10	1.1	0.037	2.62	21.3	18.8	0.76	647	1.42	2.16	8.4	2.7	610
M895216		3.02	16.90	0.10	1.1	0.053	2.95	17.5	29.7	0.56	1090	2.01	0.20	8.5	2.4	600
M895217		3.12	14.90	0.08	0.9	0.077	3.18	15.8	14.9	0.49	2140	8.68	0.05	6.7	3.3	520
M895218		2.96	16.85	0.06	1.0	0.036	2.22	15.1	30.3	0.35	955	10.70	0.06	8.4	2.3	620
M895219		3.00	17.75	0.07	1.2	0.045	2.69	21.3	42.9	0.49	923	14.65	0.09	9.1	2.5	690
M895220		3.42	16.75	0.09	1.0	0.095	3.41	19.5	24.7	0.70	2370	4.89	0.09	8.0	2.5	670
M895221		3.47	15.90	0.06	0.9	0.038	2.82	19.9	30.5	0.79	876	0.98	0.18	7.6	2.3	680
M895222		3.46	15.70	0.08	1.0	0.030	2.61	25.8	16.6	0.81	698	0.70	1.48	7.3	2.2	620
M895223		2.78	16.60	0.08	1.0	0.051	3.01	21.0	39.4	0.70	1760	0.65	0.15	7.9	2.2	640
M895224		4.29	14.35	0.06	0.9	0.248	2.72	20.9	28.8	0.90	3560	0.59	0.03	6.3	2.6	520
M895225		0.47	0.25	<0.05	<0.1	<0.005	0.04	0.5	1.1	12.55	220	0.16	0.01	0.2	1.8	150
M895226		3.01	15.50	0.09	1.0	0.051	2.78	22.7	12.5	0.72	1300	1.25	1.47	7.2	2.7	580
M895227		2.87	15.25	0.08	0.9	0.032	2.55	22.0	13.3	0.75	700	0.79	1.60	7.1	2.6	590
M895228		2.88	14.75	0.08	1.1	0.048	2.78	19.8	26.5	0.77	980	0.94	0.54	7.4	3.0	560
M895229		6.55	14.65	0.09	0.8	1.900	2.50	23.7	24.3	0.88	1800	13.60	0.04	5.6	15.9	430
M895230		2.83	15.80	0.07	1.1	0.045	2.51	20.2	23.0	0.71	658	0.67	1.85	7.4	2.9	560
M895231		2.88	16.65	0.08	1.1	0.046	2.59	19.3	13.2	0.72	636	1.27	2.14	7.8	3.6	570
M895232		2.79	15.35	0.11	1.1	0.033	2.56	18.6	11.8	0.69	613	1.11	2.09	7.1	2.8	560
M895233		2.54	13.85	0.11	1.3	0.035	2.40	18.1	55.2	0.58	652	1.18	0.60	7.8	2.2	520
M895234		2.71	14.75	0.08	1.3	0.036	2.69	28.1	55.1	0.74	723	1.08	0.49	7.6	2.8	500
M895235		2.78	16.30	0.08	1.2	0.037	2.74	26.6	16.2	0.77	635	2.70	2.08	7.9	2.9	550
M895236		3.16	15.90	0.11	1.3	0.054	3.32	28.8	22.1	0.81	1900	0.92	0.11	7.9	3.0	590



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Project: Klaza-74A

**CERTIFICATE OF ANALYSIS WH12155875**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M895201		28.6	192.5	<0.002	0.02	17.80	12.2	<1	1.8	62.3	0.61	<0.05	13.4	0.286	5.2
M895202		19.7	144.0	<0.002	<0.01	8.09	12.5	1	2.1	162.0	0.72	0.05	15.0	0.313	2.7
M895203		17.4	144.0	0.002	0.04	10.30	12.1	<1	2.0	88.9	0.67	<0.05	12.3	0.295	2.7
M895204		18.3	159.5	<0.002	0.23	17.15	11.4	1	1.9	90.8	0.66	<0.05	12.5	0.278	4.0
M895205		30.3	173.0	<0.002	0.61	24.0	11.8	1	2.0	98.1	0.62	<0.05	13.1	0.277	4.6
M895206		389	183.0	<0.002	3.19	30.4	9.1	<1	2.7	38.3	0.50	<0.05	9.8	0.217	4.8
M895207		2.5	2.5	<0.002	0.04	0.27	0.4	<1	0.3	44.1	<0.05	<0.05	<0.2	<0.005	0.5
M895208		33.8	115.0	<0.002	0.06	7.51	11.2	<1	1.8	257	0.60	<0.05	10.1	0.284	2.6
M895209		18.1	110.0	<0.002	0.02	2.28	10.8	<1	1.8	383	0.64	<0.05	12.2	0.266	3.1
M895210		17.3	92.0	<0.002	0.02	1.79	10.7	<1	1.7	396	0.64	<0.05	10.8	0.280	2.5
M895211		17.1	92.3	0.002	0.01	1.74	10.4	<1	1.6	400	0.64	<0.05	10.9	0.276	2.6
M895212		24.5	115.5	<0.002	0.34	6.01	10.6	<1	1.7	201	0.57	<0.05	11.1	0.267	6.7
M895213		17.1	92.8	<0.002	0.01	1.11	10.8	1	1.8	398	0.59	<0.05	10.5	0.267	2.4
M895214		2880	165.5	0.003	5.02	101.0	8.4	1	9.0	94.1	0.50	0.37	10.1	0.185	5.1
M895215		22.5	96.4	<0.002	0.02	2.49	10.9	1	2.0	391	0.68	<0.05	11.5	0.271	2.7
M895216		17.2	96.4	0.002	0.06	9.72	10.1	1	1.9	134.5	0.71	<0.05	10.9	0.277	4.0
M895217		72.2	147.5	<0.002	0.87	24.0	9.1	<1	2.6	76.1	0.58	<0.05	9.9	0.236	15.0
M895218		14.1	81.6	0.003	0.04	20.9	10.5	<1	3.0	67.8	0.71	0.11	10.5	0.281	2.7
M895219		17.9	106.5	0.003	0.08	13.10	11.9	<1	3.2	103.0	0.73	<0.05	12.6	0.311	3.5
M895220		17.8	145.0	0.002	0.18	16.60	11.5	<1	4.2	102.0	0.63	0.14	9.9	0.294	2.4
M895221		15.6	91.0	0.002	0.02	7.23	10.9	1	3.6	171.5	0.64	<0.05	10.5	0.299	2.4
M895222		16.0	99.1	0.002	0.01	3.64	11.1	<1	1.9	301	0.63	<0.05	13.0	0.278	2.6
M895223		17.8	117.5	0.003	0.16	12.50	10.9	<1	2.5	125.5	0.66	<0.05	11.3	0.278	4.5
M895224		22.1	161.5	0.004	0.97	13.35	11.1	1	2.0	66.4	0.55	<0.05	12.9	0.235	4.6
M895225		1.3	1.7	0.002	0.01	0.16	0.9	1	<0.2	37.6	<0.05	<0.05	<0.2	<0.005	0.5
M895226		17.8	112.0	<0.002	0.04	3.78	12.0	2	1.5	276	0.57	<0.05	11.8	0.269	3.3
M895227		13.8	105.5	<0.002	0.02	2.93	12.5	2	1.6	307	0.56	<0.05	12.0	0.266	3.4
M895228		13.1	120.0	0.002	0.12	8.75	11.8	2	1.6	123.0	0.65	<0.05	11.7	0.259	5.0
M895229		2750	152.5	0.002	4.75	80.3	9.3	2	8.4	92.7	0.44	0.37	11.1	0.176	5.3
M895230		21.0	95.1	<0.002	0.04	3.54	11.6	2	1.7	347	0.64	<0.05	12.4	0.259	2.9
M895231		19.7	89.0	0.002	0.01	1.20	11.3	1	1.6	373	0.66	<0.05	12.9	0.269	2.0
M895232		17.6	81.0	0.004	0.01	9.94	10.1	2	1.5	365	0.61	<0.05	11.7	0.257	2.1
M895233		13.0	82.4	0.002	0.03	9.49	9.5	<1	1.6	167.5	0.70	<0.05	11.1	0.232	2.6
M895234		18.3	105.5	<0.002	0.16	13.35	11.5	1	1.6	189.5	0.80	<0.05	17.8	0.236	4.6
M895235		18.8	112.0	<0.002	0.03	1.16	11.6	1	1.8	348	0.72	<0.05	16.2	0.253	4.6
M895236		103.5	162.5	<0.002	0.35	7.51	12.5	2	2.5	69.3	0.75	<0.05	18.0	0.271	6.5



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Project: Klaza-74A

**CERTIFICATE OF ANALYSIS WH12155875**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895201		89	3.9	18.2	108	25.4
M895202		85	2.9	16.8	74	29.3
M895203		83	4.7	14.8	79	27.6
M895204		80	3.5	13.8	89	26.2
M895205		80	3.1	13.5	73	25.0
M895206		63	4.2	8.9	463	19.2
M895207		3	0.1	0.8	13	0.5
M895208		79	2.4	13.8	71	24.6
M895209		74	1.5	14.3	50	23.1
M895210		78	1.3	13.7	52	26.4
M895211		78	1.4	13.4	52	25.2
M895212		75	1.3	12.1	56	23.5
M895213		75	1.4	13.6	51	25.7
M895214		58	5.3	9.5	5470	26.2
M895215		76	1.3	13.8	53	25.8
M895216		76	2.3	12.5	54	26.5
M895217		79	2.5	11.0	71	20.5
M895218		76	3.0	9.8	64	24.8
M895219		84	4.5	12.8	57	26.8
M895220		86	2.7	12.5	69	22.9
M895221		84	3.0	12.4	54	21.8
M895222		79	1.6	12.5	51	22.7
M895223		78	2.4	13.0	61	24.2
M895224		65	5.7	13.4	110	20.7
M895225		3	0.1	0.8	13	<0.5
M895226		75	1.2	14.1	54	24.1
M895227		73	1.0	15.4	47	23.8
M895228		70	1.6	13.4	56	25.5
M895229		55	5.0	10.1	5060	26.8
M895230		73	1.0	14.9	58	26.7
M895231		75	0.9	14.8	53	26.7
M895232		71	0.8	13.6	50	27.2
M895233		63	2.7	12.2	50	25.4
M895234		67	3.1	16.0	54	28.9
M895235		71	1.1	17.6	51	29.2
M895236		75	1.8	14.6	226	28.9



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**CERTIFICATE OF ANALYSIS WH12155875**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12155876**

Project: Klaza-75

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12155876**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829855		1.60	<0.005	1.16	6.36	31.5	1890	1.46	0.31	2.31	0.48	85.5	10.0	8	10.65	23.1
N829856		3.96	<0.005	0.18	7.34	10.8	2100	1.56	0.20	2.38	0.11	51.7	6.1	11	11.15	13.3
N829857		2.91	<0.005	0.29	6.80	18.9	2040	1.48	0.25	2.06	0.48	43.3	5.1	10	13.00	6.5
N829858		2.90	0.019	55.7	6.83	225	2030	1.52	0.29	2.23	27.9	48.6	5.5	8	13.25	51.2
N829859		1.91	<0.005	2.40	6.50	13.3	1420	1.42	0.17	2.87	4.43	48.5	5.3	7	23.1	7.6
N829860		1.79	<0.005	0.78	7.19	46.8	1240	1.29	0.30	1.66	1.13	53.3	6.2	9	25.4	18.4
N829861		0.23	2.35	24.4	5.79	3150	660	1.31	21.4	2.16	80.1	46.5	10.1	19	15.70	425
N829862		1.64	<0.005	1.50	7.55	12.0	1820	1.22	0.46	1.56	1.27	50.7	6.3	9	18.40	13.2
N829863		1.82	<0.005	0.20	7.67	42.5	1770	1.27	0.38	1.64	0.27	53.7	7.9	8	20.9	12.6
N829864		3.75	0.010	0.11	7.89	11.3	2010	1.23	0.40	0.95	0.14	60.8	10.2	11	19.75	10.9
N829865		2.86	<0.005	0.10	7.93	38.9	1990	1.24	0.26	1.28	0.40	54.6	6.0	8	23.7	6.5
N829866		2.47	<0.005	0.14	6.47	24.5	1850	1.43	0.23	2.49	0.31	46.2	4.8	5	18.80	6.0
N829867		0.93	<0.005	0.13	6.58	18.6	1980	1.40	0.21	2.24	0.19	43.4	4.4	4	21.7	5.8
N829868		3.50	<0.005	0.17	6.74	14.7	3060	1.18	0.47	1.81	0.63	49.6	4.0	4	12.95	3.2
N829869		2.03	0.083	2.09	6.61	413	890	1.16	2.15	1.90	1.40	50.5	8.0	4	14.90	6.3
N829870		3.53	0.007	0.41	7.07	16.3	2260	1.52	1.04	1.98	0.17	51.4	9.0	6	13.60	6.0
N829871		1.97	0.008	0.53	6.32	19.1	1920	1.26	1.40	2.65	0.24	51.2	25.6	4	19.60	5.0
N829872		0.24	0.844	9.37	6.54	1780	1260	1.38	5.80	1.84	40.2	50.7	15.4	17	20.5	98.9
N829873		1.62	0.008	0.14	7.04	10.0	1540	1.26	0.27	1.83	0.14	45.5	6.4	4	25.1	4.4
N829874		1.60	0.026	1.19	6.57	133.0	4030	1.28	1.15	2.01	1.86	43.5	12.7	6	14.80	8.8
N829875		3.68	5.66	5.57	5.19	289	260	0.72	3.40	0.77	7.40	21.2	95.2	6	7.10	20.8
N829876		3.81	0.020	0.70	7.11	45.4	2170	1.35	0.51	1.94	5.92	51.2	10.6	6	12.55	17.1
N829877		0.78	0.050	0.03	0.09	5	20	0.07	0.03	21.3	0.09	1.52	2.4	<1	0.20	1.5
N829878		2.91	<0.005	0.14	7.30	18.6	2180	1.38	0.49	2.36	0.10	43.7	5.8	7	12.80	9.1
N829879		3.96	<0.005	0.19	7.33	7.8	2050	1.48	0.26	2.44	0.15	43.7	5.7	6	16.60	10.2
N829880		1.85	0.077	2.71	6.54	283	1650	1.27	1.51	2.46	5.37	41.4	6.6	7	18.05	56.6
N829881		4.86	<0.005	0.17	6.84	5.7	1980	1.42	0.32	2.37	0.13	46.5	5.4	8	14.85	14.4
N829882		2.16	<0.005	0.01	0.09	<5	20	0.07	0.02	20.9	0.06	1.60	2.4	<1	0.44	1.8
N829883		3.01	<0.005	0.23	6.97	15.4	2330	1.23	0.37	1.88	0.10	48.4	6.2	5	11.85	32.7
N829884		2.53	<0.005	0.15	7.13	8.0	1920	1.27	0.20	2.14	0.11	47.0	5.2	7	11.60	9.7
N829885		4.17	<0.005	0.13	7.14	4.7	2080	1.42	0.22	2.63	0.11	49.6	6.5	10	10.60	14.1
N829886		3.48	<0.005	0.14	7.01	5.2	2120	1.44	0.18	2.70	0.10	45.8	6.4	8	10.55	18.8
N829887		<0.02	<0.005	0.14	7.22	5.3	2110	1.38	0.18	2.70	0.11	50.2	6.5	8	10.95	20.6
N829888		4.93	<0.005	0.19	7.53	5.3	2100	1.57	0.19	2.60	0.15	56.3	6.0	9	9.98	13.6
N829889		2.06	<0.005	0.15	7.11	5.5	1910	1.42	0.17	2.73	0.10	48.5	5.2	7	10.60	8.9
N829890		2.05	2.91	>100	5.54	746	230	0.99	36.1	2.58	18.10	45.3	86.2	4	13.40	547





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Account: ROCKHA

Project: Klaza-75

**CERTIFICATE OF ANALYSIS WH12155876**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829855		2.25	15.40	0.18	1.7	0.077	3.35	43.6	11.4	0.54	796	2.87	1.58	7.6	1.7	380
N829856		2.86	17.00	0.17	1.4	0.072	2.80	26.1	11.9	0.73	641	2.63	2.23	8.0	2.1	570
N829857		2.69	16.50	0.16	1.4	0.086	3.52	20.4	20.7	0.59	970	1.61	1.49	8.4	2.0	530
N829858		3.23	15.95	0.18	1.4	0.133	3.41	23.6	18.9	0.63	1660	1.75	1.05	7.9	1.8	530
N829859		2.92	14.40	0.15	1.4	0.067	2.54	24.4	83.1	0.92	2150	1.19	0.26	7.2	1.7	490
N829860		2.77	16.35	0.17	1.5	0.045	2.75	26.3	152.5	0.54	1330	1.33	0.09	8.3	2.0	570
N829861		6.53	14.25	0.22	0.9	1.740	2.54	24.0	25.0	0.89	1860	13.95	0.04	5.9	14.4	430
N829862		2.88	16.85	0.15	1.6	0.044	2.88	24.2	42.5	0.50	1130	1.43	0.19	8.2	2.4	610
N829863		3.02	18.05	0.17	1.3	0.044	2.93	26.7	90.5	0.59	829	1.67	0.23	8.5	2.3	620
N829864		3.14	17.50	0.17	1.6	0.050	2.98	31.3	33.0	0.48	836	1.49	0.17	8.6	2.5	620
N829865		3.03	18.05	0.18	1.6	0.072	2.96	27.2	37.6	0.48	958	1.38	0.08	8.7	1.9	610
N829866		2.91	14.35	0.23	1.3	0.084	2.95	22.5	74.2	0.83	978	0.97	0.54	8.0	2.3	560
N829867		2.77	14.15	0.25	1.3	0.077	3.06	20.8	74.5	0.75	868	1.17	0.59	8.2	2.1	570
N829868		2.86	13.55	0.25	1.4	0.105	3.67	24.4	20.6	0.68	1730	1.12	0.75	8.0	2.0	530
N829869		3.29	13.45	0.20	1.2	0.166	2.95	26.5	26.1	0.66	3780	5.55	0.03	7.2	2.3	490
N829870		3.21	14.15	0.24	1.3	0.129	2.91	26.2	152.0	0.80	1640	1.76	0.06	7.8	2.2	540
N829871		3.31	12.45	0.23	1.1	0.101	2.32	28.4	75.8	1.01	1450	5.08	0.04	6.5	2.5	480
N829872		5.18	13.55	0.22	1.3	0.986	2.68	26.0	18.5	0.67	1960	11.40	0.25	7.7	12.9	480
N829873		2.89	14.30	0.21	1.3	0.059	2.65	22.2	114.0	0.63	1060	1.61	0.07	8.2	2.0	600
N829874		3.02	12.50	0.21	1.4	0.116	2.27	22.1	63.1	0.66	3500	5.18	0.03	7.7	3.1	540
N829875		6.85	9.58	0.15	0.8	0.494	2.09	11.3	14.4	0.38	2390	6.09	0.08	5.1	2.7	340
N829876		3.04	14.25	0.21	1.4	0.207	3.36	25.1	9.5	0.57	2540	2.09	1.19	8.2	2.3	550
N829877		0.50	0.54	0.39	<0.1	0.010	0.03	0.7	0.8	12.45	241	0.28	0.01	0.5	3.8	150
N829878		2.81	16.95	0.22	1.4	0.074	2.77	22.1	9.7	0.65	606	1.63	2.26	8.4	2.2	560
N829879		2.76	15.00	0.29	1.5	0.045	2.71	21.8	10.1	0.62	556	1.32	2.17	8.4	2.0	570
N829880		2.96	13.55	0.25	1.2	0.127	2.50	20.4	18.9	0.72	869	10.30	1.18	7.3	2.4	520
N829881		2.76	13.70	0.28	1.4	0.062	2.69	22.5	9.2	0.66	620	1.67	2.06	8.0	2.1	560
N829882		0.48	0.61	0.40	<0.1	0.007	0.04	0.8	1.0	12.35	222	0.10	0.01	0.5	4.3	180
N829883		3.13	15.00	0.25	1.4	0.151	3.33	25.0	13.6	0.69	898	1.58	0.90	7.8	1.9	490
N829884		2.92	14.50	0.30	1.4	0.082	2.77	23.7	9.5	0.64	680	1.75	1.64	7.8	2.2	560
N829885		2.94	13.90	0.28	1.6	0.044	2.66	23.7	9.0	0.76	657	2.71	2.28	8.1	2.4	600
N829886		2.85	13.50	0.28	1.3	0.044	2.61	21.8	10.6	0.74	631	2.90	2.28	7.7	2.2	570
N829887		2.87	13.45	0.29	1.4	0.046	2.61	24.3	10.8	0.75	628	3.03	2.30	7.8	2.2	560
N829888		3.17	14.00	0.29	1.3	0.054	2.70	27.1	10.3	0.83	676	2.82	2.39	8.4	2.4	630
N829889		3.01	13.70	0.27	1.2	0.050	2.64	23.5	8.3	0.75	630	1.79	2.12	7.9	2.3	610
N829890		8.95	11.30	0.30	0.9	1.150	2.40	23.6	8.8	0.70	3380	1.88	0.37	6.6	3.8	510



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Project: Klaza-75

**CERTIFICATE OF ANALYSIS WH12155876**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N829855		26.8	143.5	<0.002	0.11	5.82	7.8	1	1.8	218	0.81	0.05	25.5	0.166	1.62	5.9
N829856		16.4	118.0	<0.002	0.03	3.16	10.7	1	2.0	333	0.65	<0.05	15.0	0.231	1.23	4.0
N829857		18.3	135.5	<0.002	0.06	7.56	9.7	1	1.9	238	0.75	<0.05	12.5	0.236	1.76	5.4
N829858		1480	151.5	<0.002	0.46	55.3	9.7	1	2.7	202	0.72	<0.05	13.7	0.224	2.08	4.9
N829859		175.5	111.0	<0.002	0.11	25.5	9.1	1	2.1	226	0.67	<0.05	14.1	0.203	1.77	8.1
N829860		26.5	118.5	<0.002	0.16	33.6	10.3	1	1.8	121.5	0.75	<0.05	14.9	0.234	1.58	4.3
N829861		2730	163.5	<0.002	4.61	92.6	8.0	2	8.4	88.6	0.47	0.46	11.7	0.171	2.36	5.8
N829862		83.9	115.5	<0.002	0.04	19.35	10.9	1	2.0	108.5	0.80	<0.05	15.1	0.251	1.58	3.4
N829863		20.2	122.5	<0.002	0.06	15.25	11.4	1	2.2	114.0	0.69	<0.05	14.9	0.256	1.47	3.2
N829864		16.7	142.5	<0.002	0.12	15.05	11.2	1	2.1	77.0	0.74	0.14	17.5	0.255	1.51	4.6
N829865		15.4	139.5	<0.002	0.04	16.10	11.3	1	1.9	80.2	0.78	<0.05	16.4	0.254	1.58	3.7
N829866		12.5	102.0	<0.002	0.13	14.10	9.7	1	1.8	198.5	0.67	<0.05	10.2	0.228	1.68	6.2
N829867		12.9	111.5	<0.002	0.12	13.45	9.8	1	2.0	187.0	0.68	<0.05	10.0	0.235	1.82	5.0
N829868		10.0	128.5	<0.002	0.21	9.41	9.3	1	2.1	115.5	0.68	0.05	10.5	0.228	2.05	3.6
N829869		102.5	145.5	<0.002	2.13	23.7	9.0	1	3.2	55.1	0.62	0.22	11.1	0.216	2.56	4.4
N829870		19.2	100.5	<0.002	0.32	17.65	9.6	1	2.7	113.5	0.67	0.14	11.3	0.228	1.85	3.8
N829871		35.0	105.5	<0.002	0.41	31.9	8.6	1	2.0	123.0	0.56	0.23	10.8	0.194	1.70	8.5
N829872		1300	139.5	0.002	3.02	35.6	8.7	2	6.4	139.0	0.63	0.37	9.9	0.199	2.32	4.3
N829873		11.1	92.7	<0.002	0.10	27.6	9.7	1	2.1	133.0	0.70	<0.05	11.4	0.244	1.61	3.2
N829874		139.0	90.4	<0.002	0.72	35.3	8.6	1	1.9	122.5	0.64	0.14	10.8	0.222	1.89	3.9
N829875		726	119.0	<0.002	5.85	36.5	10.3	1	4.0	41.6	0.36	1.23	6.4	0.142	1.90	3.6
N829876		118.5	137.0	<0.002	0.31	11.75	9.3	1	2.3	212	0.69	0.09	10.6	0.228	1.98	2.9
N829877		7.2	1.4	<0.002	0.03	0.17	0.3	1	<0.2	39.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N829878		15.4	121.0	<0.002	0.02	3.51	10.2	1	1.8	337	0.72	<0.05	12.1	0.239	1.26	2.7
N829879		17.3	110.5	<0.002	0.02	3.15	9.5	1	1.9	358	0.76	<0.05	11.4	0.245	1.14	3.1
N829880		325	93.1	0.002	0.55	16.35	8.8	1	2.5	214	0.60	0.11	9.6	0.227	1.29	3.9
N829881		15.8	92.0	<0.002	0.02	3.00	9.4	1	2.1	329	0.67	<0.05	10.1	0.242	1.18	2.9
N829882		1.4	1.9	<0.002	0.01	0.05	0.5	1	<0.2	37.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N829883		13.7	136.0	<0.002	0.15	16.25	8.9	1	1.8	132.0	0.71	<0.05	13.4	0.215	1.68	3.3
N829884		15.2	103.5	<0.002	0.06	7.84	9.4	1	1.8	251	0.67	<0.05	11.2	0.234	1.24	3.0
N829885		17.7	89.0	<0.002	0.01	3.17	9.7	1	2.1	367	0.74	<0.05	10.5	0.248	1.08	3.5
N829886		15.7	80.2	<0.002	0.02	4.69	9.1	1	1.9	375	0.66	<0.05	9.7	0.241	1.06	3.2
N829887		15.8	84.6	<0.002	0.02	4.83	9.3	1	1.9	380	0.68	<0.05	10.4	0.241	1.06	3.6
N829888		18.0	84.7	<0.002	0.01	8.47	10.3	2	2.1	414	0.71	<0.05	10.1	0.264	1.15	3.0
N829889		13.9	80.3	<0.002	0.02	24.0	9.3	1	2.0	365	0.66	<0.05	9.0	0.253	1.20	2.8
N829890		4860	147.0	<0.002	8.67	1195	8.2	2	2.4	71.4	0.55	5.28	8.3	0.188	1.81	4.0



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**CERTIFICATE OF ANALYSIS WH12155876**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N829855		45	2.4	15.3	51	47.0	
N829856		63	2.1	16.8	42	41.3	
N829857		64	2.8	15.0	90	41.9	
N829858		62	3.3	14.8	1280	40.0	
N829859		58	4.1	15.7	298	38.3	
N829860		65	6.9	16.2	126	41.4	
N829861		53	5.2	10.4	5180	26.3	
N829862		73	5.7	16.3	115	41.0	
N829863		71	4.2	17.3	68	40.6	
N829864		71	8.6	18.0	47	43.5	
N829865		67	6.3	17.6	107	43.7	
N829866		64	3.8	12.8	120	35.0	
N829867		67	3.7	12.5	94	36.4	
N829868		63	2.9	10.7	266	35.2	
N829869		60	5.8	9.9	447	31.6	
N829870		63	3.5	11.1	132	34.1	
N829871		56	6.3	12.6	81	29.1	
N829872		55	5.5	9.9	2910	37.1	
N829873		69	4.0	12.0	76	33.3	
N829874		59	9.7	12.7	817	36.5	
N829875		63	24.4	4.9	443	20.6	
N829876		64	9.5	12.7	619	35.4	
N829877		3	0.2	0.8	20	<0.5	
N829878		65	2.4	15.2	55	39.2	
N829879		66	1.8	13.9	51	37.8	
N829880		63	5.7	11.8	430	32.4	
N829881		67	2.8	12.9	49	36.4	
N829882		3	0.1	0.8	14	<0.5	
N829883		58	5.0	13.2	51	38.2	
N829884		64	2.6	13.2	47	37.6	
N829885		70	2.6	13.6	49	38.5	
N829886		66	2.4	12.6	48	34.4	
N829887		66	2.9	13.0	47	34.9	
N829888		74	2.7	13.9	52	29.7	
N829889		68	1.9	12.2	45	26.8	
N829890		48	5.3	10.6	2870	21.2	299



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1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Project: Klaza-75

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 24-JUL-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12155876**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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To: **ROCKHAVEN RESOURCES LTD.**  
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Page: 1  
Finalized Date: 30-JUL-2012  
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**CERTIFICATE WH12155877**

Project: Klaza-75

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 30-JUL-2012  
Account: ROCKHA

Project: Klaza-75

**CERTIFICATE OF ANALYSIS WH12155877**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N829891		3.59	0.035	24.5	7.24	26.7	2040	1.41	0.48	2.21	0.68	49.8	6.5	9	9.15	55.4
N829892		3.93	<0.005	0.08	7.08	10.2	1980	1.62	0.19	2.36	0.12	47.6	7.6	12	9.30	12.0
N829893		1.79	<0.005	0.11	6.66	9.1	2080	1.39	0.25	3.18	0.09	36.4	7.9	10	8.80	3.6
N829894		2.79	<0.005	0.06	7.82	11.6	1640	1.35	2.01	2.17	0.08	47.9	13.4	11	7.92	2.9
N829895		2.61	<0.005	<0.01	0.06	<5	20	0.05	0.02	21.3	0.06	1.21	1.3	1	0.16	4.5
N829896		3.61	<0.005	0.07	7.21	7.1	1980	1.58	0.37	2.44	0.11	56.8	6.3	10	8.59	7.7
N829897		3.60	<0.005	0.06	7.09	7.8	1930	1.43	0.24	2.51	0.13	44.6	6.9	7	7.56	5.0
N829898		2.72	<0.005	0.08	7.16	6.1	1930	1.59	0.20	2.39	0.13	42.9	5.3	9	8.89	9.5
N829899		2.91	0.034	0.42	7.04	87.7	1840	1.38	0.30	2.21	0.36	44.5	3.6	7	8.86	7.3
N829900		2.29	0.038	0.69	6.98	12.6	2560	1.26	0.91	1.56	0.08	45.5	2.1	7	7.95	107.5
N828801		5.45	<0.005	0.27	7.31	10.3	3110	1.17	0.53	1.61	0.11	46.7	3.0	5	7.43	14.2
N828802		2.99	<0.005	0.14	7.47	13.4	2240	1.44	0.31	1.39	0.10	51.7	1.4	7	12.90	6.9
N828803		1.29	<0.005	0.38	0.10	<5	30	0.06	0.03	19.45	0.06	1.42	0.5	<1	0.20	2.5
N828804		4.48	<0.005	0.31	6.84	17.3	1860	1.43	0.36	2.62	0.13	39.7	2.5	5	10.05	10.9
N828805		3.79	<0.005	0.17	7.25	10.1	1990	1.64	0.27	2.52	0.10	46.2	6.3	7	11.70	6.1
N828806		2.40	<0.005	0.81	7.11	11.3	2210	1.35	0.22	2.20	0.10	42.1	6.4	7	13.30	9.6
N828807		3.48	0.065	0.65	6.80	21.4	2340	1.42	0.42	2.60	0.24	39.5	6.1	5	14.80	207
N828808		1.67	0.032	0.37	6.76	199.5	1880	1.48	0.20	2.12	1.49	39.0	6.2	6	17.55	7.5
N828809		0.83	0.099	0.84	6.69	520	2760	1.48	0.21	2.53	3.43	43.3	6.6	4	17.50	8.5
N828810		2.76	<0.005	0.09	7.22	10.1	1990	1.69	0.21	2.25	0.12	45.9	6.5	7	14.50	6.9
N828811		4.18	0.006	0.11	6.82	17.7	2110	1.51	0.23	2.53	0.14	38.4	5.9	6	18.40	4.9
N828812		4.10	<0.005	0.32	6.56	20.1	1390	1.49	0.34	2.59	0.32	46.3	4.8	4	16.60	3.6
N828813		3.03	0.005	0.16	6.63	9.4	1660	1.57	0.29	2.33	0.08	42.6	3.8	7	13.85	3.2
N828814		0.23	0.796	10.30	6.44	1730	1570	1.35	5.61	1.84	40.9	41.8	15.0	18	15.70	105.0
N828815		4.00	<0.005	0.27	7.71	7.9	2110	1.93	0.24	2.50	0.16	46.7	6.1	9	10.85	5.7
N828816		3.53	<0.005	0.10	7.04	9.9	2300	1.44	0.20	2.39	0.10	42.4	5.3	6	8.87	3.7
N828817		4.83	<0.005	0.11	7.23	8.2	2020	1.61	0.27	2.58	0.14	47.0	7.4	9	9.48	12.9
N828818		5.51	<0.005	0.14	6.91	6.6	1980	1.56	0.42	2.45	0.16	42.1	6.5	7	10.85	9.2
N828819		<0.02	<0.005	0.11	6.97	6.9	1960	1.53	0.38	2.44	0.16	50.6	6.5	7	11.05	9.3
N828820		5.25	<0.005	0.09	7.35	7.8	2210	1.69	0.29	2.48	0.15	46.7	7.1	8	10.10	9.2
N828821		4.51	<0.005	0.07	7.05	8.0	2170	1.61	0.36	2.59	0.16	45.2	7.2	8	11.00	19.2
N828822		3.68	<0.005	0.09	7.02	10.5	1790	1.29	0.63	2.28	0.21	38.4	6.5	6	19.40	11.0
N828823		0.23	2.27	27.4	5.81	3220	1400	1.50	16.95	2.10	79.2	42.8	10.1	17	14.55	412
N828824		2.64	0.005	0.14	7.02	17.7	2000	1.69	0.59	2.74	0.20	40.5	8.2	11	15.05	26.2
N828825		4.79	<0.005	0.09	6.73	10.6	2120	1.74	0.93	2.64	0.20	39.2	7.6	11	13.10	10.1
N828826		5.44	<0.005	0.11	6.78	10.4	2020	1.54	0.53	2.56	0.10	37.8	6.7	12	14.25	12.7



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Plus Appendix Pages  
Finalized Date: 30-JUL-2012  
Account: ROCKHA

Project: Klaza-75

**CERTIFICATE OF ANALYSIS WH12155877**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N829891		2.79	18.95	0.13	1.3	0.083	2.88	27.9	11.5	0.69	623	1.37	2.04	8.7	2.8	530
N829892		2.72	18.05	0.14	1.5	0.047	2.79	24.5	12.3	0.67	581	1.48	2.09	9.1	2.4	550
N829893		2.69	16.00	0.07	1.3	0.045	2.99	18.3	12.6	0.65	554	1.08	2.12	7.9	2.4	540
N829894		3.25	17.65	0.10	1.4	0.123	2.62	24.7	18.3	0.84	574	0.99	2.96	8.7	2.8	580
N829895		0.45	0.31	<0.05	<0.1	<0.005	0.03	0.6	0.9	13.45	223	0.24	0.01	0.3	2.9	170
N829896		2.67	16.55	0.12	1.5	0.042	2.75	29.4	14.1	0.74	583	1.24	2.27	7.9	2.2	560
N829897		2.84	16.25	0.10	1.1	0.074	2.71	22.4	13.8	0.79	673	0.94	2.32	7.5	2.2	540
N829898		2.80	15.60	0.11	1.3	0.045	2.77	20.6	10.9	0.73	669	1.00	2.10	7.2	2.3	550
N829899		3.11	16.25	0.12	1.3	0.115	3.05	21.1	11.7	0.69	1140	0.74	1.94	7.4	2.4	550
N829900		2.61	14.60	0.11	1.5	0.189	3.65	24.0	13.4	0.53	911	0.82	1.47	7.0	1.7	420
N828801		3.06	15.95	0.13	1.2	0.186	3.13	25.4	18.7	0.74	1140	0.71	0.77	7.3	2.0	530
N828802		3.41	17.00	0.11	1.5	0.187	2.29	28.2	25.1	0.61	1120	0.27	1.93	7.8	2.2	570
N828803		0.46	0.33	0.06	<0.1	0.005	0.04	0.7	1.3	12.35	195	0.15	0.01	0.2	1.8	160
N828804		3.07	16.05	0.08	1.3	0.180	2.60	17.8	17.6	0.86	1170	0.56	1.82	6.8	2.2	520
N828805		2.72	16.75	0.12	1.3	0.052	2.75	21.2	10.6	0.70	604	1.18	2.04	7.7	2.3	550
N828806		2.79	15.95	0.13	1.3	0.062	2.82	19.6	16.9	0.65	703	3.27	1.51	7.6	2.3	580
N828807		2.90	15.40	0.11	1.3	0.104	2.70	19.8	60.0	0.79	1160	2.64	0.48	7.1	2.3	540
N828808		2.61	15.30	0.11	1.3	0.038	3.03	19.0	173.0	0.73	1300	2.01	0.16	7.1	2.1	540
N828809		2.82	14.90	0.11	1.1	0.040	2.78	21.7	159.5	0.87	1700	1.87	0.15	6.6	2.0	520
N828810		2.76	16.65	0.13	1.3	0.048	2.85	22.2	15.4	0.66	582	0.99	1.92	7.8	2.3	550
N828811		2.69	15.60	0.11	1.4	0.051	2.79	17.7	74.5	0.69	843	1.19	1.14	7.4	2.2	540
N828812		2.39	15.55	0.11	1.3	0.055	2.39	22.8	166.0	0.88	1080	1.94	0.09	7.2	2.2	510
N828813		2.65	15.60	0.11	1.3	0.057	2.75	20.1	40.6	0.53	620	0.89	1.60	7.3	2.1	530
N828814		5.04	14.80	0.10	1.3	0.880	2.74	20.3	23.9	0.68	1900	11.40	0.26	6.6	14.7	480
N828815		2.98	17.20	0.13	1.4	0.042	2.86	21.8	17.7	0.76	639	3.16	2.22	8.2	2.7	570
N828816		2.79	15.95	0.12	1.1	0.068	2.79	22.2	14.3	0.69	644	1.67	2.04	7.3	2.1	530
N828817		2.86	17.15	0.13	1.2	0.044	2.55	24.1	18.0	0.78	615	2.36	2.23	7.8	2.5	590
N828818		2.65	16.25	0.11	1.3	0.039	2.59	20.1	19.9	0.69	605	1.38	2.09	7.6	2.3	520
N828819		2.65	17.05	0.14	1.3	0.045	2.60	24.1	20.6	0.69	607	1.40	2.11	8.0	2.4	530
N828820		2.80	16.85	0.12	1.4	0.037	2.69	22.2	18.1	0.71	601	1.39	2.24	8.0	2.4	540
N828821		2.82	17.10	0.11	1.3	0.044	2.52	21.6	17.9	0.74	653	1.11	2.17	7.9	2.4	570
N828822		2.68	16.00	0.11	1.2	0.041	2.47	17.0	133.0	0.69	693	0.92	0.65	7.4	2.2	550
N828823		6.32	14.80	0.12	0.9	1.670	2.48	24.7	24.1	0.87	1780	12.55	0.04	5.6	15.6	410
N828824		2.95	17.15	0.10	1.1	0.041	2.46	21.0	21.1	0.69	617	1.34	2.07	8.3	3.3	580
N828825		2.95	16.90	0.13	1.2	0.037	2.53	20.0	22.4	0.72	652	1.44	2.07	8.5	3.0	550
N828826		2.82	16.45	0.12	1.1	0.036	2.61	19.6	16.3	0.69	642	1.46	2.10	8.1	2.6	530



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**CERTIFICATE OF ANALYSIS WH12155877**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N829891		171.0	114.5	0.002	0.12	70.2	9.9	1	1.9	393	0.64	<0.05	14.8	0.232	3.8
N829892		18.8	114.5	0.004	0.04	7.50	11.2	1	1.7	352	0.71	<0.05	14.9	0.234	4.2
N829893		14.2	108.0	<0.002	0.09	7.04	9.2	1	1.5	399	0.64	0.05	10.4	0.238	3.6
N829894		11.8	108.5	<0.002	0.35	11.20	11.0	1	1.9	249	0.73	0.86	14.1	0.251	4.8
N829895		1.3	1.5	<0.002	0.01	0.07	0.3	1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	1.0
N829896		17.9	111.0	0.002	0.05	3.39	9.8	1	1.9	366	0.72	0.08	14.4	0.239	4.3
N829897		15.9	105.0	0.002	0.04	3.60	9.6	<1	1.9	337	0.61	<0.05	11.3	0.238	4.0
N829898		19.9	100.0	0.002	0.03	6.28	9.1	<1	1.8	356	0.62	<0.05	11.8	0.242	3.6
N829899		164.5	119.5	<0.002	0.25	33.3	9.7	1	2.0	250	0.61	<0.05	12.0	0.246	4.0
N829900		13.9	138.5	<0.002	0.15	10.95	7.3	1	2.1	176.0	0.77	<0.05	17.9	0.186	5.5
N828801		10.7	117.0	0.003	0.16	13.15	9.6	1	2.4	115.0	0.61	<0.05	13.9	0.243	2.4
N828802		12.3	88.2	0.002	0.10	15.20	10.6	1	2.0	155.0	0.81	<0.05	14.2	0.249	4.2
N828803		1.9	1.6	<0.002	0.02	0.11	0.2	<1	0.3	38.9	<0.05	<0.05	0.2	<0.005	0.4
N828804		15.1	91.1	0.002	0.20	7.05	8.7	1	2.3	226	0.64	<0.05	11.2	0.229	4.7
N828805		16.2	102.0	0.002	0.04	4.41	9.7	1	1.9	355	0.65	<0.05	11.0	0.249	3.6
N828806		16.3	99.7	0.002	0.12	6.74	9.5	1	1.9	280	0.63	<0.05	11.8	0.251	3.3
N828807		21.9	96.1	0.003	0.24	20.4	9.1	1	1.8	192.0	0.63	<0.05	11.3	0.236	4.6
N828808		66.1	100.5	0.003	0.32	21.0	9.3	1	1.9	182.0	0.62	<0.05	11.4	0.244	5.0
N828809		154.0	109.5	0.002	0.58	25.1	8.9	1	1.9	191.5	0.55	<0.05	11.6	0.210	5.8
N828810		18.6	114.5	0.002	0.04	4.23	10.0	1	2.0	334	0.68	<0.05	13.0	0.245	4.2
N828811		18.7	96.2	0.003	0.12	8.73	9.1	1	1.9	265	0.68	<0.05	11.5	0.239	3.7
N828812		15.5	89.2	0.002	0.14	15.45	8.9	1	1.8	203	0.65	<0.05	11.8	0.217	4.7
N828813		14.1	103.5	0.002	0.01	7.50	9.5	<1	1.9	270	0.68	<0.05	11.8	0.236	3.2
N828814		1295	143.5	0.005	3.08	33.0	8.2	1	5.8	147.0	0.59	0.44	11.0	0.202	4.9
N828815		21.6	105.0	0.003	0.01	3.54	9.8	1	2.3	388	0.70	<0.05	11.7	0.258	3.3
N828816		15.9	103.5	0.004	0.03	3.74	9.5	<1	2.1	306	0.62	<0.05	11.9	0.246	2.9
N828817		20.9	101.0	0.003	0.03	2.80	10.6	1	2.1	392	0.64	<0.05	12.2	0.259	3.5
N828818		24.0	95.2	0.002	0.02	2.59	9.5	1	2.0	351	0.68	<0.05	12.3	0.237	3.7
N828819		23.5	104.0	0.004	0.02	2.57	9.7	1	2.2	353	0.69	<0.05	13.5	0.239	3.8
N828820		22.8	105.0	0.002	0.01	2.24	9.8	1	2.5	391	0.75	<0.05	12.5	0.251	3.8
N828821		21.8	94.4	0.004	0.02	2.31	10.4	<1	2.2	393	0.67	<0.05	11.4	0.247	4.0
N828822		23.3	77.4	0.002	0.07	15.25	9.3	<1	2.5	215	0.62	<0.05	9.7	0.247	3.2
N828823		2650	153.0	0.002	4.71	95.5	7.8	1	8.4	90.7	0.45	0.43	9.8	0.173	5.0
N828824		27.5	92.8	<0.002	0.08	3.16	10.9	1	4.5	380	0.65	<0.05	10.8	0.258	3.8
N828825		31.2	86.9	<0.002	0.06	2.05	10.2	1	2.0	368	0.70	<0.05	11.1	0.253	4.0
N828826		21.8	88.5	<0.002	0.03	2.53	9.8	1	1.7	372	0.65	<0.05	11.4	0.242	4.3





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**CERTIFICATE OF ANALYSIS WH12155877**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N829891		64	1.9	18.1	101	35.5
N829892		63	1.9	18.1	45	38.9
N829893		62	1.8	13.1	45	35.2
N829894		68	2.4	16.7	47	36.5
N829895		2	0.1	0.9	14	<0.5
N829896		65	1.2	17.8	46	39.3
N829897		64	1.3	16.2	48	31.9
N829898		66	1.3	15.2	50	31.3
N829899		65	2.1	14.6	87	32.1
N829900		48	5.1	12.9	48	35.6
N828801		64	4.2	13.7	63	30.6
N828802		73	4.7	16.7	66	37.1
N828803		3	0.1	0.8	13	1.4
N828804		64	4.0	14.0	59	30.9
N828805		67	1.8	14.9	48	32.9
N828806		69	5.6	14.8	53	32.0
N828807		65	3.5	15.3	68	31.3
N828808		66	2.8	14.3	153	32.7
N828809		58	2.7	15.2	255	31.1
N828810		66	1.7	15.9	52	34.4
N828811		64	1.8	13.9	48	32.9
N828812		59	2.2	15.1	66	32.5
N828813		64	2.0	14.5	51	31.6
N828814		56	5.1	10.8	2910	34.4
N828815		70	1.3	16.9	56	35.3
N828816		66	1.6	15.6	51	28.1
N828817		70	2.4	17.3	53	32.2
N828818		64	1.4	15.5	54	32.5
N828819		64	1.3	17.2	53	33.9
N828820		67	1.4	16.7	54	34.2
N828821		68	1.7	17.2	53	33.4
N828822		67	2.4	14.2	57	30.2
N828823		54	5.0	10.7	5130	25.0
N828824		70	1.5	15.5	58	31.9
N828825		69	1.5	15.2	62	32.8
N828826		66	1.2	14.4	48	31.5



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**CERTIFICATE OF ANALYSIS WH12155877**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12155878**

Project: Klaza-77

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12155878**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
M897237		11.76	0.018		0.39	7.12	67.1	1290	1.22	0.89	0.13	1.68	52.1	9.3	8	12.50
M897238		7.64	0.039		1.01	7.15	46.1	1480	1.29	1.76	0.18	3.40	51.5	15.6	8	18.55
M897239		11.78	0.014		0.35	7.88	25.4	2150	1.76	1.00	0.50	9.12	57.1	9.6	9	16.55
M897240		9.73	0.019		1.01	7.87	28.6	1790	1.33	2.77	0.45	33.5	59.8	15.2	8	17.50
M897241		4.53	0.087		4.60	7.49	121.0	890	1.93	5.54	0.94	38.9	57.0	11.2	10	20.7
M897242		5.23	0.018		0.90	7.61	35.6	510	1.97	0.59	1.22	13.35	63.6	13.8	31	41.5
M897243		14.83	<0.005		0.05	7.19	14.2	1090	1.85	0.12	2.32	0.69	57.2	6.8	20	38.0
M897244		11.82	<0.005		0.04	7.03	11.9	1870	1.93	0.12	2.52	0.35	55.2	5.7	15	32.5
M897245		6.79	0.006		0.17	6.87	19.1	960	1.82	0.24	2.65	0.47	53.8	5.9	19	21.9
M897246		6.28	0.015		0.94	7.11	42.6	1250	1.89	1.10	2.24	1.95	57.7	7.3	27	23.3
M897247		4.75	0.174		9.91	6.98	919	350	2.00	11.60	0.53	44.0	62.8	13.0	9	35.1
M897248		2.22	<0.005		0.02	0.10	<5	20	0.06	0.04	19.45	0.09	1.21	1.8	1	0.46
M897249		10.35	0.005		0.36	5.19	22.3	890	2.11	0.61	0.43	2.00	17.00	1.0	4	22.5
M897250		0.22	0.769		10.10	6.54	1780	300	1.44	6.33	1.82	40.6	43.7	16.2	21	17.15
M897401		12.71	0.006		0.37	7.12	13.6	1920	1.75	1.23	1.89	1.72	39.8	10.2	9	12.40
M897402		6.19	0.008		0.32	7.31	13.0	2110	1.70	1.07	1.70	1.30	40.0	9.8	8	14.00
M897403		4.39	0.105		2.48	5.84	81.4	370	1.50	4.19	0.46	9.71	39.6	63.1	9	9.53
M897404		11.57	0.016		1.14	7.15	31.3	490	1.51	1.91	1.15	4.42	46.4	27.4	9	13.35
M897405		4.07	0.015		2.27	6.86	39.3	300	1.29	3.67	1.24	1.99	35.5	43.1	8	13.30
M897406		2.32	<0.005		0.03	0.07	<5	20	0.05	0.14	21.2	0.07	1.44	1.5	2	0.18
M897407		7.64	0.006		0.96	6.90	20.5	800	1.13	1.50	1.50	1.87	47.4	13.5	14	17.30
M897408		<0.02	0.009		0.90	6.89	18.7	720	1.27	1.38	1.52	1.67	48.1	14.2	8	17.55
M897409		6.76	0.023		1.72	6.93	45.9	480	1.13	1.53	1.38	9.25	46.4	19.1	7	15.75
M897410		4.86	0.016		1.46	6.79	33.1	530	1.10	1.46	1.22	3.52	47.0	23.4	8	15.55
M897411		0.21	0.767		10.45	6.41	1710	490	1.52	5.19	1.78	41.9	41.5	16.7	24	17.30
M897412		11.11	0.015		1.23	6.88	34.5	390	1.51	1.69	2.59	8.18	52.0	22.0	7	15.70
M897413		5.48	0.127		3.63	6.16	83.3	590	1.40	4.75	0.82	3.59	40.0	44.3	8	17.45
M897414		11.79	0.010		0.80	6.91	35.2	670	1.55	1.61	2.00	1.03	61.5	27.2	9	15.50
M897415		13.45	0.005		0.37	6.71	24.3	500	1.41	1.82	1.84	0.40	43.0	17.8	8	15.30
M897416		8.22	0.094		2.62	6.31	141.5	480	1.45	2.92	0.88	4.09	54.2	27.9	7	11.60
M897417		5.36	>10.0	14.65	>100	3.40	3370	110	0.98	691	2.12	238	31.3	6.9	5	5.63
M897418		4.51	0.060		2.41	6.40	202	1180	1.77	2.63	2.14	4.75	40.3	7.6	6	34.4
M897419		10.23	0.043		2.37	7.33	57.8	2000	1.39	3.31	1.23	3.39	49.4	10.1	8	20.3
M897420		4.47	0.193		4.97	6.90	904	1330	1.76	6.52	1.53	99.7	50.2	6.8	6	20.9
M897421		5.61	0.044		0.65	7.47	87.9	1960	1.50	0.79	1.20	4.59	53.5	6.8	9	19.70
M897422		6.01	0.205		2.60	6.61	366	940	1.56	2.10	1.70	25.6	49.0	6.1	7	18.00



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**CERTIFICATE OF ANALYSIS WH12155878**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M897237		152.0	3.13	15.70	0.10	1.3	0.196	1.02	28.9	60.7	0.11	187	1.72	0.03	7.9	2.3
M897238		148.0	3.69	15.30	0.14	1.2	0.279	1.50	29.2	46.3	0.18	382	0.90	0.05	8.0	3.4
M897239		40.4	3.57	16.90	0.16	1.5	0.157	2.18	31.4	31.5	0.45	667	1.14	1.22	9.0	3.0
M897240		127.5	3.69	16.85	0.17	1.3	0.201	1.28	32.6	66.3	0.35	1530	1.14	0.07	9.1	4.0
M897241		220	5.20	18.10	0.19	1.6	0.655	2.80	32.1	15.1	0.74	1450	29.2	0.06	8.5	6.7
M897242		21.9	2.66	19.65	0.17	4.4	0.080	2.33	34.5	27.3	0.64	1200	6.52	0.08	10.3	21.6
M897243		8.1	2.34	18.70	0.13	2.7	0.027	2.42	29.9	34.2	0.82	755	0.70	0.09	10.0	11.4
M897244		5.6	2.29	18.65	0.15	2.0	0.034	2.26	28.0	64.5	0.84	672	0.47	0.17	10.2	7.1
M897245		10.4	2.12	18.45	0.14	2.5	0.029	1.64	27.8	161.5	0.89	662	0.76	0.26	9.8	10.6
M897246		22.0	2.13	18.60	0.15	3.8	0.043	1.57	30.6	90.6	0.92	676	2.62	0.14	10.2	20.5
M897247		212	4.58	17.35	0.20	2.0	0.546	2.36	35.1	39.7	0.46	726	5.02	0.05	11.9	9.7
M897248		3.3	0.44	0.41	<0.05	<0.1	0.005	0.03	0.6	1.2	11.90	199	0.24	0.01	0.4	<0.2
M897249		5.0	0.63	15.70	0.06	2.5	0.032	1.69	8.3	35.0	0.21	257	6.95	0.06	17.0	1.8
M897250		105.5	5.15	14.70	0.17	1.3	0.933	2.72	24.0	23.8	0.70	1890	11.90	0.26	7.9	15.2
M897401		7.7	2.15	15.35	0.13	1.3	0.157	3.04	18.3	12.4	0.71	667	0.72	0.22	6.4	2.2
M897402		9.8	2.04	16.05	0.13	1.3	0.150	3.09	19.4	15.8	0.69	658	1.93	0.16	7.2	2.1
M897403		23.6	4.61	13.40	0.14	0.8	0.448	2.73	22.9	8.9	0.51	969	1.26	0.05	4.3	3.3
M897404		27.5	3.59	15.20	0.15	1.2	0.168	2.82	27.1	20.0	0.61	798	6.38	0.05	6.8	2.5
M897405		9.1	5.41	15.25	0.12	1.1	0.288	2.77	16.7	17.6	0.59	708	4.26	0.09	6.2	3.6
M897406		2.5	0.47	0.50	0.23	<0.1	0.011	0.03	0.7	0.9	12.75	217	0.10	<0.01	0.2	2.4
M897407		11.3	2.73	16.30	0.08	1.1	0.116	2.22	25.2	27.8	0.60	711	9.11	0.07	6.6	2.1
M897408		8.7	2.76	15.65	0.13	1.1	0.116	2.20	25.6	28.9	0.61	720	9.09	0.07	6.6	2.1
M897409		162.0	3.40	15.60	0.14	1.3	0.223	2.66	23.6	25.8	0.57	783	5.52	0.05	7.4	2.4
M897410		151.5	3.35	15.35	0.14	1.3	0.119	3.26	26.8	21.2	0.53	563	11.20	0.08	7.1	2.8
M897411		106.5	5.20	14.45	0.16	1.3	0.858	2.72	21.6	25.9	0.67	1900	12.00	0.24	7.3	17.9
M897412		17.5	3.63	14.80	0.15	1.2	0.211	2.74	28.5	22.5	0.80	1000	1.52	0.04	6.4	2.3
M897413		39.6	4.08	13.60	0.12	1.0	0.214	2.80	22.1	21.5	0.38	524	24.4	0.09	5.2	3.2
M897414		135.0	2.92	15.60	0.16	1.2	0.122	2.77	32.2	23.5	0.65	519	0.90	0.60	7.5	3.0
M897415		6.7	2.91	14.35	0.13	1.2	0.105	2.89	21.4	18.5	0.67	533	0.76	0.45	6.6	2.8
M897416		115.5	5.03	14.80	0.18	1.1	0.291	2.97	29.1	9.0	0.60	1020	2.23	0.03	5.4	2.8
M897417		7970	11.80	13.85	0.29	0.6	9.02	1.52	15.3	12.3	0.78	2160	31.1	0.02	3.3	1.9
M897418		98.1	3.30	14.25	0.09	1.2	0.238	2.59	22.0	21.6	0.89	1490	3.07	0.03	6.3	2.5
M897419		90.2	3.30	15.30	0.14	1.4	0.179	3.05	26.6	26.0	0.49	799	2.03	0.10	7.7	2.6
M897420		54.0	4.19	14.85	0.14	1.4	1.035	2.98	27.8	21.9	0.66	1900	2.29	0.05	7.2	2.3
M897421		16.7	3.40	16.05	0.17	1.5	0.100	3.04	29.3	30.1	0.56	1120	1.91	0.12	8.5	2.5
M897422		30.4	4.56	14.45	0.17	1.2	0.392	3.12	26.9	13.4	0.86	2200	2.58	0.04	6.9	2.3



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Project: Klaza-77

**CERTIFICATE OF ANALYSIS WH12155878**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.2	% 0.005	ppm 0.02
M897237		580	28.2	66.6	<0.002	0.40	44.0	9.2	1	2.3	248	0.64	0.13	14.6	0.214	0.94
M897238		540	28.2	101.0	<0.002	0.73	49.1	10.2	2	3.1	132.0	0.65	0.43	14.8	0.221	1.44
M897239		590	24.0	108.0	<0.002	0.21	16.55	10.8	2	5.1	183.5	0.74	0.15	16.4	0.248	1.38
M897240		630	79.0	82.0	<0.002	0.43	37.8	10.5	2	2.9	170.5	0.69	0.20	15.5	0.248	1.19
M897241		560	476	160.0	0.002	2.29	28.1	9.7	2	7.5	141.5	0.63	0.49	13.9	0.227	2.40
M897242		620	101.5	105.5	0.002	0.17	19.90	6.1	2	2.1	229	0.77	<0.05	12.7	0.262	1.48
M897243		740	22.4	102.5	<0.002	0.07	9.95	6.1	1	1.5	230	0.72	<0.05	10.3	0.266	1.40
M897244		790	20.6	89.4	<0.002	0.14	5.93	6.0	1	1.5	216	0.66	<0.05	9.4	0.268	1.34
M897245		730	28.1	60.5	<0.002	0.11	6.58	6.0	1	1.4	304	0.67	<0.05	9.8	0.264	1.10
M897246		660	62.2	64.7	<0.002	0.21	9.37	6.1	1	1.7	399	0.74	<0.05	11.3	0.256	1.20
M897247		440	1070	135.5	0.002	3.27	66.0	7.3	2	7.1	171.0	0.99	0.33	15.1	0.180	2.34
M897248		160	2.2	2.1	<0.002	0.02	0.13	0.4	2	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	0.02
M897249		70	44.1	98.9	<0.002	0.06	40.6	2.6	1	2.5	60.0	1.90	<0.05	16.5	0.039	1.12
M897250		470	1275	154.0	0.002	3.09	34.0	8.3	2	5.9	147.0	0.61	0.27	11.8	0.205	2.42
M897401		550	33.3	139.0	<0.002	0.79	7.77	10.0	1	2.7	92.8	0.54	0.27	14.1	0.179	2.28
M897402		550	27.0	146.5	<0.002	0.71	8.66	10.2	1	2.3	105.0	0.58	0.26	14.5	0.199	2.24
M897403		410	265	163.5	<0.002	2.58	7.73	6.8	2	6.0	16.9	0.33	1.32	9.7	0.129	2.20
M897404		560	187.5	146.0	<0.002	2.07	18.05	9.8	2	3.0	43.9	0.50	0.37	13.5	0.198	2.18
M897405		530	124.0	131.0	<0.002	3.84	9.74	9.9	2	3.5	43.4	0.48	1.72	11.7	0.181	1.96
M897406		160	2.4	1.8	<0.002	0.01	0.07	0.2	1	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	<0.02
M897407		520	87.1	110.0	<0.002	1.27	27.7	9.7	1	2.4	52.9	0.54	0.39	13.1	0.198	1.68
M897408		520	83.4	105.5	<0.002	1.28	27.1	9.7	1	2.3	51.6	0.52	0.34	12.9	0.196	1.67
M897409		540	181.0	116.5	<0.002	1.74	60.6	9.8	2	2.4	74.1	0.62	0.27	13.3	0.204	2.01
M897410		510	120.5	140.0	0.002	2.03	33.0	9.0	2	2.5	103.5	0.60	0.38	13.2	0.197	2.20
M897411		470	1320	146.0	0.002	2.88	33.4	8.4	2	6.3	140.5	0.57	0.51	11.1	0.190	2.29
M897412		560	241	129.0	<0.002	2.01	11.15	10.1	2	3.7	65.1	0.51	0.40	13.1	0.193	2.12
M897413		410	112.5	147.5	0.003	2.22	23.2	8.0	2	5.7	77.9	0.43	2.59	10.3	0.158	2.16
M897414		540	61.6	101.0	0.002	1.36	9.23	10.2	2	3.9	189.0	0.62	0.50	13.6	0.208	1.80
M897415		520	26.8	128.5	<0.002	1.57	6.90	9.6	2	3.5	136.0	0.55	0.76	13.2	0.180	2.12
M897416		480	114.0	190.5	<0.002	3.42	28.9	9.2	2	8.6	33.4	0.43	0.74	12.8	0.148	3.21
M897417		210	>10000	89.6	0.002	>10.0	899	5.1	13	45.1	38.7	0.25	2.20	5.8	0.084	1.61
M897418		460	186.5	149.0	<0.002	1.00	31.1	8.7	1	5.0	83.1	0.51	0.18	12.5	0.176	2.51
M897419		550	129.5	138.5	<0.002	0.51	15.45	10.0	2	11.3	87.0	0.63	0.21	15.0	0.219	1.99
M897420		520	332	148.0	<0.002	1.23	14.10	9.6	2	5.4	66.5	0.62	0.05	14.0	0.207	2.55
M897421		560	103.5	139.0	<0.002	0.31	12.45	10.4	2	2.3	90.7	0.67	0.05	14.6	0.231	1.92
M897422		500	701	155.5	<0.002	1.60	9.53	9.4	2	5.2	64.2	0.54	<0.05	12.4	0.202	2.90



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Plus Appendix Pages  
Finalized Date: 23-JUL-2012  
Account: ROCKHA

Project: Klaza-77

**CERTIFICATE OF ANALYSIS WH12155878**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M897237		5.9	56	4.0	14.5	398	32.6			
M897238		5.9	61	3.3	16.2	552	29.9			
M897239		4.7	66	2.7	17.2	601	37.6			
M897240		3.6	61	3.9	19.5	1370	34.3			
M897241		10.5	64	5.5	14.8	1740	49.4			
M897242		17.2	51	3.5	18.2	1070	159.5			
M897243		5.6	49	3.5	13.4	129	88.1			
M897244		4.8	48	3.5	12.8	93	58.7			
M897245		4.1	48	6.2	12.6	107	82.7			
M897246		6.4	49	9.0	12.9	214	136.5			
M897247		11.4	46	6.3	13.3	3940	55.6			
M897248		0.4	1	0.1	0.8	17	0.6			
M897249		6.0	7	1.7	10.5	83	44.4			
M897250		5.3	56	5.0	11.7	2900	38.7			
M897401		4.9	59	1.2	12.6	188	34.7			
M897402		4.8	64	1.5	13.5	157	36.8			
M897403		3.3	54	2.0	8.4	966	23.1			
M897404		4.5	65	1.9	12.7	403	33.2			
M897405		3.7	62	2.4	14.3	205	30.2			
M897406		0.6	2	0.1	1.0	13	<0.5			
M897407		5.8	65	1.9	12.9	184	32.7			
M897408		5.6	64	1.8	12.8	176	31.7			
M897409		4.3	65	2.3	14.4	614	35.3			
M897410		4.4	64	2.1	14.6	330	35.7			
M897411		4.8	55	5.2	10.5	2880	38.8			
M897412		5.4	64	3.2	15.0	568	32.1			
M897413		4.7	59	3.3	11.1	794	27.7			
M897414		7.9	61	1.7	15.4	152	33.3			
M897415		4.9	61	1.6	13.7	93	33.5			
M897416		3.1	54	5.1	11.3	487	31.2			
M897417		3.8	31	6.4	9.8	>10000	15.4	392	1.590	1.735
M897418		3.8	56	4.2	14.1	429	30.2			
M897419		3.4	62	4.9	15.3	293	39.4			
M897420		3.9	61	5.2	13.7	5560	36.3			
M897421		3.5	66	4.8	15.6	391	42.4			
M897422		3.7	61	6.7	12.6	1620	34.0			



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**CERTIFICATE OF ANALYSIS WH12155878**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12155879**

Project: Klaza-77

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12155879**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897423		11.12	0.059	1.87	7.07	141.5	2260	1.41	2.38	2.12	6.31	52.1	11.2	6	19.35	39.1
M897424		7.64	0.142	3.38	7.23	379	1200	1.39	1.63	2.11	15.40	58.7	6.1	4	23.0	37.4
M897425		2.78	<0.005	0.01	0.11	<5	20	0.08	0.02	21.2	0.09	1.44	2.1	<1	0.89	1.6
M897426		10.07	0.016	0.87	6.94	97.5	1650	1.32	0.92	1.86	6.44	47.1	7.8	9	16.70	32.0
M897427		5.43	0.027	1.41	7.28	105.5	1620	1.21	1.45	0.86	6.46	53.7	5.7	6	15.80	23.6
M897428		4.48	0.347	5.53	6.82	329	730	1.40	8.26	0.85	23.0	53.3	5.3	5	17.15	132.0
M897429		1.85	<0.005	0.02	0.09	<5	20	0.06	0.04	20.8	0.11	1.49	2.3	<1	0.25	1.8
M897430		5.53	0.152	2.77	6.54	244	860	1.26	4.73	0.79	7.13	48.3	5.9	5	20.6	107.0
M897431		7.05	0.013	0.51	7.28	39.5	1800	1.05	0.44	0.69	2.42	46.8	6.1	6	13.20	26.3
M897432		4.50	0.012	0.28	7.87	16.0	2050	1.26	0.26	1.15	0.60	58.6	6.1	4	14.85	41.2
M897433		4.01	0.008	0.29	8.00	16.1	2170	1.22	0.29	1.22	0.60	60.6	6.8	5	14.00	35.8
M897434		4.16	0.020	0.22	7.38	38.2	3080	1.33	0.37	1.55	0.45	62.7	10.6	8	12.05	31.9
M897435		12.24	0.009	0.12	7.95	21.4	2490	1.32	0.25	1.11	0.18	54.6	7.4	11	10.95	19.8
M897436		3.69	0.037	1.09	7.45	50.3	1450	1.27	0.24	1.95	20.2	48.1	7.3	8	14.95	26.3
M897437		0.22	2.23	24.3	5.91	2960	1780	1.29	17.10	2.22	74.5	43.9	11.1	19	14.05	429
M897438		4.75	0.214	1.25	6.74	366	920	1.41	1.35	1.84	4.35	53.2	7.3	7	24.7	30.0
M897439		12.42	0.014	0.18	7.92	75.0	1720	1.39	0.26	0.94	0.43	55.9	7.6	8	14.05	19.9
M897440		7.39	<0.005	0.11	7.25	8.4	1900	1.52	0.22	2.52	0.19	41.4	5.5	7	16.70	8.2
M897441		13.53	<0.005	0.11	7.40	10.1	2060	1.51	0.30	2.54	0.12	45.2	8.0	9	10.80	4.8
M897442		4.12	0.040	1.05	6.88	59.4	1540	1.26	1.56	3.38	1.96	47.4	24.0	8	9.54	7.6
M897443		11.58	0.016	0.89	7.58	33.9	1320	1.75	1.60	1.84	1.05	62.7	8.1	10	11.70	7.9
M897444		10.03	0.024	0.48	7.84	49.8	1130	1.63	1.50	1.85	1.17	56.2	13.3	10	15.05	18.5
M897445		0.22	0.828	10.25	6.87	1820	1750	1.44	6.52	1.96	42.8	50.1	16.7	22	17.40	116.5
M897446		11.59	<0.005	0.27	7.44	13.0	1880	1.46	0.54	2.16	0.16	54.5	9.2	9	12.75	17.8
M897447		11.32	0.006	0.39	7.13	8.9	1770	1.37	0.60	3.56	0.56	56.1	8.2	7	12.75	13.3
M897448		12.33	<0.005	0.14	7.15	6.1	1940	1.33	0.27	3.24	0.15	53.4	6.0	8	20.5	5.8
M897449		11.46	0.050	1.04	7.35	254	1990	1.44	1.17	2.57	2.12	53.5	6.4	8	13.55	29.9
M897450		7.16	<0.005	0.33	7.47	9.4	1980	1.53	1.19	2.61	0.14	48.3	12.7	9	11.05	12.0
M897451		<0.02	0.005	0.30	7.50	9.7	1920	1.51	1.13	2.65	0.14	49.9	11.9	9	11.15	11.1
M897452		7.06	0.252	4.04	6.70	776	580	1.39	5.81	1.82	3.42	51.3	6.5	8	24.2	89.3
M897453		4.34	0.027	0.28	6.96	93.0	1590	1.45	0.64	2.98	0.25	44.7	7.1	9	19.20	11.1
M897454		3.61	0.028	0.23	6.74	106.5	1380	1.54	0.49	4.11	0.14	55.3	7.5	8	16.70	4.5
M897455		9.02	<0.005	0.15	7.11	17.7	2430	1.53	0.25	2.71	0.15	46.2	7.8	8	18.40	3.2
M897456		5.00	0.030	0.18	7.22	133.5	1870	1.54	0.20	2.59	0.15	48.8	6.2	12	14.35	4.6
M897457		8.90	0.025	0.21	6.83	152.0	1860	1.70	0.19	2.77	0.17	47.5	5.3	11	15.20	4.1
M897458		4.00	0.073	0.53	7.05	331	2990	1.52	0.43	3.48	1.29	53.4	8.7	10	24.4	5.6



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 Plus Appendix Pages  
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 Account: ROCKHA

Project: Klaza-77

**CERTIFICATE OF ANALYSIS WH12155879**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897423		3.82	13.95	0.21	1.3	0.197	3.51	26.1	23.2	0.66	1100	1.69	0.46	7.8	2.2	570
M897424		4.37	13.75	0.23	1.3	0.426	2.82	31.5	12.6	0.81	1480	1.60	0.03	7.7	2.1	550
M897425		0.49	0.61	0.37	<0.1	0.006	0.05	0.7	1.0	12.45	222	0.09	0.01	0.6	3.7	160
M897426		3.68	15.15	0.20	1.2	0.336	2.97	24.2	12.0	0.68	1120	1.41	0.55	7.5	3.0	550
M897427		3.83	14.95	0.23	1.3	0.214	3.09	29.4	16.9	0.45	994	1.86	0.09	7.7	2.1	580
M897428		5.34	14.55	0.22	1.2	0.552	2.87	29.1	9.9	0.58	1160	3.30	0.03	6.6	2.5	500
M897429		0.46	0.58	0.40	<0.1	0.012	0.04	0.7	0.8	12.25	214	0.25	0.01	0.5	3.9	180
M897430		4.66	15.20	0.21	1.2	0.157	2.63	27.2	18.0	0.48	1600	16.25	0.03	6.9	2.6	480
M897431		3.24	15.00	0.26	1.5	0.090	2.87	23.6	21.1	0.29	922	2.99	0.11	8.0	2.0	590
M897432		3.21	15.10	0.25	1.6	0.050	3.13	30.5	17.1	0.45	684	1.77	0.26	8.4	2.2	660
M897433		3.11	15.25	0.28	1.6	0.048	3.25	31.5	18.7	0.53	624	2.10	0.31	8.3	2.1	630
M897434		3.22	16.35	0.13	1.1	0.070	3.11	36.6	22.1	0.57	1060	1.72	0.06	6.7	2.9	530
M897435		3.15	18.65	0.15	1.3	0.041	3.17	30.8	23.2	0.42	722	1.51	0.30	8.4	2.7	610
M897436		3.23	16.95	0.15	1.1	0.088	3.18	26.6	24.7	0.67	1080	1.85	0.07	7.5	2.3	530
M897437		6.61	14.95	0.16	0.9	1.630	2.66	25.2	21.6	0.91	1860	13.75	0.04	6.2	16.2	430
M897438		3.90	15.95	0.13	1.1	0.197	2.70	31.4	26.8	0.75	1460	3.14	0.04	6.9	2.7	470
M897439		3.25	18.50	0.16	1.2	0.075	2.89	31.8	33.7	0.45	1060	1.33	0.07	8.5	3.2	610
M897440		2.93	16.95	0.14	1.2	0.045	2.76	21.7	22.7	0.71	609	2.80	0.96	8.1	2.5	580
M897441		2.92	17.35	0.15	1.2	0.048	2.80	24.0	13.9	0.70	568	2.91	1.80	8.2	2.5	570
M897442		3.95	12.65	0.17	0.8	0.142	2.87	27.9	10.6	0.93	1260	12.05	0.26	5.2	2.9	550
M897443		3.42	17.85	0.18	1.1	0.214	2.76	39.1	16.0	0.68	1020	4.51	0.63	7.2	1.9	570
M897444		3.15	17.30	0.08	1.3	0.207	2.50	28.9	15.5	0.59	959	2.81	0.85	7.7	2.5	600
M897445		5.50	16.10	0.12	1.4	0.972	2.91	26.8	24.0	0.73	2010	11.90	0.28	7.4	16.4	500
M897446		2.87	17.75	0.10	1.2	0.094	2.43	26.9	18.1	0.90	498	3.47	1.29	7.9	2.8	580
M897447		2.86	16.00	0.14	1.2	0.066	2.57	28.9	21.0	0.85	803	1.25	1.04	7.2	2.4	510
M897448		2.64	14.90	0.12	1.1	0.044	2.50	27.0	20.2	0.90	529	1.42	0.87	7.1	2.2	510
M897449		3.62	16.25	0.13	1.2	0.134	2.75	26.0	25.9	0.87	698	1.34	0.86	7.9	2.5	590
M897450		2.98	16.60	0.11	1.1	0.127	2.35	23.6	15.3	0.78	584	1.81	1.51	6.8	2.7	580
M897451		2.93	16.80	0.11	1.1	0.139	2.33	24.3	14.2	0.77	588	1.57	1.58	6.8	2.6	560
M897452		5.81	16.40	0.13	1.1	0.280	2.83	25.8	13.8	0.63	876	1.54	0.05	6.5	2.3	480
M897453		2.80	16.60	0.10	1.2	0.085	2.62	22.9	27.7	0.71	650	1.08	1.03	8.0	2.0	570
M897454		2.65	15.80	0.14	1.2	0.083	2.33	27.8	17.6	0.78	695	1.27	1.23	7.4	2.0	540
M897455		2.70	17.10	0.12	1.2	0.048	2.77	23.7	21.9	0.68	598	1.22	0.98	7.7	2.7	550
M897456		2.68	17.90	0.08	1.3	0.045	2.76	24.8	14.3	0.71	554	3.26	1.73	7.9	2.6	560
M897457		2.64	16.80	0.05	1.4	0.061	2.74	23.6	16.7	0.66	895	1.33	1.45	7.4	2.6	510
M897458		2.86	17.75	0.10	1.2	0.157	2.79	28.6	19.8	0.97	1600	1.78	0.17	7.6	2.8	510



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Project: Klaza-77

**CERTIFICATE OF ANALYSIS WH12155879**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897423		198.5	124.5	<0.002	1.11	7.88	9.7	1	3.4	155.5	0.68	0.06	10.6	0.230	2.33	3.1
M897424		749	119.0	<0.002	1.88	12.45	9.9	1	5.7	86.6	0.68	0.05	11.5	0.235	2.65	4.2
M897425		1.9	3.3	<0.002	0.01	0.18	0.4	1	<0.2	36.7	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M897426		93.0	135.5	<0.002	0.72	17.10	9.9	1	3.5	115.0	0.64	<0.05	11.1	0.230	2.28	3.6
M897427		244	138.0	<0.002	1.32	16.10	10.1	1	4.9	57.8	0.66	<0.05	13.6	0.236	2.08	4.0
M897428		499	138.0	<0.002	2.90	33.5	9.0	1	9.8	27.2	0.59	0.10	11.0	0.213	2.56	3.5
M897429		2.2	1.5	<0.002	0.01	0.18	0.4	1	<0.2	36.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M897430		224	142.5	<0.002	1.33	67.4	9.4	1	4.7	51.2	0.59	0.07	11.9	0.212	2.47	4.6
M897431		97.6	125.0	<0.002	0.26	25.5	10.6	1	3.0	63.4	0.74	<0.05	13.0	0.240	1.63	3.8
M897432		43.7	128.0	<0.002	0.18	11.20	11.0	2	8.8	68.1	0.75	<0.05	13.5	0.269	1.68	3.2
M897433		85.1	137.0	<0.002	0.21	12.70	10.7	2	3.5	74.2	0.76	<0.05	14.2	0.256	1.76	3.0
M897434		12.7	181.5	<0.002	0.60	28.2	11.4	1	1.8	71.3	0.55	<0.05	14.0	0.219	2.09	3.5
M897435		16.8	147.5	<0.002	0.19	14.65	12.7	1	1.9	79.3	0.69	<0.05	14.9	0.267	1.69	3.4
M897436		745	126.5	<0.002	0.47	14.45	11.2	1	1.6	78.4	0.62	<0.05	12.0	0.235	2.07	4.8
M897437		2770	161.5	0.002	4.99	84.8	9.0	1	7.7	93.8	0.47	0.37	10.5	0.185	2.35	5.6
M897438		148.0	144.5	<0.002	1.14	25.7	10.7	1	3.0	56.1	0.57	<0.05	13.0	0.215	2.29	8.9
M897439		22.2	137.5	<0.002	0.33	21.5	14.2	1	3.4	59.0	0.71	<0.05	14.5	0.275	1.85	4.4
M897440		20.9	88.2	<0.002	0.10	5.39	11.3	1	2.7	172.5	0.68	<0.05	11.4	0.256	1.22	9.8
M897441		17.4	102.0	<0.002	0.17	3.65	11.8	1	2.0	275	0.68	<0.05	12.3	0.252	1.28	4.1
M897442		64.1	126.5	0.002	1.83	8.41	9.1	1	2.9	79.0	0.40	0.57	9.2	0.194	2.09	4.1
M897443		202	152.5	<0.002	1.17	9.67	12.4	1	4.2	83.0	0.60	0.35	14.7	0.226	2.29	4.4
M897444		52.3	123.5	0.003	0.91	10.40	11.6	1	4.4	85.3	0.76	0.26	13.7	0.256	1.98	5.9
M897445		1360	167.0	0.002	3.20	33.0	9.7	2	6.3	155.0	0.73	0.49	12.3	0.215	2.46	5.6
M897446		18.7	95.5	0.004	0.28	4.88	11.3	1	2.6	189.5	0.71	0.06	12.2	0.253	1.25	2.6
M897447		32.2	101.5	0.003	0.27	5.13	10.5	1	2.4	229	0.71	0.16	12.6	0.228	1.21	4.4
M897448		16.5	101.0	0.003	0.18	4.74	9.7	1	2.0	232	0.64	<0.05	11.2	0.222	0.96	4.2
M897449		54.9	105.5	0.002	1.09	7.88	11.1	2	2.9	185.5	0.78	0.14	13.1	0.254	1.25	4.2
M897450		16.6	95.5	0.002	0.69	4.24	10.8	1	3.0	197.5	0.67	0.17	13.0	0.217	1.31	3.8
M897451		15.5	101.5	<0.002	0.71	4.16	10.6	1	3.0	198.0	0.67	0.15	13.5	0.213	1.33	3.9
M897452		239	159.0	0.002	4.83	17.75	9.8	2	8.0	81.6	0.63	0.27	10.8	0.216	2.44	3.6
M897453		19.8	108.5	<0.002	0.52	6.36	10.1	2	2.7	209	0.73	0.10	10.9	0.252	1.53	4.8
M897454		16.0	104.0	0.002	0.75	5.95	10.7	2	3.2	235	0.66	0.14	10.3	0.233	1.50	4.0
M897455		16.6	107.0	<0.002	0.26	6.60	10.7	1	2.3	216	0.72	0.06	11.2	0.245	1.32	4.2
M897456		17.5	117.0	<0.002	0.23	5.29	10.7	1	2.2	299	0.64	<0.05	12.2	0.232	1.51	4.6
M897457		26.3	108.0	<0.002	0.27	5.52	8.3	1	2.4	278	0.68	<0.05	13.0	0.221	1.66	4.3
M897458		89.3	121.5	<0.002	1.11	11.05	10.2	1	4.2	156.5	0.61	0.12	11.9	0.218	2.25	5.3



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Project: Klaza-77

**CERTIFICATE OF ANALYSIS WH12155879**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897423		65	3.3	12.3	658	33.3
M897424		64	8.0	11.1	1120	33.0
M897425		3	0.1	0.7	16	0.5
M897426		65	3.9	12.0	570	33.5
M897427		67	4.4	12.5	622	35.6
M897428		59	6.1	9.4	1520	31.9
M897429		3	0.1	0.7	17	<0.5
M897430		59	5.6	11.1	789	33.8
M897431		66	5.1	13.3	326	38.7
M897432		78	4.3	15.4	88	38.2
M897433		73	3.9	15.1	80	38.1
M897434		65	3.2	16.2	126	34.4
M897435		71	4.0	16.6	58	38.9
M897436		66	2.6	13.3	1190	35.7
M897437		56	5.1	10.3	5340	27.6
M897438		60	4.0	13.6	379	34.8
M897439		76	5.8	15.9	75	39.1
M897440		68	3.3	16.7	49	36.7
M897441		67	2.3	15.6	44	38.3
M897442		64	2.5	13.4	214	24.1
M897443		65	2.9	16.0	129	32.8
M897444		74	3.0	18.0	118	34.7
M897445		59	5.1	13.0	3040	40.9
M897446		69	2.6	16.6	47	34.3
M897447		62	4.9	19.7	70	33.3
M897448		59	6.8	19.6	38	30.4
M897449		65	10.4	19.0	193	31.0
M897450		69	2.3	16.1	48	29.9
M897451		68	2.0	16.4	48	29.2
M897452		61	6.5	13.0	281	29.9
M897453		66	1.6	16.3	50	35.1
M897454		64	1.8	18.6	42	34.1
M897455		65	2.9	18.1	40	35.2
M897456		65	1.5	14.1	42	33.3
M897457		60	2.0	12.9	49	33.4
M897458		61	2.9	15.2	153	31.4



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Project: Klaza-77

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**CERTIFICATE OF ANALYSIS WH12155879**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12158890**

Project: Klaza-74 A/B

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12158890**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895237		3.70	<0.005	0.41	6.49	24.3	640	1.73	1.18	2.03	0.18	51.1	10.5	28	11.45	3.7
M895238		4.96	0.013	2.40	7.32	44.4	920	1.77	1.91	0.90	21.2	39.3	11.5	13	12.85	20.7
M895239		2.81	0.021	0.98	7.49	59.7	1060	1.65	1.86	0.81	1.41	72.8	8.5	16	9.74	14.8
M895240		1.52	<0.005	0.03	0.07	7	20	0.07	0.05	20.6	0.08	1.34	1.4	3	0.15	13.3
M895241		5.72	0.193	4.10	6.56	422	730	1.32	5.86	0.69	6.59	61.4	13.9	12	9.53	24.8
M895242		3.50	0.053	1.25	6.10	221	460	1.31	1.18	0.59	2.71	30.4	6.9	8	30.6	12.6
M895243		4.02	0.027	0.87	6.95	140.0	700	1.38	0.62	1.02	2.33	40.1	6.7	11	33.3	11.6
M895244		4.23	<0.005	0.30	8.01	34.0	1620	1.95	0.29	0.23	1.05	44.0	8.2	11	21.4	20.6
M895245		2.58	0.012	1.43	7.41	166.0	1470	1.84	0.40	0.22	2.75	41.6	10.7	9	20.9	8.9
M895246		1.91	<0.005	0.01	0.09	<5	20	0.08	0.02	20.3	0.08	1.40	1.5	2	0.87	1.8
M895247		5.71	0.014	0.39	7.17	59.9	1270	1.53	0.35	0.20	1.21	49.8	6.2	8	19.05	11.0
M895248		4.33	0.022	0.69	8.07	82.6	2130	1.81	0.99	0.30	1.66	51.2	9.5	10	25.3	39.0
M895249		9.68	<0.005	0.29	8.37	24.3	2400	1.79	0.16	1.59	0.89	57.7	9.6	13	15.55	13.5
M895250		5.62	<0.005	0.16	8.10	6.3	2280	1.53	0.13	2.05	0.35	57.4	9.4	10	11.25	13.6
M895251		7.67	<0.005	0.27	8.15	19.9	2100	1.42	0.49	0.60	0.78	53.5	8.1	13	17.70	8.6
M895252		6.00	<0.005	0.38	7.89	33.8	2060	1.47	0.22	0.57	0.91	49.9	7.1	9	17.85	9.1
M895253		5.89	<0.005	1.25	8.08	14.3	2380	1.33	0.22	0.50	0.46	55.1	6.8	9	11.10	13.2
M895254		5.63	<0.005	0.28	8.02	13.3	1980	1.43	0.19	1.26	0.38	43.6	6.4	8	11.75	14.7
M895255		7.09	<0.005	0.23	7.94	18.7	1820	1.65	0.39	1.15	0.54	54.3	7.0	8	15.80	11.2
M895256		7.16	0.017	0.37	7.48	49.4	1620	1.50	0.99	1.78	0.53	49.3	7.0	8	17.85	15.3
M895257		5.20	0.287	3.69	6.05	382	580	1.25	3.80	0.36	30.5	30.0	11.5	7	17.20	14.8
M895258		4.00	<0.005	0.12	7.95	9.8	1980	1.19	0.16	1.25	0.20	41.4	5.8	10	12.45	17.5
M895259		1.67	<0.005	0.10	8.27	12.3	1920	1.25	0.18	1.37	0.22	39.3	6.1	10	12.55	11.8
M895260		5.38	<0.005	0.18	7.24	24.0	1950	1.34	0.53	2.35	0.16	40.4	7.3	11	13.45	9.7
M895261		10.70	<0.005	0.14	7.55	13.0	2080	1.51	0.17	2.70	0.17	43.0	7.9	13	9.31	13.8
M895262		0.29	2.21	25.0	5.95	3260	1470	1.45	18.90	2.19	74.5	43.0	11.3	17	14.40	441
M895263		5.33	0.009	1.13	7.11	99.3	1810	1.68	1.20	1.72	0.26	37.0	11.3	9	21.1	120.0
M895264		12.50	<0.005	0.12	7.73	4.2	2100	1.59	0.18	2.85	0.09	47.1	7.9	14	8.93	23.4
M895265		<0.02	<0.005	0.11	7.89	3.5	2120	1.42	0.16	2.83	0.09	49.6	7.6	13	8.83	21.0
M895266		4.47	<0.005	0.64	7.71	6.2	1930	1.46	0.22	2.76	0.16	44.3	7.9	12	12.90	183.5
M895267		5.09	0.048	0.81	6.92	198.0	970	1.38	0.96	1.66	0.91	58.6	10.7	11	18.45	15.4
M895268		4.98	<0.005	0.14	7.25	4.7	2120	1.54	0.17	2.63	0.10	41.3	7.3	8	10.95	28.4
M895269		8.40	<0.005	0.32	7.07	13.5	1830	1.32	0.52	2.88	0.12	40.6	7.5	9	16.45	15.3
M895270		12.34	<0.005	0.13	6.97	5.7	1990	1.45	0.20	2.77	0.15	38.0	8.0	12	11.50	19.4
M895271		0.29	2.23	24.2	5.98	3410	1010	1.39	18.50	2.21	73.9	41.7	10.8	17	14.25	432
M895272		5.39	<0.005	0.06	7.43	3.4	2210	1.42	0.10	2.80	0.06	50.5	6.7	10	10.95	10.2





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**CERTIFICATE OF ANALYSIS WH12158890**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895237		3.30	15.55	0.18	1.1	0.044	2.91	25.7	32.9	0.67	1360	1.02	0.04	8.9	4.2	580
M895238		4.10	16.50	0.18	1.2	0.231	3.24	20.3	21.9	0.62	2360	0.82	0.06	8.5	3.6	580
M895239		4.94	17.75	0.23	1.2	0.155	3.30	37.5	7.9	0.62	2120	0.29	0.24	7.8	3.1	580
M895240		0.48	0.32	0.10	<0.1	<0.005	0.03	0.7	1.0	12.85	210	0.11	<0.01	0.2	1.1	180
M895241		4.74	18.40	0.20	1.1	0.359	2.98	31.3	7.0	0.38	1940	1.03	0.09	7.0	3.6	520
M895242		6.23	15.95	0.17	0.9	0.183	2.44	15.7	17.9	0.65	3650	1.10	0.04	6.1	3.0	440
M895243		4.98	17.55	0.19	1.0	0.199	3.00	21.3	13.2	0.64	4460	0.49	0.05	7.4	2.9	520
M895244		3.21	18.70	0.19	1.3	0.052	3.38	24.7	27.5	0.22	1440	6.61	0.06	9.5	2.9	700
M895245		3.45	17.45	0.21	1.1	0.078	3.23	25.5	16.0	0.27	4790	8.31	0.03	8.3	3.4	600
M895246		0.49	0.42	0.10	<0.1	<0.005	0.05	0.7	1.6	12.65	214	0.14	0.01	0.4	1.6	180
M895247		2.77	16.70	0.16	1.8	0.064	2.66	29.9	53.8	0.17	1260	5.80	0.05	9.1	2.2	530
M895248		4.24	19.20	0.20	1.4	0.144	2.81	32.0	35.1	0.19	2180	10.40	0.05	9.5	2.9	750
M895249		3.59	18.80	0.19	1.4	0.059	2.96	28.7	18.6	0.57	1300	3.13	1.78	9.4	4.4	740
M895250		3.38	17.60	0.16	1.2	0.040	2.67	28.9	21.7	0.74	775	1.45	2.19	8.6	3.1	750
M895251		3.41	17.85	0.18	1.1	0.061	2.81	30.9	38.0	0.31	1020	5.99	0.48	8.5	2.2	690
M895252		3.28	16.95	0.18	1.1	0.048	3.10	30.0	26.2	0.27	1280	5.60	0.73	8.3	2.0	620
M895253		2.89	18.55	<0.05	1.2	0.036	2.93	21.6	26.5	0.33	694	2.85	0.87	8.3	2.7	660
M895254		2.82	17.80	0.07	1.1	0.040	3.00	19.8	11.8	0.39	752	2.35	1.73	7.9	2.7	600
M895255		2.85	18.75	0.11	1.1	0.046	3.06	27.7	21.4	0.38	1320	2.64	1.30	8.0	2.9	610
M895256		3.13	17.15	0.12	1.1	0.086	3.28	23.4	19.8	0.42	2020	2.06	0.53	7.9	3.2	620
M895257		6.11	13.85	0.10	0.8	0.280	2.75	13.9	17.0	0.21	3180	4.86	0.04	5.8	3.2	470
M895258		2.68	20.0	0.09	1.1	0.042	2.78	19.4	32.7	0.33	752	1.19	0.12	8.6	2.4	690
M895259		2.80	20.8	0.10	1.1	0.039	2.70	18.2	37.8	0.35	768	1.25	0.12	8.8	2.6	720
M895260		3.29	17.80	0.12	1.1	0.054	3.21	18.3	19.2	0.49	864	1.85	0.97	8.2	2.8	620
M895261		2.99	18.10	0.12	1.2	0.034	2.71	20.0	10.9	0.76	674	1.34	2.25	8.3	3.1	600
M895262		6.70	14.30	0.18	0.9	1.805	2.59	23.2	30.0	0.92	1890	13.30	0.05	6.1	16.8	440
M895263		3.35	16.85	0.12	1.2	0.051	2.95	17.1	25.9	0.58	945	1.92	0.78	7.8	3.2	590
M895264		3.05	19.15	0.13	1.3	0.034	2.71	21.9	13.5	0.81	660	1.88	2.32	8.6	2.9	620
M895265		3.01	18.60	0.13	1.2	0.033	2.71	23.6	12.9	0.83	649	1.73	2.30	8.6	2.8	630
M895266		2.98	18.80	0.15	1.0	0.051	2.72	21.2	13.1	0.77	629	0.61	2.21	8.0	2.9	600
M895267		4.33	16.65	0.14	0.9	0.105	2.88	27.9	19.9	0.56	2900	1.63	0.23	7.1	3.0	560
M895268		3.28	17.70	0.12	1.1	0.043	2.87	18.2	10.4	0.69	806	1.66	1.73	8.2	2.7	600
M895269		3.07	18.10	0.13	1.2	0.052	3.16	18.2	18.2	0.53	977	1.51	0.34	8.5	2.7	640
M895270		3.02	17.35	0.13	1.1	0.036	2.62	17.0	9.0	0.74	753	1.51	2.01	8.1	3.3	590
M895271		6.88	14.25	0.19	0.9	1.760	2.58	22.1	30.1	0.93	1900	12.95	0.05	6.2	16.5	440
M895272		3.06	15.40	0.12	1.1	0.032	2.73	22.7	9.4	0.78	698	1.13	2.11	7.3	2.7	590



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Account: ROCKHA

Project: Klaza-74 A/B

**CERTIFICATE OF ANALYSIS WH12158890**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M895237		15.3	126.0	<0.002	0.22	5.39	12.5	1	1.9	67.3	0.73	<0.05	14.8	0.261	1.73	4.4
M895238		764	180.5	<0.002	0.69	9.00	13.7	1	2.7	51.0	0.73	<0.05	17.9	0.258	2.22	7.4
M895239		150.5	190.5	<0.002	0.81	7.23	13.7	1	4.3	61.2	0.61	<0.05	15.9	0.241	2.18	5.8
M895240		2.4	1.4	<0.002	0.02	0.07	0.4	1	<0.2	41.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M895241		560	173.0	<0.002	3.57	15.85	10.7	1	5.9	55.1	0.56	0.14	13.2	0.226	2.21	7.5
M895242		117.0	146.0	<0.002	1.80	15.40	9.9	1	3.9	98.0	0.46	<0.05	12.0	0.205	1.83	9.8
M895243		82.5	189.5	<0.002	1.23	10.95	11.4	1	3.3	97.1	0.58	<0.05	14.4	0.240	2.15	10.1
M895244		27.9	194.5	<0.002	0.01	17.00	15.1	1	2.0	51.9	0.76	<0.05	14.5	0.297	2.55	4.6
M895245		63.4	207	<0.002	0.01	18.20	13.9	1	1.6	45.3	0.65	<0.05	13.6	0.267	2.53	5.7
M895246		1.3	3.9	<0.002	0.01	<0.05	0.4	1	<0.2	41.4	<0.05	<0.05	0.2	<0.005	0.02	0.6
M895247		34.6	154.5	<0.002	0.01	23.7	10.4	1	1.8	63.8	1.01	<0.05	24.4	0.221	2.16	6.5
M895248		36.3	166.5	<0.002	0.02	32.6	14.3	1	2.5	47.1	0.81	<0.05	17.1	0.298	2.38	7.1
M895249		31.2	149.5	<0.002	0.01	6.19	15.5	1	2.0	304	0.73	<0.05	16.5	0.297	1.66	3.5
M895250		15.6	114.0	<0.002	<0.01	2.11	13.8	1	1.7	388	0.65	<0.05	16.0	0.267	1.12	2.4
M895251		15.8	161.5	<0.002	0.01	11.20	12.7	1	1.7	121.0	0.63	<0.05	16.7	0.256	1.81	4.1
M895252		26.9	165.5	<0.002	0.01	13.55	11.7	1	1.6	137.0	0.65	<0.05	17.4	0.242	1.85	4.2
M895253		22.8	137.5	<0.002	0.01	8.77	11.4	1	1.8	151.5	0.73	<0.05	13.9	0.278	1.29	2.7
M895254		19.3	141.0	<0.002	<0.01	4.61	10.5	1	1.9	278	0.76	<0.05	15.4	0.243	1.42	2.8
M895255		19.8	155.5	<0.002	0.04	6.08	12.2	1	1.9	232	0.71	<0.05	15.8	0.255	1.82	3.4
M895256		25.8	164.0	<0.002	0.19	11.05	11.9	1	2.8	129.5	0.70	<0.05	13.4	0.263	2.35	3.6
M895257		554	162.0	<0.002	3.93	32.2	9.1	1	2.3	59.6	0.47	<0.05	9.8	0.201	2.38	6.0
M895258		16.3	122.5	<0.002	0.03	12.75	13.4	1	3.2	97.1	0.66	<0.05	11.7	0.297	1.20	2.9
M895259		17.9	110.5	<0.002	0.03	13.35	14.5	1	1.9	99.6	0.68	<0.05	12.1	0.313	1.26	3.9
M895260		16.4	136.5	<0.002	0.06	6.23	11.9	1	1.8	174.5	0.68	<0.05	10.0	0.274	1.68	5.8
M895261		18.5	112.5	<0.002	0.03	1.52	12.1	1	1.7	377	0.73	<0.05	11.9	0.260	1.06	3.9
M895262		2820	172.0	0.002	4.92	93.7	8.9	2	8.3	96.4	0.48	0.56	12.4	0.181	2.33	5.4
M895263		24.0	144.0	<0.002	0.23	23.1	11.6	1	1.8	100.5	0.72	0.08	11.5	0.251	2.09	8.6
M895264		16.6	108.5	<0.002	0.01	1.16	12.7	1	1.8	416	0.78	<0.05	12.5	0.269	1.10	3.7
M895265		16.4	116.5	<0.002	0.01	1.10	12.7	1	1.8	415	0.76	<0.05	12.3	0.268	1.06	3.7
M895266		15.2	115.5	<0.002	0.03	2.12	12.7	1	2.1	401	0.67	<0.05	11.7	0.259	1.07	2.8
M895267		77.3	157.5	<0.002	1.57	17.20	11.3	1	2.5	107.0	0.59	<0.05	11.9	0.238	2.01	9.8
M895268		15.5	116.0	0.002	0.04	4.01	11.8	1	1.9	319	0.72	<0.05	11.1	0.263	1.30	4.2
M895269		16.4	137.0	<0.002	0.08	11.65	11.5	1	2.2	147.5	0.74	0.05	10.4	0.276	1.88	5.7
M895270		14.2	101.5	<0.002	0.02	2.94	11.5	1	1.8	354	0.70	<0.05	9.6	0.262	1.23	3.6
M895271		2850	173.5	0.002	4.90	91.7	8.8	2	8.1	94.3	0.47	0.42	11.9	0.182	2.32	5.3
M895272		17.3	96.1	<0.002	0.02	1.87	9.8	1	1.6	380	0.66	<0.05	13.4	0.258	1.19	2.7



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**CERTIFICATE OF ANALYSIS WH12158890**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895237		73	1.7	12.4	77	26.6
M895238		73	3.2	11.7	2180	27.4
M895239		74	3.5	9.4	249	30.7
M895240		1	0.1	0.8	17	<0.5
M895241		75	4.9	6.7	673	26.0
M895242		65	5.1	6.1	382	22.0
M895243		75	9.7	9.6	339	23.2
M895244		91	3.4	14.9	82	29.0
M895245		79	3.2	16.0	237	26.3
M895246		1	0.1	0.9	13	<0.5
M895247		69	4.0	15.6	114	40.3
M895248		93	7.3	19.5	146	32.2
M895249		91	2.5	19.6	116	33.0
M895250		88	2.0	20.1	70	31.7
M895251		83	4.2	18.6	89	29.7
M895252		77	2.8	17.7	106	28.0
M895253		76	9.2	13.4	88	28.8
M895254		68	2.2	14.6	71	27.7
M895255		72	3.0	17.2	87	26.6
M895256		75	3.1	14.5	116	26.4
M895257		60	3.8	10.6	1970	19.7
M895258		80	6.1	14.1	64	28.7
M895259		86	6.5	14.0	70	28.4
M895260		78	4.0	15.3	58	26.6
M895261		74	1.3	16.6	56	29.9
M895262		56	4.8	10.8	5330	26.9
M895263		73	2.2	14.1	75	28.7
M895264		76	1.2	17.0	51	30.0
M895265		76	1.2	18.4	50	28.2
M895266		75	1.3	16.5	57	25.2
M895267		71	4.1	13.5	124	22.2
M895268		75	1.8	15.4	54	26.7
M895269		80	3.2	15.1	60	28.5
M895270		75	1.2	14.0	52	27.5
M895271		56	4.7	10.6	5360	25.7
M895272		73	1.0	13.9	50	24.4



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**CERTIFICATE OF ANALYSIS WH12158890**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12158891**

Project: Klaza-74B

P.O. No.: Batch 3

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
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Plus Appendix Pages  
Finalized Date: 28-JUL-2012  
Account: ROCKHA

Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12158891**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895273		5.47	<0.005	0.11	7.20	4.1	2010	1.36	0.12	2.68	0.07	40.3	7.3	11	15.10	11.9
M895274		13.19	0.005	0.22	7.62	5.6	2140	1.52	0.13	3.15	0.08	56.0	10.3	15	11.75	13.9
M895275		0.26	2.28	26.0	6.04	3520	1230	1.32	19.35	2.22	78.9	47.4	9.8	19	14.55	431
M895276		9.23	0.005	0.39	6.77	135.5	1890	1.25	0.19	2.74	0.12	40.1	6.9	10	14.80	11.3
M895277		8.51	<0.005	0.11	6.69	22.9	1670	1.33	0.09	2.53	0.11	43.5	6.5	9	16.15	13.4
M895278		4.17	<0.005	0.07	6.96	5.2	1440	1.05	0.12	2.36	0.08	42.4	5.6	9	12.35	7.1
M895279		3.47	<0.005	0.05	7.21	7.0	1810	1.14	0.10	2.39	0.16	46.2	6.2	11	13.20	8.1
M895280		4.87	0.029	0.54	6.72	125.5	1420	1.34	0.45	1.72	0.85	49.4	7.0	11	26.1	11.8
M895281		1.87	<0.005	0.01	0.15	<5	30	0.08	0.02	20.7	0.07	1.31	0.8	3	0.59	2.4
M895282		3.86	<0.005	0.26	7.29	30.6	1100	1.31	0.14	2.03	0.26	48.5	6.2	10	18.65	40.7
M895283		5.68	<0.005	0.15	7.36	5.8	1960	1.46	0.14	2.97	0.11	46.2	7.7	11	19.50	19.9
M895284		4.03	<0.005	0.15	7.18	4.2	1980	1.41	0.17	2.80	0.09	39.7	7.7	11	18.60	22.1
M895285		3.49	<0.005	0.14	6.68	6.6	1680	1.43	0.13	3.35	0.09	40.6	7.2	15	18.50	18.0
M895286		7.30	<0.005	0.54	7.45	21.2	940	1.29	0.69	1.96	1.21	47.2	6.4	9	20.2	6.7
M895287		4.28	0.022	0.77	6.52	83.9	650	1.44	0.80	1.57	7.57	48.3	7.4	7	30.5	19.7
M895288		1.15	<0.005	0.01	0.08	<5	20	0.06	0.03	21.1	0.07	1.04	0.6	1	0.23	4.7
M895289		6.37	0.015	0.18	6.79	102.0	770	1.09	0.65	0.85	0.23	60.5	8.2	9	12.55	12.3
M895290		5.86	0.010	0.16	6.90	79.0	820	1.07	0.62	1.13	0.15	44.4	6.9	9	11.80	6.8
M895291		5.15	<0.005	0.11	7.54	14.1	680	1.41	0.29	1.90	0.15	51.3	5.0	8	12.60	1.6
M895292		7.54	<0.005	0.22	7.76	29.7	1100	1.57	1.19	3.48	0.18	51.9	7.7	8	12.10	4.7
M895293		4.53	<0.005	0.09	7.54	12.8	920	1.29	0.25	2.27	0.17	48.9	5.5	9	14.10	4.6
M895294		3.86	<0.005	0.10	7.47	8.1	630	1.34	0.21	1.72	0.16	49.8	4.8	8	14.10	4.1
M895295		6.38	<0.005	0.18	7.70	12.8	620	1.42	0.34	1.53	0.12	53.7	5.7	8	12.15	9.6
M895296		9.03	<0.005	0.29	7.26	13.8	750	1.39	1.54	2.46	0.13	50.2	7.0	9	12.35	7.3
M895297		4.89	<0.005	0.29	7.08	10.0	1250	1.41	2.79	2.76	0.11	47.5	6.7	8	12.60	4.5
M895298		5.67	<0.005	0.60	7.29	4.4	1780	1.39	2.98	3.36	0.11	50.1	7.4	8	11.30	3.5
M895299		7.62	<0.005	0.10	6.92	4.2	2510	1.21	0.82	3.14	0.10	41.7	6.6	8	9.54	1.8
M895300		6.63	<0.005	0.07	6.97	4.0	1350	1.38	1.07	3.04	0.08	41.6	7.2	9	11.60	3.1
M895301		6.51	0.006	0.34	6.83	21.3	1470	1.32	1.24	3.94	0.11	41.2	8.2	7	10.65	2.5
M895302		0.26	2.31	26.7	6.12	3620	1050	1.29	19.15	2.24	80.7	49.2	9.8	19	14.90	440
M895303		5.42	<0.005	0.13	6.80	7.4	1350	1.57	2.31	3.28	0.17	37.9	7.1	8	13.35	6.8
M895304		6.74	<0.005	0.08	6.91	4.9	1430	1.43	1.16	2.88	0.08	38.4	7.2	11	10.45	7.8
M895305		<0.02	<0.005	0.07	6.81	4.6	1280	1.41	1.09	2.80	0.09	37.6	7.4	9	10.50	7.7
M895306		3.96	<0.005	0.14	6.85	4.0	1950	1.30	2.11	3.03	0.09	36.7	8.5	9	9.52	6.7
M895307		6.82	<0.005	0.20	6.83	22.3	1450	1.33	1.19	3.06	0.09	43.8	7.4	8	12.65	1.7



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Plus Appendix Pages  
Finalized Date: 28-JUL-2012  
Account: ROCKHA

Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12158891**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895273		3.21	15.40	0.12	1.1	0.033	2.70	18.3	14.2	0.81	738	1.22	1.48	7.4	3.1	630
M895274		4.36	16.90	0.15	1.3	0.045	2.76	24.9	9.6	1.21	1140	1.46	1.91	9.5	3.9	850
M895275		6.78	13.95	0.14	1.0	1.710	2.59	25.6	23.1	0.90	1880	13.00	0.03	5.6	14.9	450
M895276		3.04	14.75	0.12	1.1	0.041	2.72	19.1	21.8	0.75	848	0.98	0.80	7.2	2.5	620
M895277		2.84	14.70	0.13	1.1	0.039	2.80	20.9	23.5	0.65	1130	0.85	1.03	7.1	2.4	570
M895278		2.68	14.35	0.13	1.2	0.033	2.55	19.7	63.8	0.66	777	0.59	0.18	7.1	2.1	580
M895279		2.94	14.25	0.15	1.3	0.032	2.50	22.2	49.5	0.66	900	0.60	0.30	7.2	2.3	590
M895280		3.83	13.25	0.14	1.1	0.111	2.90	26.8	12.5	0.65	3040	3.45	0.34	6.2	2.3	480
M895281		0.49	0.37	0.08	<0.1	0.005	0.07	0.6	2.1	12.45	220	0.19	0.01	0.2	2.2	180
M895282		3.44	15.80	0.14	0.9	0.124	2.91	22.8	36.0	0.62	1820	1.92	0.21	7.1	2.6	630
M895283		3.28	16.70	0.15	1.0	0.033	2.79	21.7	14.5	0.76	821	1.45	1.54	7.4	3.1	650
M895284		3.22	15.95	0.14	1.1	0.037	2.70	17.6	12.8	0.64	746	1.07	1.67	7.2	3.0	640
M895285		3.15	15.70	0.12	1.0	0.042	2.61	17.3	17.6	0.68	1120	1.13	1.43	7.3	3.8	620
M895286		3.32	15.75	0.13	1.1	0.069	3.21	24.7	19.5	0.65	2360	0.85	0.06	7.1	2.1	630
M895287		4.87	14.80	0.15	0.9	0.200	2.41	25.2	25.6	0.68	3030	1.04	0.05	6.0	2.7	500
M895288		0.51	0.23	0.08	<0.1	0.005	0.03	0.5	1.1	12.80	222	0.09	0.01	0.1	1.6	160
M895289		6.87	16.10	0.16	0.9	0.154	3.03	30.7	7.7	0.79	2920	0.43	0.06	6.3	2.5	540
M895290		6.54	15.50	0.14	0.8	0.165	3.17	23.7	5.9	0.77	3110	0.39	0.04	6.1	2.5	560
M895291		3.75	15.40	0.15	1.0	0.085	3.43	27.0	21.5	0.79	2340	0.19	0.03	7.0	2.6	620
M895292		4.49	18.35	0.15	1.1	0.104	3.25	25.1	41.8	1.31	2830	0.18	0.03	7.9	2.8	680
M895293		3.81	15.15	0.15	1.1	0.087	3.37	25.1	12.8	0.94	2090	0.25	0.03	6.9	2.4	620
M895294		3.17	16.35	0.14	1.1	0.067	2.85	25.4	25.2	0.72	1540	0.28	0.03	7.9	2.4	640
M895295		3.78	15.70	0.15	1.0	0.091	2.98	29.1	26.5	0.79	1800	0.23	0.03	7.1	2.5	640
M895296		3.46	15.90	0.14	1.0	0.067	2.77	26.1	26.0	0.90	1730	0.26	0.04	7.0	2.4	610
M895297		3.23	16.40	0.15	1.0	0.065	2.82	23.1	30.0	0.92	1720	0.15	0.03	7.1	2.3	620
M895298		3.25	15.20	0.14	1.1	0.040	2.80	25.4	23.0	1.10	1520	0.15	0.03	7.4	2.5	650
M895299		3.14	14.50	0.14	1.0	0.037	2.42	20.4	23.3	0.96	1260	0.17	0.37	6.9	2.6	610
M895300		3.11	14.30	0.12	1.1	0.042	2.22	20.6	14.8	0.70	987	0.21	1.44	7.0	2.6	620
M895301		3.37	15.30	0.15	1.0	0.067	2.32	19.8	25.5	1.15	1820	0.22	0.68	6.6	2.7	600
M895302		6.85	14.25	0.16	1.0	1.780	2.65	25.7	23.9	0.91	1920	13.45	0.03	5.8	15.3	460
M895303		3.30	17.35	0.12	1.0	0.053	2.01	15.4	25.6	0.64	1180	0.24	1.54	7.6	2.8	640
M895304		3.20	14.80	0.13	1.1	0.049	1.79	16.2	15.2	0.57	1060	0.21	2.25	7.2	2.6	620
M895305		3.20	14.95	0.12	1.1	0.049	1.80	15.3	15.6	0.57	1040	0.20	2.20	7.5	2.6	630
M895306		3.12	14.85	0.11	0.9	0.063	1.77	15.5	16.4	0.64	1280	0.17	2.07	7.2	2.7	620
M895307		3.12	14.60	0.13	1.0	0.048	1.89	19.2	25.1	0.81	1620	0.17	1.04	7.1	2.5	620



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 Finalized Date: 28-JUL-2012  
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Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12158891**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M895273		15.6	88.8	<0.002	0.02	3.95	10.3	1	1.7	299	0.64	<0.05	11.7	0.276	1.22	3.1
M895274		16.8	96.0	0.002	0.02	2.29	16.2	1	2.4	348	0.71	0.08	14.5	0.376	1.27	3.2
M895275		2760	162.0	0.003	4.97	90.8	8.0	1	8.1	91.4	0.47	0.37	10.4	0.179	2.50	4.9
M895276		16.8	91.8	<0.002	0.10	6.09	9.9	1	1.8	201	0.63	0.05	10.8	0.267	1.61	3.6
M895277		15.8	96.7	<0.002	0.04	5.97	9.2	<1	2.0	228	0.63	<0.05	11.3	0.255	1.44	3.4
M895278		14.8	75.4	<0.002	0.01	9.13	9.0	1	1.7	138.0	0.68	<0.05	12.7	0.254	1.15	2.1
M895279		14.0	86.1	<0.002	0.05	10.10	9.5	<1	1.7	151.0	0.73	<0.05	13.9	0.251	1.23	3.3
M895280		83.7	173.0	<0.002	1.36	10.95	8.7	<1	4.6	85.8	0.60	<0.05	14.4	0.213	2.65	10.8
M895281		1.0	3.6	<0.002	0.02	0.11	0.4	<1	0.2	43.4	<0.05	<0.05	0.2	0.006	0.03	0.6
M895282		17.6	136.5	<0.002	0.16	15.00	11.0	<1	2.9	122.5	0.58	<0.05	11.0	0.272	2.46	4.3
M895283		17.0	112.0	<0.002	0.05	5.10	11.5	1	2.2	340	0.59	<0.05	10.7	0.280	1.59	3.1
M895284		17.2	94.1	0.002	0.05	4.74	10.5	1	1.9	358	0.61	<0.05	9.7	0.280	1.39	2.8
M895285		16.9	98.3	<0.002	0.05	6.24	11.6	1	2.1	312	0.59	<0.05	8.7	0.281	1.45	3.2
M895286		99.6	158.5	<0.002	0.39	9.36	10.8	1	2.4	78.3	0.59	<0.05	12.5	0.269	2.34	3.2
M895287		149.0	154.0	<0.002	1.15	11.10	10.0	<1	5.8	142.0	0.48	<0.05	11.0	0.225	1.96	5.3
M895288		1.0	1.3	<0.002	0.03	0.10	0.2	<1	0.3	40.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M895289		9.8	175.0	<0.002	1.63	7.01	10.0	<1	5.5	41.5	0.54	<0.05	12.5	0.241	2.31	3.0
M895290		8.2	185.5	<0.002	1.65	6.04	10.4	<1	4.2	42.9	0.50	<0.05	11.1	0.237	2.60	2.3
M895291		9.1	196.5	<0.002	0.10	6.84	11.1	<1	1.9	70.5	0.58	<0.05	12.8	0.265	3.06	3.3
M895292		16.2	134.5	<0.002	0.29	7.15	12.1	1	3.0	101.5	0.66	<0.05	12.3	0.288	3.08	3.7
M895293		9.4	207	<0.002	0.10	6.76	11.7	1	2.6	70.1	0.58	<0.05	14.1	0.265	2.92	3.8
M895294		7.9	150.0	<0.002	0.09	8.33	11.6	1	2.4	77.0	0.65	<0.05	13.2	0.273	2.35	3.0
M895295		11.6	174.0	<0.002	0.19	8.01	11.4	<1	2.6	109.0	0.60	<0.05	14.5	0.266	2.67	4.4
M895296		10.4	146.5	0.002	0.14	7.88	11.1	1	3.0	98.1	0.58	<0.05	12.7	0.255	2.44	2.5
M895297		12.4	119.0	<0.002	0.07	6.26	10.2	<1	2.8	119.0	0.59	<0.05	10.5	0.262	2.18	1.4
M895298		15.6	129.5	0.002	0.07	4.70	11.3	<1	2.4	114.0	0.61	<0.05	12.0	0.278	2.16	1.7
M895299		15.2	84.0	<0.002	0.07	4.59	10.0	<1	1.8	149.0	0.59	<0.05	10.5	0.271	1.65	2.1
M895300		16.1	91.7	<0.002	0.03	3.94	10.1	<1	1.9	222	0.64	<0.05	10.9	0.264	1.69	2.5
M895301		15.3	94.4	<0.002	0.29	5.21	9.4	<1	2.0	138.0	0.57	0.05	9.6	0.262	2.59	3.6
M895302		2760	165.5	0.003	5.01	94.0	8.4	<1	8.5	94.4	0.46	0.52	10.6	0.183	2.67	5.1
M895303		20.3	73.2	<0.002	0.03	8.49	9.8	<1	2.0	244	0.65	<0.05	8.7	0.279	1.55	1.9
M895304		17.2	66.1	<0.002	0.03	4.93	10.3	1	1.9	268	0.61	<0.05	9.0	0.278	1.13	1.7
M895305		17.3	63.3	<0.002	0.02	4.90	10.2	<1	1.9	258	0.63	<0.05	8.9	0.285	1.16	1.8
M895306		18.2	62.3	<0.002	0.04	4.56	10.1	<1	2.0	277	0.59	<0.05	9.1	0.275	1.13	1.6
M895307		17.7	75.6	<0.002	0.11	5.62	10.4	<1	2.0	217	0.55	<0.05	9.8	0.272	1.52	2.0





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To: ROCKHAVEN RESOURCES LTD.  
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 Finalized Date: 28-JUL-2012  
 Account: ROCKHA

Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12158891**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895273		76	1.5	13.5	55	24.4
M895274		112	1.3	21.4	75	28.2
M895275		56	5.3	9.8	5430	25.1
M895276		77	3.8	12.2	60	22.3
M895277		72	1.7	12.4	55	23.8
M895278		69	2.7	12.8	54	24.1
M895279		70	3.6	14.7	67	23.8
M895280		59	4.5	11.1	117	21.8
M895281		3	0.1	0.9	15	<0.5
M895282		77	4.5	13.2	71	21.2
M895283		80	1.2	14.0	60	21.6
M895284		80	1.6	12.7	57	21.7
M895285		83	1.0	13.8	61	21.1
M895286		81	2.7	12.2	198	23.1
M895287		66	6.7	9.6	845	21.3
M895288		2	0.1	0.7	17	<0.5
M895289		69	6.9	7.6	161	19.7
M895290		75	5.6	8.7	131	20.2
M895291		75	3.8	14.1	112	24.3
M895292		86	4.6	18.1	156	25.3
M895293		76	4.0	14.3	81	23.3
M895294		76	2.7	12.8	81	23.9
M895295		75	3.6	12.5	86	22.6
M895296		73	3.2	13.8	112	23.1
M895297		79	2.3	12.3	173	22.6
M895298		78	1.9	13.2	128	24.6
M895299		75	1.6	10.9	113	23.1
M895300		75	1.4	10.6	97	24.4
M895301		82	2.7	11.3	138	21.5
M895302		57	5.4	10.2	5540	25.6
M895303		88	2.0	10.2	138	23.3
M895304		78	1.9	10.0	142	23.5
M895305		79	1.9	10.0	137	24.1
M895306		74	2.0	10.7	210	22.7
M895307		74	2.3	11.6	180	24.2



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**CERTIFICATE OF ANALYSIS WH12158891**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12158892**

Project: Klaza-75

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12158892**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828827		1.82	<0.005	0.16	6.29	7.1	3880	1.83	0.09	1.77	0.06	32.2	2.4	10	23.8	4.8
N828828		4.07	<0.005	0.09	6.72	9.2	2440	1.36	0.66	2.43	0.10	38.5	5.3	11	29.2	7.0
N828829		6.15	<0.005	0.06	6.70	6.4	980	1.91	0.12	1.48	0.08	40.3	2.3	9	20.3	4.0
N828830		3.88	<0.005	0.12	5.82	10.6	5390	2.07	0.65	2.10	0.09	36.5	2.0	6	23.3	8.2
N828831		4.94	<0.005	0.18	6.79	10.4	530	1.93	0.21	2.97	0.09	46.0	5.0	14	28.6	9.4
N828832		6.03	<0.005	0.05	6.59	8.1	1450	1.95	0.08	3.04	0.06	43.2	5.4	20	23.0	4.9
N828833		5.20	<0.005	0.05	7.15	5.7	1610	1.68	0.05	2.27	0.10	49.4	5.4	20	25.1	6.9
N828834		<0.02	<0.005	0.14	7.00	6.9	1620	1.90	0.06	2.24	0.11	51.0	5.4	19	25.8	7.1
N828835		5.16	<0.005	0.14	6.56	8.1	870	1.69	0.05	2.86	0.07	39.6	5.3	22	26.9	6.1
N828836		4.62	<0.005	0.05	6.81	6.8	1650	1.97	0.06	2.99	0.07	40.3	5.2	18	25.9	4.8
N828837		5.78	<0.005	0.03	7.14	6.6	1090	1.69	0.11	3.12	0.05	47.7	5.6	19	27.1	5.3
N828838		0.28	0.845	9.43	6.60	1820	770	1.37	6.48	1.92	43.0	42.8	16.6	21	16.75	106.5
N828839		4.41	<0.005	0.29	7.20	11.8	350	2.07	0.29	1.99	0.14	51.6	3.5	12	32.3	4.0
N828840		5.50	<0.005	0.06	6.78	11.1	350	2.19	0.09	2.22	0.11	43.6	4.1	10	31.1	2.2
N828841		3.40	<0.005	0.03	7.06	4.9	310	1.92	0.08	2.20	0.10	43.5	3.6	15	28.7	1.5
N828842		1.56	<0.005	0.03	6.95	4.1	260	1.88	0.07	2.12	0.09	44.8	3.6	10	26.9	1.5
N828843		2.15	<0.005	0.07	6.83	7.7	220	1.70	0.06	1.61	0.20	46.9	3.5	14	24.6	2.7
N828844		3.47	<0.005	0.04	6.53	6.1	300	1.82	0.07	2.06	0.24	39.8	3.2	11	22.9	3.9
N828845		2.37	<0.005	0.03	6.65	7.7	340	1.92	0.05	1.72	0.20	47.7	3.0	14	23.6	1.9
N828846		2.32	<0.005	0.19	7.08	20.0	1060	1.28	2.60	1.23	0.26	45.6	7.7	9	23.7	12.1
N828847		1.48	<0.005	0.02	0.09	<5	20	<0.05	0.03	20.6	0.05	1.05	0.5	<1	0.32	2.2
N828848		1.83	<0.005	0.15	7.41	20.4	2310	1.56	0.89	1.75	0.18	45.3	7.3	17	26.5	16.6
N828849		4.09	<0.005	0.21	7.06	8.6	2230	1.66	0.96	2.72	0.15	37.8	6.7	13	28.4	6.1
N828850		3.76	<0.005	0.13	7.18	7.4	2090	1.63	0.96	2.75	0.12	45.0	7.3	14	23.2	5.2
N828951		1.79	0.009	0.21	7.62	18.4	2290	1.68	0.63	3.08	0.15	42.9	7.6	12	26.7	10.9
N828952		5.63	<0.005	0.23	7.23	7.1	2220	1.54	0.80	2.85	0.12	40.0	7.2	16	24.2	9.6
N828953		2.06	0.185	3.07	6.82	108.5	1510	1.75	0.96	2.01	12.35	45.7	8.3	14	29.5	43.5
N828954		2.96	<0.005	0.09	0.07	<5	20	<0.05	0.04	20.4	0.06	1.01	0.5	1	0.24	1.2
N828955		2.21	<0.005	0.07	7.20	53.8	730	1.42	0.12	2.63	0.29	59.7	10.0	43	34.2	20.4
N828956		3.42	<0.005	0.11	6.79	16.9	1500	1.92	0.12	2.36	0.21	42.1	3.7	12	31.8	3.2
N828957		4.72	<0.005	0.04	6.69	7.8	1090	1.99	0.06	2.47	0.13	48.4	3.6	12	27.4	1.4
N828958		3.10	<0.005	0.06	6.49	5.7	570	1.84	0.05	2.43	0.12	38.8	3.0	11	20.0	1.8
N828959		0.27	2.50	24.5	5.79	3360	310	1.15	20.1	2.19	76.5	41.2	10.2	18	14.00	423
N828960		3.06	<0.005	0.24	6.36	9.4	2180	1.88	0.07	1.65	0.15	44.6	2.4	10	17.90	2.8
N828961		3.59	<0.005	0.09	6.30	6.4	2070	1.77	0.12	1.71	0.12	44.1	1.8	7	17.40	3.8
N828962		3.39	<0.005	0.20	6.18	14.8	1220	1.54	0.56	1.46	0.16	39.9	3.2	8	21.4	10.8



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**CERTIFICATE OF ANALYSIS WH12158892**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828827		1.43	14.70	0.14	2.1	0.029	2.55	15.9	43.6	0.50	480	0.82	0.06	9.2	2.4	280
N828828		2.85	14.40	0.14	1.3	0.094	2.52	17.7	38.3	0.69	799	0.86	2.02	7.1	2.5	530
N828829		1.50	15.35	0.17	2.2	0.017	2.65	20.3	49.0	0.51	497	0.63	0.07	9.6	1.7	260
N828830		1.26	14.45	0.14	2.2	0.017	2.46	17.3	43.4	0.44	414	3.76	0.08	9.0	1.2	230
N828831		2.20	16.65	0.17	2.3	0.025	2.63	22.3	96.4	0.71	517	1.40	0.27	9.1	4.4	710
N828832		2.25	17.35	0.16	1.9	0.029	2.78	21.5	103.5	0.72	496	1.22	1.41	8.9	6.2	710
N828833		2.22	17.90	0.14	1.7	0.023	2.31	26.7	88.4	0.74	513	0.91	0.09	9.0	5.8	690
N828834		2.20	18.30	0.17	1.8	0.029	2.29	26.2	93.0	0.72	511	0.91	0.09	9.6	6.7	670
N828835		2.07	17.25	0.16	1.7	0.024	2.49	19.0	86.0	0.66	475	1.02	0.07	8.7	5.6	680
N828836		2.22	17.90	0.15	1.8	0.022	2.84	20.7	75.4	0.70	485	0.77	1.34	9.1	5.8	700
N828837		2.51	17.25	0.14	2.5	0.028	2.61	24.3	74.2	0.86	535	1.19	0.48	8.8	6.0	880
N828838		5.36	15.35	0.15	1.3	0.884	2.84	22.7	24.0	0.70	1950	11.80	0.26	7.0	15.1	470
N828839		1.87	16.85	0.17	1.8	0.025	2.48	26.7	64.5	0.67	487	2.39	0.05	8.9	2.4	480
N828840		2.05	17.15	0.13	1.7	0.026	2.57	22.0	49.0	0.70	558	1.03	0.04	9.1	2.3	510
N828841		2.18	16.75	0.13	1.6	0.022	2.68	21.9	39.3	0.71	586	1.01	0.04	8.6	2.3	560
N828842		2.09	16.25	0.15	1.7	0.022	2.64	21.8	39.7	0.69	579	0.75	0.04	8.5	2.3	530
N828843		1.84	15.55	0.14	1.6	0.020	2.57	25.0	41.1	0.62	654	0.98	0.03	7.8	2.2	480
N828844		1.94	16.35	0.14	1.6	0.022	2.36	19.2	71.6	0.64	788	0.81	0.03	8.7	2.3	490
N828845		1.88	15.45	0.16	1.8	0.024	2.60	24.0	66.6	0.59	766	1.12	0.03	8.6	2.0	400
N828846		2.39	14.95	0.16	1.2	0.044	1.86	25.9	80.8	0.56	876	2.14	0.05	7.2	2.7	470
N828847		0.48	0.23	0.13	<0.1	<0.005	0.04	0.5	1.2	12.70	224	0.09	<0.01	0.1	1.6	150
N828848		2.73	15.95	0.18	1.2	0.040	2.85	22.7	102.5	0.62	912	1.77	0.20	7.4	2.5	550
N828849		2.99	15.95	0.14	1.1	0.039	2.67	17.3	23.5	0.57	684	1.26	1.93	7.3	2.5	580
N828850		3.01	16.85	0.15	1.4	0.038	2.60	22.2	16.4	0.69	667	1.68	2.15	8.1	2.8	560
N828951		3.18	16.40	0.15	1.3	0.042	2.87	20.9	19.9	0.77	843	1.42	1.88	8.2	2.7	600
N828952		2.99	15.80	0.14	1.2	0.040	2.81	18.6	22.8	0.72	862	1.38	1.89	7.2	2.5	560
N828953		2.99	15.30	0.15	2.0	0.089	2.73	25.0	53.5	0.73	3450	5.99	0.21	8.3	4.2	490
N828954		0.46	0.19	0.12	<0.1	0.005	0.03	0.5	1.0	12.55	213	0.09	0.01	0.2	1.5	170
N828955		3.40	16.70	0.15	4.0	0.036	1.84	32.0	244	1.24	813	1.09	0.03	9.2	15.7	1530
N828956		1.82	15.65	0.17	1.8	0.026	2.60	20.5	46.4	0.78	617	1.30	0.05	8.4	2.6	480
N828957		1.98	16.50	0.18	1.5	0.025	2.52	24.3	102.5	0.75	558	1.06	0.04	8.8	2.4	510
N828958		1.96	15.25	0.16	1.6	0.020	2.10	18.7	144.0	0.70	604	0.94	0.03	8.1	1.7	460
N828959		6.69	13.25	0.14	0.8	1.555	2.55	22.0	21.8	0.89	1820	12.15	0.04	5.3	14.7	420
N828960		1.53	15.05	0.15	1.8	0.017	2.16	22.5	111.5	0.54	524	1.30	0.04	8.4	1.6	350
N828961		1.31	14.40	0.15	2.1	0.014	2.42	21.1	52.9	0.57	513	1.85	0.04	9.0	1.2	230
N828962		1.46	14.10	0.15	2.1	0.023	1.97	20.4	110.0	0.53	566	1.59	0.05	8.4	1.9	250



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**CERTIFICATE OF ANALYSIS WH12158892**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N828827		17.5	96.5	0.002	0.11	4.10	3.7	<1	2.0	304	1.01	<0.05	11.4	0.123	5.5
N828828		18.0	98.0	<0.002	0.04	4.68	8.8	1	2.2	251	0.69	<0.05	11.6	0.248	2.3
N828829		25.2	113.5	0.002	0.04	3.51	3.6	<1	2.2	305	1.10	<0.05	13.0	0.117	6.8
N828830		33.6	88.1	<0.002	0.16	4.78	2.7	<1	3.1	288	1.04	<0.05	11.3	0.104	11.2
N828831		20.3	87.3	0.002	0.01	5.36	5.5	<1	2.6	532	0.80	<0.05	9.5	0.235	5.2
N828832		19.1	84.6	<0.002	<0.01	2.86	5.3	<1	1.5	616	0.78	<0.05	9.0	0.240	4.7
N828833		15.3	84.1	<0.002	0.04	13.45	5.8	<1	1.4	333	0.75	<0.05	10.6	0.231	3.1
N828834		16.0	81.8	<0.002	0.04	13.85	6.0	<1	1.6	330	0.81	<0.05	10.4	0.232	3.1
N828835		21.4	80.0	0.002	0.02	9.81	5.0	1	1.4	409	0.75	<0.05	8.7	0.226	4.9
N828836		20.2	88.8	0.002	0.01	5.11	5.3	1	1.5	606	0.79	<0.05	8.9	0.236	4.1
N828837		15.7	83.5	0.002	0.01	7.95	6.2	<1	1.4	546	0.75	<0.05	9.8	0.272	3.8
N828838		1300	158.0	0.003	3.15	34.5	8.8	1	6.1	155.5	0.62	0.26	12.2	0.211	5.2
N828839		28.3	94.9	0.002	0.04	8.82	4.7	<1	1.4	273	0.85	<0.05	11.7	0.186	6.5
N828840		21.1	90.0	<0.002	0.03	7.89	5.1	<1	1.4	301	0.83	<0.05	9.4	0.201	5.7
N828841		13.7	88.8	<0.002	0.01	8.32	5.0	<1	1.4	308	0.78	<0.05	8.9	0.214	3.6
N828842		15.2	95.3	0.002	0.01	8.77	5.0	1	1.4	294	0.81	<0.05	9.4	0.212	4.1
N828843		11.9	99.2	<0.002	0.03	19.80	4.9	<1	1.3	193.0	0.76	<0.05	10.4	0.196	5.0
N828844		13.1	81.1	0.002	0.02	14.20	4.8	<1	1.6	227	0.76	<0.05	8.5	0.202	4.1
N828845		18.3	94.2	0.002	0.02	7.60	4.2	<1	1.8	186.0	0.84	<0.05	10.9	0.172	6.7
N828846		15.6	90.5	0.002	0.15	29.1	8.6	1	2.9	167.0	0.66	<0.05	13.7	0.224	4.8
N828847		1.2	1.9	0.002	<0.01	0.11	0.3	<1	0.2	40.1	<0.05	<0.05	0.3	<0.005	0.5
N828848		17.9	122.5	0.002	0.18	21.2	9.9	1	2.4	225	0.62	<0.05	13.4	0.250	3.8
N828849		21.4	97.1	<0.002	0.05	3.81	9.5	1	2.2	385	0.60	<0.05	9.5	0.254	3.1
N828850		19.3	105.0	0.002	0.03	2.82	10.8	1	2.3	394	0.72	<0.05	11.6	0.263	3.4
N828951		19.8	112.5	0.002	0.16	4.12	10.6	<1	2.4	403	0.73	<0.05	12.2	0.267	4.2
N828952		19.8	102.0	0.002	0.03	2.87	9.7	<1	2.0	390	0.60	<0.05	10.9	0.253	3.1
N828953		692	122.0	0.003	0.78	19.10	6.9	1	2.6	442	0.81	<0.05	12.9	0.203	8.1
N828954		1.9	1.4	<0.002	0.01	0.09	0.2	<1	0.2	37.5	<0.05	<0.05	<0.2	<0.005	0.5
N828955		23.3	70.7	0.002	0.03	22.4	8.0	1	1.3	1200	0.63	<0.05	7.3	0.423	2.6
N828956		20.6	90.6	<0.002	0.06	6.36	4.5	1	1.8	259	0.80	<0.05	9.3	0.191	5.0
N828957		15.1	101.5	<0.002	0.03	5.23	5.1	<1	1.6	322	0.78	<0.05	9.6	0.202	4.3
N828958		15.0	67.7	0.002	0.02	8.40	4.3	<1	1.4	294	0.78	<0.05	8.5	0.190	3.2
N828959		2690	148.5	0.004	4.81	90.7	7.8	1	7.7	92.9	0.46	0.37	10.4	0.177	4.9
N828960		24.0	77.9	0.002	0.08	6.09	3.7	<1	1.6	258	0.83	<0.05	10.8	0.149	6.6
N828961		33.3	81.4	<0.002	0.08	4.62	2.8	<1	1.9	294	0.96	<0.05	11.9	0.112	7.2
N828962		21.1	83.2	0.003	0.08	15.50	3.6	<1	3.4	220	0.97	<0.05	13.1	0.108	12.8



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 Account: ROCKHA

Project: Klaza-75

**CERTIFICATE OF ANALYSIS WH12158892**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828827		25	2.7	11.2	39	48.8
N828828		63	2.6	13.6	49	28.7
N828829		23	2.2	11.9	44	51.5
N828830		18	1.8	9.9	37	53.4
N828831		50	2.3	10.7	59	71.5
N828832		53	1.1	9.4	56	56.4
N828833		51	1.6	11.1	58	51.0
N828834		51	1.7	11.5	59	51.9
N828835		48	1.4	9.1	56	48.7
N828836		51	1.2	9.8	55	52.7
N828837		61	1.3	10.6	62	82.6
N828838		59	4.9	11.2	3050	35.3
N828839		36	1.2	11.5	61	48.4
N828840		40	1.3	10.9	65	44.3
N828841		43	1.4	11.1	63	43.0
N828842		42	1.3	11.1	62	38.8
N828843		41	1.2	10.0	66	36.1
N828844		40	1.5	10.3	70	38.4
N828845		33	1.5	11.5	72	45.3
N828846		58	2.7	13.6	68	28.7
N828847		4	0.1	0.7	13	<0.5
N828848		67	1.5	14.9	58	29.2
N828849		70	0.9	13.5	56	27.5
N828850		73	1.1	16.1	54	30.2
N828951		74	1.3	15.8	52	29.2
N828952		72	1.3	14.5	56	27.4
N828953		51	6.8	13.9	1410	54.6
N828954		3	0.1	0.7	14	<0.5
N828955		90	2.0	11.8	100	148.5
N828956		37	1.2	10.0	69	42.8
N828957		39	1.3	10.9	67	39.4
N828958		38	1.6	9.6	63	39.0
N828959		56	4.6	9.1	5320	21.7
N828960		28	1.9	10.1	49	44.9
N828961		19	1.9	9.9	50	52.3
N828962		25	1.8	12.4	52	51.5



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**CERTIFICATE OF ANALYSIS WH12158892**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12158893**

Project: Klaza-75

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12158893**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828963		2.16	<0.005	0.03	7.63	9.6	4840	1.34	0.16	2.33	0.13	67.5	7.6	21	29.7	<0.2
N828964		2.60	<0.005	0.05	7.29	9.9	2280	1.89	0.10	2.41	0.08	58.9	4.5	18	36.9	<0.2
N828965		4.89	<0.005	0.04	7.13	4.9	950	1.71	0.05	2.84	0.07	51.4	4.1	11	29.2	<0.2
N828966		1.86	<0.005	0.29	7.27	5.3	1200	2.00	0.04	2.29	0.13	41.6	3.9	14	24.0	3.4
N828967		<0.02	<0.005	0.29	7.03	5.7	1150	2.10	0.04	2.23	0.13	41.1	3.8	13	23.9	3.3
N828968		5.57	<0.005	0.05	7.04	3.7	460	2.11	0.03	2.84	0.07	40.3	3.8	17	23.5	1.7
N828969		5.18	<0.005	0.05	7.07	5.3	1420	2.16	0.03	1.77	0.13	47.8	3.1	13	21.5	1.0
N828970		4.16	<0.005	0.09	6.32	7.1	2200	1.82	0.10	1.84	0.26	43.4	2.1	6	15.80	1.5
N828971		1.86	<0.005	0.19	6.18	5.6	320	1.75	1.43	1.60	0.16	35.2	1.0	12	16.95	1.5
N828972		2.16	0.005	0.54	7.52	24.5	7720	1.42	1.21	2.50	0.17	51.7	8.8	13	25.2	9.7
N828973		2.15	0.085	2.06	7.31	146.0	2470	1.41	0.79	2.44	0.90	50.7	11.3	13	20.5	27.1
N828974		1.95	1.105	12.30	6.27	841	740	1.48	1.55	1.55	6.44	42.1	19.3	12	22.8	56.7
N828975		1.20	<0.005	0.04	0.10	6	30	0.07	0.03	21.8	0.08	1.30	1.1	2	0.41	1.7
N828976		1.90	0.218	17.80	7.42	368	1830	1.43	3.46	2.62	10.35	44.0	6.4	13	15.20	55.4
N828977		1.42	0.005	0.36	7.30	33.6	2110	1.52	3.04	2.34	0.20	46.5	8.0	14	14.10	18.6
N828978		1.04	<0.005	0.21	7.53	15.6	2150	1.58	2.41	2.39	0.12	48.8	7.9	15	13.15	17.8
N828979		4.80	0.014	0.24	7.51	18.2	2290	1.47	1.61	2.21	0.23	54.0	9.4	15	11.30	32.6
N828980		0.23	2.26	24.7	6.05	3560	1370	1.27	19.65	2.23	77.8	44.9	10.6	19	15.60	446
N828981		2.40	0.005	0.21	8.39	18.1	2190	1.26	1.25	0.95	0.31	51.1	15.3	15	13.75	18.3
N828982		3.65	0.007	0.33	8.13	25.3	2790	1.17	1.90	1.37	0.20	51.1	19.2	15	10.45	33.5
N828983		3.33	0.008	0.46	7.82	37.0	3100	1.41	1.39	1.66	0.23	48.6	7.9	22	13.80	39.2
N828984		3.11	0.013	0.54	7.93	50.2	2250	1.62	1.39	1.59	0.35	52.3	8.2	19	11.65	39.9
N828985		2.13	0.095	4.40	5.44	198.0	740	1.25	1.46	2.00	8.65	36.7	7.7	20	22.1	216
N828986		2.86	<0.005	0.03	0.19	5	40	0.13	0.03	21.5	0.07	1.85	1.6	3	0.69	5.3
N828987		2.36	<0.005	0.96	6.26	6.3	2190	1.22	1.40	1.80	7.82	39.2	4.3	20	7.67	15.8
N828988		1.69	<0.005	0.34	7.68	8.0	2380	1.37	1.07	1.71	0.27	50.4	9.1	17	8.47	13.6
N828989		5.60	0.083	0.87	7.15	18.2	2180	1.47	0.74	2.30	2.64	44.7	6.8	21	11.70	160.5
N828990		0.27	2.21	24.3	6.07	3540	1450	1.33	19.65	2.22	78.0	45.7	10.8	18	15.70	446
N828991		5.88	0.014	0.21	7.39	13.1	2260	1.50	1.66	2.33	0.17	51.1	9.1	17	9.66	16.0
N828992		4.73	<0.005	0.11	7.22	11.0	2240	1.53	1.05	2.35	0.09	49.9	7.1	23	9.00	8.6
N828993		2.51	<0.005	0.10	6.63	13.3	2310	1.52	0.79	2.35	0.08	38.7	7.4	19	14.40	4.5
N828994		2.94	<0.005	0.21	6.52	20.4	3040	1.42	0.59	3.09	0.11	41.2	6.9	19	20.7	4.1
N828995		1.89	<0.005	0.41	7.12	72.0	790	1.89	1.29	2.71	0.22	46.6	7.7	19	25.9	7.0
N828996		2.76	<0.005	0.17	7.32	16.3	2250	1.48	1.31	2.52	0.23	40.5	9.1	20	20.4	14.4
N828997		1.76	0.005	0.12	7.42	11.2	2290	1.51	1.14	2.25	0.11	46.3	6.5	21	15.45	16.0
N828998		1.90	0.014	0.69	6.97	54.3	1540	1.47	2.86	2.72	2.45	44.0	6.1	17	16.20	12.5



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Account: ROCKHA

Project: Klaza-75

**CERTIFICATE OF ANALYSIS WH12158893**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828963		3.06	18.45	0.16	3.8	0.036	2.31	35.5	118.0	1.01	725	0.55	0.03	10.8	6.6	1180
N828964		2.11	17.70	0.13	1.9	0.025	2.61	30.7	68.6	0.81	589	1.38	0.05	10.2	3.1	590
N828965		2.16	17.25	0.13	1.7	0.025	2.68	24.7	70.1	0.79	569	1.16	0.30	10.9	2.3	580
N828966		1.97	16.70	0.11	1.6	0.024	2.21	21.3	103.0	0.68	680	1.26	0.03	10.7	2.5	560
N828967		1.92	16.75	0.12	1.6	0.026	2.16	20.8	100.5	0.66	661	1.20	0.02	10.8	2.3	550
N828968		2.08	17.90	0.13	1.6	0.026	2.47	19.9	100.5	0.66	587	1.52	0.09	11.6	2.4	590
N828969		1.69	16.40	0.10	1.7	0.021	2.49	24.4	145.0	0.59	697	1.61	0.01	10.8	1.9	430
N828970		1.39	14.15	0.11	1.9	0.010	2.17	23.5	66.2	0.63	923	2.08	0.01	10.1	1.6	210
N828971		1.15	13.70	0.09	2.2	0.010	1.98	19.2	84.7	0.58	811	3.49	0.02	10.7	1.4	80
N828972		2.81	15.75	0.14	1.4	0.059	2.71	27.2	61.0	0.93	1600	2.45	<0.01	9.6	3.0	650
N828973		3.47	15.05	0.15	1.1	0.150	2.66	28.2	45.6	0.97	2480	4.38	0.01	8.1	2.5	570
N828974		3.50	13.85	0.13	0.9	0.158	2.35	24.4	71.6	0.62	2510	5.19	0.02	7.1	3.1	420
N828975		0.47	0.34	0.05	<0.1	<0.005	0.04	0.7	1.6	12.70	226	0.55	<0.01	0.2	1.6	180
N828976		3.36	16.30	0.13	1.2	0.073	2.80	23.0	59.9	0.90	4100	4.13	0.05	8.3	2.1	550
N828977		2.97	15.85	0.12	1.3	0.044	2.93	23.3	32.5	0.73	877	1.66	1.83	8.5	2.6	580
N828978		3.02	15.90	0.14	1.3	0.046	2.86	24.9	17.5	0.76	673	1.78	2.04	9.0	2.7	590
N828979		3.14	15.55	0.14	1.1	0.071	2.98	28.0	15.5	0.73	704	1.81	1.78	8.4	2.6	580
N828980		6.80	13.45	0.17	0.9	1.745	2.59	25.5	23.9	0.91	1900	13.40	0.03	6.3	14.9	460
N828981		3.19	17.05	0.14	1.3	0.067	2.98	27.4	37.8	0.50	823	1.77	0.32	9.0	2.7	640
N828982		3.48	16.50	0.14	1.2	0.109	2.94	28.4	36.9	0.65	961	2.17	0.16	8.8	3.0	600
N828983		3.33	16.60	0.14	1.3	0.111	3.65	25.5	43.9	0.67	1480	2.10	0.42	8.9	2.7	580
N828984		3.44	17.50	0.15	1.1	0.197	3.38	28.0	95.2	0.66	1580	2.20	0.35	8.9	2.8	610
N828985		3.73	13.45	0.12	0.7	0.286	2.01	21.1	82.5	0.73	4520	8.57	0.03	5.6	2.9	370
N828986		0.49	0.47	0.06	<0.1	0.006	0.08	0.9	2.7	12.75	229	0.16	0.01	0.4	3.8	170
N828987		3.02	14.65	0.11	0.9	0.220	2.19	21.0	24.4	0.69	1060	2.83	1.31	6.9	2.3	470
N828988		3.53	16.60	0.15	1.3	0.164	2.90	26.8	18.5	0.73	879	2.13	1.79	8.7	2.7	580
N828989		3.27	15.70	0.13	1.2	0.115	3.05	23.4	14.1	0.70	857	3.16	1.81	8.8	2.7	580
N828990		6.74	13.70	0.15	0.9	1.755	2.59	26.3	24.8	0.91	1900	13.65	0.03	6.4	15.0	450
N828991		3.25	15.90	0.14	1.2	0.074	2.85	26.1	14.6	0.81	705	1.99	2.17	9.0	2.9	590
N828992		3.12	15.70	0.15	1.3	0.065	2.84	25.5	12.9	0.75	607	2.36	2.19	8.9	2.7	570
N828993		2.93	14.90	0.16	1.2	0.057	2.90	19.1	20.1	0.67	643	1.97	1.92	8.3	2.7	540
N828994		3.06	14.75	0.13	1.1	0.051	2.95	20.4	64.2	0.89	1100	2.03	0.88	8.1	2.7	530
N828995		2.92	16.00	0.15	1.1	0.037	3.17	24.3	73.6	0.92	1660	2.13	0.10	8.4	3.0	540
N828996		3.09	15.60	0.13	1.4	0.056	3.13	20.4	25.8	0.69	980	1.85	1.64	8.3	2.7	570
N828997		3.02	15.80	0.12	1.5	0.041	3.05	23.7	21.9	0.67	634	2.11	1.78	8.7	2.7	580
N828998		3.26	15.00	0.15	1.2	0.092	2.78	23.5	80.5	0.89	3130	1.65	0.09	7.4	2.7	500



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**CERTIFICATE OF ANALYSIS WH12158893**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828963		12.5	96.5	<0.002	0.13	17.05	8.0	<1	1.5	537	0.72	<0.05	9.9	0.343	1.48	3.7
N828964		16.8	111.5	<0.002	0.08	13.65	5.5	<1	2.9	288	0.83	<0.05	11.6	0.226	1.90	4.7
N828965		21.3	90.6	<0.002	0.02	6.99	4.7	<1	1.8	371	0.83	<0.05	9.1	0.238	1.75	4.0
N828966		12.1	74.1	<0.002	0.04	9.40	5.0	1	1.6	259	0.82	<0.05	8.5	0.229	1.66	4.1
N828967		12.2	71.2	<0.002	0.04	9.41	5.0	1	1.6	253	0.81	<0.05	8.4	0.226	1.66	4.2
N828968		18.3	73.5	<0.002	0.01	8.94	4.7	1	1.4	333	0.82	<0.05	7.8	0.251	1.90	3.7
N828969		22.5	87.8	<0.002	0.08	9.69	4.2	1	1.4	269	0.86	<0.05	10.4	0.186	2.04	6.0
N828970		26.4	81.0	<0.002	0.11	13.40	2.9	1	1.1	203	0.93	<0.05	11.9	0.102	1.83	7.8
N828971		14.1	83.8	<0.002	0.03	26.4	1.9	1	1.7	168.0	1.15	<0.05	13.0	0.053	1.68	7.9
N828972		27.6	108.5	<0.002	0.52	16.00	10.7	1	3.2	343	0.71	<0.05	13.4	0.272	2.93	6.1
N828973		31.8	141.0	<0.002	1.08	28.7	10.0	1	3.0	242	0.62	<0.05	12.4	0.236	2.74	7.8
N828974		167.5	121.0	0.002	1.92	56.2	8.4	1	7.9	159.5	0.54	0.08	11.9	0.200	2.23	5.5
N828975		1.6	2.0	<0.002	0.01	0.13	0.3	1	0.2	45.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N828976		1370	111.0	<0.002	1.11	89.8	9.7	1	3.0	169.5	0.67	0.06	12.8	0.247	2.00	5.0
N828977		24.9	105.5	<0.002	0.28	6.23	10.1	1	3.1	346	0.66	0.05	12.3	0.259	1.57	4.0
N828978		21.6	102.5	<0.002	0.21	3.62	10.6	1	3.2	366	0.72	<0.05	13.0	0.263	1.46	4.5
N828979		31.9	109.0	<0.002	0.23	6.35	10.1	1	3.4	323	0.63	<0.05	13.5	0.258	1.44	3.8
N828980		2860	147.0	0.002	5.02	90.4	8.0	2	7.8	92.3	0.48	0.34	11.0	0.184	2.34	5.6
N828981		21.4	124.0	<0.002	0.31	20.7	11.3	1	3.7	118.0	0.68	0.10	14.4	0.271	1.57	4.3
N828982		14.4	131.5	<0.002	0.54	23.2	10.9	1	3.2	111.0	0.67	0.27	14.7	0.257	1.63	3.1
N828983		20.7	144.5	<0.002	0.50	22.2	10.8	1	2.9	151.0	0.71	0.21	13.8	0.253	2.15	4.9
N828984		35.7	133.0	<0.002	0.50	24.7	10.7	1	2.7	151.5	0.65	0.11	14.7	0.260	2.00	6.4
N828985		495	110.5	0.002	1.34	41.4	7.4	1	2.2	95.4	0.42	0.07	9.3	0.160	1.77	7.3
N828986		2.1	3.7	<0.002	0.02	0.14	0.5	1	<0.2	44.8	<0.05	<0.05	<0.2	0.006	0.03	0.7
N828987		485	105.0	<0.002	0.31	4.79	8.9	1	2.2	120.0	0.54	0.13	11.1	0.197	1.67	5.0
N828988		28.3	116.5	<0.002	0.15	3.98	10.6	1	2.6	201	0.71	<0.05	14.2	0.249	1.61	5.9
N828989		106.0	114.0	<0.002	0.23	5.96	10.2	1	2.4	298	0.68	0.06	12.8	0.249	1.56	4.2
N828990		2820	147.5	0.002	5.01	91.4	8.2	2	7.8	93.4	0.47	0.37	11.6	0.185	2.38	5.7
N828991		39.0	102.0	<0.002	0.14	2.20	10.7	1	2.3	352	0.70	<0.05	13.8	0.255	1.35	4.6
N828992		16.4	101.0	<0.002	0.10	2.56	10.3	1	2.1	357	0.69	<0.05	13.1	0.249	1.31	4.2
N828993		15.4	97.7	<0.002	0.16	3.66	9.2	1	1.9	306	0.64	<0.05	10.7	0.244	1.58	3.4
N828994		17.4	100.0	<0.002	0.22	8.26	9.1	1	2.0	253	0.60	<0.05	10.8	0.236	1.95	4.1
N828995		17.4	125.0	<0.002	0.34	15.80	9.6	1	1.9	161.0	0.64	<0.05	11.9	0.240	2.84	4.9
N828996		17.1	114.5	<0.002	0.17	9.07	9.4	1	2.0	280	0.71	<0.05	11.3	0.260	1.85	4.0
N828997		16.8	109.0	<0.002	0.07	5.78	10.1	1	2.0	313	0.75	<0.05	12.8	0.251	1.48	4.5
N828998		180.5	112.5	<0.002	0.61	16.75	9.3	1	2.9	140.0	0.64	<0.05	12.3	0.224	2.18	4.4



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**CERTIFICATE OF ANALYSIS WH12158893**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828963		75	2.4	14.5	72	142.5
N828964		44	1.9	12.2	67	49.3
N828965		41	1.5	11.2	64	42.5
N828966		41	3.8	10.5	68	44.0
N828967		40	3.9	10.4	66	43.2
N828968		42	1.8	9.3	69	44.2
N828969		32	1.9	10.4	59	48.1
N828970		17	1.4	10.5	54	51.6
N828971		7	1.8	12.2	35	57.0
N828972		72	4.7	15.7	53	34.2
N828973		65	5.2	13.8	132	28.4
N828974		54	6.4	10.7	706	24.5
N828975		2	0.1	0.8	18	0.5
N828976		64	4.1	14.2	1580	30.4
N828977		68	2.8	14.6	57	31.2
N828978		70	1.8	15.7	49	32.8
N828979		69	2.0	15.1	64	28.7
N828980		56	5.0	9.8	5430	25.2
N828981		70	4.5	14.9	73	33.2
N828982		69	2.6	14.8	70	32.4
N828983		71	2.7	14.1	67	32.3
N828984		70	3.2	14.6	81	30.6
N828985		56	8.0	11.0	808	19.0
N828986		3	0.2	1.0	17	<0.5
N828987		59	2.3	11.8	651	23.3
N828988		67	2.5	15.4	82	32.4
N828989		67	3.0	15.0	316	31.7
N828990		57	5.0	9.9	5380	27.0
N828991		69	2.0	16.4	55	30.4
N828992		67	1.6	16.2	46	33.4
N828993		64	1.5	13.0	48	29.4
N828994		66	2.2	13.0	49	28.3
N828995		65	3.1	13.7	59	29.8
N828996		68	2.4	13.3	87	32.3
N828997		67	1.5	15.6	49	34.7
N828998		66	5.3	14.6	303	27.7



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**CERTIFICATE OF ANALYSIS WH12158893**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12158894**

Project: Klaza-77

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12158894**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897459		6.17	0.031	0.12	7.67	31.3	2000	1.56	0.26	2.24	0.16	42.2	7.7	9	15.00	9.2
M897460		8.02	0.009	0.26	6.85	19.3	1210	1.33	0.23	2.03	0.85	36.9	4.6	9	13.50	5.7
M897461		3.30	<0.005	0.22	7.34	22.5	1970	1.44	0.31	1.70	0.23	36.0	6.3	8	15.00	3.5
M897462		8.78	<0.005	0.10	7.65	8.6	2090	1.52	0.16	2.26	0.15	39.2	5.8	8	17.50	3.8
M897463		4.16	0.069	1.72	6.57	506	1760	1.55	0.49	2.71	9.92	32.8	6.7	11	21.4	15.3
M897464		5.79	0.206	5.28	6.92	1855	400	1.27	3.86	1.75	16.85	36.8	7.2	10	10.45	47.0
M897465		3.04	<0.005	0.05	0.08	<5	30	0.07	0.04	20.7	0.09	1.14	0.7	1	0.20	2.5
M897466		5.45	0.005	0.44	7.46	17.9	1940	1.52	0.31	2.42	0.82	43.1	5.0	9	12.40	5.3
M897467		0.22	0.123	25.9	6.14	3470	1680	1.15	21.0	2.26	77.2	39.4	10.6	18	14.15	426
M897468		7.01	<0.005	0.36	7.50	18.6	2080	1.51	0.19	2.68	0.41	41.4	5.8	10	10.75	4.8
M897469		12.00	<0.005	0.31	7.16	16.5	1990	1.53	0.17	2.56	0.37	39.2	5.9	9	10.75	4.2
M897470		9.80	<0.005	0.26	7.58	12.7	2240	1.49	0.16	2.22	0.77	40.9	5.7	10	8.46	4.1
M897471		12.88	<0.005	0.10	7.53	8.3	2270	1.60	0.15	2.57	0.13	43.5	6.1	10	9.32	3.6
M897472		<0.02	<0.005	0.09	7.61	8.3	2250	1.55	0.15	2.55	0.15	42.5	6.1	10	8.93	3.7
M897473		12.64	<0.005	0.10	7.67	7.0	2290	1.46	0.14	2.50	0.15	43.6	6.6	9	9.86	3.4
M897474		7.95	<0.005	0.08	6.64	7.5	2020	1.49	0.16	3.17	0.35	40.6	7.3	12	10.20	<0.2
M897475		0.21	0.754	9.63	6.53	1410	1500	1.45	6.17	1.91	42.3	41.3	17.5	22	15.70	106.0
M897476		13.18	0.006	0.16	7.29	11.8	2070	1.57	0.17	2.53	0.75	47.5	7.3	11	10.30	<0.2
M897477		6.24	0.009	0.08	7.28	11.3	2050	1.64	0.14	2.86	0.18	43.0	6.5	11	10.65	<0.2
M897478		9.80	0.077	0.15	6.83	192.5	1770	1.44	0.16	2.43	0.99	39.9	6.8	10	10.65	<0.2
M897479		5.53	0.469	30.2	6.75	1060	1160	1.43	51.7	1.52	17.65	83.9	4.6	9	16.15	807
M897480		1.62	<0.005	0.02	0.07	<5	20	0.05	0.05	21.0	0.05	0.96	1.2	3	0.12	3.4
M897481		9.84	0.011	0.37	6.55	18.9	1410	1.54	0.37	2.76	2.60	40.8	8.1	9	11.10	<0.2
M897482		6.09	0.024	0.46	6.51	35.3	1410	1.66	0.48	2.68	2.22	56.7	5.6	8	10.75	0.9
M897483		8.37	0.016	0.66	6.86	36.5	530	1.57	1.01	3.22	6.45	39.7	10.9	8	8.21	12.0
M897484		11.65	0.257	4.38	6.56	608	670	1.47	6.77	1.84	17.90	31.9	11.6	8	17.65	88.9
M897485		4.61	0.015	2.33	6.91	26.9	460	1.59	1.94	3.08	24.7	30.9	6.7	9	6.83	37.3
M897486		13.70	0.206	6.98	7.34	288	460	1.49	9.46	1.25	37.8	40.2	22.9	8	15.10	140.5
M897487		7.40	0.022	1.23	7.28	30.0	510	1.43	1.76	2.37	11.00	32.0	6.1	9	6.64	8.4
M897488		12.88	0.103	2.32	7.44	41.9	610	1.46	3.47	1.97	27.7	42.8	5.4	9	6.83	22.0
M897489		6.38	0.032	4.08	7.30	48.5	620	1.51	4.81	1.51	52.3	46.0	10.4	9	7.74	49.9
M897490		8.89	0.008	0.29	6.72	9.3	660	1.47	0.76	3.72	0.70	32.6	6.8	10	6.18	<0.2
M897491		6.23	0.058	1.83	7.68	75.8	620	1.52	3.12	2.14	8.05	41.9	21.7	9	9.99	3.9
M897492		9.22	0.203	3.23	7.20	955	670	1.28	5.66	1.18	20.7	40.3	13.0	10	13.60	80.7
M897493		7.95	0.558	4.80	6.90	400	750	1.22	8.73	0.32	5.11	42.3	12.4	10	7.59	147.5
M897494		4.76	0.973	47.3	4.80	>10000	4350	0.92	73.3	0.94	15.95	47.0	6.4	8	9.75	4530





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Project: Klaza-77

**CERTIFICATE OF ANALYSIS WH12158894**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897459		3.39	17.10	0.14	1.4	0.049	2.83	21.0	26.1	0.67	600	1.31	0.73	8.3	2.9	590
M897460		2.84	15.40	0.14	1.2	0.042	2.17	17.4	83.0	0.57	1200	2.12	0.07	7.8	2.4	590
M897461		2.83	16.75	0.12	1.3	0.049	1.92	17.3	106.5	0.47	745	1.78	0.05	8.1	2.3	600
M897462		3.60	18.95	0.13	1.5	0.044	2.96	17.7	41.8	0.68	529	1.42	0.29	9.0	2.8	600
M897463		2.89	16.00	0.12	1.3	0.076	2.75	15.1	28.4	0.41	716	1.44	0.21	7.6	2.4	570
M897464		5.04	15.65	0.13	1.1	0.166	2.81	17.5	21.6	0.49	863	21.0	0.07	6.3	2.5	530
M897465		0.48	0.21	0.08	<0.1	0.007	0.03	0.5	1.0	12.45	216	0.16	<0.01	0.1	1.8	150
M897466		3.24	16.25	0.13	1.2	0.047	2.74	21.6	15.7	0.65	687	1.00	1.60	7.7	2.7	570
M897467		6.79	14.10	0.14	1.0	1.710	2.61	21.0	22.8	0.92	1900	12.80	0.04	5.8	15.3	440
M897468		3.09	17.00	0.14	1.3	0.038	2.80	20.2	12.1	0.68	640	1.10	1.96	8.1	2.7	580
M897469		2.97	16.70	0.13	1.2	0.037	2.64	20.7	12.2	0.65	611	1.18	1.84	8.0	2.8	550
M897470		3.08	16.20	0.14	1.3	0.050	2.82	21.8	16.1	0.76	579	1.03	2.36	7.7	2.8	580
M897471		3.17	17.30	0.14	1.3	0.047	2.71	21.4	16.8	0.84	745	1.28	2.53	8.4	3.0	600
M897472		3.21	16.35	0.15	1.3	0.044	2.72	21.8	16.4	0.84	747	1.34	2.55	8.0	2.9	590
M897473		3.15	17.10	0.16	1.3	0.044	2.72	22.3	16.6	0.82	642	1.13	2.43	8.2	2.9	600
M897474		3.07	16.45	0.10	1.1	0.045	2.51	19.6	22.1	0.81	691	1.01	1.91	8.3	2.3	560
M897475		5.29	15.35	0.13	1.3	0.934	2.78	21.6	30.8	0.70	1930	11.85	0.26	7.6	17.0	490
M897476		3.03	17.05	0.13	1.2	0.048	2.71	24.7	19.8	0.73	636	0.96	2.07	8.5	2.1	580
M897477		2.98	17.20	0.14	1.2	0.039	2.67	21.9	14.4	0.68	585	1.09	1.86	8.4	2.0	560
M897478		2.94	16.25	0.12	1.2	0.034	2.60	19.5	19.2	0.60	540	1.04	1.36	8.3	2.0	550
M897479		6.20	15.45	0.16	1.0	1.315	2.73	52.5	15.3	0.57	1020	1.65	0.14	6.5	2.0	520
M897480		0.48	0.11	0.09	<0.1	0.005	0.02	<0.5	1.1	12.75	214	0.06	0.01	0.3	<0.2	150
M897481		2.94	15.75	0.12	1.3	0.135	2.15	19.6	30.3	0.56	756	1.93	0.67	8.3	1.5	530
M897482		2.71	15.85	0.13	1.5	0.130	2.37	28.9	20.9	0.61	1040	2.08	0.65	8.3	1.6	470
M897483		4.64	17.25	0.13	0.9	0.448	1.42	17.0	28.8	0.87	1190	4.10	1.69	6.8	1.7	560
M897484		5.06	16.95	0.13	0.8	1.075	2.13	14.6	36.1	0.75	1050	3.46	0.11	5.1	3.6	480
M897485		4.23	17.15	0.12	0.9	1.045	1.75	11.7	26.1	1.17	1740	0.77	0.17	5.8	1.2	590
M897486		7.35	21.6	0.18	0.9	1.840	2.59	17.7	27.3	0.73	1220	7.25	0.12	5.4	9.0	570
M897487		3.09	17.25	0.11	0.8	0.676	2.04	12.1	48.0	0.89	1220	0.87	0.21	5.9	2.7	560
M897488		3.53	17.85	0.15	0.8	1.330	2.16	18.1	28.2	0.78	1020	0.64	0.21	6.5	2.3	570
M897489		4.65	17.60	0.15	0.7	1.945	2.21	22.6	25.9	0.74	1100	0.38	0.20	6.1	3.5	570
M897490		2.63	16.45	0.12	0.8	0.277	1.79	13.7	27.0	0.76	1000	0.71	0.71	6.0	4.9	570
M897491		4.02	18.85	0.14	0.8	0.581	2.27	18.3	46.0	0.85	1220	2.53	0.11	6.2	7.7	570
M897492		5.25	18.55	0.16	0.8	1.320	2.75	18.7	37.1	0.65	844	1.62	0.08	5.5	5.2	540
M897493		7.09	18.05	0.18	0.8	1.265	3.22	20.2	21.0	0.50	855	2.54	0.06	5.6	5.0	520
M897494		9.23	12.75	0.23	0.7	5.53	2.15	21.7	25.9	0.42	1060	25.2	0.03	4.4	3.1	360



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**CERTIFICATE OF ANALYSIS WH12158894**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897459		18.7	99.4	<0.002	0.29	7.59	10.2	1	3.4	181.0	0.71	0.07	12.9	0.263	1.56	5.0
M897460		29.3	69.6	0.002	0.17	26.6	9.6	1	1.8	165.5	0.66	0.07	11.2	0.252	1.35	4.4
M897461		14.4	72.2	<0.002	0.28	24.1	9.9	1	1.8	160.0	0.71	0.06	11.7	0.261	1.25	4.1
M897462		17.4	97.2	<0.002	0.07	7.28	10.9	<1	1.7	148.5	0.75	<0.05	12.2	0.277	1.35	3.7
M897463		195.5	96.3	0.002	0.76	30.0	9.3	1	2.7	143.0	0.66	<0.05	10.3	0.251	1.66	5.9
M897464		665	133.5	0.002	2.84	61.9	9.1	1	6.1	81.1	0.59	0.11	11.2	0.219	2.13	5.9
M897465		2.4	1.4	0.002	0.02	0.13	0.3	1	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M897466		74.5	96.0	<0.002	0.50	7.27	9.7	1	2.5	277	0.64	<0.05	12.7	0.253	1.41	4.3
M897467		2820	153.5	0.004	5.00	92.5	8.1	1	7.7	91.2	0.49	0.36	10.9	0.184	2.40	5.0
M897468		57.4	97.2	0.002	0.32	5.22	10.2	<1	2.2	332	0.68	<0.05	12.0	0.262	1.27	4.7
M897469		51.7	93.8	0.003	0.30	4.98	10.4	2	2.2	312	0.66	<0.05	11.9	0.248	1.20	4.8
M897470		45.1	96.9	<0.002	0.08	3.97	9.7	1	1.7	389	0.66	0.05	13.4	0.262	1.04	3.2
M897471		18.2	88.3	<0.002	0.03	2.59	11.0	1	1.8	425	0.68	<0.05	12.1	0.270	1.01	2.9
M897472		19.1	86.2	<0.002	0.04	2.43	10.1	1	1.7	429	0.66	0.06	12.5	0.269	1.05	3.1
M897473		17.5	93.2	<0.002	0.02	2.48	10.7	2	1.5	433	0.67	<0.05	12.1	0.265	1.02	3.0
M897474		18.9	87.8	<0.002	0.05	2.92	11.6	<1	1.6	384	0.61	<0.05	11.1	0.242	0.91	4.1
M897475		1300	162.5	0.002	3.08	34.9	9.6	1	6.0	155.0	0.60	0.33	11.7	0.204	2.33	5.3
M897476		60.3	113.5	<0.002	0.15	3.82	12.0	1	2.0	380	0.65	<0.05	13.7	0.244	1.08	3.4
M897477		27.2	113.0	<0.002	0.16	3.34	12.0	1	1.8	336	0.65	<0.05	13.1	0.242	1.20	4.7
M897478		44.1	96.3	<0.002	0.15	7.20	10.6	<1	1.9	274	0.68	<0.05	12.1	0.239	1.30	3.5
M897479		453	147.5	<0.002	5.10	109.5	9.7	1	9.5	102.0	0.57	0.24	12.1	0.196	2.50	3.8
M897480		1.4	1.1	<0.002	0.01	0.08	0.2	<1	<0.2	45.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M897481		152.0	72.6	0.002	0.32	9.39	10.8	<1	3.4	189.5	0.70	<0.05	12.6	0.222	1.39	3.7
M897482		115.5	92.0	<0.002	0.27	8.75	9.6	<1	3.6	177.5	0.81	<0.05	16.7	0.195	1.68	3.8
M897483		160.5	69.0	0.005	0.97	6.71	10.6	1	5.8	286	0.51	0.11	12.0	0.187	1.25	3.3
M897484		456	132.5	<0.002	2.55	26.5	9.5	1	8.2	99.1	0.39	0.19	12.7	0.157	2.04	6.8
M897485		703	71.1	<0.002	0.73	10.50	11.3	1	8.6	119.5	0.46	0.08	12.6	0.172	1.99	4.9
M897486		1040	147.5	0.003	4.57	43.6	10.3	1	11.8	82.2	0.44	0.29	14.0	0.172	2.43	6.5
M897487		281	108.0	<0.002	0.80	9.11	10.9	<1	6.8	102.5	0.44	0.11	13.3	0.181	2.10	3.2
M897488		551	117.0	<0.002	1.09	8.79	10.5	1	9.0	99.8	0.50	0.09	14.2	0.196	2.20	3.0
M897489		1375	117.0	<0.002	1.66	11.50	10.6	1	11.5	87.4	0.47	0.15	13.7	0.188	2.08	3.5
M897490		41.7	70.7	0.002	0.43	6.09	10.4	1	3.9	168.0	0.49	0.16	11.7	0.179	1.46	3.7
M897491		352	109.5	0.002	1.77	8.87	11.0	1	8.3	104.5	0.48	0.49	13.2	0.187	2.03	6.1
M897492		149.0	189.5	<0.002	2.84	17.95	10.4	1	11.1	63.5	0.45	0.25	13.7	0.173	2.28	2.9
M897493		87.6	219	<0.002	3.39	37.8	9.9	<1	10.4	24.7	0.45	0.23	13.0	0.167	2.84	3.2
M897494		495	112.0	0.002	6.50	804	6.8	1	13.5	64.3	0.36	0.27	7.4	0.142	2.09	4.3



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**CERTIFICATE OF ANALYSIS WH12158894**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897459		68	2.4	13.8	42	37.0
M897460		67	4.0	13.8	89	34.6
M897461		68	5.9	12.7	54	35.1
M897462		73	2.6	14.1	44	40.0
M897463		68	5.8	12.2	617	33.8
M897464		63	6.4	10.6	1440	30.1
M897465		2	0.1	0.7	16	0.5
M897466		66	2.8	13.8	145	34.9
M897467		56	5.4	9.3	5260	26.0
M897468		67	1.7	14.7	114	37.2
M897469		64	1.9	14.6	107	34.6
M897470		67	2.5	14.2	91	34.4
M897471		72	1.5	16.3	46	36.8
M897472		71	1.5	15.5	48	34.5
M897473		69	1.6	15.7	44	36.9
M897474		66	1.9	17.5	50	31.0
M897475		56	5.5	11.6	2980	37.2
M897476		67	2.3	16.6	89	31.0
M897477		66	1.6	16.3	47	31.1
M897478		64	2.3	14.4	96	31.9
M897479		69	5.5	12.3	1270	25.5
M897480		2	0.1	0.8	13	<0.5
M897481		63	2.6	14.7	221	33.2
M897482		56	4.9	14.7	194	39.1
M897483		73	1.6	16.1	532	25.5
M897484		66	3.5	11.7	1340	22.5
M897485		68	2.9	16.4	1840	22.1
M897486		81	4.6	14.5	2700	23.4
M897487		71	2.0	11.7	879	19.8
M897488		60	2.4	11.5	2030	19.5
M897489		77	2.8	12.9	3910	18.0
M897490		60	1.3	14.3	96	19.7
M897491		72	2.1	14.5	679	21.6
M897492		61	4.4	10.0	1520	19.9
M897493		55	5.8	7.3	372	19.4
M897494		44	7.7	9.5	1320	15.4



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**CERTIFICATE OF ANALYSIS WH12158894**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12158895**

Project: Klaza-77

P.O. No.: Batch 4

This report is for 28 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12158895**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897495		12.72	0.032	1.95	6.92	552	890	1.19	2.83	3.28	3.73	37.1	5.0	14	9.17	152.5
M897496		4.70	0.032	1.07	7.55	36.2	690	1.64	1.65	3.06	2.04	45.7	3.4	16	8.36	50.6
M897497		1.66	0.026	1.03	7.58	30.8	710	1.86	1.59	3.07	2.07	45.3	3.2	12	8.79	21.6
M897498		8.68	0.005	0.34	6.59	9.6	520	1.35	0.32	3.87	1.88	29.5	3.6	14	8.12	<0.2
M897499		12.51	0.005	0.22	6.93	10.3	760	1.37	0.49	3.57	0.23	31.3	6.0	16	12.20	9.6
M897500		4.36	0.011	0.39	6.76	10.7	640	1.49	0.67	3.66	0.34	30.1	3.8	17	10.90	40.4
M897501		14.50	0.006	0.45	6.42	8.7	400	1.45	0.77	3.72	2.06	29.3	3.3	17	6.75	2.1
M897502		6.59	0.243	7.03	6.96	459	170	1.35	13.40	0.41	0.47	54.6	3.9	16	4.78	211
M897503		0.27	4.37	>100	5.39	5550	1330	1.02	57.8	1.97	221	33.8	9.0	18	12.15	1270
M897504		5.86	7.35	65.2	5.77	>10000	380	0.84	79.9	0.24	2.40	29.3	7.5	14	4.31	3550
M897505		1.40	<0.005	0.05	0.08	8	20	0.05	0.07	20.4	0.06	0.89	1.2	2	0.12	4.4
M897506		8.31	0.245	7.74	6.87	194.0	800	1.74	14.85	0.37	0.82	65.5	3.4	17	4.12	172.0
M897507		4.02	0.284	8.66	6.61	320	290	1.41	15.60	0.64	6.55	53.1	3.0	14	4.07	145.5
M897508		2.68	<0.005	0.05	0.12	<5	20	0.06	0.11	20.9	0.04	1.55	1.3	2	0.20	3.6
M897509		4.05	0.103	2.04	6.64	97.2	820	1.57	4.34	0.38	0.51	61.0	3.6	19	3.38	44.1
M897510		4.78	0.044	1.12	7.11	72.2	730	1.37	2.41	0.50	0.34	54.7	1.5	17	4.10	11.8
M897511		5.76	0.066	2.15	7.31	89.3	700	1.64	3.73	0.34	0.15	48.1	4.8	24	3.89	38.0
M897512		4.77	0.023	1.83	7.68	58.7	870	1.78	2.42	1.22	11.60	45.0	3.7	16	5.22	54.8
M897513		4.32	0.005	0.66	7.12	9.5	490	1.34	0.81	5.91	4.38	56.7	1.5	10	8.26	10.8
M897514		8.86	<0.005	0.38	7.66	8.3	350	1.70	0.33	4.11	0.79	42.5	1.3	13	8.16	56.5
M897515		<0.02	<0.005	0.39	7.83	7.7	360	1.76	0.31	4.24	0.74	42.0	1.2	12	8.36	63.7
M897516		10.64	0.043	1.50	7.38	259	890	1.46	1.91	3.78	6.16	40.2	6.7	12	5.32	24.1
M897517		5.60	0.105	3.91	7.69	77.8	710	1.53	5.20	3.26	4.27	69.0	12.5	13	5.47	40.2
M897518		0.27	0.495	10.10	6.68	1865	310	1.56	5.81	1.90	42.3	42.7	18.7	20	16.50	115.0
M897519		9.68	0.012	0.64	7.71	21.8	800	1.68	1.22	3.36	0.95	68.0	3.2	13	7.62	18.9
M897520		3.67	0.010	1.71	7.24	67.5	500	1.52	1.60	3.43	21.0	61.6	2.1	17	6.36	79.6
M897521		10.76	0.011	0.54	7.63	13.5	520	1.60	0.78	4.21	1.16	60.6	13.4	14	8.53	5.5
M897522		3.94	0.024	1.03	6.98	11.9	820	1.11	0.89	3.73	1.40	51.1	43.6	12	6.12	10.1



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**CERTIFICATE OF ANALYSIS WH12158895**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897495		2.93	16.05	0.12	1.0	0.407	1.86	16.5	10.2	0.74	1020	1.39	1.72	7.3	2.5	560
M897496		4.44	16.15	0.09	1.1	0.145	1.61	18.9	22.2	0.93	1100	1.22	1.58	7.5	2.3	630
M897497		4.52	16.80	0.12	1.1	0.155	1.63	19.8	24.8	0.91	1100	1.22	1.50	7.9	1.9	590
M897498		1.68	16.25	0.10	1.0	0.114	0.98	11.6	22.7	0.81	746	1.06	2.80	8.1	1.5	570
M897499		2.42	16.90	0.11	0.9	0.144	1.09	12.6	19.8	0.80	970	1.18	2.67	7.4	1.8	560
M897500		2.06	16.05	0.10	0.8	0.201	1.18	11.3	14.0	0.70	983	1.22	2.41	7.3	1.1	570
M897501		1.55	15.95	0.11	0.8	0.277	1.45	10.7	12.0	0.67	858	1.04	1.99	7.7	0.7	560
M897502		7.24	20.5	0.20	0.8	0.653	3.02	25.2	13.2	0.38	481	4.48	0.06	6.1	2.0	530
M897503		8.25	12.00	0.18	1.0	5.27	2.24	16.9	34.5	0.63	2910	14.25	0.08	5.5	14.3	450
M897504		12.65	14.95	0.24	0.7	1.770	2.53	12.6	5.6	0.22	275	1.14	0.04	4.8	2.4	380
M897505		0.47	0.09	<0.05	<0.1	0.009	0.03	<0.5	0.9	12.50	202	0.09	0.01	0.3	<0.2	160
M897506		5.79	18.15	0.20	0.7	0.675	2.84	34.9	33.2	0.73	1080	1.02	0.05	6.9	2.0	530
M897507		7.50	17.50	0.19	0.7	0.667	2.58	24.9	31.6	0.76	1260	0.72	0.06	6.0	1.3	570
M897508		0.52	0.21	0.06	<0.1	0.009	0.05	0.7	1.5	12.65	217	0.06	0.01	0.4	<0.2	190
M897509		6.42	17.20	0.17	0.7	0.601	2.39	36.0	47.1	0.87	1360	1.04	0.06	6.1	1.5	530
M897510		6.90	18.50	0.13	0.7	0.280	2.48	32.3	43.0	0.99	1640	1.38	0.06	5.6	2.2	600
M897511		6.64	18.40	0.13	0.8	0.528	2.66	27.4	30.8	0.93	1400	1.61	0.06	6.0	2.2	610
M897512		5.66	18.30	0.12	0.8	1.100	2.87	25.0	22.9	0.94	1690	1.12	0.06	6.2	3.0	560
M897513		2.05	16.95	0.16	0.9	0.570	1.89	30.4	11.5	0.84	1120	1.11	1.07	6.5	0.8	530
M897514		1.45	17.30	0.13	0.9	0.228	0.66	16.7	13.0	0.84	750	0.88	2.66	7.6	1.1	580
M897515		1.46	18.10	0.14	1.0	0.229	0.69	16.2	13.5	0.86	774	0.78	2.75	7.9	1.0	620
M897516		2.86	17.75	0.13	0.8	0.396	2.61	15.9	7.0	0.71	1300	1.05	0.62	5.5	1.4	630
M897517		4.50	19.15	0.15	0.8	0.437	2.76	37.3	9.0	0.84	1360	1.11	0.35	6.1	1.9	550
M897518		5.31	16.40	0.13	1.3	0.994	2.83	21.7	22.4	0.69	2000	12.95	0.27	7.3	16.4	510
M897519		2.62	19.35	0.14	0.9	0.289	2.09	34.6	12.9	0.95	1120	0.86	1.20	6.7	2.4	570
M897520		3.08	18.65	0.15	0.8	0.350	1.37	31.4	12.9	1.15	1160	1.27	1.75	6.7	2.4	550
M897521		2.38	18.80	0.14	0.9	0.191	1.70	29.3	14.4	0.97	1030	0.85	1.46	7.0	6.1	760
M897522		2.82	17.40	0.14	0.9	0.139	2.14	24.0	10.1	0.94	1000	6.37	0.81	5.3	10.8	590



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**CERTIFICATE OF ANALYSIS WH12158895**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897495		99.3	78.0	<0.002	0.65	12.75	9.5	1	3.1	254	0.61	0.09	11.4	0.207	1.43	3.4
M897496		58.1	62.2	<0.002	0.71	7.83	10.8	1	4.4	270	0.68	0.15	12.6	0.260	1.15	4.1
M897497		69.3	64.4	0.002	0.66	5.35	11.1	1	5.2	268	0.70	0.16	12.0	0.254	1.22	3.9
M897498		62.0	33.3	<0.002	0.23	4.43	10.5	1	2.5	391	0.66	0.05	10.7	0.229	0.71	2.6
M897499		18.2	43.3	<0.002	0.28	8.58	10.9	1	2.5	303	0.58	0.07	11.5	0.222	0.90	2.7
M897500		20.4	50.8	<0.002	0.29	5.26	10.6	1	2.7	317	0.54	0.10	11.0	0.217	1.12	2.7
M897501		35.0	80.6	<0.002	0.24	3.72	10.1	1	3.0	303	0.57	0.11	9.8	0.221	1.49	2.4
M897502		63.6	158.5	0.002	6.22	18.70	10.7	1	11.6	31.9	0.48	1.66	11.9	0.195	2.73	2.8
M897503		9280	127.0	0.002	7.08	213	7.5	2	9.9	124.5	0.43	0.55	7.9	0.179	2.01	4.8
M897504		223	122.0	<0.002	>10.0	49.3	9.0	8	10.5	20.9	0.43	14.15	8.5	0.154	1.91	4.5
M897505		1.8	1.3	<0.002	0.02	0.08	0.2	<1	<0.2	42.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M897506		91.6	170.5	<0.002	2.48	7.17	11.5	<1	7.2	34.9	0.51	0.41	14.1	0.205	2.79	4.8
M897507		465	141.5	<0.002	4.18	11.50	11.0	1	7.4	40.6	0.46	0.71	10.9	0.206	2.40	3.4
M897508		1.9	2.5	<0.002	0.02	0.12	0.4	<1	<0.2	40.8	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M897509		50.4	133.5	<0.002	1.72	5.60	11.2	<1	5.1	34.7	0.46	0.36	13.4	0.184	2.42	4.1
M897510		27.8	136.0	<0.002	1.44	2.97	8.5	1	5.9	41.9	0.48	0.26	13.0	0.187	2.26	3.9
M897511		42.2	143.5	<0.002	1.85	3.47	9.1	1	6.2	32.9	0.53	0.46	14.5	0.198	2.42	2.6
M897512		78.6	177.5	<0.002	0.97	4.23	9.4	1	6.5	54.3	0.58	0.22	15.1	0.207	2.58	3.3
M897513		133.5	145.0	<0.002	0.18	4.55	9.4	1	3.0	300	0.60	0.17	13.5	0.202	1.93	3.3
M897514		30.9	37.3	<0.002	0.07	4.16	10.1	1	2.8	443	0.70	0.09	15.2	0.231	0.67	3.0
M897515		28.3	36.5	<0.002	0.07	4.23	10.4	1	2.8	460	0.73	0.07	15.3	0.248	0.67	3.0
M897516		137.5	152.0	<0.002	0.74	4.74	9.1	1	4.0	161.0	0.50	0.53	14.0	0.181	2.32	3.2
M897517		219	177.0	<0.002	2.25	4.91	10.4	1	4.8	147.5	0.56	1.27	15.5	0.190	2.56	3.2
M897518		1315	154.5	<0.002	3.15	34.4	8.4	1	6.1	153.5	0.65	0.32	12.3	0.211	2.35	4.8
M897519		39.5	124.5	<0.002	0.43	4.96	10.7	1	4.4	204	0.60	0.20	16.8	0.214	2.04	4.2
M897520		165.5	84.8	<0.002	0.84	5.84	10.3	1	4.8	248	0.60	0.09	15.0	0.212	1.40	3.7
M897521		55.6	88.5	<0.002	0.65	3.21	11.3	1	3.8	297	0.64	0.29	15.9	0.215	1.58	4.2
M897522		111.0	113.0	0.006	1.07	4.23	10.0	1	3.2	152.0	0.49	0.31	13.8	0.168	1.74	3.5





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**CERTIFICATE OF ANALYSIS WH12158895**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M897495		66	1.9	14.5	347	26.2		
M897496		77	3.5	14.1	206	24.4		
M897497		75	3.8	14.4	201	25.5		
M897498		62	1.1	14.2	168	24.7		
M897499		73	0.9	14.2	79	21.7		
M897500		72	1.0	14.1	83	20.2		
M897501		53	1.0	12.6	194	19.2		
M897502		55	7.9	8.1	52	18.8		
M897503		52	4.9	8.9	>10000	28.5	119	1.625
M897504		52	14.8	10.3	170	15.0		
M897505		3	0.1	0.7	14	<0.5		
M897506		64	5.4	7.7	100	20.2		
M897507		62	6.7	6.7	480	15.8		
M897508		3	0.1	0.9	13	<0.5		
M897509		60	6.3	5.1	98	20.8		
M897510		67	5.5	4.9	89	22.0		
M897511		64	6.9	5.3	70	21.8		
M897512		62	4.5	8.4	907	22.7		
M897513		64	1.3	16.4	352	23.1		
M897514		55	0.9	16.0	105	23.5		
M897515		58	0.9	16.4	110	27.0		
M897516		55	1.6	10.8	527	21.6		
M897517		64	2.8	11.6	382	23.3		
M897518		59	5.1	11.7	3040	41.8		
M897519		69	1.1	15.3	139	23.7		
M897520		71	1.3	17.0	1560	21.7		
M897521		72	1.0	16.3	163	23.6		
M897522		70	1.1	13.0	185	24.5		



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Project: Klaza-78

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12158896**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899231		11.32	<0.005	0.06	7.59	3.8	1870	1.38	0.13	2.56	0.24	38.2	4.8	14	11.25	6.1
M899232		3.32	<0.005	0.09	8.35	33.9	2390	1.08	0.33	1.03	3.57	45.8	7.1	12	13.50	23.9
M899233		3.83	0.026	0.42	7.60	77.8	1130	1.52	0.49	0.87	8.30	54.0	10.2	11	19.00	37.4
M899234		13.11	0.005	0.50	8.11	10.3	2460	1.36	0.42	2.41	0.38	53.2	8.2	14	13.45	111.0
M899235		6.64	<0.005	0.15	8.04	13.0	2390	1.64	0.38	2.39	0.18	53.3	10.6	13	15.25	28.3
M899236		3.94	0.058	1.58	7.82	308	2130	1.50	1.30	1.08	36.1	52.2	10.0	13	20.9	23.7
M899237		12.48	<0.005	0.24	7.90	21.2	2290	1.53	0.42	2.33	1.29	47.6	11.3	14	14.90	36.3
M899238		10.88	0.005	0.21	8.02	14.1	2490	1.55	0.46	2.43	0.53	49.6	9.3	17	12.70	69.3
M899239		4.16	0.012	0.30	7.72	33.4	2390	1.57	0.46	2.83	0.29	49.0	9.0	14	21.8	38.2
M899240		5.18	<0.005	0.23	8.10	14.8	2570	1.62	0.50	2.64	0.44	51.0	9.0	16	18.25	24.5
M899241		2.54	<0.005	0.19	8.09	13.1	2540	1.47	0.39	2.61	0.19	57.1	8.2	14	18.30	17.0
M899242		4.15	0.034	0.41	7.84	73.3	2340	1.47	0.49	2.44	1.01	52.4	9.5	17	20.5	55.7
M899243		4.34	0.042	2.66	7.53	72.0	2010	1.47	3.92	2.30	3.67	48.3	10.4	13	17.20	77.4
M899244		6.19	0.032	1.25	8.17	131.0	1880	1.48	1.27	0.93	22.9	57.4	12.0	13	21.5	63.6
M899245		0.27	4.61	>100	5.65	8500	970	1.01	46.0	1.96	233	32.7	9.6	16	11.70	1300
M899246		5.37	1.865	93.0	5.69	1075	580	1.15	69.7	0.06	217	40.9	7.3	14	7.73	2090
M899247		5.15	0.153	5.73	7.87	261	590	1.79	3.91	0.26	34.0	60.3	5.7	12	15.65	187.0
M899248		12.14	0.232	4.06	6.89	244	700	0.96	4.19	0.53	13.35	41.5	6.7	15	9.10	198.0
M899249		9.19	2.58	60.4	3.33	719	460	0.94	30.9	0.38	346	23.1	12.0	15	8.22	1070
M899250		2.01	<0.005	0.09	0.08	<5	20	0.07	0.20	21.9	0.30	1.19	1.1	1	0.14	11.0
M899251		6.67	1.210	55.6	3.94	996	920	0.81	54.3	0.94	36.4	22.4	16.6	26	4.87	3220
M899252		6.27	0.221	11.25	7.21	339	600	1.42	11.15	0.25	30.0	45.1	9.2	14	9.20	552
M899253		9.06	0.043	4.09	7.77	143.5	1220	1.46	3.36	1.00	25.8	51.9	13.2	16	16.20	273
M899254		7.59	0.049	2.25	7.43	91.6	900	1.36	1.98	1.38	24.1	40.1	29.1	13	13.20	171.5
M899255		0.28	2.35	24.0	6.06	3540	1750	1.20	17.80	2.20	77.8	45.4	9.9	19	15.30	446
M899256		3.91	0.085	2.51	6.90	101.0	900	1.33	2.15	1.29	44.8	43.7	22.7	10	14.60	77.2
M899257		4.49	0.342	17.00	6.70	102.0	1170	1.30	13.35	1.28	32.3	28.6	64.2	18	12.35	153.5
M899258		2.66	<0.005	0.05	0.11	<5	20	0.07	0.04	21.2	0.20	1.32	1.1	1	0.30	1.7
M899259		4.83	0.024	0.82	7.36	68.5	1730	1.36	8.29	2.01	6.03	43.0	9.2	16	17.00	35.3
M899260		10.96	0.006	0.31	7.83	18.8	2130	1.29	0.64	1.27	3.07	42.3	11.0	14	19.30	11.2
M899261		11.39	<0.005	0.14	7.50	11.4	2410	1.50	0.48	2.44	0.23	46.4	7.0	19	11.15	14.4
M899262		<0.02	<0.005	0.15	7.86	11.2	2510	1.53	0.46	2.57	0.21	50.2	7.4	18	11.70	14.6
M899263		8.07	0.011	0.18	7.56	13.6	2500	1.46	0.67	2.59	0.21	46.6	11.1	16	9.31	17.7
M899264		8.85	0.008	0.33	7.88	33.8	2380	1.58	0.56	2.52	2.24	52.0	8.2	18	12.15	9.4
M899265		3.57	0.343	17.50	6.90	357	480	1.35	55.3	0.94	7.01	39.5	15.4	15	13.70	59.3
M899266		6.59	0.031	0.52	8.16	51.9	2210	1.36	1.52	1.16	4.28	53.9	10.7	14	15.75	22.5



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Account: ROCKHA

Project: Klaza-78

**CERTIFICATE OF ANALYSIS WH12158896**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899231		2.90	14.25	0.10	1.0	0.043	2.49	19.0	13.6	0.78	545	2.30	1.69	6.4	2.2	610
M899232		3.52	15.65	0.11	1.1	0.050	3.09	26.3	16.1	0.45	923	1.91	0.79	7.0	2.6	640
M899233		4.39	18.10	0.14	1.2	0.244	3.24	30.5	18.3	0.56	1510	3.83	0.06	7.4	3.2	590
M899234		3.23	17.40	0.14	1.3	0.075	2.93	30.3	8.4	0.76	608	2.78	2.15	7.8	2.6	640
M899235		3.17	19.60	0.17	1.3	0.062	2.99	31.0	10.8	0.84	536	2.06	2.48	8.3	2.7	620
M899236		4.19	18.90	0.15	1.3	2.10	3.05	30.6	14.4	0.48	1660	2.85	1.02	7.8	3.1	580
M899237		3.19	19.10	0.15	1.3	0.083	2.95	25.8	10.8	0.74	684	2.68	2.17	8.4	2.9	620
M899238		3.14	17.75	0.14	1.2	0.069	2.95	28.3	10.1	0.82	529	1.97	2.39	7.9	2.6	620
M899239		3.03	19.00	0.15	1.4	0.065	3.00	26.9	13.9	0.76	689	2.73	1.73	8.4	2.5	610
M899240		3.37	19.50	0.16	1.4	0.065	2.93	28.6	10.4	0.82	666	2.16	2.20	8.7	2.9	610
M899241		3.28	19.40	0.17	1.4	0.058	2.95	32.0	9.8	0.81	640	2.11	2.17	8.2	2.7	600
M899242		3.23	18.80	0.16	1.4	0.074	3.15	29.5	15.1	0.84	860	2.66	1.68	8.0	3.1	600
M899243		3.76	18.00	0.15	1.4	0.137	2.96	27.0	9.1	0.79	1040	2.64	1.25	7.5	2.7	580
M899244		4.16	19.95	0.16	1.6	0.183	3.20	32.3	19.2	0.51	1470	2.89	0.07	8.7	3.4	600
M899245		8.25	13.95	0.15	1.1	4.74	2.31	15.8	22.1	0.63	3050	14.70	0.08	5.2	14.0	470
M899246		8.41	19.10	0.16	1.0	2.39	2.61	21.2	9.2	0.22	1540	7.10	0.03	5.6	2.3	160
M899247		4.95	20.4	0.13	1.4	1.640	3.48	34.5	6.8	0.35	1120	4.35	0.03	8.0	2.2	640
M899248		5.18	13.85	0.11	0.9	0.394	3.10	24.1	9.2	0.37	1340	5.74	0.03	5.0	1.8	330
M899249		9.01	19.20	0.16	0.6	3.81	1.45	12.2	31.1	0.25	10550	46.1	0.02	3.1	2.9	240
M899250		0.51	0.23	0.06	<0.1	0.007	0.03	0.6	0.7	13.40	239	0.17	0.01	0.2	<0.2	230
M899251		14.00	10.50	0.17	0.6	1.665	1.80	13.1	11.6	0.26	787	28.5	0.03	2.6	2.4	230
M899252		7.33	17.90	0.15	1.2	1.950	3.29	23.4	7.0	0.33	694	4.61	0.03	6.9	2.9	540
M899253		4.68	18.65	0.14	1.2	0.530	3.06	28.8	34.0	0.54	1560	3.36	0.06	7.8	3.5	670
M899254		4.97	14.70	0.12	1.0	0.488	2.96	21.8	21.8	0.76	1480	20.3	0.04	6.6	3.3	620
M899255		6.72	13.30	0.14	0.9	1.730	2.58	26.2	22.7	0.91	1880	13.00	0.03	6.2	14.8	440
M899256		4.79	14.70	0.13	0.9	0.996	3.07	25.4	17.1	0.79	1640	9.05	0.03	6.1	2.8	520
M899257		5.57	13.50	0.12	0.9	0.917	2.91	14.2	18.5	0.67	1310	40.8	0.04	5.4	3.5	510
M899258		0.49	0.29	0.05	<0.1	0.008	0.04	0.6	1.1	12.65	222	0.22	0.01	0.3	1.1	180
M899259		3.33	15.45	0.09	1.2	0.211	2.86	22.3	44.2	0.74	978	9.90	0.04	7.4	2.7	600
M899260		3.10	17.05	0.14	1.3	0.060	2.76	21.7	35.7	0.45	830	1.96	0.08	8.9	2.7	630
M899261		3.02	15.70	0.14	1.2	0.048	2.72	23.7	16.1	0.76	514	2.60	2.26	8.4	2.7	590
M899262		3.17	16.25	0.13	1.2	0.049	2.81	25.6	16.4	0.79	539	2.78	2.38	8.7	2.8	620
M899263		3.09	15.75	0.12	1.1	0.077	2.91	23.8	15.2	0.83	539	1.86	2.25	8.4	2.8	590
M899264		3.17	16.45	0.14	1.2	0.116	3.02	27.3	16.7	0.71	659	2.63	1.48	8.9	3.5	630
M899265		9.83	14.20	0.18	1.0	0.575	3.05	21.1	7.5	0.54	962	2.20	0.05	6.9	2.9	480
M899266		3.86	17.10	0.15	1.3	0.177	3.21	29.1	31.0	0.51	1080	2.76	0.09	9.2	3.4	650



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Project: Klaza-78

**CERTIFICATE OF ANALYSIS WH12158896**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899231		16.8	77.2	<0.002	0.04	2.23	8.3	1	1.5	445	0.58	<0.05	11.4	0.253	0.79	3.6
M899232		22.0	111.0	<0.002	0.11	12.00	9.3	1	2.4	171.5	0.64	<0.05	13.2	0.272	1.29	3.4
M899233		118.0	178.0	<0.002	1.42	20.7	10.5	1	4.5	72.2	0.66	0.13	14.8	0.239	2.44	5.7
M899234		21.5	115.0	<0.002	0.21	3.36	10.3	1	1.9	359	0.69	0.08	14.3	0.270	1.28	3.9
M899235		22.4	129.5	<0.002	0.19	2.11	11.5	1	2.0	415	0.73	<0.05	16.1	0.264	1.31	4.7
M899236		366	146.0	<0.002	1.04	17.25	10.2	1	4.6	177.0	0.71	0.08	15.6	0.247	1.95	4.4
M899237		38.4	125.0	<0.002	0.32	4.85	11.1	1	2.2	347	0.76	0.08	15.3	0.262	1.44	4.7
M899238		21.9	116.5	<0.002	0.29	2.37	10.3	1	2.1	387	0.70	0.16	15.0	0.263	1.22	4.1
M899239		29.5	133.0	<0.002	0.45	3.32	11.1	1	2.2	313	0.75	0.11	14.6	0.264	1.69	4.6
M899240		32.3	124.5	<0.002	0.21	2.62	11.7	1	2.3	389	0.76	0.05	15.3	0.271	1.42	4.4
M899241		26.6	125.5	<0.002	0.20	2.39	11.1	1	2.2	387	0.75	<0.05	15.9	0.264	1.44	4.4
M899242		35.8	142.5	<0.002	0.46	4.78	10.9	1	2.4	301	0.73	0.07	15.4	0.255	1.91	4.1
M899243		87.4	131.5	<0.002	0.83	11.30	9.9	1	2.9	238	0.70	0.18	14.0	0.243	1.84	3.5
M899244		117.5	157.0	<0.002	1.15	20.8	11.4	1	4.2	89.7	0.79	0.13	16.3	0.271	2.37	4.1
M899245		9470	131.5	<0.002	7.29	219	7.0	2	8.3	125.5	0.45	0.49	8.5	0.185	2.00	4.9
M899246		>10000	167.0	<0.002	9.11	446	7.9	2	26.2	22.5	0.53	2.33	9.2	0.175	2.49	2.6
M899247		854	207	<0.002	2.63	76.1	10.4	1	14.2	29.4	0.73	0.10	15.6	0.257	3.56	5.9
M899248		625	165.5	<0.002	4.37	64.4	6.3	1	8.3	30.4	0.47	0.37	9.6	0.218	2.31	3.9
M899249		>10000	103.5	<0.002	8.72	554	5.5	3	45.5	51.3	0.27	0.74	5.4	0.095	1.69	6.3
M899250		14.0	1.3	<0.002	0.03	0.81	<0.1	1	<0.2	46.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M899251		1895	99.9	<0.002	>10.0	298	4.3	2	15.6	36.6	0.25	1.29	5.3	0.090	1.28	3.5
M899252		358	200	<0.002	6.79	57.6	9.3	1	13.6	20.8	0.65	0.54	12.1	0.236	2.80	3.5
M899253		434	158.5	<0.002	1.60	52.7	10.2	1	6.1	111.0	0.69	0.19	14.3	0.253	2.31	5.0
M899254		473	171.0	0.002	2.49	22.2	9.9	1	7.7	71.6	0.52	0.54	12.8	0.211	2.45	5.1
M899255		2820	156.5	<0.002	4.98	90.6	7.6	2	8.1	93.7	0.47	0.38	11.3	0.183	2.35	5.6
M899256		933	170.5	<0.002	2.31	27.7	8.9	1	9.3	47.4	0.48	0.30	11.6	0.202	2.73	4.3
M899257		610	162.5	0.002	3.60	28.2	8.6	2	4.4	33.3	0.43	6.83	10.8	0.171	2.40	4.2
M899258		4.3	2.1	<0.002	0.03	0.17	0.3	1	<0.2	40.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M899259		50.2	126.5	<0.002	1.37	23.1	9.5	1	2.8	84.8	0.58	4.05	12.5	0.233	2.09	6.6
M899260		42.0	111.5	<0.002	0.42	14.55	10.5	1	2.5	75.0	0.71	0.14	12.3	0.273	1.45	3.5
M899261		17.2	103.5	<0.002	0.27	2.36	10.1	1	2.1	393	0.66	0.08	12.3	0.263	1.13	3.6
M899262		17.1	104.5	<0.002	0.28	2.44	10.3	1	2.2	413	0.67	0.08	12.7	0.273	1.17	3.9
M899263		18.3	108.0	<0.002	0.64	2.30	9.8	1	2.4	367	0.65	0.15	12.3	0.260	1.26	4.0
M899264		51.5	117.0	<0.002	0.48	4.75	10.1	1	2.9	278	0.69	0.05	13.2	0.270	1.61	3.4
M899265		270	163.0	<0.002	9.23	8.28	8.6	2	6.7	40.2	0.54	3.19	10.9	0.215	2.75	4.6
M899266		36.0	152.0	<0.002	0.67	13.10	11.6	1	3.1	89.3	0.70	0.11	15.0	0.273	1.91	4.3



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**CERTIFICATE OF ANALYSIS WH12158896**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M899231		71	2.1	13.1	49	27.3			
M899232		72	7.7	16.9	317	32.1			
M899233		70	4.4	15.2	528	36.7			
M899234		73	2.7	17.6	69	36.0			
M899235		71	3.4	19.5	46	40.0			
M899236		66	6.0	16.2	2190	37.7			
M899237		71	2.2	17.8	120	38.1			
M899238		71	1.7	17.9	73	37.3			
M899239		71	2.5	17.2	63	40.0			
M899240		75	2.6	19.2	68	41.8			
M899241		72	2.4	19.0	52	40.1			
M899242		69	2.9	18.2	112	40.0			
M899243		67	2.3	16.5	244	40.1			
M899244		75	5.2	18.4	1500	44.5			
M899245		54	4.3	9.7	>10000	34.4	124		1.695
M899246		51	8.0	12.0	>10000	29.6		1.430	1.325
M899247		74	8.3	14.7	1080	40.8			
M899248		62	4.8	9.0	719	25.0			
M899249		35	5.5	9.3	>10000	17.2		1.640	2.07
M899250		3	0.1	0.8	31	<0.5			
M899251		37	3.9	7.4	1460	16.6			
M899252		67	7.5	12.3	1720	34.9			
M899253		70	3.7	16.1	1680	35.9			
M899254		66	3.5	13.4	1540	25.8			
M899255		57	5.0	9.7	5340	25.0			
M899256		65	3.3	10.6	2950	25.2			
M899257		64	2.3	11.5	2050	24.1			
M899258		2	0.3	0.8	26	<0.5			
M899259		62	2.5	13.6	297	31.7			
M899260		71	5.9	14.2	311	35.7			
M899261		71	1.4	16.0	57	32.3			
M899262		72	1.6	16.5	58	33.0			
M899263		70	1.1	15.6	55	31.2			
M899264		72	2.3	16.5	254	33.8			
M899265		62	8.5	11.5	662	27.4			
M899266		73	4.0	17.3	566	35.5			



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Project: Klaza-78

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Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12158896**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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Finalized Date: 3-AUG-2012  
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**CERTIFICATE WH12158897**

Project: Klaza-78

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 3-AUG-2012  
Account: ROCKHA

Project: Klaza-78

**CERTIFICATE OF ANALYSIS WH12158897**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899267		5.84	0.062	1.54	7.52	67.6	1780	1.37	3.01	2.36	1.90	50.8	8.3	13	11.50	38.3
M899268		12.99	<0.005	0.18	7.85	12.8	2310	1.45	0.45	2.42	0.21	50.1	6.5	20	10.70	10.8
M899269		12.39	<0.005	0.15	7.91	11.7	2350	1.39	0.55	2.71	0.15	52.8	7.6	16	9.55	8.8
M899270		<0.02	<0.005	0.16	7.42	12.2	2320	1.79	0.51	2.60	0.22	47.3	8.4	17	10.20	2.5
M899271		11.53	<0.005	0.17	7.38	21.0	2310	1.77	0.65	2.52	0.39	46.8	8.4	17	12.45	6.3
M899272		6.06	<0.005	0.18	7.18	28.0	2450	1.56	0.49	2.45	0.44	43.5	7.1	15	12.70	22.2
M899273		3.28	<0.005	0.40	7.37	17.9	2440	1.61	1.24	2.55	0.69	57.7	8.9	18	12.55	5.4
M899274		9.88	0.022	0.85	7.37	27.9	2420	1.62	0.80	2.48	1.68	46.6	7.8	14	12.65	4.7
M899275		5.56	0.006	0.41	7.36	15.9	2460	1.46	1.06	2.16	0.58	48.7	10.8	15	15.70	12.1
M899276		2.48	0.007	0.56	7.39	16.7	2330	1.60	1.15	2.23	0.58	48.7	11.0	13	16.35	45.0
M899277		5.65	0.041	2.35	7.19	88.7	2090	1.94	5.78	2.68	11.15	77.5	9.7	17	19.75	83.8
M899278		6.35	0.010	0.54	7.06	35.7	560	1.82	2.03	2.89	0.63	86.2	46.6	13	14.90	2.7
M899279		6.31	0.039	1.18	7.09	42.1	260	1.77	3.42	3.39	1.91	131.5	98.1	9	15.65	1.3
M899280		4.34	2.43	22.6	7.51	615	600	3.04	49.6	1.68	34.0	60.3	21.6	16	20.7	861
M899281		8.18	<0.005	0.35	6.50	11.9	940	3.89	0.70	0.59	0.17	19.70	0.9	6	29.6	4.1
M899282		5.84	0.559	31.3	6.04	742	460	2.56	46.8	0.64	16.60	48.8	7.9	19	20.7	2220
M899283		13.90	<0.005	0.25	7.16	32.1	1180	2.50	1.15	2.93	0.60	50.4	6.5	22	31.5	8.5
M899284		12.83	<0.005	0.14	7.40	12.9	1290	2.03	0.09	2.58	0.26	51.5	6.0	15	35.7	1.0
M899285		11.13	<0.005	0.03	7.12	14.9	1130	1.81	0.04	2.76	0.13	51.1	5.0	18	32.7	1.8
M899286		10.58	<0.005	0.15	6.74	28.4	1370	1.67	0.09	3.16	0.38	47.5	5.8	18	29.4	7.4
M899287		9.10	0.011	0.34	7.20	64.7	4590	1.70	0.52	1.85	0.56	54.3	6.2	30	21.9	19.1
M899288		0.29	2.36	22.7	5.76	3380	680	1.34	17.45	2.12	78.7	39.7	10.8	16	14.55	425
M899289		4.88	0.104	2.76	7.09	301	360	1.59	3.74	0.64	9.37	49.9	8.3	14	18.80	134.0
M899290		4.17	0.017	0.60	7.88	59.2	1830	1.48	0.99	1.76	3.22	51.0	8.6	12	19.45	44.5
M899291		10.88	0.130	2.43	7.48	244	1600	1.66	3.50	2.21	9.63	49.2	6.5	15	22.6	64.1
M899292		7.38	0.059	0.96	7.43	186.5	1720	1.53	1.20	3.43	1.58	53.9	7.8	11	24.7	16.0
M899293		2.61	<0.005	0.02	0.09	<5	20	0.05	0.03	21.1	0.08	1.24	1.2	<1	0.29	1.7
M899294		5.11	0.045	1.25	7.31	314	2020	1.19	1.38	4.05	2.81	51.1	7.4	21	18.50	42.3
M899295		14.73	0.295	2.21	7.18	929	740	1.23	3.73	3.75	2.29	48.1	6.7	13	14.60	87.1
M899296		11.52	0.149	20.9	6.13	1940	390	1.31	38.0	4.79	36.6	40.1	8.2	9	11.75	186.0
M899297		2.47	<0.005	0.03	0.11	<5	30	0.06	0.06	20.7	0.09	1.49	1.4	<1	0.46	3.0
M899298		10.47	0.069	3.33	7.14	121.5	1010	1.38	7.39	1.89	18.35	40.6	21.7	12	14.25	61.0
M899299		0.25	4.58	>100	5.71	8870	1130	1.29	58.3	2.03	238	33.7	9.8	17	12.35	1355
M899300		6.58	0.687	8.83	6.08	807	650	1.23	21.4	0.71	3.98	57.2	32.5	13	8.23	155.5
M899301		6.21	0.022	1.00	7.87	57.0	1330	1.69	1.50	1.35	14.45	64.7	22.6	14	21.5	10.1
M899302		9.98	0.131	1.33	7.06	581	1070	1.45	1.64	2.49	4.58	47.6	6.2	13	18.75	21.3



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Project: Klaza-78

**CERTIFICATE OF ANALYSIS WH12158897**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899267		4.18	15.95	0.18	1.0	0.134	2.91	30.0	13.1	0.74	836	3.35	1.38	7.5	2.4	550
M899268		3.26	17.40	0.18	1.2	0.056	2.81	27.3	15.2	0.73	561	2.93	2.21	8.8	2.9	600
M899269		3.28	17.55	0.18	1.1	0.041	2.80	28.6	17.4	0.81	634	2.07	2.33	8.8	2.4	620
M899270		3.22	17.70	0.14	1.2	0.044	2.74	23.7	16.8	0.80	614	2.09	2.40	8.6	4.6	610
M899271		3.14	16.90	0.13	1.3	0.062	2.73	23.9	18.0	0.72	597	1.88	1.99	8.4	3.6	600
M899272		3.14	16.75	0.13	1.4	0.056	2.75	22.9	26.5	0.69	561	2.21	1.69	8.6	3.6	600
M899273		3.21	16.45	0.15	1.1	0.082	2.70	32.5	17.2	0.67	637	2.24	2.21	8.0	3.2	580
M899274		3.29	16.70	0.14	1.2	0.063	2.85	24.1	15.7	0.71	685	1.85	2.03	8.4	3.6	600
M899275		2.97	16.60	0.13	1.3	0.088	2.74	25.9	22.8	0.60	609	5.21	1.47	7.9	2.9	590
M899276		3.11	16.75	0.13	1.3	0.094	2.70	25.2	18.2	0.59	611	3.71	1.58	8.1	3.4	600
M899277		3.76	16.40	0.17	1.1	0.458	2.83	48.0	18.5	0.96	1520	3.92	0.07	7.4	3.6	570
M899278		4.53	17.20	0.17	1.1	0.359	2.66	49.6	10.8	0.90	902	9.67	1.11	6.8	4.1	570
M899279		6.04	18.10	0.23	1.1	0.526	2.78	79.3	9.5	1.00	1040	29.9	1.35	7.1	4.1	650
M899280		6.28	19.50	0.20	1.9	2.16	2.95	34.7	24.8	0.85	1590	4.55	0.04	10.2	6.2	530
M899281		0.79	19.75	0.13	3.0	0.029	2.42	10.0	47.9	0.24	406	2.85	0.05	24.2	0.9	30
M899282		6.27	18.05	0.18	1.9	2.13	2.39	30.4	45.1	0.37	737	42.7	0.04	8.3	9.4	460
M899283		2.47	20.3	0.13	3.1	0.043	2.61	24.8	29.0	0.96	747	3.59	0.06	9.4	14.7	760
M899284		2.33	19.40	0.14	1.9	0.032	2.82	25.4	16.8	0.84	637	0.78	0.06	9.1	7.2	850
M899285		2.39	18.45	0.16	1.8	0.033	2.71	24.7	22.1	0.86	788	1.04	0.06	8.7	6.2	800
M899286		2.32	18.35	0.13	2.5	0.028	2.35	23.6	93.5	1.05	652	1.09	0.10	8.8	11.9	730
M899287		2.34	19.15	0.12	3.9	0.033	1.99	29.0	192.5	0.89	640	1.96	0.22	8.9	21.8	610
M899288		6.32	13.80	0.17	0.9	1.550	2.51	21.6	22.8	0.87	1870	12.40	0.04	5.9	15.7	440
M899289		4.78	16.20	0.15	1.1	0.404	2.60	26.5	66.6	0.53	989	6.87	0.06	6.9	5.1	560
M899290		3.43	17.30	0.13	1.2	0.164	2.33	27.0	48.2	0.73	792	3.27	0.05	8.2	3.4	680
M899291		3.94	16.65	0.14	1.2	0.148	2.76	26.6	18.2	0.91	1410	2.61	0.06	7.7	3.3	580
M899292		3.72	16.50	0.15	1.3	0.089	2.61	29.7	43.5	1.25	1600	2.58	0.05	8.1	3.6	580
M899293		0.47	0.28	<0.05	<0.1	<0.005	0.03	0.6	1.0	13.05	231	0.16	<0.01	0.2	3.1	180
M899294		3.87	16.65	0.14	1.1	0.118	2.71	28.2	46.0	1.47	1700	2.92	0.06	7.5	3.1	550
M899295		4.34	15.65	0.15	1.1	0.133	2.54	27.0	73.2	1.41	1590	12.00	0.09	7.1	3.1	540
M899296		5.19	15.15	0.14	1.1	0.892	2.34	22.6	35.3	1.90	2340	8.33	0.06	6.0	4.0	440
M899297		0.50	0.34	<0.05	<0.1	0.005	0.05	0.7	1.7	12.65	236	0.22	<0.01	0.3	3.6	170
M899298		6.01	18.15	0.16	0.9	0.798	3.04	22.4	13.6	0.81	1200	3.97	0.05	7.6	3.2	580
M899299		8.37	13.95	0.19	1.1	4.58	2.42	17.8	32.1	0.65	3220	15.05	0.09	5.7	14.6	480
M899300		11.35	21.7	0.26	0.8	0.337	2.85	35.2	8.0	0.39	671	16.05	0.03	6.0	3.9	450
M899301		5.26	17.90	0.16	1.1	0.503	3.29	39.5	15.1	0.74	1530	3.13	0.04	7.4	3.3	580
M899302		4.32	15.85	0.14	1.0	0.127	2.85	26.3	24.8	0.78	2010	5.21	0.05	6.9	3.3	520



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Finalized Date: 3-AUG-2012  
Account: ROCKHA

Project: Klaza-78

**CERTIFICATE OF ANALYSIS WH12158897**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899267		101.0	143.5	<0.002	1.19	10.40	10.3	1	2.8	249	0.57	0.24	13.4	0.208	1.60	5.6
M899268		23.0	118.5	<0.002	0.10	2.58	11.3	1	1.9	383	0.65	<0.05	14.2	0.239	1.15	3.8
M899269		22.1	109.0	<0.002	0.13	2.14	11.4	1	2.0	415	0.62	0.08	14.7	0.243	1.06	4.1
M899270		24.8	97.7	<0.002	0.14	2.19	10.8	1	2.2	407	0.69	<0.05	12.5	0.267	1.10	3.5
M899271		24.6	97.2	<0.002	0.36	3.14	10.5	1	2.7	323	0.70	0.11	12.3	0.261	1.15	3.6
M899272		28.7	92.2	<0.002	0.18	8.96	10.1	1	2.7	292	0.74	0.05	11.7	0.266	1.13	3.0
M899273		45.0	94.9	<0.002	0.48	3.05	11.3	2	2.8	338	0.68	0.25	12.2	0.241	1.15	3.8
M899274		76.2	104.5	<0.002	0.36	4.30	10.6	1	2.8	336	0.70	0.08	12.9	0.262	1.28	3.5
M899275		31.5	106.0	<0.002	0.56	8.76	10.1	1	3.0	266	0.66	0.17	12.7	0.251	1.42	3.6
M899276		35.5	103.0	<0.002	0.59	7.90	10.6	1	3.2	271	0.68	0.22	12.7	0.257	1.40	3.4
M899277		184.5	142.0	<0.002	0.93	34.3	10.8	1	5.0	101.0	0.63	0.23	13.7	0.220	2.26	5.2
M899278		26.0	120.0	0.003	2.53	7.30	10.7	1	4.7	175.5	0.60	0.40	12.6	0.196	2.22	4.1
M899279		51.3	119.5	0.012	4.15	12.70	12.0	2	7.6	271	0.60	1.06	12.5	0.224	2.25	5.4
M899280		712	183.0	0.003	4.77	52.1	10.7	2	14.2	170.5	0.79	0.89	14.7	0.197	2.43	14.6
M899281		47.3	155.0	<0.002	0.06	6.73	3.2	1	3.6	57.2	2.74	<0.05	26.1	0.033	1.50	8.1
M899282		509	146.0	0.002	4.73	582	8.3	2	13.1	80.3	0.65	0.79	12.0	0.191	2.18	9.6
M899283		34.7	95.4	<0.002	0.05	13.65	6.1	1	1.7	266	0.76	<0.05	9.3	0.279	1.46	6.4
M899284		23.1	107.0	<0.002	0.09	5.39	5.9	1	1.4	194.0	0.70	<0.05	9.0	0.287	1.54	6.5
M899285		15.2	101.5	<0.002	0.06	7.09	6.5	1	1.5	159.0	0.70	<0.05	8.7	0.264	1.56	4.6
M899286		24.3	78.6	<0.002	0.09	7.93	5.5	1	1.3	241	0.69	<0.05	8.5	0.263	1.45	4.1
M899287		28.8	87.1	<0.002	0.37	12.20	5.8	1	1.9	605	0.71	<0.05	11.0	0.259	1.52	6.8
M899288		2640	157.0	<0.002	4.66	88.5	7.8	1	8.0	89.2	0.48	0.47	10.1	0.176	2.23	5.1
M899289		253	145.5	<0.002	2.71	51.2	9.4	1	7.2	110.0	0.57	0.16	13.1	0.225	2.73	5.2
M899290		92.5	109.5	<0.002	0.86	24.0	10.6	1	4.7	217	0.70	0.15	14.1	0.270	1.99	5.1
M899291		190.0	123.5	<0.002	1.12	17.80	9.8	1	3.4	100.5	0.65	0.06	13.9	0.248	2.43	6.1
M899292		67.2	130.5	<0.002	1.37	12.15	10.7	1	3.9	166.0	0.67	0.08	13.9	0.250	2.51	7.6
M899293		1.6	1.8	<0.002	0.02	0.10	0.2	1	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M899294		52.2	129.5	<0.002	1.25	16.65	9.9	1	4.1	230	0.62	0.06	12.8	0.234	2.70	4.6
M899295		74.9	117.5	<0.002	1.90	22.6	9.2	1	4.5	118.5	0.59	0.07	12.3	0.230	2.24	4.5
M899296		765	112.5	<0.002	2.77	47.9	7.8	1	6.4	113.5	0.49	0.09	10.6	0.192	2.14	4.7
M899297		2.2	2.9	<0.002	0.03	0.14	0.5	1	<0.2	42.9	<0.05	<0.05	0.2	<0.005	0.02	1.6
M899298		301	153.5	<0.002	4.33	11.05	9.4	1	11.2	50.1	0.58	0.30	12.8	0.239	2.76	3.2
M899299		9800	139.5	0.002	7.41	226	7.3	2	9.3	129.0	0.45	0.54	8.7	0.197	2.15	5.1
M899300		244	150.0	<0.002	>10.0	58.7	7.7	2	19.3	22.1	0.51	0.62	10.3	0.200	2.60	3.0
M899301		271	167.5	<0.002	1.92	17.25	10.5	1	6.8	50.7	0.62	0.19	14.0	0.259	2.99	5.8
M899302		161.5	137.0	<0.002	1.90	34.9	9.6	1	5.0	72.2	0.56	<0.05	12.4	0.240	2.61	5.1



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 Account: ROCKHA

Project: Klaza-78

**CERTIFICATE OF ANALYSIS WH12158897**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M899267		63	2.0	16.5	184	31.0		
M899268		71	1.9	18.2	52	36.6		
M899269		72	1.1	19.4	44	36.5		
M899270		70	1.2	16.6	41	32.3		
M899271		69	1.2	15.6	57	33.0		
M899272		70	1.7	15.1	80	33.7		
M899273		67	1.3	17.1	87	32.3		
M899274		69	2.4	16.1	147	31.5		
M899275		67	1.4	15.1	105	31.9		
M899276		70	1.4	15.6	103	32.4		
M899277		67	3.0	18.6	742	29.0		
M899278		58	1.8	14.7	98	27.6		
M899279		67	1.8	18.0	242	27.6		
M899280		48	11.4	17.9	2380	58.7		
M899281		1	2.0	12.5	59	50.1		
M899282		55	12.7	14.5	1220	67.3		
M899283		55	3.2	12.4	146	93.3		
M899284		52	1.6	11.4	84	47.8		
M899285		50	2.3	11.8	76	49.6		
M899286		49	2.5	11.3	81	73.0		
M899287		49	3.7	11.5	96	135.5		
M899288		54	5.2	9.9	5250	23.8		
M899289		63	8.4	12.6	719	30.2		
M899290		73	5.3	14.0	243	30.1		
M899291		67	5.8	14.0	680	30.6		
M899292		68	7.6	16.2	155	31.2		
M899293		2	0.1	0.8	12	<0.5		
M899294		63	7.5	15.6	248	28.6		
M899295		61	8.7	14.1	199	27.8		
M899296		57	8.2	11.6	2300	30.3		
M899297		3	0.1	1.0	12	<0.5		
M899298		81	3.7	13.9	1280	22.3		
M899299		55	4.8	9.8	>10000	31.8	117	1.565
M899300		94	6.1	11.3	300	19.3		
M899301		81	4.9	14.2	1050	26.5		
M899302		66	6.1	13.3	406	25.5		



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Project: Klaza-78

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**CERTIFICATE OF ANALYSIS WH12158897**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12158898**

Project: Klaza-78

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12158898**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899303		6.71	0.014	0.33	7.57	45.5	2210	1.63	0.21	2.22	3.17	44.6	6.9	10	20.7	12.4
M899304		11.21	0.013	0.65	7.92	29.1	2030	1.30	0.46	1.55	7.33	44.3	6.7	11	21.1	10.6
M899305		8.49	0.161	1.50	7.35	626	1640	1.44	1.32	2.33	9.91	53.1	6.0	9	16.90	29.5
M899306		5.17	0.335	1.53	7.25	384	1070	1.45	2.04	2.07	11.15	55.8	5.4	8	15.35	26.0
M899307		9.88	0.136	1.10	7.32	559	1460	1.62	1.27	2.62	11.30	49.3	6.6	11	20.7	19.0
M899308		6.65	0.071	0.41	6.99	465	1600	1.55	0.30	3.77	4.29	42.5	6.9	10	19.70	7.1
M899309		4.26	0.256	5.14	7.47	439	720	1.54	3.58	2.37	8.04	48.7	5.5	10	17.25	340
M899310		9.62	0.016	0.38	7.44	113.5	2230	1.61	0.38	2.41	0.71	43.4	6.0	9	15.40	20.3
M899311		<0.02	0.020	0.37	7.62	147.0	2300	1.69	0.39	2.51	0.78	43.3	6.3	10	15.90	20.3
M899312		4.57	0.171	4.12	7.29	826	950	1.35	6.94	1.39	2.66	51.9	5.9	9	18.60	63.0
M899313		5.02	0.012	0.39	7.40	35.1	2040	1.46	0.40	1.98	0.26	45.2	6.3	10	17.35	5.7
M899314		4.22	0.023	0.46	7.38	99.2	1400	1.51	0.47	2.48	1.75	47.5	7.6	9	19.95	6.2
M899315		5.76	0.121	1.57	7.42	667	910	1.53	1.76	2.16	14.00	53.1	6.4	9	19.65	29.0
M899316		3.42	<0.005	0.04	0.11	8	20	0.05	0.03	21.2	0.13	1.42	1.2	2	0.67	1.8
M899317		5.57	0.072	0.42	7.37	490	1830	1.44	0.35	2.23	4.43	44.9	6.9	8	19.60	6.8
M899318		4.06	0.050	2.39	7.41	424	1840	1.37	2.72	1.61	14.50	49.4	7.0	9	21.3	129.0
M899319		5.85	0.097	1.14	7.53	304	1750	1.52	1.87	1.90	2.28	49.8	5.8	9	19.25	24.2
M899320		0.27	2.19	23.7	6.01	3540	1690	1.20	18.15	2.18	77.0	45.3	10.2	19	15.40	441
M899321		4.91	0.214	1.07	7.21	844	890	1.52	0.75	1.76	9.25	54.1	13.5	8	20.8	12.4
M899322		5.20	0.020	0.56	7.23	69.7	1660	1.73	0.75	2.40	3.15	43.8	12.3	9	19.90	6.6
M899323		3.91	0.329	1.06	7.05	1345	1000	1.43	0.77	2.38	6.39	46.9	6.9	8	18.50	12.4
M899324		4.01	<0.005	0.21	7.46	23.9	1950	1.45	0.26	1.79	0.60	42.1	6.1	9	19.20	4.1
M899325		0.27	4.20	>100	5.56	8480	410	1.05	55.8	1.98	232	33.6	8.7	18	12.55	1295
M899326		4.68	0.284	27.2	6.61	2170	320	1.53	60.4	2.38	57.3	53.8	13.8	9	16.65	281
M899327		10.57	0.009	0.36	7.15	21.5	2490	1.28	0.44	1.32	3.73	33.3	8.0	9	13.00	4.7
M899328		4.24	0.055	2.31	7.08	193.5	1210	1.65	0.45	2.56	4.08	51.8	12.6	12	18.00	4.7
M899329		11.90	<0.005	0.15	7.60	15.7	1600	1.67	0.23	2.52	0.22	54.2	7.9	10	16.40	2.5
M899330		5.21	0.008	0.16	7.11	17.1	1910	1.60	0.33	2.43	1.11	40.4	5.2	10	15.95	4.1
M899331		4.36	0.504	1.16	7.23	605	940	1.63	0.68	3.98	11.35	50.7	6.1	8	21.2	15.2
M899332		4.15	0.073	0.43	7.24	73.4	2130	1.58	0.65	2.66	1.79	41.5	6.2	9	15.70	11.0
M899333		1.96	0.092	0.60	7.59	54.1	2120	1.71	0.88	2.64	3.34	45.5	7.4	11	15.65	14.6
M899334		4.24	0.116	0.44	7.04	74.7	1560	1.50	0.47	3.25	3.21	46.3	16.8	9	22.3	8.9
M899335		4.15	<0.005	<0.01	0.09	<5	20	0.07	0.02	21.9	0.07	1.29	1.5	1	0.26	2.0
M899336		5.31	0.014	0.18	7.45	22.4	2200	1.55	0.15	2.91	0.47	40.4	6.2	11	17.50	4.1
M899337		4.02	0.033	0.25	7.90	13.0	2030	1.52	0.25	2.29	0.44	46.7	6.4	9	15.65	5.2
M899338		8.85	0.006	0.10	7.56	28.6	1980	1.59	0.19	2.42	0.23	47.5	8.4	11	13.80	2.8





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Account: ROCKHA

Project: Klaza-78

**CERTIFICATE OF ANALYSIS WH12158898**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899303		3.72	16.30	0.13	1.2	0.072	3.01	23.1	25.1	0.72	599	1.41	0.96	8.6	3.1	600
M899304		3.03	17.40	0.13	1.3	0.121	3.09	22.8	34.3	0.51	835	3.95	0.08	9.2	2.7	620
M899305		3.72	15.55	0.13	1.2	0.238	3.03	29.4	16.3	0.89	2010	5.04	0.03	7.7	3.1	550
M899306		4.46	15.55	0.16	1.1	0.333	3.12	32.3	10.2	0.89	2170	3.29	0.02	7.5	2.6	540
M899307		3.63	16.00	0.12	1.2	0.369	2.98	26.8	14.8	0.98	1740	1.83	0.03	8.2	2.8	560
M899308		2.77	15.85	0.15	1.3	0.143	3.30	21.7	30.8	0.77	1540	1.60	0.16	8.4	2.5	570
M899309		4.53	16.70	0.16	1.3	0.624	3.55	25.5	17.3	0.69	1920	1.32	0.11	8.4	2.9	590
M899310		3.33	16.05	0.16	1.4	0.068	2.87	21.9	21.6	0.70	598	1.35	1.44	8.9	2.7	610
M899311		3.49	16.55	0.14	1.5	0.066	2.97	21.5	21.9	0.72	627	1.38	1.47	9.3	2.8	650
M899312		5.45	16.30	0.16	1.2	0.168	2.97	29.1	27.6	0.58	1180	1.00	0.05	7.7	2.6	540
M899313		3.27	16.45	0.14	1.3	0.065	3.09	23.0	20.6	0.63	800	0.91	0.88	8.8	2.7	600
M899314		3.29	16.40	0.14	1.1	0.117	2.91	25.1	16.4	0.86	1700	1.88	0.26	8.4	2.7	600
M899315		4.56	16.40	0.16	1.2	0.738	2.99	29.9	14.1	0.88	2090	1.45	0.03	7.9	2.8	540
M899316		0.47	0.34	0.06	<0.1	0.005	0.05	0.7	1.2	12.65	221	0.14	0.01	0.3	1.6	180
M899317		3.08	17.25	0.12	1.3	0.114	2.81	23.2	60.9	0.84	985	1.18	0.06	8.6	2.3	580
M899318		4.26	16.80	0.13	1.3	0.743	2.82	26.0	70.9	0.66	1700	3.76	0.07	8.6	2.8	600
M899319		3.59	16.65	0.14	1.2	0.146	3.22	27.0	25.9	0.80	1090	1.22	0.07	8.2	2.5	570
M899320		6.67	13.60	0.15	0.9	1.720	2.57	26.1	23.1	0.90	1860	12.75	0.03	6.2	15.1	440
M899321		3.13	15.80	0.15	1.1	0.184	2.85	31.3	16.9	0.68	1910	1.39	0.03	7.6	3.3	520
M899322		3.65	16.05	0.14	1.1	0.187	3.00	22.3	47.7	0.88	1470	1.76	0.38	8.3	3.1	610
M899323		3.77	15.60	0.14	1.1	0.330	3.07	25.5	14.9	0.79	3730	2.23	0.05	7.7	2.6	550
M899324		3.18	16.50	0.13	1.2	0.066	3.18	21.4	50.6	0.64	1060	1.49	0.08	8.6	2.5	600
M899325		8.38	12.45	0.18	1.1	4.82	2.27	17.9	32.1	0.63	3140	14.95	0.08	5.8	13.9	460
M899326		5.29	16.95	0.18	1.0	3.69	2.70	30.9	32.6	0.76	1760	4.60	0.07	6.6	2.8	480
M899327		2.77	17.55	0.14	1.1	0.159	2.72	16.9	28.1	0.45	744	2.82	0.20	8.0	2.9	560
M899328		2.97	16.45	0.16	1.1	0.075	2.60	28.0	19.4	0.91	942	2.96	0.30	7.5	2.7	560
M899329		2.65	17.75	0.17	1.1	0.066	2.22	28.4	16.2	0.67	624	2.34	2.00	8.3	2.5	590
M899330		2.86	16.40	0.16	1.1	0.084	2.77	20.6	34.2	0.67	760	3.72	1.14	7.7	2.4	540
M899331		3.86	16.25	0.18	1.1	0.403	2.73	28.1	19.4	1.31	3950	2.40	0.10	7.3	2.3	510
M899332		3.02	17.25	0.20	1.2	0.090	2.92	20.8	19.8	0.66	770	3.60	1.49	8.1	2.6	550
M899333		3.11	17.75	0.18	1.1	0.135	3.09	23.3	23.8	0.69	810	2.47	1.42	8.1	3.6	560
M899334		3.12	15.55	0.17	1.1	0.097	2.58	24.3	25.6	0.95	1430	2.99	0.47	7.2	2.8	530
M899335		0.49	0.34	0.16	<0.1	<0.005	0.04	0.6	1.2	13.45	231	0.14	0.01	0.3	<0.2	190
M899336		2.92	17.15	0.16	1.2	0.080	2.86	20.6	11.9	0.69	678	1.55	2.07	8.3	2.4	570
M899337		3.25	17.65	0.19	1.2	0.053	2.62	24.3	31.9	0.73	693	1.03	1.77	8.6	2.7	600
M899338		2.87	16.95	0.18	1.2	0.071	2.54	24.7	19.2	0.69	630	1.34	2.06	7.8	2.6	560



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**CERTIFICATE OF ANALYSIS WH12158898**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899303		127.5	116.0	<0.002	0.17	7.58	10.1	1	2.2	214	0.66	<0.05	12.4	0.261	1.81	3.7
M899304		265	125.5	<0.002	0.30	13.70	10.8	1	3.2	94.0	0.71	0.05	12.7	0.278	1.88	3.4
M899305		471	149.5	<0.002	1.56	20.0	10.0	1	4.9	70.5	0.59	0.12	13.2	0.235	2.80	6.6
M899306		173.5	175.5	<0.002	2.18	15.70	9.7	1	6.0	69.2	0.58	0.11	13.0	0.234	3.37	6.4
M899307		216	132.0	<0.002	1.10	11.85	9.9	1	4.0	108.0	0.63	<0.05	12.8	0.252	2.83	5.5
M899308		103.0	113.5	<0.002	0.57	9.17	8.9	1	2.5	179.0	0.66	<0.05	11.0	0.249	2.53	6.5
M899309		188.5	176.5	<0.002	2.88	16.00	10.0	1	4.8	112.5	0.69	0.06	12.5	0.249	3.29	6.1
M899310		34.5	112.0	<0.002	0.18	4.28	9.9	1	2.2	278	0.71	<0.05	11.7	0.266	1.52	3.8
M899311		36.9	112.5	<0.002	0.21	4.48	10.1	1	2.2	288	0.74	<0.05	11.7	0.276	1.58	3.9
M899312		219	182.5	<0.002	3.59	20.9	9.5	1	6.2	81.1	0.62	0.11	12.8	0.226	2.70	3.2
M899313		26.0	124.0	<0.002	0.36	8.51	10.1	1	2.1	190.5	0.69	0.06	11.9	0.274	2.01	3.3
M899314		88.3	127.0	<0.002	0.86	9.39	10.0	1	3.6	122.0	0.65	0.07	11.7	0.262	2.92	4.3
M899315		154.0	176.0	<0.002	2.69	12.05	10.0	1	5.3	96.2	0.63	0.11	13.8	0.236	3.16	5.0
M899316		4.3	3.3	<0.002	0.02	0.12	0.4	1	<0.2	40.6	<0.05	<0.05	<0.2	<0.005	0.03	0.6
M899317		131.5	104.5	<0.002	0.55	11.95	10.3	1	2.3	152.0	0.70	<0.05	12.3	0.257	2.28	4.2
M899318		153.0	115.0	<0.002	1.38	31.6	10.9	1	4.5	127.5	0.69	<0.05	13.1	0.253	1.88	5.7
M899319		100.5	144.0	<0.002	0.79	15.75	10.1	1	3.1	116.5	0.66	<0.05	13.7	0.245	2.47	4.4
M899320		2790	156.0	0.002	4.93	89.5	7.7	2	7.9	93.2	0.48	0.36	11.3	0.182	2.36	5.6
M899321		403	156.5	<0.002	1.54	17.05	9.4	1	4.4	66.8	0.64	0.06	13.9	0.228	2.85	6.2
M899322		124.5	114.0	<0.002	0.63	8.77	10.0	1	2.3	133.0	0.63	0.06	11.8	0.262	2.39	6.0
M899323		280	157.0	<0.002	2.10	14.50	9.5	1	11.8	78.1	0.59	0.05	12.4	0.238	3.17	4.9
M899324		40.3	113.5	<0.002	0.23	10.30	9.9	1	1.8	118.5	0.68	<0.05	11.4	0.261	2.17	3.9
M899325		9870	127.5	0.002	7.47	227	6.9	3	8.7	123.5	0.43	0.53	8.8	0.187	2.25	5.6
M899326		806	126.0	<0.002	4.24	64.6	9.9	2	6.3	94.6	0.57	0.10	11.7	0.208	2.59	4.5
M899327		44.5	94.5	<0.002	0.24	12.10	10.3	1	2.7	96.5	0.71	<0.05	10.1	0.252	1.56	3.1
M899328		130.0	112.5	<0.002	0.78	13.20	10.5	1	3.2	123.5	0.67	0.08	10.9	0.234	1.93	4.6
M899329		23.0	92.3	<0.002	0.17	4.88	11.0	1	2.5	307	0.72	<0.05	12.2	0.254	1.38	4.1
M899330		58.6	96.9	<0.002	0.15	5.34	9.6	1	2.3	242	0.69	<0.05	10.3	0.244	1.55	3.3
M899331		192.0	143.0	<0.002	1.91	10.35	10.2	1	4.5	135.0	0.61	<0.05	12.7	0.219	2.50	4.5
M899332		60.5	111.0	<0.002	0.41	6.28	10.2	1	2.9	288	0.72	<0.05	11.0	0.245	1.71	3.9
M899333		90.8	118.5	<0.002	0.55	8.01	10.2	1	3.5	277	0.71	<0.05	12.2	0.251	1.90	4.3
M899334		173.0	100.5	<0.002	0.91	11.60	9.6	1	2.5	180.0	0.63	0.06	11.1	0.228	1.98	4.4
M899335		1.5	1.8	<0.002	0.02	0.06	0.4	1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M899336		62.6	106.5	<0.002	0.13	2.50	9.9	1	2.3	360	0.73	<0.05	11.0	0.256	1.46	4.0
M899337		36.4	104.0	<0.002	0.11	7.58	11.5	1	2.3	297	0.74	<0.05	12.5	0.272	1.27	4.3
M899338		21.0	98.6	<0.002	0.12	5.00	10.1	1	2.1	329	0.68	<0.05	12.0	0.244	1.22	4.3



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**CERTIFICATE OF ANALYSIS WH12158898**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M899303		71	4.3	14.1	264	33.2		
M899304		75	4.3	13.8	518	34.5		
M899305		66	4.4	13.4	812	30.5		
M899306		62	5.3	12.7	942	27.7		
M899307		68	5.1	13.8	922	32.9		
M899308		65	3.3	13.8	355	34.3		
M899309		69	5.4	13.0	686	34.9		
M899310		73	2.3	14.4	89	36.5		
M899311		75	2.5	14.6	93	38.4		
M899312		63	5.5	12.5	274	31.7		
M899313		73	4.3	14.0	63	34.0		
M899314		69	5.4	14.1	178	31.7		
M899315		65	6.9	13.1	1230	31.9		
M899316		3	0.2	0.8	20	<0.5		
M899317		69	4.8	14.1	364	33.1		
M899318		70	4.9	14.7	1120	34.3		
M899319		65	4.2	14.2	200	31.3		
M899320		56	5.1	9.7	5340	25.3		
M899321		58	4.2	13.6	834	29.2		
M899322		72	4.3	14.1	298	29.4		
M899323		65	4.9	13.2	578	28.5		
M899324		70	3.7	13.3	93	32.7		
M899325		54	4.4	9.0	>10000	32.2	117	1.600
M899326		55	6.9	13.2	3960	26.4		
M899327		67	3.2	12.5	283	31.5		
M899328		65	4.0	17.3	291	30.1		
M899329		66	1.9	16.4	54	30.4		
M899330		65	2.1	14.0	116	30.5		
M899331		59	5.2	16.5	856	28.3		
M899332		64	2.1	14.5	157	30.3		
M899333		65	2.5	15.2	276	31.3		
M899334		61	3.1	14.8	261	28.5		
M899335		2	0.5	0.9	15	<0.5		
M899336		67	1.3	15.2	111	33.4		
M899337		74	2.5	17.3	73	33.3		
M899338		65	1.6	16.2	49	33.6		



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**CERTIFICATE OF ANALYSIS WH12158898**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12158899**

Project: Klaza-78

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12158899**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899339		7.00	0.033	0.52	7.48	31.4	1970	1.78	0.55	2.59	4.07	45.3	9.7	9	16.90	9.3
M899340		4.60	0.342	1.77	7.80	2900	1560	1.59	1.65	1.68	3.25	50.1	7.3	7	19.65	44.9
M899341		3.76	0.017	0.51	8.29	21.5	2360	1.52	0.72	1.41	4.33	42.6	5.9	8	15.90	8.5
M899342		1.16	0.011	0.27	8.27	25.6	2440	1.49	0.46	1.21	1.89	54.9	5.9	7	19.45	4.0
M899343		4.68	0.316	2.31	7.05	509	1200	1.75	2.39	2.01	9.87	53.1	10.4	7	17.30	46.4
M899344		4.35	0.057	0.37	7.49	141.5	1990	1.62	0.46	2.20	2.53	44.2	5.7	8	14.85	13.0
M899345		4.80	0.024	0.22	7.86	53.4	1820	1.71	0.36	1.83	1.27	46.9	5.5	8	15.85	7.1
M899346		4.39	0.067	1.15	7.68	153.0	670	1.56	2.22	1.79	6.14	50.9	5.6	7	13.60	27.8
M899347		3.82	<0.005	0.01	0.12	<5	280	0.07	0.04	21.1	0.06	1.26	1.8	1	0.32	2.3
M899348		7.52	0.111	0.81	7.72	154.5	1230	1.22	1.05	1.84	5.94	55.9	8.1	8	17.30	9.4
M899349		8.15	0.041	1.01	8.79	57.6	1560	1.59	1.88	1.32	7.92	80.6	16.4	9	11.95	18.0
M899350		7.37	0.046	1.04	8.01	46.7	1750	1.66	5.72	2.24	3.56	74.5	18.1	8	14.45	36.9
M899351		6.00	0.029	0.33	7.90	31.6	1920	1.54	0.67	2.07	3.17	45.9	9.0	8	13.00	11.6
M899352		0.23	4.59	>100	5.70	8320	460	1.25	56.3	1.96	227	32.5	9.9	17	11.50	1265
M899353		10.15	1.080	9.02	6.41	1095	480	1.37	5.60	1.30	121.0	62.2	23.1	6	10.35	50.3
M899354		2.96	<0.005	0.03	0.34	<5	70	0.15	0.04	20.6	0.26	2.58	2.7	8	0.89	2.3
M899355		14.73	0.007	0.26	7.60	16.2	2050	1.54	0.17	2.35	1.71	40.8	5.9	9	10.85	4.4
M899356		4.34	0.011	0.39	7.03	28.1	1580	1.58	0.38	3.07	1.86	40.2	8.6	8	15.35	6.4
M899357		<0.02	0.011	0.39	7.33	27.8	1620	1.78	0.39	3.05	1.94	44.1	9.2	8	16.00	6.7
M899358		3.76	0.038	0.65	7.69	40.6	1820	1.78	0.98	2.65	1.53	43.0	7.7	10	10.45	22.1
M899359		9.29	0.016	0.80	7.29	125.5	2040	1.43	0.30	2.91	5.00	40.0	6.0	9	10.35	5.8
M899360		4.17	0.038	0.55	7.44	154.0	1970	1.71	0.13	2.44	2.80	42.1	6.9	8	12.95	8.0
M899361		11.27	0.051	9.09	7.40	199.5	820	1.62	4.06	2.08	20.9	48.9	6.2	7	16.90	120.0
M899362		10.46	1.295	4.67	6.49	2100	2320	1.19	5.56	1.57	8.42	44.6	7.8	8	13.15	100.5
M899363		9.37	0.018	0.37	6.62	25.3	1950	1.22	0.48	3.03	2.73	43.8	6.4	8	10.95	11.0
M899364		9.26	0.016	0.32	6.71	14.3	2090	1.15	0.72	2.65	0.65	44.1	7.5	9	10.85	9.3
M899365		7.37	0.008	0.60	7.38	29.5	1520	1.17	2.50	2.24	1.67	50.8	7.5	9	15.10	45.3
M899366		5.04	0.085	0.91	7.15	222	1240	1.29	5.70	2.79	3.22	43.0	9.7	9	21.9	83.9
M899367		5.94	0.334	1.31	7.04	1330	1390	1.01	2.67	5.50	5.78	56.3	8.9	7	18.30	39.4
M899368		7.35	0.024	0.40	7.18	37.4	1250	1.25	0.75	3.08	1.46	43.5	7.5	10	11.25	10.2
M899369		6.01	0.111	0.95	6.63	155.5	1570	1.28	1.32	2.98	1.44	41.4	6.2	9	16.10	17.2
M899370		7.65	0.039	0.33	7.05	252	1920	1.09	0.13	3.62	1.05	47.1	6.5	10	11.05	6.3
M899371		0.22	2.35	27.7	6.00	2830	1370	1.13	19.20	2.15	82.1	44.6	10.9	19	14.75	444
M899372		11.16	0.183	1.40	7.44	393	1700	1.15	0.53	3.78	24.0	54.1	7.6	8	10.00	29.2
M899373		5.99	0.131	1.33	7.54	667	1070	1.25	0.63	3.15	11.50	48.4	5.0	9	8.06	17.0
M899374		9.37	0.009	0.62	7.39	13.3	720	1.34	0.77	3.21	2.24	48.0	5.0	9	7.39	7.5



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**CERTIFICATE OF ANALYSIS WH12158899**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899339		3.06	17.45	0.18	1.1	0.153	2.62	23.6	13.0	0.49	725	1.73	1.50	8.0	2.6	590
M899340		3.52	17.70	0.17	1.1	0.158	2.86	26.4	32.0	0.66	843	1.61	0.33	7.7	2.6	580
M899341		2.75	18.60	0.16	1.2	0.305	3.00	21.8	43.2	0.45	759	1.52	0.32	8.6	2.1	610
M899342		2.70	18.25	0.16	1.2	0.186	3.01	29.1	57.9	0.48	778	1.15	0.22	8.4	2.1	590
M899343		4.44	17.10	0.20	1.0	0.412	2.89	29.7	19.1	0.89	1710	3.93	0.06	6.6	2.3	490
M899344		3.08	17.50	0.18	1.1	0.088	3.08	22.5	16.6	0.62	744	1.15	0.96	7.8	2.3	550
M899345		3.03	17.20	0.18	1.2	0.105	3.24	23.9	36.5	0.65	781	1.19	0.54	8.1	2.2	580
M899346		3.90	17.05	0.17	1.1	0.357	2.69	27.9	37.1	0.76	1360	4.33	0.03	7.3	2.4	520
M899347		0.53	0.42	0.20	<0.1	0.005	0.04	0.6	1.3	13.05	233	0.18	0.01	0.3	0.6	200
M899348		3.07	15.85	0.15	1.1	0.162	1.71	31.2	59.8	0.67	1380	10.90	0.02	7.1	2.1	560
M899349		3.55	18.50	0.20	1.2	0.414	2.86	50.0	22.7	0.67	1040	1.85	0.08	8.3	2.8	660
M899350		4.22	18.55	0.19	1.1	0.220	2.93	44.0	20.5	0.74	876	1.82	0.44	7.6	2.7	610
M899351		3.14	18.45	0.17	1.2	0.177	2.72	23.4	30.4	0.70	718	1.32	0.38	8.7	2.8	590
M899352		8.13	13.65	0.21	1.1	4.87	2.25	16.5	31.5	0.64	3070	15.05	0.08	5.7	14.2	460
M899353		6.48	16.75	0.17	0.9	1.280	2.64	37.4	13.7	0.64	1230	23.5	0.03	6.2	3.8	440
M899354		0.48	0.78	0.11	<0.1	0.006	0.14	1.3	3.3	12.80	220	0.20	0.01	0.4	3.5	190
M899355		2.92	17.00	0.17	1.2	0.163	2.67	20.6	16.5	0.70	542	1.85	1.29	8.1	2.3	560
M899356		2.62	16.50	0.18	1.2	0.285	2.42	20.2	19.7	0.62	664	1.18	1.31	7.9	2.3	560
M899357		2.66	16.95	0.19	1.2	0.258	2.48	22.1	20.6	0.62	680	1.19	1.34	8.1	2.2	560
M899358		3.49	18.15	0.18	1.3	0.092	2.62	21.4	13.9	0.79	651	1.07	1.78	8.2	2.5	590
M899359		2.81	16.40	0.16	1.1	0.218	2.68	19.8	14.4	0.69	614	0.88	1.60	7.9	2.4	560
M899360		2.83	17.05	0.17	1.1	0.045	2.71	20.7	15.6	0.64	643	1.09	1.69	8.1	2.4	580
M899361		4.71	16.15	0.18	1.0	0.215	2.91	26.3	9.6	0.84	1440	0.95	0.05	7.3	2.3	510
M899362		7.60	17.55	0.17	0.9	0.383	2.84	23.4	12.7	0.53	1030	1.12	0.04	7.0	3.3	470
M899363		2.83	16.95	0.14	1.0	0.177	2.70	21.3	20.3	0.71	638	1.29	1.19	8.0	3.2	540
M899364		3.11	16.85	0.15	1.0	0.066	2.47	23.4	19.0	0.71	611	1.40	1.71	7.6	3.4	520
M899365		3.53	17.80	0.15	1.0	0.110	2.37	30.0	18.6	0.69	562	0.96	0.90	7.4	3.1	540
M899366		3.60	17.15	0.14	0.9	0.242	1.69	20.7	23.3	0.76	689	0.78	1.16	6.8	3.9	560
M899367		3.23	16.50	0.15	0.8	0.291	1.92	31.2	21.0	0.79	1080	0.64	0.86	6.9	4.1	550
M899368		3.26	16.90	0.13	0.9	0.143	1.79	20.6	18.0	0.75	744	0.80	1.59	7.7	4.0	590
M899369		3.19	17.65	0.13	0.9	0.101	2.43	20.4	19.6	0.74	831	1.45	0.95	7.2	3.6	540
M899370		2.96	16.25	0.15	0.9	0.045	2.50	24.0	18.6	0.84	697	2.55	1.55	7.8	3.6	560
M899371		6.51	15.20	0.15	0.9	1.955	2.64	23.7	29.8	0.88	1890	13.95	0.03	6.5	17.1	440
M899372		3.17	17.00	0.15	1.0	0.181	2.86	31.9	19.6	0.73	996	1.41	0.66	8.1	3.6	600
M899373		3.12	18.10	0.14	0.9	0.167	2.18	23.0	11.4	0.73	748	1.22	1.65	7.3	3.5	580
M899374		2.57	18.00	0.14	0.9	0.287	1.50	22.5	11.2	0.82	824	0.76	2.28	7.0	3.2	590



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**CERTIFICATE OF ANALYSIS WH12158899**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899339		84.5	99.6	<0.002	0.43	9.10	10.7	1	4.0	250	0.67	<0.05	12.0	0.258	1.29	3.3
M899340		95.4	133.5	<0.002	0.91	27.6	10.8	1	4.7	109.0	0.65	<0.05	14.3	0.250	1.74	4.6
M899341		35.3	125.5	<0.002	0.24	13.70	11.5	1	3.1	122.5	0.76	<0.05	13.1	0.270	1.70	4.0
M899342		22.7	135.0	<0.002	0.18	17.10	11.3	1	2.4	119.5	0.75	<0.05	15.4	0.266	1.78	3.8
M899343		297	145.5	<0.002	2.02	28.1	10.2	1	8.3	77.1	0.60	0.09	13.0	0.213	2.46	5.7
M899344		56.8	120.5	<0.002	0.33	9.21	9.6	1	3.2	202	0.70	<0.05	12.0	0.245	1.78	3.8
M899345		33.2	141.5	<0.002	0.16	10.35	10.8	1	2.0	156.5	0.71	<0.05	12.9	0.258	2.08	4.5
M899346		118.5	165.5	<0.002	1.82	24.1	10.7	1	5.6	79.3	0.62	0.05	14.2	0.237	2.51	5.8
M899347		1.5	2.4	<0.002	0.05	0.08	0.5	1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M899348		139.0	80.8	<0.002	1.20	44.9	9.5	1	3.3	183.5	0.64	<0.05	12.7	0.244	1.63	6.6
M899349		114.5	138.0	<0.002	0.95	14.45	11.3	1	5.7	70.6	0.79	0.11	15.6	0.281	2.01	4.5
M899350		69.5	116.5	<0.002	1.69	16.05	10.5	1	4.8	145.0	0.68	0.12	12.7	0.258	1.97	7.3
M899351		38.6	103.0	<0.002	0.52	9.03	10.6	1	3.4	134.0	0.77	<0.05	12.3	0.263	1.62	4.3
M899352		9350	129.5	0.002	7.28	223	7.6	3	8.9	123.0	0.46	0.45	8.9	0.188	2.09	5.3
M899353		1930	149.5	0.002	5.92	48.6	8.9	2	17.7	34.8	0.55	0.10	12.0	0.194	2.66	4.2
M899354		3.9	6.7	<0.002	0.03	0.14	0.8	1	<0.2	44.0	<0.05	<0.05	0.2	0.011	0.05	0.6
M899355		54.6	99.1	<0.002	0.16	5.14	9.8	1	2.2	252	0.75	<0.05	11.9	0.253	1.22	3.2
M899356		43.7	83.9	<0.002	0.31	10.00	9.1	1	3.3	258	0.74	<0.05	10.3	0.249	1.27	5.1
M899357		45.8	88.5	<0.002	0.32	10.35	9.4	1	3.4	264	0.76	<0.05	11.0	0.254	1.31	5.2
M899358		76.3	98.0	<0.002	0.71	5.79	11.0	1	4.1	309	0.75	<0.05	11.3	0.271	1.30	4.3
M899359		154.5	92.3	<0.002	0.25	5.75	9.5	1	2.6	304	0.72	<0.05	10.6	0.255	1.12	3.8
M899360		87.7	106.5	<0.002	0.19	7.55	10.6	1	2.0	299	0.71	<0.05	10.8	0.259	1.25	3.6
M899361		1140	136.0	<0.002	2.60	21.3	9.5	1	9.7	86.2	0.67	<0.05	13.3	0.234	2.67	4.5
M899362		327	154.0	0.003	7.38	43.6	8.7	1	11.1	79.5	0.63	0.05	11.6	0.199	2.66	3.7
M899363		94.8	86.5	0.002	0.25	4.09	9.0	1	3.2	306	0.71	<0.05	12.4	0.230	1.29	4.2
M899364		33.3	85.0	0.002	0.26	3.96	8.7	1	2.6	346	0.69	<0.05	12.6	0.222	1.03	3.0
M899365		73.8	88.8	0.003	1.19	4.81	9.0	1	3.4	238	0.67	<0.05	14.4	0.230	1.24	4.5
M899366		66.5	63.2	0.002	0.95	6.86	8.5	1	4.4	277	0.63	0.23	12.3	0.212	1.13	6.7
M899367		115.0	92.7	0.003	1.29	19.00	9.2	1	3.6	390	0.58	<0.05	12.0	0.212	1.33	7.8
M899368		41.0	69.5	0.003	0.50	4.72	9.7	1	3.4	345	0.62	<0.05	10.3	0.240	1.05	3.3
M899369		84.1	88.1	0.003	0.97	10.40	9.2	1	3.4	276	0.58	<0.05	10.1	0.226	1.42	5.4
M899370		65.0	82.4	0.003	0.19	7.35	9.1	1	1.6	456	0.66	<0.05	12.0	0.237	1.06	3.4
M899371		2850	158.0	0.004	4.83	89.2	7.8	1	8.4	92.5	0.55	0.43	11.2	0.182	2.33	6.0
M899372		168.5	130.0	0.003	1.01	10.75	9.9	1	2.9	292	0.68	<0.05	14.3	0.243	1.59	5.1
M899373		308	123.5	0.003	0.92	11.90	10.0	1	3.6	278	0.64	<0.05	13.9	0.219	1.37	4.7
M899374		67.7	73.8	0.002	0.31	4.30	10.2	1	3.1	297	0.62	<0.05	13.2	0.213	1.12	3.8





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**CERTIFICATE OF ANALYSIS WH12158899**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M899339		69	1.6	16.1	341	29.6		
M899340		66	4.5	15.9	258	29.8		
M899341		70	2.1	14.6	343	31.6		
M899342		66	1.8	16.0	163	31.9		
M899343		60	4.0	15.7	757	26.0		
M899344		63	2.4	15.1	199	29.9		
M899345		68	2.5	15.7	118	31.7		
M899346		63	5.0	14.8	504	28.0		
M899347		2	0.4	0.9	15	<0.5		
M899348		66	4.2	13.6	527	27.3		
M899349		78	2.7	18.1	644	32.8		
M899350		75	3.9	18.5	306	29.0		
M899351		68	3.2	16.0	259	33.5		
M899352		53	4.6	9.4	>10000	32.7	121	1.645
M899353		57	6.5	11.4	8090	24.2		
M899354		6	0.1	1.1	30	0.6		
M899355		65	2.2	14.4	149	30.4		
M899356		65	2.1	15.3	162	31.0		
M899357		66	2.1	16.2	168	31.0		
M899358		75	2.4	16.0	133	33.6		
M899359		66	1.8	14.8	333	28.6		
M899360		70	1.5	14.9	185	30.1		
M899361		61	3.4	12.0	2120	27.1		
M899362		57	6.5	10.8	709	26.9		
M899363		64	3.3	15.6	236	28.9		
M899364		61	6.9	15.8	82	27.5		
M899365		64	5.6	14.8	158	27.8		
M899366		65	2.4	13.5	287	24.9		
M899367		73	2.8	21.2	471	23.4		
M899368		71	2.1	14.6	141	25.3		
M899369		65	3.4	14.5	144	25.5		
M899370		66	3.1	17.5	98	26.4		
M899371		56	5.4	10.5	5420	27.4		
M899372		66	2.7	17.5	1340	28.1		
M899373		70	3.2	15.2	668	25.4		
M899374		70	2.2	17.3	184	25.1		



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**CERTIFICATE OF ANALYSIS WH12158899**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12158980**

Project: Klaza TR-12-34

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12158980**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897720		3.43	0.066	1.74	7.83	102.5	1300	1.57	2.52	0.15	4.07	63.5	14.6	10	22.6	247
M897721		3.01	0.132	1.55	7.02	149.5	1200	1.54	1.82	0.18	9.00	54.3	9.7	10	21.4	159.5
M897722		2.20	0.042	1.41	8.02	89.0	1720	1.46	2.51	0.19	13.20	59.7	14.6	9	22.4	113.0
M897723		2.62	0.214	3.70	6.39	122.5	780	1.11	5.29	0.09	2.32	48.4	2.1	12	11.30	31.6
M897724		3.67	0.111	4.91	7.61	146.0	1230	1.42	10.40	0.15	5.46	56.8	6.5	11	18.70	134.5
M897725		2.87	0.809	30.9	7.42	110.0	1090	1.30	57.7	0.07	2.74	59.4	0.8	12	10.40	63.3
M897726		3.32	0.105	4.55	7.97	189.0	1830	1.44	8.22	0.19	7.48	60.8	6.9	10	18.40	218
M897727		2.24	0.228	1.82	7.56	147.0	1840	1.40	3.59	0.24	7.00	49.3	10.5	10	22.3	89.4
M897728		2.71	0.041	1.03	7.84	58.4	1880	1.50	2.68	0.68	3.27	63.3	13.1	12	14.40	63.2
M897729		2.98	0.050	0.95	7.61	70.9	2200	1.45	2.37	0.27	4.58	62.4	8.4	11	22.5	53.9
M897730		3.08	0.056	0.79	8.12	75.1	2030	1.32	1.83	0.34	2.18	55.6	7.6	9	18.30	31.5
M897731		2.75	0.077	0.86	8.01	68.7	1980	1.41	2.15	0.36	3.12	63.3	10.9	11	21.9	25.9
M897732		2.69	0.190	2.01	7.51	122.0	1550	1.37	4.77	0.21	2.71	55.7	6.8	10	20.2	37.9
M897733		3.07	0.112	1.55	7.63	111.0	1670	1.43	3.15	0.22	4.94	64.8	15.9	13	22.6	54.0
M897734		3.42	0.069	0.98	7.45	57.8	2430	1.34	2.21	0.34	2.88	63.4	11.2	15	26.8	33.6
M897735		2.79	0.128	4.83	7.73	157.5	1030	1.60	8.45	0.19	5.73	72.9	10.6	22	33.6	92.6
M897736		2.84	0.172	8.37	7.02	187.5	1530	1.37	20.9	0.16	3.77	66.8	4.1	13	18.55	121.0
M897737		3.87	0.043	1.17	7.54	54.3	1960	1.30	3.29	0.30	3.07	46.1	7.9	12	16.75	34.8
M897738		2.23	0.024	0.66	8.00	43.9	1570	1.32	1.70	0.26	3.34	54.8	11.3	20	12.55	27.4
M897739		3.53	0.026	0.68	8.26	31.2	2020	1.35	1.12	0.32	2.76	57.8	11.9	11	24.5	25.0
M897740		3.28	0.043	1.09	7.18	79.5	1910	1.28	1.76	0.33	5.16	44.5	12.6	11	19.00	45.3
M897741		3.32	0.033	0.93	8.33	50.1	2080	1.34	1.17	0.31	9.42	54.4	12.7	10	28.4	41.1
M897742		3.39	0.123	2.83	6.74	262	1840	1.42	2.72	0.15	16.10	55.1	11.3	9	20.7	66.2
M897743		2.99	0.140	3.36	5.47	110.5	850	1.01	4.58	0.11	3.85	42.2	5.6	10	13.25	56.7
M897744		3.28	0.474	69.2	5.83	609	1250	0.87	101.5	0.20	7.08	54.7	1.1	8	34.3	309
M897745		2.92	<0.005	0.10	0.09	<5	20	0.07	0.63	19.75	0.08	1.43	1.1	2	0.40	2.3
M897746		3.48	0.047	18.60	7.78	88.2	2290	1.22	7.11	0.40	6.40	39.5	5.5	9	24.8	798
M897747		3.93	0.033	2.13	8.04	84.7	2060	1.33	3.19	0.37	3.36	54.4	8.8	8	22.8	360
M897748		2.52	0.017	1.10	6.93	59.4	1030	1.50	1.49	0.14	3.89	45.6	3.9	9	20.5	346
M897749		2.24	0.144	2.76	7.50	257	1950	1.30	3.33	0.19	5.56	56.8	2.6	11	22.6	85.0
M897750		3.95	0.742	8.56	6.87	357	930	1.23	5.68	0.14	5.48	59.2	2.6	11	10.95	61.1
M897751		3.21	0.060	7.13	8.03	276	1740	1.63	2.28	0.15	4.89	58.4	8.2	9	14.45	269
M897752		3.14	0.062	1.45	7.93	339	1410	1.63	1.01	0.13	7.21	75.3	5.9	8	22.2	341
M897753		3.44	0.536	2.15	7.48	240	1230	1.33	1.57	0.16	5.57	68.9	4.7	10	17.20	282
M897754		3.21	0.189	2.24	7.57	238	1740	1.46	2.73	0.44	5.64	65.4	6.8	12	14.00	218
M897755		0.26	2.42	25.9	5.90	2730	1530	1.21	19.60	2.12	78.2	43.0	11.5	19	15.25	435



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Account: ROCKHA

Project: Klaza TR-12-34

**CERTIFICATE OF ANALYSIS WH12158980**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897720		3.95	18.55	0.14	1.2	0.781	3.14	40.6	16.2	0.22	548	10.55	0.05	8.2	4.0	580
M897721		3.54	16.10	0.13	1.2	0.547	2.75	31.5	27.9	0.21	1350	10.35	0.07	7.1	5.8	610
M897722		3.60	19.75	0.16	1.2	0.310	2.64	34.0	37.6	0.16	2030	5.96	0.03	8.4	6.0	660
M897723		2.36	17.60	0.14	1.0	0.331	2.93	29.6	18.6	0.26	217	8.62	0.08	6.2	2.0	220
M897724		4.51	18.95	0.17	1.3	0.500	3.16	34.7	14.0	0.24	628	6.61	0.08	7.5	4.0	590
M897725		1.67	21.6	0.14	1.4	0.420	3.57	34.1	10.0	0.33	835	2.06	0.06	8.2	2.0	170
M897726		4.30	19.90	0.16	1.3	0.409	2.91	32.7	29.2	0.20	1800	4.42	0.09	8.4	4.9	670
M897727		3.91	19.90	0.16	1.4	0.234	3.03	23.6	23.5	0.29	1580	2.55	0.24	8.5	5.0	660
M897728		3.70	20.2	0.17	1.3	0.258	2.33	33.3	13.5	0.66	981	1.89	1.84	8.6	4.6	640
M897729		3.54	19.65	0.16	1.3	0.245	2.71	36.5	18.6	0.28	1140	1.85	0.70	8.8	4.5	610
M897730		3.85	19.90	0.17	1.3	0.187	3.03	31.8	18.3	0.45	671	2.25	0.50	8.4	3.9	600
M897731		3.93	20.6	0.18	1.5	0.200	3.15	37.4	22.1	0.30	1100	4.48	0.53	9.3	5.0	600
M897732		4.15	19.10	0.17	1.3	0.291	3.10	33.7	19.0	0.32	960	2.71	0.20	7.9	3.8	600
M897733		4.91	19.30	0.16	1.3	0.302	3.21	38.6	16.3	0.24	2490	6.30	0.12	8.0	5.0	640
M897734		2.97	20.6	0.17	1.7	0.149	2.53	36.5	35.1	0.21	1370	3.04	0.16	9.0	8.2	700
M897735		3.42	24.4	0.16	2.7	0.392	2.81	41.6	34.4	0.21	1370	10.25	0.05	9.5	12.5	510
M897736		3.83	19.05	0.17	1.6	0.761	2.77	43.2	18.7	0.24	564	7.21	0.10	9.0	5.2	480
M897737		3.44	20.4	0.17	1.5	0.392	2.77	25.4	21.5	0.22	713	2.50	0.57	9.2	4.9	670
M897738		3.28	20.8	0.16	1.3	0.413	2.46	28.6	23.3	0.19	836	2.00	0.27	8.4	5.3	650
M897739		3.05	22.1	0.17	1.3	0.171	2.81	30.2	29.5	0.26	792	1.88	0.60	8.9	5.5	660
M897740		3.46	20.3	0.15	1.4	0.233	2.80	19.5	29.5	0.25	877	2.57	0.37	8.9	6.0	610
M897741		3.67	19.80	0.17	1.4	0.205	3.16	32.5	23.7	0.27	1290	1.81	0.42	8.4	4.8	630
M897742		4.24	17.80	0.18	1.1	0.528	2.72	42.1	14.2	0.19	1560	10.25	0.04	7.4	3.9	470
M897743		2.18	13.55	0.12	1.0	0.378	2.44	30.6	10.4	0.23	235	14.25	0.09	4.9	2.0	230
M897744		5.42	16.35	0.18	0.9	2.33	2.23	34.8	18.5	0.21	221	6.84	0.04	6.1	1.2	460
M897745		0.45	0.35	0.15	<0.1	0.006	0.03	0.7	1.0	11.80	203	0.15	<0.01	0.2	2.9	190
M897746		4.86	16.20	0.18	1.0	0.283	2.63	23.7	26.1	0.38	513	1.68	0.55	7.6	2.8	610
M897747		3.61	17.05	0.15	1.1	0.125	2.81	22.5	26.1	0.58	832	1.29	0.62	8.1	3.5	580
M897748		4.45	15.40	0.17	1.1	0.181	2.46	29.5	39.0	0.18	469	7.75	0.11	7.6	3.2	530
M897749		2.68	16.65	0.17	1.2	0.292	2.85	38.1	19.4	0.26	327	4.19	0.10	8.1	2.3	430
M897750		2.08	15.85	0.16	1.3	0.386	2.91	35.4	11.6	0.23	519	2.09	0.12	8.2	2.2	300
M897751		3.83	17.80	0.19	1.3	0.291	3.26	35.2	18.9	0.28	664	2.68	0.28	8.1	3.6	560
M897752		3.43	16.60	0.16	1.2	0.283	3.06	42.4	20.4	0.18	672	2.46	0.06	8.3	2.9	540
M897753		3.13	16.80	0.18	1.2	0.200	3.09	39.3	16.2	0.23	688	2.41	0.10	8.3	2.6	510
M897754		3.44	17.40	0.20	1.2	0.243	3.11	38.7	13.8	0.30	819	2.38	0.57	9.0	3.7	540
M897755		6.43	14.35	0.18	0.9	1.775	2.58	22.6	21.1	0.87	1870	13.15	0.03	5.9	16.4	440



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Account: ROCKHA

Project: Klaza TR-12-34

**CERTIFICATE OF ANALYSIS WH12158980**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897720		136.0	167.5	0.002	0.06	22.4	10.3	1	3.3	49.6	0.74	0.26	15.6	0.242	3.13	9.8
M897721		286	149.5	0.002	0.06	36.7	9.5	1	3.3	45.4	0.65	0.14	14.5	0.225	3.04	7.9
M897722		78.7	131.5	0.002	0.04	20.4	10.5	1	2.8	77.6	0.77	0.12	16.0	0.249	2.80	7.6
M897723		134.5	191.0	0.002	0.16	37.2	7.7	1	10.2	52.2	0.55	0.46	8.7	0.207	2.60	3.5
M897724		139.0	175.5	0.003	0.07	37.5	9.6	1	4.9	48.9	0.68	0.54	15.5	0.232	3.34	8.2
M897725		204	236	0.002	0.18	52.1	9.5	1	13.6	57.5	0.75	1.41	7.4	0.248	3.19	2.5
M897726		124.5	155.0	0.002	0.06	41.5	10.4	1	4.1	71.9	0.75	0.30	16.0	0.254	2.84	6.9
M897727		118.0	142.5	0.002	0.04	17.00	10.6	1	2.9	61.3	0.77	0.13	16.2	0.253	2.67	5.8
M897728		55.6	122.5	0.002	0.09	10.60	10.5	1	3.4	252	0.76	0.13	18.0	0.244	2.03	4.6
M897729		53.7	140.0	0.003	0.08	17.70	10.5	1	2.9	122.5	0.77	0.12	16.0	0.239	2.36	5.5
M897730		52.0	146.5	0.002	0.05	8.96	10.7	1	2.3	95.0	0.75	0.11	17.3	0.248	2.27	4.9
M897731		55.2	149.0	0.003	0.03	9.73	10.9	1	2.8	101.0	0.80	0.21	17.5	0.261	2.17	5.9
M897732		209	166.5	0.002	0.09	11.05	9.8	1	4.2	93.3	0.71	0.31	16.2	0.235	2.56	5.3
M897733		271	165.5	0.002	0.06	18.20	10.4	1	3.1	56.3	0.70	0.28	16.2	0.237	2.91	7.5
M897734		74.7	124.0	0.002	0.05	15.00	7.4	1	2.6	73.9	0.77	0.12	13.8	0.263	2.06	5.4
M897735		368	146.0	0.002	0.11	40.8	7.8	1	5.2	116.5	0.82	0.72	13.5	0.257	2.82	7.1
M897736		258	162.0	0.002	0.12	103.5	9.1	1	7.1	97.3	0.81	0.80	13.6	0.257	2.86	4.7
M897737		87.5	137.0	0.002	0.04	16.50	10.5	1	3.8	94.9	0.83	0.30	14.9	0.273	2.05	4.0
M897738		48.6	130.5	0.002	0.03	17.50	10.9	1	3.3	64.4	0.75	0.19	15.5	0.247	1.76	3.6
M897739		51.2	135.0	0.002	0.03	12.70	10.2	1	2.7	101.5	0.75	0.11	16.4	0.265	1.82	3.4
M897740		101.0	128.0	0.002	0.02	18.20	10.2	1	3.0	92.0	0.76	0.13	13.4	0.262	1.73	4.2
M897741		70.7	152.0	0.003	0.02	11.35	10.2	1	2.7	81.2	0.77	0.07	16.8	0.256	2.04	4.2
M897742		443	142.0	0.002	0.09	21.4	10.1	1	4.7	40.4	0.66	0.08	14.6	0.214	2.83	6.3
M897743		317	145.5	0.003	0.15	21.7	6.9	1	4.6	40.2	0.42	0.49	8.6	0.152	2.55	2.9
M897744		4690	133.5	0.002	0.81	130.5	7.1	2	17.6	70.9	0.47	0.75	9.6	0.184	2.72	2.2
M897745		6.5	1.8	0.002	0.01	0.29	0.2	1	<0.2	43.0	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M897746		415	123.5	0.002	0.05	12.70	10.0	1	2.4	109.0	0.54	0.24	13.5	0.243	1.83	2.6
M897747		138.0	124.5	0.003	0.02	8.24	10.5	1	1.9	98.7	0.61	0.12	14.9	0.243	1.35	2.4
M897748		101.0	127.0	0.003	0.06	31.1	9.5	1	1.9	76.8	0.64	0.06	15.2	0.217	1.96	4.2
M897749		517	156.5	0.003	0.12	15.85	9.0	1	4.5	92.4	0.69	0.35	14.0	0.245	3.29	3.0
M897750		670	156.0	0.003	0.10	20.1	9.0	1	6.5	60.6	0.71	0.16	12.1	0.250	3.14	2.7
M897751		321	161.0	0.003	0.07	11.15	10.3	1	2.5	86.1	0.69	0.49	16.6	0.233	2.65	5.5
M897752		312	149.0	0.002	0.32	13.05	9.7	1	2.3	114.5	0.76	0.08	18.5	0.238	2.71	7.5
M897753		316	167.0	0.002	0.41	12.15	9.6	1	2.2	100.0	0.72	0.16	15.6	0.254	3.26	5.8
M897754		369	159.5	0.003	0.20	15.40	10.1	1	2.6	152.0	0.73	0.10	15.9	0.260	2.45	4.9
M897755		2820	155.0	0.003	4.77	87.3	7.8	1	7.7	86.9	0.46	0.41	10.4	0.178	2.24	5.0



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**CERTIFICATE OF ANALYSIS WH12158980**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897720		72	3.7	18.7	772	35.9
M897721		64	3.5	19.3	671	33.3
M897722		72	4.4	22.1	694	36.0
M897723		63	6.3	8.3	173	30.5
M897724		68	4.2	18.1	605	38.5
M897725		67	10.0	8.1	105	38.7
M897726		73	3.6	19.0	620	38.9
M897727		73	3.4	16.9	562	40.2
M897728		68	2.1	16.6	299	41.6
M897729		68	2.0	18.5	321	38.8
M897730		69	2.6	17.7	243	40.0
M897731		73	3.5	20.5	264	45.9
M897732		67	5.8	15.9	309	38.7
M897733		72	3.7	20.9	540	39.2
M897734		62	2.3	15.8	244	50.3
M897735		74	6.3	16.0	635	96.6
M897736		63	6.9	13.5	497	54.2
M897737		77	3.3	16.3	295	43.2
M897738		74	2.6	19.8	384	40.0
M897739		73	3.0	17.6	304	40.8
M897740		72	3.8	16.1	655	41.2
M897741		74	2.4	20.2	840	40.7
M897742		62	4.7	23.9	1300	33.5
M897743		58	3.6	9.9	284	29.8
M897744		52	7.1	7.7	424	25.5
M897745		1	0.2	0.9	17	0.6
M897746		64	2.8	15.3	839	28.1
M897747		67	2.8	12.9	651	33.4
M897748		60	2.4	16.0	1120	29.1
M897749		63	3.3	15.2	374	32.9
M897750		58	8.2	11.2	277	35.1
M897751		64	2.8	15.7	655	33.2
M897752		63	2.9	14.3	485	33.7
M897753		65	4.4	11.6	298	33.5
M897754		67	3.6	14.6	399	35.0
M897755		55	4.8	10.0	5300	27.5



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Project: Klaza TR-12-34

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**CERTIFICATE OF ANALYSIS WH12158980**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12158981**

Project: Klaza TR-12-34  
P.O. No.: Batch 3  
This report is for 9 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12158981**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897756		3.60	0.062	1.45	8.02	117.5	2090	1.53	4.40	0.95	4.27	51.5	7.6	19	10.05	166.0
M897757		2.85	0.045	1.01	8.76	209	2190	1.82	1.38	0.37	7.80	63.8	6.9	13	18.50	340
M897758		2.63	0.051	0.95	8.35	132.0	2320	1.66	1.83	0.86	4.94	59.1	7.4	17	12.65	214
M897759		3.69	0.025	0.95	7.98	69.1	2140	1.39	1.71	0.91	3.50	58.1	9.4	18	11.75	135.5
M897760		3.22	0.033	0.78	8.61	95.4	2240	1.67	0.93	0.72	5.31	53.7	9.4	12	19.35	153.0
N879761		3.18	<0.005	0.02	0.08	5	20	0.06	0.01	20.6	0.06	1.27	1.2	2	0.33	2.7
M897762		3.76	0.043	0.60	8.29	69.4	2140	1.62	0.97	0.59	5.42	58.5	13.2	15	18.75	83.6
M897763		5.09	0.021	0.47	7.69	36.3	2220	1.48	0.67	0.74	6.51	61.2	11.7	15	15.45	51.1
M897764		0.29	2.26	27.2	5.95	2800	1540	1.25	20.5	2.15	81.4	43.2	11.9	19	16.10	435



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**CERTIFICATE OF ANALYSIS WH12158981**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897756		3.42	17.10	0.16	1.3	0.184	2.74	30.5	13.6	0.58	835	2.21	1.59	9.2	5.9	620
M897757		4.22	18.85	0.20	1.3	0.137	2.77	38.9	20.4	0.45	590	3.70	0.80	8.6	5.3	600
M897758		3.67	18.80	0.18	1.3	0.130	2.72	37.1	12.7	0.49	572	2.89	1.44	9.2	6.3	640
M897759		3.30	17.90	0.19	1.2	0.129	2.62	33.3	13.5	0.56	664	2.05	1.47	9.0	6.2	650
M897760		3.62	20.8	0.19	1.3	0.100	2.71	36.4	18.1	0.43	477	1.93	1.03	9.4	5.8	670
N879761		0.47	0.39	0.22	<0.1	<0.005	0.04	0.6	1.1	12.30	222	0.14	0.01	0.2	2.8	180
M897762		3.60	18.95	0.19	1.3	0.097	2.66	43.1	20.5	0.36	787	2.01	0.90	9.5	5.5	650
M897763		3.08	17.25	0.16	1.3	0.081	2.70	32.1	21.4	0.36	1310	1.69	1.00	9.0	5.9	640
M897764		6.48	14.95	0.20	1.0	1.935	2.60	23.7	25.5	0.88	1890	13.95	0.03	6.3	16.8	440



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Project: Klaza TR-12-34

**CERTIFICATE OF ANALYSIS WH12158981**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897756		134.5	122.5	0.002	0.07	8.79	10.5	1	2.1	261	0.74	0.14	15.3	0.284	1.47	3.7
M897757		69.2	131.5	0.002	0.02	6.45	13.1	1	2.3	124.0	0.71	0.11	18.2	0.261	1.55	7.4
M897758		72.6	121.5	0.003	0.03	7.07	11.4	1	2.2	229	0.72	0.13	16.5	0.280	1.35	5.0
M897759		81.8	115.0	0.003	0.02	7.22	10.3	1	2.3	243	0.69	0.11	14.7	0.270	1.28	3.5
M897760		58.3	127.0	0.003	0.02	7.84	12.5	1	2.2	178.0	0.76	0.05	18.0	0.259	1.38	4.4
N879761		1.7	2.1	0.002	0.01	0.07	0.3	1	<0.2	41.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M897762		54.6	121.0	0.003	0.02	12.10	12.8	1	2.2	162.5	0.74	0.08	17.6	0.277	1.31	4.5
M897763		44.0	119.0	0.003	0.01	13.30	10.4	1	1.9	189.5	0.74	0.06	15.3	0.276	1.27	3.4
M897764		2860	160.5	0.003	4.81	90.6	7.9	1	8.3	91.5	0.51	0.40	11.3	0.179	2.43	5.3



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Project: Klaza TR-12-34

**CERTIFICATE OF ANALYSIS WH12158981**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
M897756		71	2.5	15.8	338	37.2
M897757		80	3.4	23.8	698	35.7
M897758		74	3.1	20.5	478	38.3
M897759		69	3.0	17.0	380	36.0
M897760		72	2.6	23.6	620	37.1
N879761		2	0.1	0.9	14	0.7
M897762		75	2.5	27.5	575	39.4
M897763		71	2.6	19.3	456	38.4
M897764		55	5.1	10.7	5260	30.5



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Project: Klaza TR-12-34

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**CERTIFICATE OF ANALYSIS WH12158981**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12158982**

Project: Klaza TR-12-35

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza TR-12-35

**CERTIFICATE OF ANALYSIS WH12158982**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M897765		4.12	<0.005	0.34	7.73	16.0	2120	1.46	0.29	0.91	0.45	55.9	8.2	10	11.55	10.9
M897766		3.51	<0.005	0.36	7.72	13.4	2150	1.57	0.12	0.68	0.23	65.9	8.7	9	15.95	12.3
M897767		2.98	0.005	0.31	7.77	12.8	2110	1.49	0.08	0.82	0.18	59.5	8.2	10	13.25	11.8
M897768		3.64	<0.005	0.23	7.67	10.7	2170	1.45	0.10	0.88	0.16	54.5	8.1	9	13.05	9.7
M897769		2.90	<0.005	0.29	7.91	10.9	2270	1.50	0.09	1.35	0.18	54.3	8.9	10	11.20	11.1
M897770		3.08	0.006	0.23	7.90	15.1	2060	1.64	0.09	1.36	0.19	57.1	9.4	10	10.90	12.3
M897771		3.26	0.010	0.39	7.95	25.6	2160	1.38	0.07	0.47	0.22	56.5	7.9	9	18.90	10.7
M897772		3.32	0.006	0.25	7.93	40.1	2300	1.54	0.08	1.40	0.19	53.1	9.2	11	13.15	11.7
M897773		3.66	0.007	0.38	7.87	28.0	2120	1.50	0.11	1.07	0.13	49.6	9.7	9	14.15	14.9
M897774		4.47	0.023	0.40	7.68	138.5	3810	1.51	0.13	1.25	0.29	61.1	8.6	10	12.65	12.3
M897775		2.39	<0.005	0.18	7.64	10.3	2040	1.25	0.09	0.35	0.08	53.9	7.2	8	12.75	10.3
M897776		2.95	<0.005	0.20	6.58	15.6	860	2.26	0.57	0.34	0.08	45.3	2.8	5	31.4	5.4
M897777		2.94	<0.005	0.27	7.99	9.7	2130	1.71	0.09	0.75	0.13	58.2	8.5	10	13.10	9.1
M897778		4.48	0.007	0.44	7.88	12.8	2050	1.67	0.08	0.93	0.22	57.9	7.9	10	13.40	10.9
M897779		3.09	0.010	0.51	8.05	15.9	2010	1.76	0.14	0.95	0.29	57.1	7.5	9	16.25	15.3
M897780		2.38	0.006	0.23	8.08	13.3	2160	1.39	0.13	0.51	0.18	52.3	7.4	8	12.95	11.6
M897781		3.25	0.006	0.26	7.83	12.3	2140	1.61	0.08	1.05	0.24	53.3	6.9	7	11.80	11.5
M897782		3.26	<0.005	0.17	8.03	13.9	2120	1.56	0.10	0.55	0.16	51.4	7.4	7	14.45	11.5
M897783		3.36	0.006	0.33	8.13	14.9	2220	1.62	0.09	1.22	0.41	51.9	7.4	9	13.90	11.0
M897784		3.63	0.505	63.2	7.55	609	2530	1.80	0.15	0.33	7.06	52.0	8.8	8	19.35	19.8
M897785		3.35	0.006	0.30	7.61	15.1	2190	1.70	0.13	1.47	0.34	51.5	7.5	7	20.6	13.0
M897786		2.92	0.011	0.58	8.00	26.6	2420	1.50	0.13	0.87	0.62	56.9	7.3	8	17.90	14.2
M897787		3.46	0.006	0.37	7.85	21.0	2170	1.77	0.16	0.91	0.52	55.4	8.8	9	19.30	15.6
M897788		2.75	0.006	0.31	8.46	15.9	2290	1.89	0.18	1.47	0.24	53.7	8.4	9	22.6	16.1
M897789		0.52	2.28	25.4	6.43	3590	1690	1.43	19.15	2.30	79.0	45.1	10.6	19	15.00	449
M897790		1.52	<0.005	0.46	8.21	19.1	2380	1.53	0.20	0.33	0.24	44.0	6.8	8	28.6	20.1
M897791		2.83	0.010	0.63	8.02	19.7	2270	1.74	0.48	1.15	0.28	56.4	8.4	8	17.65	19.7
M897792		2.48	0.013	0.91	8.40	25.8	2310	1.67	0.41	0.55	0.32	50.4	9.0	9	30.2	25.1
M897793		2.78	0.021	1.37	8.34	45.4	1900	1.90	0.25	0.45	0.59	56.2	9.1	10	26.5	27.0
M897794		2.80	0.009	0.49	8.29	16.7	2240	1.68	0.19	0.33	0.24	51.1	7.7	8	35.5	20.0
M897795		3.51	0.054	1.33	8.11	45.3	2230	1.72	0.24	0.33	0.68	53.1	8.4	9	30.7	42.0
M897796		3.54	<0.005	0.01	0.07	<5	20	0.05	0.02	20.0	0.06	1.18	1.2	<1	0.23	1.9
M897797		2.93	0.014	0.71	8.68	19.3	2350	1.65	0.09	0.52	0.28	53.9	8.1	8	28.1	13.9
M897798		2.81	0.013	0.63	8.05	20.6	2240	1.85	0.08	1.64	0.40	53.6	8.1	8	28.3	12.7
M897799		3.06	0.016	0.79	8.44	43.3	2670	2.11	0.09	0.31	0.58	50.0	7.2	8	23.1	14.6
M897800		4.59	0.018	1.28	7.46	69.3	1540	1.66	0.10	0.50	1.95	42.6	7.6	8	15.85	14.6





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Account: ROCKHA

Project: Klaza TR-12-35

**CERTIFICATE OF ANALYSIS WH12158982**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897765		3.04	16.75	0.18	1.4	0.042	2.62	24.9	20.2	0.32	786	0.96	1.84	8.7	4.3	630
M897766		3.00	19.35	0.17	1.4	0.050	2.58	33.3	25.2	0.37	804	0.99	1.55	9.0	4.0	620
M897767		3.12	19.00	0.18	1.4	0.040	2.67	33.9	25.6	0.54	833	0.88	1.91	8.5	3.9	600
M897768		2.95	17.95	0.19	1.3	0.037	2.61	30.6	21.3	0.67	828	0.82	1.90	8.4	3.3	580
M897769		3.23	18.65	0.17	1.4	0.040	2.49	28.1	25.7	0.68	792	1.31	2.15	9.2	4.5	680
M897770		3.26	18.50	0.19	1.5	0.044	2.46	27.1	21.3	0.54	892	1.24	1.98	9.5	4.7	680
M897771		2.90	19.20	0.17	1.4	0.044	2.67	30.9	28.7	0.31	995	1.33	0.68	9.0	4.2	630
M897772		3.18	18.70	0.16	1.5	0.044	2.66	27.6	20.7	0.58	985	1.08	2.03	8.8	4.5	690
M897773		3.33	18.85	0.19	1.4	0.046	2.62	31.3	23.6	0.62	841	1.27	1.77	8.5	3.9	700
M897774		3.25	17.90	0.20	1.7	0.044	2.85	34.8	23.9	0.40	1880	1.30	1.68	8.8	4.4	610
M897775		2.67	18.70	0.16	1.8	0.042	2.79	32.7	24.4	0.19	597	1.03	0.78	9.1	3.4	610
M897776		1.15	18.05	0.12	2.5	0.028	1.78	25.7	39.6	0.33	404	1.10	0.20	10.9	2.4	220
M897777		3.25	19.60	0.19	1.7	0.041	3.12	38.2	36.7	0.18	874	1.03	1.74	9.1	3.7	600
M897778		2.99	18.40	0.19	1.6	0.039	2.90	36.9	33.5	0.17	838	1.01	1.85	8.3	4.0	600
M897779		2.98	17.10	0.09	1.7	0.043	2.74	29.1	35.5	0.25	859	1.07	1.80	9.5	4.7	590
M897780		3.21	16.85	0.11	1.6	0.044	2.82	29.7	31.1	0.27	903	0.96	1.09	9.1	3.3	630
M897781		3.05	16.30	0.10	1.7	0.039	2.73	30.4	28.7	0.24	831	1.00	1.91	9.1	3.6	590
M897782		3.12	17.30	0.10	1.5	0.041	2.81	27.2	31.2	0.23	663	0.96	0.98	9.3	2.9	610
M897783		3.13	17.55	0.09	1.4	0.044	2.78	23.5	32.0	0.37	880	1.17	1.50	9.6	4.0	620
M897784		3.15	16.40	0.12	1.5	0.046	2.81	38.0	194.0	0.16	6170	2.43	0.15	8.7	4.2	560
M897785		3.01	17.05	0.10	1.4	0.042	2.69	27.2	25.9	0.32	932	1.31	1.84	8.6	4.0	610
M897786		3.05	17.60	0.10	1.4	0.046	2.75	27.9	37.8	0.28	1220	1.43	1.02	9.4	4.4	640
M897787		3.08	17.65	0.10	1.5	0.047	2.79	27.6	82.0	0.30	1420	1.46	1.18	9.7	5.0	640
M897788		3.24	17.90	0.11	1.4	0.050	2.78	26.6	43.9	0.37	905	1.43	2.07	9.4	4.3	670
M897789		7.04	14.45	0.15	1.0	1.840	2.74	23.9	24.6	0.95	1980	13.85	0.04	6.6	16.1	470
M897790		3.22	18.35	0.09	1.4	0.048	2.90	17.8	60.8	0.32	655	1.34	0.38	9.4	4.1	650
M897791		3.21	17.25	0.10	1.6	0.049	2.77	27.4	31.4	0.51	823	1.08	1.87	9.5	4.0	620
M897792		3.22	19.85	0.11	1.6	0.050	2.89	24.3	76.7	0.40	657	1.40	1.02	10.0	4.4	650
M897793		3.44	19.25	0.13	1.6	0.052	2.75	34.5	143.0	0.24	995	1.57	0.65	10.0	4.9	650
M897794		3.09	18.90	0.11	1.5	0.048	3.02	26.1	50.8	0.23	729	2.38	0.57	9.4	3.4	620
M897795		3.20	19.80	0.13	1.5	0.054	2.95	28.6	97.2	0.23	1140	2.31	0.54	9.5	4.3	620
M897796		0.45	0.27	0.12	<0.1	0.006	0.03	0.6	1.3	12.20	206	0.08	0.01	0.3	1.3	160
M897797		3.39	19.15	0.13	1.6	0.046	2.97	26.6	58.1	0.39	647	1.47	0.54	10.2	3.5	680
M897798		3.21	18.30	0.12	1.6	0.040	2.72	27.3	32.8	0.34	820	1.44	2.01	9.4	3.7	610
M897799		2.77	19.10	0.11	1.6	0.039	2.27	28.7	434	0.11	1180	1.74	0.08	9.1	3.5	650
M897800		3.16	17.40	0.11	1.5	0.036	1.96	26.6	230	0.12	1900	1.91	0.09	8.6	3.9	580



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Account: ROCKHA

Project: Klaza TR-12-35

**CERTIFICATE OF ANALYSIS WH12158982**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897765		20.9	120.0	0.002	0.01	6.79	9.9	1	1.6	215	0.73	<0.05	15.8	0.263	1.14	3.3
M897766		25.7	124.5	0.002	<0.01	5.94	12.5	1	1.8	170.0	0.72	<0.05	18.2	0.258	1.12	3.3
M897767		22.5	121.0	0.002	<0.01	4.07	10.9	1	1.6	205	0.73	<0.05	16.9	0.252	1.08	2.9
M897768		21.7	119.0	0.002	<0.01	3.64	10.5	1	1.5	220	0.71	<0.05	15.5	0.251	1.04	2.5
M897769		21.0	116.0	0.002	<0.01	2.69	10.2	1	1.7	284	0.75	<0.05	14.9	0.276	1.01	2.5
M897770		21.6	112.5	0.003	<0.01	3.75	11.2	1	1.7	275	0.78	<0.05	15.0	0.286	1.02	3.4
M897771		23.6	127.0	0.003	0.01	14.60	12.6	1	1.6	95.9	0.72	<0.05	16.5	0.267	1.22	2.9
M897772		21.2	116.5	0.002	<0.01	3.98	10.4	1	1.6	304	0.69	<0.05	14.5	0.284	1.08	2.4
M897773		20.6	118.0	0.003	<0.01	3.98	12.5	1	1.7	227	0.70	<0.05	15.1	0.291	1.17	2.6
M897774		22.7	127.5	0.003	0.04	9.80	11.5	1	1.7	240	0.75	<0.05	16.2	0.263	1.26	3.1
M897775		19.1	131.0	0.002	<0.01	10.10	10.8	1	1.7	86.1	0.80	<0.05	17.5	0.253	1.20	3.1
M897776		35.6	112.0	0.002	<0.01	8.61	5.0	<1	1.8	57.2	1.21	<0.05	16.4	0.104	1.01	6.1
M897777		22.8	136.5	0.002	<0.01	7.05	11.1	1	1.6	173.5	0.78	<0.05	17.6	0.257	1.29	3.4
M897778		23.6	129.0	0.003	<0.01	5.93	10.9	1	1.6	201	0.71	<0.05	16.9	0.251	1.20	3.1
M897779		19.7	123.0	<0.002	<0.01	5.90	12.7	2	1.6	203	0.71	<0.05	16.3	0.246	1.08	4.0
M897780		18.7	129.0	<0.002	<0.01	8.29	12.0	2	1.6	118.5	0.72	<0.05	16.5	0.264	1.20	3.7
M897781		17.2	125.5	<0.002	0.01	5.20	11.1	2	1.5	220	0.74	<0.05	16.0	0.243	1.10	4.1
M897782		18.0	131.5	<0.002	<0.01	9.08	12.6	2	1.5	119.0	0.69	<0.05	16.2	0.259	1.15	3.5
M897783		21.2	129.0	<0.002	<0.01	12.15	11.4	1	1.6	235	0.68	<0.05	15.3	0.262	1.14	3.0
M897784		1145	136.5	<0.002	0.04	313	11.7	2	2.7	103.0	0.63	<0.05	14.5	0.241	1.70	4.8
M897785		19.6	124.5	<0.002	<0.01	7.67	11.7	2	1.6	268	0.65	<0.05	14.6	0.249	1.23	2.9
M897786		24.5	132.0	<0.002	0.01	16.05	11.9	1	1.7	173.0	0.67	<0.05	15.6	0.264	1.21	3.5
M897787		21.9	139.0	<0.002	<0.01	11.00	12.4	2	1.7	198.0	0.71	<0.05	15.6	0.266	1.32	3.8
M897788		19.9	132.0	<0.002	<0.01	6.62	13.3	2	1.7	305	0.67	<0.05	14.6	0.273	1.18	3.3
M897789		2840	168.0	0.002	4.97	92.8	8.3	2	8.5	99.4	0.49	0.46	10.6	0.181	2.32	5.5
M897790		21.9	141.5	<0.002	0.01	13.20	13.5	1	1.8	74.1	0.69	<0.05	14.3	0.267	1.37	2.7
M897791		24.7	140.0	<0.002	<0.01	5.99	13.1	2	1.7	247	0.73	<0.05	15.7	0.259	1.17	3.1
M897792		25.6	146.5	<0.002	<0.01	12.25	14.7	2	1.9	148.5	0.74	<0.05	15.5	0.272	1.29	3.7
M897793		28.6	146.5	<0.002	<0.01	20.8	14.5	2	1.8	142.0	0.74	<0.05	17.1	0.274	1.32	4.6
M897794		24.5	154.5	<0.002	<0.01	11.65	14.5	2	1.8	84.8	0.72	<0.05	15.4	0.263	1.43	4.0
M897795		29.4	151.5	<0.002	<0.01	21.2	15.0	2	1.9	101.0	0.72	<0.05	16.6	0.266	1.58	3.8
M897796		1.3	1.3	<0.002	0.01	0.09	0.3	1	<0.2	45.8	<0.05	<0.05	0.2	<0.005	<0.02	4.0
M897797		22.2	141.5	<0.002	<0.01	10.50	14.5	2	1.8	98.4	0.73	<0.05	18.1	0.287	1.35	3.4
M897798		21.5	132.0	<0.002	<0.01	5.93	12.6	2	1.6	319	0.70	<0.05	15.0	0.259	1.19	2.8
M897799		34.0	116.5	<0.002	0.04	31.9	13.8	2	1.6	145.0	0.67	<0.05	15.9	0.266	1.23	4.2
M897800		71.9	100.5	<0.002	0.04	35.2	12.2	2	1.6	106.5	0.69	<0.05	13.8	0.242	1.21	3.9



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**CERTIFICATE OF ANALYSIS WH12158982**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897765		69	1.2	13.5	62	37.6
M897766		72	1.5	19.4	60	39.8
M897767		71	1.2	21.3	57	38.9
M897768		67	1.4	18.6	57	37.2
M897769		78	1.6	13.9	63	39.3
M897770		83	1.3	15.2	63	42.7
M897771		75	1.5	20.0	65	40.3
M897772		79	1.4	14.8	63	46.4
M897773		86	1.7	18.8	65	44.2
M897774		76	2.2	21.9	69	46.1
M897775		69	2.3	22.4	47	49.2
M897776		23	2.2	16.7	39	66.2
M897777		70	0.9	28.1	61	47.0
M897778		69	1.0	23.1	64	44.6
M897779		69	1.4	20.6	64	47.4
M897780		74	2.2	22.6	59	47.1
M897781		67	1.3	20.8	57	49.7
M897782		71	2.0	21.7	60	47.6
M897783		73	2.5	14.5	82	43.1
M897784		69	3.6	25.6	851	47.2
M897785		71	2.2	17.1	70	42.8
M897786		72	3.7	17.8	89	44.4
M897787		73	2.8	17.4	86	47.3
M897788		77	2.8	17.5	65	44.1
M897789		58	5.2	10.6	5290	27.8
M897790		75	2.7	14.8	69	42.5
M897791		73	1.3	18.4	72	49.6
M897792		75	1.8	17.6	82	48.6
M897793		74	2.2	23.3	104	49.5
M897794		74	2.1	19.1	71	43.3
M897795		74	3.1	20.1	108	43.6
M897796		2	<0.1	0.8	13	<0.5
M897797		80	2.7	20.8	78	47.9
M897798		71	2.2	19.6	80	48.6
M897799		70	6.4	19.1	114	46.8
M897800		68	5.5	24.8	251	45.2



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**CERTIFICATE OF ANALYSIS WH12158982**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12158983**

Project: Klaza TR-12-35

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12158983**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M897801		2.67	0.015	0.67	8.41	32.1	1600	1.73	0.11	0.32	0.34	50.5	7.5	13	25.7	10.0
M897802		3.04	0.022	0.59	8.17	39.6	2360	1.82	0.19	1.46	0.34	59.1	8.1	12	23.3	13.4
M897803		3.68	0.026	1.02	8.05	80.9	2320	1.73	0.11	1.50	0.93	59.3	7.8	11	15.20	6.6
M897804		2.69	0.051	2.82	8.16	218	2330	1.55	0.13	0.49	2.02	52.4	8.0	11	20.1	8.4
M897805		2.84	0.413	27.1	8.10	757	2140	1.80	0.25	0.32	11.45	57.9	7.5	16	16.05	18.1
M897806		3.04	0.578	17.05	6.81	2120	5190	1.77	0.25	0.21	42.7	48.6	6.8	9	14.80	25.2
M897807		3.40	8.29	>100	6.66	7590	2220	1.59	0.15	0.20	70.6	51.4	4.0	12	16.05	70.2
M897808		3.30	3.32	66.1	7.18	2420	2460	1.48	0.38	0.17	27.0	51.6	1.9	9	25.4	31.3
M897809		3.12	0.095	5.08	7.97	335	1880	1.73	0.34	0.48	5.61	58.6	7.5	16	13.85	19.0
M897810		3.13	0.072	2.89	8.07	259	1680	1.90	0.96	0.49	3.45	60.0	8.2	22	23.2	13.3
M897811		2.95	0.040	1.56	8.10	202	1710	1.99	2.30	0.34	1.46	58.1	7.5	10	19.95	12.4
M897812		3.00	0.043	1.37	8.03	188.5	1460	1.66	0.82	0.45	0.78	56.0	7.4	10	22.6	18.6
M897813		3.20	0.030	0.56	8.07	56.3	2150	1.77	0.23	1.32	0.69	56.5	7.3	11	15.85	10.3
M897814		2.96	0.015	0.65	7.66	75.3	3750	1.76	0.17	0.73	0.82	55.2	7.2	11	20.3	12.3
M897815		2.48	0.014	0.70	8.30	41.6	2280	1.44	0.26	0.35	0.67	54.6	7.2	10	29.1	11.8
M897816		3.80	0.014	0.44	8.34	22.2	2560	1.73	0.29	0.82	0.65	59.9	8.1	13	24.6	18.4
M897817		4.39	0.229	0.60	7.61	173.5	2880	1.73	0.13	0.94	1.18	54.3	6.9	10	21.4	9.0
M897818		3.09	0.031	0.38	7.87	69.8	2010	1.79	0.52	0.40	0.46	58.0	8.3	11	21.7	9.7
M897819		2.94	<0.005	0.15	7.94	14.9	2380	1.68	0.21	1.21	0.24	59.8	6.8	12	14.95	13.8
M897820		2.33	<0.005	0.12	8.03	12.9	2210	1.71	0.26	1.27	0.20	59.6	7.8	13	12.20	13.6
M897821		3.46	<0.005	0.19	8.50	10.3	2380	1.60	0.22	0.49	0.12	61.9	6.7	12	15.70	20.8
M897822		3.59	<0.005	0.11	8.20	8.7	2220	1.43	0.19	0.48	0.24	55.7	7.6	12	10.30	10.8
M897823		3.01	<0.005	0.15	8.21	11.6	2410	1.61	0.24	0.50	0.17	55.8	8.7	13	14.90	9.5
M897824		3.72	<0.005	0.08	7.69	8.0	2580	1.52	0.36	0.87	0.19	47.7	7.5	11	9.28	6.2
M897825		3.71	<0.005	0.19	7.87	23.5	2100	1.65	0.50	0.71	0.30	63.8	6.9	11	12.05	20.6
M897826		0.23	2.42	23.7	5.96	3480	1660	1.35	18.80	2.17	77.3	45.8	10.4	18	15.60	439
M897827		3.29	<0.005	0.13	7.93	9.4	2140	1.64	0.98	1.51	0.16	54.4	7.7	13	9.28	13.4
M897828		3.39	0.007	0.17	7.70	24.7	1810	1.66	0.41	0.89	0.27	59.6	8.2	15	12.85	14.4
M897829		3.18	0.006	0.18	7.99	20.8	1850	1.52	0.38	0.62	0.25	62.0	7.7	14	13.80	15.6
M897830		4.06	0.025	0.19	7.70	38.2	2160	1.45	0.72	0.82	0.36	54.9	7.5	12	11.35	15.9
M897831		2.81	0.011	0.11	8.52	16.0	2240	1.47	0.43	0.87	0.13	55.5	7.8	12	17.45	19.1
M897832		1.97	<0.005	<0.01	0.16	<5	40	0.11	0.02	21.2	0.06	1.27	1.8	3	1.12	3.4
M897833		3.31	0.204	0.57	6.47	216	1070	1.42	0.38	1.00	0.47	37.7	8.2	9	23.2	15.6
M897834		4.27	<0.005	0.11	8.35	19.0	1970	1.53	0.40	0.47	0.18	54.9	7.8	10	21.6	12.3
M897835		2.81	0.005	0.14	8.24	27.6	2100	1.69	0.77	0.92	0.22	60.9	9.1	13	20.2	22.2
M897836		2.76	<0.005	0.08	7.93	11.4	2060	1.68	1.47	1.41	0.17	46.7	7.9	9	8.89	12.2



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Project: Klaza TR-12-35

**CERTIFICATE OF ANALYSIS WH12158983**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897801		2.99	18.80	0.15	1.6	0.044	2.53	28.7	227	0.13	1160	1.77	0.20	9.2	3.5	690
M897802		3.37	17.25	0.15	1.7	0.045	2.79	30.9	27.7	0.41	927	1.73	1.96	9.0	3.9	680
M897803		3.18	16.80	0.14	1.5	0.040	2.76	29.4	21.2	0.58	901	1.48	2.19	8.5	3.7	640
M897804		3.30	17.45	0.14	1.5	0.045	2.92	25.2	25.6	0.27	1060	1.58	1.04	8.7	3.8	630
M897805		3.33	17.85	0.15	1.6	0.051	2.97	30.3	43.0	0.21	1770	2.66	0.55	9.1	4.2	740
M897806		3.23	15.50	0.15	1.3	0.050	2.08	28.4	71.3	0.16	4400	10.45	<0.01	7.2	3.7	510
M897807		3.80	16.10	0.14	1.3	0.051	2.19	33.8	51.9	0.16	4020	4.84	0.02	7.2	2.4	430
M897808		3.24	16.35	0.13	1.4	0.049	2.78	30.3	36.7	0.22	598	8.74	0.02	7.6	2.1	320
M897809		3.38	17.60	0.15	1.9	0.091	2.89	31.7	51.3	0.21	2140	2.56	0.35	9.1	5.9	790
M897810		3.28	18.55	0.17	2.4	0.051	2.23	33.5	113.0	0.16	1660	2.47	0.19	9.7	7.9	1070
M897811		3.02	17.70	0.17	1.7	0.050	2.90	34.4	145.0	0.17	2310	2.31	0.26	8.8	4.1	650
M897812		2.96	17.85	0.16	1.6	0.061	2.58	36.1	94.2	0.19	2080	2.11	0.37	8.5	4.1	620
M897813		3.05	17.30	0.17	1.6	0.046	2.83	30.2	42.5	0.36	1520	1.76	1.67	8.6	4.3	620
M897814		3.23	16.65	0.18	1.4	0.044	2.85	37.2	40.6	0.19	2670	2.27	1.00	7.8	4.2	560
M897815		3.18	18.35	0.18	1.5	0.046	2.91	28.8	32.6	0.23	2000	1.65	0.53	8.6	3.4	620
M897816		3.50	18.10	0.17	1.6	0.044	3.02	30.3	34.3	0.33	1010	1.49	0.58	8.9	4.0	640
M897817		3.57	17.05	0.17	1.3	0.041	2.83	33.3	50.3	0.26	5210	2.17	0.60	7.9	3.7	550
M897818		3.15	17.45	0.18	1.3	0.044	3.20	35.9	36.4	0.21	2280	2.13	0.42	8.3	4.3	580
M897819		3.08	16.80	0.17	1.4	0.044	2.89	27.7	18.6	0.41	874	1.37	1.69	8.8	4.4	650
M897820		3.27	16.90	0.18	1.3	0.047	2.70	26.7	17.8	0.55	1020	1.20	1.76	8.9	5.8	630
M897821		3.28	18.70	0.19	1.6	0.057	2.90	29.1	28.0	0.34	753	1.92	0.90	9.4	4.3	660
M897822		3.30	17.85	0.15	1.5	0.046	2.75	24.5	28.7	0.23	858	1.54	0.58	9.4	4.9	650
M897823		3.26	17.70	0.17	1.6	0.049	2.88	22.4	30.3	0.36	1020	1.24	0.69	9.3	4.5	650
M897824		3.12	16.85	0.17	1.4	0.046	2.65	24.4	24.6	0.38	819	1.35	1.21	8.5	4.2	610
M897825		3.32	17.80	0.19	1.4	0.059	2.82	32.0	23.8	0.41	1580	1.71	1.04	8.7	5.1	630
M897826		6.66	13.70	0.17	0.9	1.720	2.53	26.6	25.4	0.89	1860	13.50	0.03	6.0	15.6	440
M897827		3.05	16.80	0.15	1.5	0.043	2.56	27.8	28.1	0.62	788	1.30	1.72	8.9	5.1	640
M897828		3.10	16.75	0.17	1.5	0.044	2.59	32.3	28.1	0.36	966	1.67	1.14	8.8	6.2	610
M897829		2.87	18.80	0.07	1.8	0.044	2.57	31.9	30.6	0.31	927	1.68	0.94	9.8	5.2	610
M897830		2.84	16.95	0.06	1.5	0.047	2.53	29.4	28.7	0.33	1560	1.52	1.06	8.9	4.7	590
M897831		3.23	18.50	0.08	1.5	0.047	2.92	25.9	32.2	0.46	873	1.66	1.05	9.1	3.8	640
M897832		0.48	0.48	0.16	<0.1	<0.005	0.07	0.6	2.0	13.25	224	0.17	0.01	0.4	<0.2	180
M897833		2.80	14.80	<0.05	1.3	0.042	2.39	20.9	87.4	0.15	5080	1.83	0.07	6.9	3.4	450
M897834		2.88	17.80	0.09	1.6	0.045	2.41	31.4	156.0	0.17	1120	1.30	0.22	9.4	4.1	620
M897835		3.09	17.55	0.09	1.6	0.051	3.00	30.7	37.0	0.36	910	1.57	1.41	9.2	5.5	620
M897836		3.02	16.70	0.09	1.5	0.047	2.78	23.6	14.0	0.61	694	1.44	2.21	8.9	3.7	580



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Project: Klaza TR-12-35

**CERTIFICATE OF ANALYSIS WH12158983**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897801		19.9	113.5	<0.002	0.02	21.7	13.3	1	1.8	105.0	0.73	<0.05	15.6	0.297	1.43	3.4
M897802		21.7	115.0	<0.002	0.02	9.41	12.2	1	1.8	310	0.76	<0.05	16.2	0.287	1.34	3.0
M897803		25.8	109.5	<0.002	0.01	6.37	11.0	1	1.6	336	0.70	<0.05	14.9	0.279	1.24	2.3
M897804		30.3	129.0	<0.002	0.01	16.30	12.1	1	1.7	141.5	0.71	<0.05	14.8	0.274	1.48	3.1
M897805		384	143.0	<0.002	0.02	72.1	13.3	1	2.5	110.5	0.73	<0.05	15.7	0.297	1.90	4.0
M897806		665	104.5	<0.002	0.18	90.2	10.6	1	4.2	194.5	0.60	<0.05	14.1	0.229	1.88	5.4
M897807		3120	107.5	<0.002	0.29	536	10.8	1	12.3	255	0.61	<0.05	13.8	0.227	2.10	6.2
M897808		338	144.0	<0.002	0.29	134.0	10.7	1	5.3	178.5	0.65	<0.05	14.0	0.233	2.46	3.9
M897809		66.7	135.5	<0.002	0.04	30.6	11.7	1	1.9	192.0	0.74	<0.05	15.0	0.306	1.96	3.7
M897810		44.5	105.5	<0.002	0.03	33.4	11.7	2	1.8	391	0.69	0.05	13.4	0.349	1.49	4.4
M897811		40.9	135.0	<0.002	0.02	22.4	12.3	1	2.0	123.0	0.78	0.06	16.4	0.274	1.85	4.7
M897812		40.4	121.0	<0.002	0.03	21.9	12.3	1	2.2	151.5	0.71	0.05	15.7	0.267	1.69	4.3
M897813		34.8	120.0	<0.002	0.01	10.55	10.9	1	2.0	274	0.70	<0.05	15.0	0.272	1.54	2.5
M897814		34.9	128.0	<0.002	0.06	26.5	12.0	1	1.8	188.5	0.60	<0.05	15.5	0.248	1.89	3.5
M897815		25.0	130.0	<0.002	0.01	18.90	13.1	1	1.9	92.7	0.67	<0.05	16.5	0.278	1.74	3.4
M897816		22.2	133.0	<0.002	0.02	17.15	12.8	2	1.9	126.5	0.74	<0.05	17.1	0.280	1.63	3.4
M897817		37.9	130.5	<0.002	0.13	23.9	11.7	1	1.8	151.0	0.64	<0.05	14.8	0.251	1.90	4.0
M897818		26.4	151.0	<0.002	0.02	24.7	12.7	1	1.8	116.5	0.67	<0.05	15.0	0.269	2.23	4.2
M897819		18.8	122.5	<0.002	0.01	8.72	11.3	1	1.8	265	0.72	<0.05	14.7	0.279	1.46	2.8
M897820		19.4	111.0	<0.002	<0.01	6.36	11.5	1	2.0	269	0.68	<0.05	14.3	0.295	1.30	2.7
M897821		19.4	130.0	<0.002	<0.01	11.60	12.8	1	2.0	123.0	0.77	<0.05	16.6	0.292	1.41	3.0
M897822		17.0	121.0	<0.002	0.01	22.2	12.6	1	2.0	117.0	0.74	<0.05	14.7	0.297	1.27	2.7
M897823		20.2	126.5	<0.002	0.01	10.75	12.0	1	1.9	111.5	0.76	<0.05	14.4	0.293	1.45	2.7
M897824		16.9	109.0	<0.002	0.01	14.25	11.2	1	2.2	205	0.72	<0.05	13.3	0.269	1.24	2.5
M897825		21.0	127.0	<0.002	0.01	15.85	12.3	2	2.0	165.5	0.70	<0.05	15.0	0.280	1.49	3.6
M897826		2780	147.5	0.002	4.89	88.8	8.4	2	7.8	92.1	0.47	0.37	11.0	0.178	2.28	5.2
M897827		17.5	104.5	<0.002	0.01	10.30	10.9	1	2.3	320	0.71	<0.05	12.9	0.288	1.21	2.4
M897828		23.8	115.5	<0.002	0.01	15.20	11.3	2	1.8	194.5	0.72	<0.05	14.5	0.277	1.34	3.0
M897829		26.6	145.0	<0.002	0.01	14.45	12.5	2	2.0	142.0	0.85	<0.05	17.2	0.275	1.43	3.4
M897830		21.6	142.0	<0.002	0.01	19.30	11.5	1	2.3	180.0	0.76	<0.05	15.3	0.262	1.47	3.2
M897831		21.5	147.5	<0.002	<0.01	11.50	12.3	1	2.1	168.0	0.79	<0.05	16.2	0.295	1.53	2.8
M897832		1.4	5.7	<0.002	0.01	0.08	0.6	1	<0.2	45.2	<0.05	<0.05	0.2	0.006	0.04	0.9
M897833		22.5	136.0	<0.002	0.11	44.7	9.5	1	1.9	123.0	0.65	<0.05	11.8	0.207	2.18	3.5
M897834		17.9	133.5	<0.002	0.04	23.1	12.2	2	2.1	150.5	0.84	<0.05	16.5	0.284	2.02	3.7
M897835		20.5	163.0	<0.002	0.01	12.95	12.0	2	2.2	224	0.84	<0.05	16.2	0.281	1.73	3.3
M897836		18.1	140.0	<0.002	0.01	3.30	10.8	1	2.6	300	0.80	<0.05	14.5	0.264	1.47	2.8





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**CERTIFICATE OF ANALYSIS WH12158983**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M897801		78	3.4	20.9	93	43.5	
M897802		80	2.2	18.7	94	45.5	
M897803		74	2.0	15.6	188	38.9	
M897804		72	3.6	16.7	415	40.4	
M897805		79	4.2	15.0	674	42.5	
M897806		62	4.8	17.6	1970	33.7	
M897807		62	4.9	19.2	1720	34.2	452
M897808		63	3.5	9.6	910	36.7	
M897809		78	4.6	15.4	400	55.7	
M897810		81	3.5	18.1	340	86.6	
M897811		72	3.0	18.1	212	42.7	
M897812		71	3.4	19.7	147	42.1	
M897813		71	2.5	15.2	111	40.0	
M897814		70	2.1	19.9	107	35.6	
M897815		75	2.0	18.5	88	39.8	
M897816		75	1.7	19.2	100	41.1	
M897817		70	1.8	19.4	153	33.9	
M897818		73	2.0	18.1	76	34.8	
M897819		72	1.3	13.9	66	35.4	
M897820		76	1.5	13.6	61	32.4	
M897821		76	2.6	15.9	58	40.4	
M897822		78	2.9	14.0	60	37.2	
M897823		78	2.6	13.8	58	40.2	
M897824		71	2.4	12.8	63	35.3	
M897825		75	2.8	15.8	76	37.2	
M897826		55	5.0	9.9	5260	25.0	
M897827		71	3.2	14.5	60	38.0	
M897828		73	2.5	16.5	69	41.9	
M897829		70	2.6	20.3	63	49.9	
M897830		67	2.7	18.5	66	40.7	
M897831		79	2.0	17.9	59	41.8	
M897832		3	0.1	0.9	15	0.6	
M897833		59	3.3	16.6	77	35.8	
M897834		73	3.1	21.4	57	46.5	
M897835		73	2.6	18.0	54	44.6	
M897836		69	2.0	14.7	54	40.1	



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Project: Klaza TR-12-35

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Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12158983**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12158984**

Project: Klaza TR-12-35

P.O. No.: Batch 3

This report is for 11 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza TR-12-35

**CERTIFICATE OF ANALYSIS WH12158984**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897837		2.81	<0.005	0.25	8.26	56.0	2220	1.86	0.77	0.47	0.20	53.7	8.2	11	23.1	20.6
M897838		3.78	0.007	0.33	8.02	45.4	1670	1.89	0.75	0.67	0.27	62.8	7.9	15	16.90	34.3
M897839		4.94	<0.005	0.16	7.97	18.2	2170	1.67	12.40	0.91	0.28	54.9	7.8	14	6.95	17.7
M897840		5.09	<0.005	0.25	8.00	24.3	2000	1.80	1.17	1.12	0.25	56.1	7.3	17	6.27	19.0
M897841		0.48	2.34	25.7	6.29	3510	1600	1.49	18.20	2.26	78.7	44.0	10.9	19	14.85	444
M897842		5.39	<0.005	0.22	7.85	13.4	1980	1.87	1.77	1.39	0.21	48.6	7.7	15	5.96	28.8
M897843		3.98	0.044	1.23	7.54	48.1	1660	1.57	3.70	0.82	0.74	54.5	9.0	18	9.87	37.7
M897844		3.30	0.014	0.48	7.72	35.4	1830	1.63	1.43	0.42	0.96	47.7	8.8	18	13.80	33.8
M897845		4.55	0.007	0.20	8.08	14.7	2230	1.76	2.68	1.19	0.33	48.9	8.4	14	6.19	31.6
M897846		3.38	<0.005	0.01	0.11	<5	20	0.06	0.04	20.5	0.06	1.22	1.4	2	0.22	1.8
M897847		2.36	<0.005	0.28	8.76	40.4	2440	1.54	0.95	0.45	0.35	50.2	9.2	14	14.45	36.8



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Project: Klaza TR-12-35

**CERTIFICATE OF ANALYSIS WH12158984**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897837		3.56	17.75	0.12	1.6	0.047	3.73	28.8	15.6	0.18	1020	2.44	0.87	9.6	4.6	660
M897838		3.29	18.10	0.13	1.7	0.070	3.30	32.6	15.5	0.28	1390	2.21	0.96	9.2	6.3	660
M897839		3.01	17.30	0.10	1.6	0.048	2.94	24.6	16.4	0.44	774	1.83	1.81	9.2	4.5	600
M897840		2.95	17.90	0.13	1.6	0.059	3.07	28.2	14.7	0.57	850	1.84	1.97	9.0	4.7	580
M897841		6.88	14.80	0.15	0.9	1.890	2.69	23.8	25.6	0.93	1940	13.35	0.04	6.5	16.5	460
M897842		3.20	18.70	0.10	1.5	0.062	2.63	22.6	15.7	0.74	661	1.74	2.35	9.9	4.7	630
M897843		3.58	16.85	0.11	1.4	0.181	2.32	23.3	21.9	0.54	1500	1.67	1.30	8.9	6.9	620
M897844		3.03	18.90	0.10	1.5	0.101	2.35	17.4	27.9	0.47	1020	1.74	0.66	9.9	5.5	630
M897845		3.16	18.05	0.11	1.4	0.066	2.78	23.1	14.6	0.69	731	1.53	2.31	9.7	4.5	640
M897846		0.46	0.33	0.14	<0.1	0.006	0.04	0.6	1.4	12.50	216	0.16	0.01	0.4	1.6	170
M897847		3.88	20.1	0.12	1.5	0.049	2.80	18.8	20.3	0.27	946	3.45	0.84	9.8	6.0	710



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Project: Klaza TR-12-35

**CERTIFICATE OF ANALYSIS WH12158984**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897837		20.5	199.0	<0.002	0.01	11.35	12.8	2	2.6	117.5	0.73	<0.05	17.1	0.271	2.48	4.0
M897838		20.6	182.5	<0.002	0.01	12.00	13.0	2	2.2	138.5	0.72	<0.05	16.4	0.269	2.19	3.8
M897839		20.3	148.0	<0.002	0.01	7.57	11.5	1	2.3	223	0.73	<0.05	14.8	0.250	1.33	3.1
M897840		18.2	156.5	<0.002	0.01	5.10	12.0	1	2.3	256	0.72	<0.05	15.2	0.249	1.42	3.1
M897841		2750	168.5	0.002	4.84	92.6	9.1	2	8.7	99.3	0.45	0.39	10.2	0.178	2.22	5.3
M897842		19.0	129.5	<0.002	0.02	4.22	12.7	1	3.6	319	0.73	<0.05	12.9	0.267	1.29	2.6
M897843		141.5	125.5	<0.002	0.01	38.0	12.5	1	5.0	181.5	0.67	0.06	13.5	0.283	1.52	3.3
M897844		160.5	131.5	<0.002	<0.01	15.05	14.4	2	2.9	94.4	0.71	<0.05	14.1	0.274	1.50	3.0
M897845		44.9	141.0	<0.002	0.01	5.17	13.0	1	3.0	294	0.69	<0.05	13.3	0.275	1.35	2.6
M897846		1.7	1.7	<0.002	0.01	0.13	0.5	1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M897847		21.3	131.5	<0.002	<0.01	14.80	14.8	2	2.4	120.5	0.70	<0.05	14.9	0.291	1.36	3.2



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 Account: ROCKHA

Project: Klaza TR-12-35

**CERTIFICATE OF ANALYSIS WH12158984**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897837		76	2.1	19.2	58	45.9
M897838		75	2.5	18.0	62	46.2
M897839		67	15.9	14.4	61	47.2
M897840		69	2.3	12.7	58	46.3
M897841		58	4.7	10.3	5120	27.1
M897842		75	2.2	13.1	57	44.4
M897843		79	3.8	15.0	125	40.7
M897844		71	2.5	15.1	375	46.5
M897845		76	2.7	13.0	106	39.4
M897846		3	<0.1	0.9	14	0.5
M897847		83	4.7	18.6	77	45.1



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Project: Klaza TR-12-35

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**CERTIFICATE OF ANALYSIS WH12158984**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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Account: ROCKHA

**CERTIFICATE WH12159038**

Project: Klaza - 74B

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 74B

**CERTIFICATE OF ANALYSIS WH12159038**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895309		10.61	<0.005	0.11	6.43	5.7	1220	1.43	2.99	3.29	0.11	37.7	8.4	11	10.90	2.6
M895310		5.45	<0.005	2.04	6.95	6.7	1780	1.28	16.80	3.00	0.49	47.2	8.1	11	10.85	3.6
M895311		4.34	<0.005	0.19	8.11	5.0	1930	1.42	1.13	1.34	0.29	48.7	7.0	9	11.85	4.1
M895312		4.50	<0.005	0.37	6.72	6.0	1900	1.21	1.94	2.72	0.37	37.9	7.6	8	10.85	2.7
M895313		6.60	<0.005	1.87	6.51	10.0	2340	1.45	4.88	2.96	1.77	40.5	7.7	9	11.70	3.9
M895314		0.23	2.35	23.8	5.84	3250	1270	1.42	19.00	2.21	75.4	41.5	9.9	19	13.45	438
M895315		10.32	0.005	2.14	6.70	8.6	1500	1.42	7.04	2.61	0.19	35.6	7.8	9	10.35	2.0
M895316		9.21	0.005	0.76	6.53	12.5	1470	1.49	1.86	3.09	2.24	38.6	7.7	8	11.15	6.9
M895317		6.05	<0.005	0.86	6.73	10.4	590	1.19	3.96	3.32	1.01	40.2	6.4	7	9.15	2.9
M895318		3.21	<0.005	0.06	0.16	<5	30	0.09	0.05	20.7	0.06	1.16	0.8	3	0.70	2.5
M895319		7.83	<0.005	0.16	6.38	5.2	2860	1.20	0.74	2.79	0.13	38.3	6.3	9	7.94	2.1
M895320		8.46	<0.005	0.22	7.39	13.4	840	1.44	0.86	4.01	0.12	47.7	7.8	9	13.15	2.5
M895321		9.40	<0.005	0.16	7.00	4.6	2060	1.13	1.07	3.52	0.09	42.5	7.4	11	8.69	2.2
M895322		9.98	<0.005	0.12	6.81	6.0	1440	1.33	0.92	3.06	0.10	44.2	7.7	9	10.30	1.4
M895323		11.42	<0.005	0.39	6.46	9.8	1530	1.31	1.69	3.51	0.13	38.6	7.9	11	8.12	1.1
M895324		6.05	0.006	0.25	7.27	10.3	1260	1.43	0.59	4.29	0.16	37.0	8.3	9	14.35	4.4
M895325		2.13	<0.005	0.06	0.11	6	20	0.08	0.04	21.2	0.05	1.15	0.9	2	0.31	3.0
M895326		10.27	<0.005	0.16	6.67	9.7	1650	1.47	0.27	3.13	0.09	31.8	7.3	11	9.36	5.7
M895327		5.63	<0.005	0.21	6.93	13.5	1430	1.25	0.86	4.00	0.16	39.8	8.0	9	13.05	1.8
M895328		11.34	<0.005	0.65	6.52	5.8	1420	1.47	1.87	3.04	1.30	37.7	7.4	12	9.61	2.6
M895329		10.95	<0.005	0.18	7.38	4.4	1950	1.63	0.28	2.42	0.85	42.7	8.3	11	12.95	4.8
M895330		0.23	2.33	25.9	6.05	3430	1240	1.36	18.40	2.29	79.1	43.4	10.1	20	13.80	459
M895331		11.06	<0.005	0.14	7.60	5.3	2380	1.74	0.21	3.06	0.16	44.4	8.5	11	11.60	5.2
M895332		9.16	<0.005	0.33	6.98	9.1	1400	1.36	0.59	3.36	0.20	42.5	7.3	11	10.70	4.8
M895333		2.90	<0.005	0.18	7.01	6.7	1300	1.57	0.40	3.35	0.10	45.3	8.0	10	11.05	5.5
M895334		8.27	<0.005	0.16	6.61	5.8	1560	1.44	0.60	3.78	0.08	39.5	7.6	12	9.09	3.3
M895335		6.13	<0.005	0.06	6.82	7.3	910	1.62	3.96	4.22	0.28	39.6	7.9	9	16.90	0.8
M895336		6.16	<0.005	0.08	6.54	6.0	1160	1.54	2.95	3.38	0.18	41.3	7.7	11	14.35	0.8
M895337		6.79	<0.005	0.02	7.02	4.8	2670	1.68	1.81	3.41	0.16	42.6	7.9	9	11.00	0.8
M895338		<0.02	<0.005	0.06	7.09	4.9	3150	1.58	1.98	3.58	0.17	46.9	8.4	10	11.70	0.7
M895339		9.91	<0.005	0.06	6.96	6.4	1490	1.43	1.29	3.78	0.14	39.4	7.7	9	9.43	1.0
M895340		5.65	<0.005	0.11	7.12	17.0	1470	1.50	1.39	3.05	0.12	39.5	8.8	11	11.70	0.8
M895341		6.46	<0.005	0.09	7.06	3.0	1790	1.44	0.73	3.38	0.11	38.7	7.8	12	8.69	0.7
M895342		9.85	<0.005	0.07	6.49	6.2	950	1.54	1.77	3.62	0.16	36.0	7.1	14	14.15	0.9
M895343		11.97	<0.005	0.13	6.67	7.6	1170	1.65	1.51	2.93	0.20	34.9	7.4	10	10.10	1.6
M895344		7.63	<0.005	0.14	6.76	6.5	1140	1.56	1.33	2.89	0.20	36.1	7.5	11	9.81	2.3



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Account: ROCKHA

Project: Klaza - 74B

**CERTIFICATE OF ANALYSIS WH12159038**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895309		3.08	15.20	0.14	1.1	0.048	1.98	17.1	17.0	0.80	1570	0.20	1.55	8.3	2.9	620
M895310		2.81	13.30	0.16	1.0	0.035	1.91	23.4	21.9	0.97	1360	0.19	1.37	7.8	2.8	620
M895311		2.82	16.05	0.16	1.2	0.039	2.21	23.6	30.7	0.53	931	0.25	0.06	8.5	2.5	670
M895312		3.13	15.00	0.13	1.0	0.040	1.94	18.0	28.0	0.78	1440	0.08	0.51	6.7	2.4	600
M895313		3.05	15.10	0.12	1.0	0.056	2.33	19.2	19.5	0.94	1660	0.13	0.84	6.7	2.4	580
M895314		6.80	13.45	0.14	0.9	1.395	2.64	21.6	22.7	0.91	1840	11.80	0.05	5.1	14.6	430
M895315		3.08	14.80	0.11	1.0	0.043	1.85	17.3	38.8	0.79	1440	0.11	0.99	7.0	2.5	610
M895316		3.05	14.85	0.13	1.0	0.082	2.23	17.1	28.7	0.85	1720	0.10	0.90	6.5	2.4	540
M895317		2.61	13.80	0.14	0.8	0.049	1.85	21.5	39.9	0.92	1540	0.05	0.09	4.9	1.9	450
M895318		0.51	0.36	0.13	<0.1	0.010	0.07	0.6	1.9	12.95	221	<0.05	0.01	0.2	2.2	150
M895319		2.65	13.45	0.16	0.9	0.036	1.92	18.4	16.3	0.74	1480	0.09	1.74	6.0	2.1	540
M895320		3.79	14.25	0.14	0.9	0.078	2.72	26.0	23.4	1.21	2370	0.18	0.24	6.8	2.9	620
M895321		3.32	12.65	0.14	0.8	0.048	2.03	22.2	20.8	1.14	1860	0.19	1.15	6.4	2.9	610
M895322		3.26	13.90	0.14	0.8	0.069	1.88	22.8	21.4	0.77	1730	0.17	1.29	6.8	2.8	590
M895323		3.09	14.50	0.15	0.9	0.049	2.02	19.3	25.0	1.08	2000	0.08	1.45	6.7	2.4	590
M895324		3.47	17.20	0.14	1.0	0.066	2.80	16.1	24.7	1.06	2000	0.12	0.78	6.9	2.5	670
M895325		0.50	0.27	0.13	<0.1	0.007	0.04	0.5	1.2	13.25	227	0.12	0.02	0.1	2.2	190
M895326		3.14	14.85	0.16	0.9	0.039	2.09	14.2	14.5	0.74	1160	0.17	1.74	6.7	2.5	610
M895327		3.30	14.15	0.15	0.8	0.079	1.96	20.7	29.5	1.17	2400	0.09	0.84	6.7	2.6	640
M895328		3.05	15.20	0.15	0.9	0.093	1.88	16.6	16.9	0.78	2070	0.11	1.68	6.5	2.4	580
M895329		3.34	16.75	0.14	1.1	0.041	2.47	20.6	15.9	0.86	1060	0.27	2.20	7.4	2.9	650
M895330		7.06	13.70	0.12	0.9	1.410	2.75	22.8	23.7	0.94	1910	12.75	0.05	5.3	15.0	440
M895331		3.31	16.80	0.14	1.2	0.036	2.44	21.2	13.5	0.93	865	0.43	2.40	7.7	2.6	640
M895332		3.06	15.20	0.13	1.1	0.041	2.30	20.6	18.4	0.82	1340	0.19	1.45	7.2	2.5	590
M895333		3.12	15.80	0.14	1.2	0.039	2.28	20.6	18.2	0.81	1260	0.22	1.59	7.5	2.8	620
M895334		3.04	15.20	0.14	1.0	0.038	1.79	20.5	21.4	0.91	1320	0.16	1.71	7.0	2.5	590
M895335		3.21	19.55	0.14	1.0	0.056	1.59	18.0	33.0	0.89	1860	<0.05	1.54	7.2	2.6	600
M895336		2.81	14.95	0.13	1.0	0.064	1.36	19.1	30.0	0.97	1880	0.11	1.88	6.7	2.8	600
M895337		2.95	15.00	0.13	1.1	0.043	1.45	19.1	16.8	0.96	1780	0.10	2.22	7.0	2.6	600
M895338		3.01	15.45	0.14	1.1	0.045	1.49	21.9	18.2	0.98	1830	0.12	2.24	7.3	2.8	610
M895339		3.12	14.95	0.14	1.0	0.036	1.66	17.7	17.5	0.88	1680	0.08	2.21	6.9	2.5	640
M895340		3.03	16.15	0.14	0.9	0.034	1.74	17.7	25.7	0.92	1500	0.13	2.11	7.0	3.7	630
M895341		3.15	14.85	0.13	1.2	0.029	1.86	18.9	13.0	0.93	1360	0.08	2.33	7.1	2.5	640
M895342		2.83	15.95	0.14	1.1	0.039	1.70	15.8	22.7	0.60	1250	0.13	1.60	6.8	4.6	590
M895343		3.00	15.80	0.14	1.0	0.033	2.10	14.9	19.4	0.84	1270	0.06	1.37	7.0	2.5	620
M895344		2.91	15.80	0.13	1.0	0.034	2.06	15.9	18.3	0.84	1240	0.08	1.45	6.9	3.4	590



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**CERTIFICATE OF ANALYSIS WH12159038**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M895309		20.5	72.7	<0.002	0.03	6.47	9.6	1	1.7	244	0.66	<0.05	9.7	0.279	2.7
M895310		40.5	85.0	<0.002	0.08	3.88	10.0	1	1.5	228	0.63	0.38	11.8	0.269	2.8
M895311		28.3	81.7	<0.002	0.04	9.54	10.7	1	1.7	135.0	0.71	<0.05	15.1	0.288	1.8
M895312		49.8	57.9	<0.002	0.11	6.41	9.9	1	1.5	176.0	0.60	<0.05	9.6	0.271	1.7
M895313		123.5	83.6	<0.002	0.28	5.13	10.1	1	1.8	182.0	0.57	0.09	9.5	0.261	2.7
M895314		2820	152.0	0.002	4.83	88.5	7.7	1	7.6	87.9	0.43	0.29	9.9	0.179	4.8
M895315		23.3	63.5	<0.002	0.14	5.31	10.3	1	1.8	197.5	0.61	0.20	8.8	0.274	1.6
M895316		107.0	75.5	<0.002	0.25	4.84	9.3	1	1.8	207	0.54	0.07	8.7	0.250	2.6
M895317		65.8	62.7	<0.002	0.23	4.76	7.5	<1	1.8	161.0	0.46	<0.05	9.2	0.200	1.6
M895318		1.7	3.6	<0.002	0.01	0.05	0.4	<1	0.2	42.3	<0.05	<0.05	<0.2	0.005	0.4
M895319		16.7	70.0	<0.002	0.09	3.08	8.9	1	1.4	228	0.53	<0.05	8.9	0.236	1.9
M895320		17.4	147.0	0.002	0.47	5.01	10.8	1	2.1	163.0	0.53	<0.05	12.0	0.271	3.3
M895321		16.1	95.8	0.002	0.07	3.70	10.1	<1	1.2	192.5	0.54	<0.05	11.4	0.270	3.1
M895322		20.9	96.4	0.002	0.27	3.28	10.4	<1	1.5	223	0.53	<0.05	11.2	0.254	4.8
M895323		12.7	77.6	<0.002	0.17	3.26	10.0	1	1.6	163.5	0.55	<0.05	8.8	0.270	3.5
M895324		17.1	84.0	<0.002	0.31	4.85	10.2	<1	1.8	207	0.56	<0.05	8.1	0.294	2.6
M895325		1.4	1.8	<0.002	0.01	0.06	0.3	<1	0.2	39.5	<0.05	<0.05	<0.2	<0.005	0.5
M895326		14.7	72.8	<0.002	0.08	3.54	9.8	<1	1.7	272	0.56	<0.05	8.1	0.279	2.3
M895327		15.5	76.7	<0.002	0.21	5.88	10.5	<1	1.7	201	0.54	<0.05	9.0	0.280	3.1
M895328		62.1	74.2	<0.002	0.08	3.65	9.9	1	1.6	263	0.52	0.09	8.6	0.265	2.2
M895329		53.0	75.6	<0.002	0.04	2.61	11.3	1	1.7	440	0.62	<0.05	10.4	0.289	3.0
M895330		2940	152.0	0.003	5.00	88.1	7.9	1	7.7	90.5	0.45	0.33	9.6	0.185	5.0
M895331		20.5	85.0	<0.002	0.04	2.54	11.5	1	1.6	425	0.66	<0.05	11.2	0.294	3.9
M895332		19.4	94.3	<0.002	0.14	3.97	10.4	1	1.5	242	0.63	0.05	10.6	0.272	4.0
M895333		15.6	92.9	0.002	0.09	4.00	10.9	1	1.7	248	0.65	<0.05	10.6	0.274	3.8
M895334		18.6	63.2	<0.002	0.06	4.65	10.0	<1	1.4	261	0.60	<0.05	9.7	0.274	3.4
M895335		33.2	53.0	<0.002	0.02	9.68	10.6	<1	1.7	412	0.61	<0.05	9.6	0.283	3.4
M895336		22.9	50.8	<0.002	0.02	8.83	10.3	1	1.5	330	0.60	<0.05	9.9	0.270	2.9
M895337		22.2	50.3	<0.002	0.06	6.03	10.4	1	1.5	406	0.64	<0.05	11.1	0.271	2.9
M895338		23.2	55.9	<0.002	0.07	6.36	11.3	2	1.6	422	0.62	<0.05	10.9	0.278	2.8
M895339		20.2	55.2	<0.002	0.04	4.25	10.3	1	1.5	338	0.59	<0.05	9.4	0.281	2.8
M895340		21.7	64.5	<0.002	0.05	6.63	10.8	1	1.5	321	0.59	<0.05	9.2	0.289	3.3
M895341		20.9	62.1	<0.002	0.03	3.01	10.7	1	1.5	303	0.66	<0.05	9.9	0.284	3.2
M895342		24.9	54.7	<0.002	0.01	6.68	9.8	1	1.6	301	0.57	<0.05	9.1	0.265	3.3
M895343		22.0	60.5	0.002	0.01	4.76	9.8	1	1.5	203	0.57	<0.05	8.4	0.281	2.7
M895344		21.4	67.7	<0.002	0.01	4.44	10.3	1	1.4	203	0.57	<0.05	9.3	0.275	2.8



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Project: Klaza - 74B

**CERTIFICATE OF ANALYSIS WH12159038**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895309		81	1.9	11.5	198	24.7
M895310		69	1.5	11.6	191	23.5
M895311		79	2.7	13.6	129	27.2
M895312		75	1.6	10.4	190	20.7
M895313		72	1.4	10.6	294	20.5
M895314		56	5.1	8.6	5400	20.8
M895315		76	1.5	9.4	196	20.6
M895316		71	1.2	9.6	398	21.2
M895317		66	1.3	9.3	247	16.3
M895318		3	0.1	0.7	15	<0.5
M895319		66	1.2	8.8	199	18.9
M895320		77	2.0	13.5	181	22.2
M895321		73	1.8	11.5	198	19.8
M895322		73	2.1	12.6	161	20.4
M895323		69	2.8	10.3	187	19.9
M895324		94	2.0	10.7	151	20.9
M895325		2	0.1	0.7	13	<0.5
M895326		78	1.2	9.4	109	19.4
M895327		74	2.1	10.9	280	18.1
M895328		74	1.7	9.5	393	19.5
M895329		83	1.0	13.0	224	22.5
M895330		58	4.9	8.7	5620	22.8
M895331		84	0.7	13.8	86	24.6
M895332		77	1.0	11.5	106	22.9
M895333		76	0.9	11.8	97	26.5
M895334		74	1.2	10.8	142	21.8
M895335		101	2.4	12.7	301	20.4
M895336		73	1.9	11.7	305	21.4
M895337		71	1.9	12.7	305	21.8
M895338		72	1.9	14.1	308	23.9
M895339		81	2.0	11.3	271	20.1
M895340		77	2.0	11.9	266	18.8
M895341		76	1.8	11.9	223	23.5
M895342		82	2.7	11.2	200	22.9
M895343		78	2.2	9.7	254	21.4
M895344		75	2.3	10.1	246	22.3



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**CERTIFICATE OF ANALYSIS WH12159038**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12159039**

Project: Klaza - 74B

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12159039**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895345		11.14	<0.005	3.87	6.59	3.9	1920	1.30	7.66	3.22	0.11	34.8	8.3	18	8.30	4.6
M895346		6.59	<0.005	0.19	6.78	3.8	2280	1.51	1.16	2.87	0.13	36.5	8.3	17	9.11	5.0
M895347		5.23	<0.005	0.87	8.43	8.4	3620	1.86	3.43	5.56	0.55	40.3	9.4	16	15.65	2.8
M895348		7.81	<0.005	0.07	6.31	15.6	2120	1.29	0.84	3.86	0.09	31.0	9.0	14	8.55	2.4
M895349		5.11	<0.005	<0.01	8.40	9.2	2460	2.10	3.15	3.87	0.13	35.7	7.5	24	23.0	<0.2
M895350		9.36	<0.005	0.06	6.97	4.8	1560	1.44	0.61	3.17	0.09	34.2	8.8	19	9.74	1.5
M895351		7.12	<0.005	0.12	6.88	15.9	2810	1.40	0.72	3.41	0.10	35.9	8.8	23	9.36	4.7
M895352		6.26	<0.005	0.02	6.29	7.6	1690	1.32	0.52	3.08	0.08	30.5	8.4	18	8.47	1.6
M895353		0.24	0.812	10.00	6.59	1685	1730	1.38	6.20	1.88	40.2	41.4	17.0	21	15.25	106.5
M895354		5.66	<0.005	0.16	6.30	34.2	1370	1.18	0.36	3.31	0.18	33.4	8.5	19	12.25	6.1
M895355		4.84	<0.005	0.04	6.42	4.0	3160	1.14	1.09	3.78	0.14	33.5	7.7	18	14.65	8.5
M895356		4.95	<0.005	0.04	6.83	4.2	3360	1.13	0.78	3.76	0.14	37.4	8.9	18	13.65	7.8
M895357		6.05	<0.005	0.03	6.23	3.3	2760	1.01	0.47	3.80	0.13	30.7	9.0	23	12.55	9.4
M895358		6.44	<0.005	0.10	6.98	5.9	1720	1.33	0.36	3.44	0.37	34.5	8.8	11	19.30	5.8
M895359		6.72	<0.005	0.08	6.96	8.6	1810	1.31	0.20	3.38	0.72	34.7	7.9	15	17.05	4.2
M895360		7.38	<0.005	13.85	6.54	12.4	2220	1.44	27.7	3.00	0.32	33.1	8.3	10	18.95	48.7
M895361		1.22	<0.005	0.02	0.11	<5	30	0.07	0.08	20.5	0.06	1.28	1.4	2	0.25	3.0
M895362		7.36	<0.005	0.06	6.67	4.2	1260	1.41	1.22	3.45	0.09	34.3	8.3	12	17.55	11.2
M895363		6.92	<0.005	0.05	6.56	2.2	4320	1.28	1.31	3.27	0.09	29.2	7.4	16	11.80	3.5
M895364		7.58	<0.005	0.11	6.45	12.2	3050	1.21	0.86	3.59	0.12	29.1	9.1	10	13.90	13.4
M895365		4.90	<0.005	0.10	7.33	9.6	1480	1.67	0.58	3.24	0.08	43.4	8.3	14	18.05	2.2
M895366		5.82	<0.005	0.08	7.14	10.3	2880	1.45	0.77	3.89	0.12	47.7	8.4	16	10.85	0.6
M895367		4.74	<0.005	0.09	6.93	7.1	3320	1.33	0.89	4.20	0.13	47.3	8.1	13	11.15	7.9
M895368		5.14	<0.005	0.02	7.50	5.3	2600	1.46	1.13	3.48	0.11	45.5	7.0	20	13.35	2.7
M895369		3.90	<0.005	0.08	6.88	5.0	1460	1.51	0.37	3.17	0.16	33.9	5.9	13	10.50	1.1
M895370		<0.02	<0.005	0.08	6.71	5.0	1460	1.64	0.36	3.13	0.17	31.7	6.0	19	10.55	1.0
M895371		7.37	<0.005	0.22	6.74	9.2	2920	1.43	0.94	3.27	0.15	37.0	19.4	16	14.10	5.7
M895372		6.81	<0.005	0.06	6.75	6.9	3630	1.32	1.10	3.16	0.09	34.9	7.2	15	11.95	10.3
M895373		0.25	4.60	>100	5.47	7560	700	0.95	60.1	1.94	221	30.7	8.7	19	10.95	1225
M895374		8.07	<0.005	0.10	6.43	12.4	1710	1.24	0.40	3.37	0.14	31.6	8.7	19	8.57	4.4
M895375		4.04	<0.005	0.07	6.58	10.6	880	1.36	0.45	3.24	0.12	32.3	7.7	12	9.45	2.5
M895376		4.64	4.85	35.7	6.67	>10000	1820	1.16	27.1	2.02	30.3	39.6	9.8	13	12.20	1765
M895377		1.21	<0.005	0.02	0.11	<5	30	0.08	0.04	21.3	0.08	2.35	1.8	2	0.27	9.8
M895378		4.88	<0.005	0.02	7.03	11.7	1850	1.81	2.59	3.34	0.13	34.7	7.3	14	15.65	1.9
M895379		6.24	0.011	0.26	6.36	45.3	1260	1.16	0.68	3.74	0.74	33.9	8.0	20	9.68	14.5
M895380		4.02	<0.005	0.04	6.60	8.7	1380	1.29	0.28	2.91	0.08	33.5	7.5	18	8.83	3.6





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Account: ROCKHA

Project: Klaza - 74B

**CERTIFICATE OF ANALYSIS WH12159039**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895345		2.95	15.35	0.16	1.0	0.036	2.08	16.9	15.1	0.73	1160	0.90	1.62	8.2	2.5	620
M895346		2.92	15.85	0.17	1.0	0.038	1.73	17.6	19.5	0.77	1340	0.95	1.66	8.4	2.6	630
M895347		4.30	25.8	0.20	1.3	0.098	2.48	19.0	28.4	0.90	2300	0.59	1.21	10.2	2.8	810
M895348		2.89	15.30	0.17	1.1	0.031	1.90	14.5	18.3	0.93	1240	0.69	1.42	8.5	2.4	640
M895349		4.16	28.0	0.20	1.1	0.069	2.84	16.3	44.5	0.65	1270	1.33	0.94	9.8	2.7	800
M895350		3.37	16.15	0.19	0.9	0.045	2.41	16.1	15.2	0.82	1370	1.09	1.45	8.4	2.6	690
M895351		3.09	15.35	0.18	0.9	0.040	2.03	17.6	17.0	0.81	1180	1.24	1.82	8.0	2.6	670
M895352		2.96	14.95	0.17	0.9	0.033	1.66	14.2	15.8	0.64	1180	1.14	1.92	8.5	2.3	630
M895353		5.20	15.90	0.22	1.2	0.916	2.68	22.3	25.7	0.68	1980	13.20	0.25	7.6	14.8	510
M895354		3.06	15.95	0.17	1.1	0.039	1.96	15.6	37.7	0.85	1320	1.27	0.96	8.5	2.4	600
M895355		3.00	17.55	0.18	1.2	0.050	2.41	15.7	24.9	0.73	1360	0.98	0.59	7.9	2.2	600
M895356		3.18	17.50	0.20	1.2	0.042	2.54	18.1	26.3	0.84	1480	1.05	0.65	8.7	2.4	670
M895357		3.08	14.75	0.18	1.1	0.031	2.17	14.6	24.5	1.10	1530	1.33	0.79	7.6	2.5	620
M895358		3.59	16.35	0.20	1.2	0.045	2.24	16.7	20.7	0.79	1380	0.49	0.99	8.0	2.3	650
M895359		3.45	16.80	0.19	1.2	0.054	2.11	16.8	19.4	0.79	1600	0.83	1.21	7.9	2.2	650
M895360		3.00	16.35	0.19	1.2	0.051	1.90	15.6	49.0	0.59	929	0.59	0.27	8.0	2.3	630
M895361		0.46	0.35	0.15	<0.1	0.005	0.03	0.7	1.1	12.55	204	0.15	0.01	0.5	2.0	180
M895362		3.05	16.55	0.21	1.2	0.045	2.26	16.3	33.2	0.68	1120	0.66	0.64	8.6	2.2	650
M895363		3.09	16.60	0.20	1.1	0.042	2.31	13.7	16.8	0.51	1080	0.76	1.43	7.6	2.1	610
M895364		3.06	15.45	0.17	1.1	0.040	2.37	14.1	33.0	0.61	1400	0.36	0.60	7.3	2.2	600
M895365		3.10	17.40	0.19	1.2	0.089	2.56	22.0	44.5	0.81	1290	0.43	0.46	7.9	2.7	630
M895366		3.54	15.10	0.21	1.1	0.039	2.45	24.7	43.0	0.96	1880	0.59	0.57	7.4	3.1	620
M895367		3.24	15.05	0.20	1.1	0.030	2.36	24.4	41.8	0.95	1470	0.47	0.56	7.5	3.5	590
M895368		3.31	19.00	0.06	0.9	0.072	2.76	22.9	27.1	0.69	1260	0.99	0.50	8.5	3.0	650
M895369		2.94	18.50	0.18	1.2	0.068	2.86	15.8	24.6	0.60	1180	0.54	0.44	8.2	2.3	680
M895370		2.94	19.80	0.19	1.2	0.074	2.89	15.2	24.5	0.58	1180	1.00	0.44	8.7	2.6	670
M895371		3.16	18.30	0.20	1.0	0.058	2.84	19.3	24.6	0.78	1280	2.12	0.20	7.1	2.3	610
M895372		3.08	16.60	0.20	1.2	0.037	2.17	17.2	20.6	0.55	985	0.89	1.47	7.6	2.4	620
M895373		8.07	13.45	0.25	1.0	4.60	2.19	15.5	29.0	0.61	3010	15.35	0.08	5.4	12.3	460
M895374		3.16	16.65	0.16	1.1	0.043	2.16	15.0	37.4	0.81	1080	0.99	1.36	7.7	2.5	630
M895375		3.08	17.30	0.19	1.0	0.039	2.20	15.1	42.7	0.71	1260	0.51	0.98	8.0	2.1	650
M895376		6.97	15.45	0.25	1.1	0.930	2.71	20.2	19.2	0.72	2080	1.30	0.07	7.3	2.3	590
M895377		0.48	0.39	<0.05	<0.1	0.009	0.04	1.2	1.6	12.70	224	0.13	0.01	0.3	<0.2	190
M895378		3.19	18.65	0.20	1.3	0.123	2.06	16.7	34.6	0.76	1330	0.76	1.47	7.8	2.0	610
M895379		2.97	15.90	0.19	1.3	0.052	2.49	16.8	25.6	0.97	1260	1.08	0.74	7.5	2.4	610
M895380		2.95	15.30	0.18	1.4	0.030	2.19	16.5	26.1	0.64	1000	1.07	1.66	8.0	2.3	610



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Project: Klaza - 74B

**CERTIFICATE OF ANALYSIS WH12159039**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M895345		49.5	75.4	<0.002	0.05	2.85	10.6	1	1.9	223	0.61	<0.05	9.3	0.272	0.91	3.3
M895346		22.8	66.3	<0.002	0.06	5.64	11.5	1	2.3	263	0.63	<0.05	10.4	0.279	0.86	2.8
M895347		80.3	84.3	<0.002	0.23	14.30	12.5	1	2.2	517	0.77	<0.05	10.1	0.346	1.50	3.9
M895348		15.5	59.2	<0.002	0.09	3.90	10.5	1	1.7	232	0.68	<0.05	7.8	0.276	0.86	2.3
M895349		29.3	103.5	<0.002	0.04	27.8	12.2	1	1.9	319	0.75	<0.05	9.9	0.346	1.80	3.5
M895350		15.4	98.9	<0.002	0.04	3.78	11.4	1	1.5	229	0.59	<0.05	9.8	0.295	1.31	3.1
M895351		15.3	78.4	<0.002	0.10	3.79	10.8	1	1.4	303	0.57	<0.05	10.0	0.281	1.05	2.6
M895352		16.8	55.7	<0.002	0.05	2.97	10.6	1	1.4	323	0.59	<0.05	8.4	0.278	0.78	2.5
M895353		1285	156.5	0.002	3.14	32.1	9.0	1	5.8	146.5	0.58	0.27	11.5	0.205	2.18	4.6
M895354		19.0	66.8	<0.002	0.12	5.22	10.1	1	1.4	283	0.62	<0.05	9.0	0.271	1.08	2.9
M895355		15.5	84.4	<0.002	0.07	4.80	10.1	1	2.5	298	0.63	<0.05	8.2	0.273	1.27	2.7
M895356		13.9	92.0	<0.002	0.08	4.55	11.9	1	1.9	286	0.65	<0.05	10.0	0.293	1.25	3.2
M895357		16.9	68.8	<0.002	0.06	4.13	9.6	1	1.7	268	0.59	<0.05	8.5	0.266	1.10	2.5
M895358		27.7	88.9	<0.002	0.10	3.98	11.5	1	1.8	271	0.63	<0.05	10.2	0.286	1.21	3.0
M895359		33.2	85.9	<0.002	0.13	3.57	11.1	1	1.9	284	0.61	<0.05	10.1	0.277	1.19	3.0
M895360		195.0	66.4	<0.002	0.15	11.70	10.7	1	1.6	209	0.65	<0.05	10.0	0.273	1.09	1.9
M895361		1.2	1.7	<0.002	0.01	<0.05	0.3	<1	<0.2	39.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M895362		10.5	78.8	<0.002	0.03	5.81	10.8	1	1.8	218	0.67	0.06	10.7	0.286	1.07	2.2
M895363		9.7	85.6	<0.002	0.10	3.59	10.5	1	1.5	289	0.55	<0.05	8.2	0.274	1.05	2.4
M895364		10.8	87.5	<0.002	0.18	4.81	9.7	1	3.8	257	0.58	<0.05	9.1	0.260	1.38	2.0
M895365		10.5	106.5	<0.002	0.08	4.34	11.6	1	2.3	240	0.68	<0.05	11.8	0.275	1.56	2.7
M895366		10.9	106.0	<0.002	0.13	4.22	11.5	1	1.6	221	0.60	<0.05	14.5	0.269	1.54	3.3
M895367		12.9	99.0	<0.002	0.13	4.07	11.0	1	2.9	231	0.64	<0.05	11.7	0.263	1.48	3.1
M895368		14.0	107.0	<0.002	0.06	4.40	10.9	1	1.8	218	0.61	<0.05	11.7	0.281	1.47	2.1
M895369		23.2	111.0	<0.002	0.08	3.25	12.0	1	1.8	153.0	0.59	<0.05	8.7	0.295	1.39	2.0
M895370		22.7	107.5	<0.002	0.08	3.30	11.6	1	1.9	153.5	0.60	<0.05	8.3	0.298	1.39	1.9
M895371		20.3	126.0	<0.002	0.21	4.30	11.2	1	2.5	167.0	0.53	<0.05	9.5	0.258	1.49	2.6
M895372		11.4	83.9	<0.002	0.09	4.82	11.2	1	1.6	272	0.60	<0.05	10.4	0.261	0.97	2.7
M895373		9130	127.0	0.002	7.18	215	6.9	2	8.3	114.0	0.41	0.46	8.2	0.180	1.95	4.6
M895374		13.1	71.0	<0.002	0.11	2.92	10.9	1	1.7	242	0.59	<0.05	8.6	0.273	1.14	2.5
M895375		14.3	70.9	<0.002	0.08	3.10	11.3	1	1.8	222	0.57	<0.05	8.4	0.281	1.16	2.3
M895376		1540	163.5	<0.002	5.29	259	11.1	1	9.0	128.5	0.54	<0.05	11.7	0.254	1.79	5.7
M895377		1.7	2.4	0.002	0.01	0.14	0.7	<1	<0.2	45.2	<0.05	<0.05	0.3	<0.005	0.02	0.4
M895378		15.1	92.1	<0.002	0.04	9.78	10.2	1	1.7	310	0.59	<0.05	9.6	0.263	1.25	3.2
M895379		36.5	100.0	<0.002	0.12	3.99	10.2	1	1.9	188.5	0.59	<0.05	9.4	0.258	1.42	3.2
M895380		10.7	85.9	<0.002	0.05	2.53	10.6	1	1.4	257	0.66	<0.05	10.0	0.261	1.12	3.6



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Project: Klaza - 74B

**CERTIFICATE OF ANALYSIS WH12159039**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M895345		74	1.5	10.4	166	26.0		
M895346		72	2.2	11.5	186	26.7		
M895347		137	3.2	15.8	250	32.6		
M895348		72	1.8	10.2	119	27.3		
M895349		142	2.4	11.7	151	28.9		
M895350		83	2.0	10.0	163	25.7		
M895351		76	1.3	10.2	121	23.9		
M895352		75	3.3	9.8	169	24.7		
M895353		55	5.2	11.0	2940	40.1		
M895354		74	1.9	11.0	101	27.7		
M895355		85	2.4	10.0	144	29.7		
M895356		79	2.4	11.3	156	33.0		
M895357		69	2.2	9.9	178	28.1		
M895358		80	1.8	11.7	139	32.1		
M895359		75	1.6	11.3	143	31.1		
M895360		71	1.7	10.3	81	30.5		
M895361		3	0.1	0.9	13	<0.5		
M895362		74	1.5	10.7	75	33.9		
M895363		84	1.3	9.2	74	28.6		
M895364		73	1.4	9.9	75	28.1		
M895365		87	1.4	11.6	90	32.5		
M895366		73	1.5	12.8	113	29.6		
M895367		74	1.3	12.0	98	29.5		
M895368		97	1.4	10.4	104	24.2		
M895369		83	1.3	8.7	90	30.2		
M895370		85	1.3	8.4	91	32.0		
M895371		93	1.2	9.8	75	26.2		
M895372		72	1.1	9.5	74	31.7		
M895373		51	4.5	8.3	>10000	30.3	120	1.590
M895374		77	1.3	9.2	99	29.7		
M895375		80	1.6	9.9	116	27.6		
M895376		72	2.1	12.1	2750	29.9		
M895377		3	0.4	1.1	17	0.5		
M895378		92	2.1	10.0	156	38.1		
M895379		76	1.7	10.7	162	39.6		
M895380		74	1.5	8.3	92	43.2		



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Project: Klaza - 74B

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**CERTIFICATE OF ANALYSIS WH12159039**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12159050**

Project: Klaza - 74B

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 3-AUG-2012  
Account: ROCKHA

Project: Klaza - 74B

**CERTIFICATE OF ANALYSIS WH12159050**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895381		3.32	<0.005	0.11	6.65	5.9	1110	1.33	0.11	3.58	0.13	40.7	8.3	12	18.00	5.9
M895382		4.59	<0.005	0.19	6.69	6.2	1180	1.39	0.26	2.96	0.38	37.1	8.1	12	10.75	4.1
M895383		7.89	<0.005	0.06	6.59	3.0	1910	1.37	0.09	3.20	0.07	36.8	9.6	17	10.05	4.7
M895384		6.84	0.018	0.44	7.16	39.5	1210	1.57	0.21	2.87	1.72	40.1	8.1	13	11.20	8.8
M895385		6.72	<0.005	0.07	6.95	2.3	1510	1.49	0.16	3.19	0.08	40.9	8.4	17	7.65	7.5
M895386		8.74	<0.005	0.05	6.90	3.3	1130	1.38	0.56	3.11	0.11	37.4	8.3	14	7.38	2.4
M895387		0.24	0.792	9.67	6.84	1800	740	1.47	6.03	1.93	41.4	42.5	18.4	20	15.50	107.0
M895388		9.09	<0.005	0.10	6.99	5.5	2860	1.48	0.12	3.36	0.12	37.0	8.1	15	7.87	7.0
M895389		8.05	<0.005	0.09	6.95	6.7	1290	1.48	0.14	3.14	0.12	38.4	9.1	12	7.94	11.0
M895390		4.92	<0.005	0.08	7.08	3.2	1660	1.50	0.11	3.15	0.14	38.7	9.3	18	7.62	10.6
M895391		6.27	<0.005	0.10	7.33	4.5	1270	1.51	0.16	3.03	1.37	39.0	9.7	12	7.97	14.4
M895392		9.49	<0.005	0.08	6.97	3.4	1340	1.35	0.53	3.12	0.12	39.4	8.2	14	8.47	11.1
M895393		6.22	<0.005	0.06	6.37	4.5	4450	1.28	1.02	3.08	0.18	33.9	8.1	14	10.20	11.0
M895394		2.67	<0.005	0.01	0.07	<5	20	0.07	0.03	21.5	0.05	0.97	0.7	1	0.12	1.8
M895395		8.60	<0.005	0.08	6.94	3.3	1790	1.20	0.54	3.08	0.16	43.8	8.2	11	8.74	5.8
M895396		6.38	<0.005	0.10	7.34	3.4	2110	1.46	0.33	3.39	0.11	40.4	8.3	11	9.42	5.9
M895397		5.19	<0.005	0.12	7.39	2.6	2970	1.18	0.20	3.16	0.08	45.3	8.9	11	9.18	13.5
M895398		6.06	<0.005	0.09	7.43	2.8	2040	1.33	0.15	3.54	0.07	47.7	9.4	12	10.55	12.6
M895399		6.38	<0.005	0.07	7.42	1.9	2240	1.27	0.15	3.66	0.08	45.4	9.5	16	10.45	11.4
M895400		6.89	<0.005	0.06	7.40	1.8	2680	1.29	0.12	3.82	0.08	48.0	9.5	16	7.38	12.3
M895401		<0.02	<0.005	0.08	6.77	1.6	2400	1.18	0.12	3.59	0.08	39.7	8.6	14	6.47	10.7
M895402		6.40	<0.005	0.07	7.19	1.9	4190	1.19	0.16	3.71	0.11	48.5	9.0	12	7.81	10.3
M895403		4.65	<0.005	0.05	7.33	3.3	1680	1.27	0.59	3.40	0.14	46.4	9.2	17	6.80	7.7
M895404		5.23	<0.005	0.04	7.72	6.6	1970	1.86	4.59	6.01	0.37	40.4	7.2	10	15.65	5.3
M895405		1.64	<0.005	0.02	0.06	<5	30	0.07	0.04	21.4	0.05	1.00	0.7	<1	0.09	2.2
M895406		8.30	3.75	0.05	7.37	3.6	1920	1.33	1.24	4.11	0.16	46.2	8.3	13	8.31	3.7
M895407		5.15	<0.005	0.22	7.48	2.9	1150	1.32	0.36	3.26	0.10	43.3	9.8	18	6.68	27.2
M895408		4.85	<0.005	0.12	7.42	4.3	1480	1.60	2.51	3.67	0.22	50.1	9.3	15	9.85	15.4
M895409		5.93	<0.005	0.10	7.43	3.5	1650	1.29	1.52	3.24	0.17	40.7	9.7	18	6.60	3.1
M895410		3.46	<0.005	0.30	6.75	4.6	2920	1.27	1.47	3.77	0.25	37.3	8.5	11	12.15	37.5
M895411		6.35	<0.005	0.16	6.91	4.4	1880	1.39	0.84	3.45	0.12	41.0	9.2	14	7.36	36.5
M895412		8.24	<0.005	0.10	7.50	3.1	1570	1.29	0.81	2.70	0.10	43.4	9.3	14	6.84	1.8
M895413		4.89	<0.005	0.05	3.18	2.9	1940	0.65	1.45	0.97	0.05	19.00	3.3	32	5.32	0.8
M895414		3.72	<0.005	0.07	3.55	3.7	1430	0.76	1.85	1.03	0.11	16.25	3.0	22	5.20	1.0
M895415		0.24	0.755	9.50	6.90	1795	760	1.63	5.97	1.94	42.4	44.7	18.7	20	15.80	110.0
M895416		3.87	<0.005	0.13	4.03	4.2	1560	0.88	1.35	1.39	0.26	21.7	4.0	21	10.95	0.9



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Plus Appendix Pages  
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Project: Klaza - 74B

**CERTIFICATE OF ANALYSIS WH12159050**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895381		3.09	15.20	0.13	1.1	0.038	2.16	20.2	19.6	0.82	887	0.45	1.67	6.6	2.8	590
M895382		3.19	14.95	0.13	1.0	0.043	2.18	17.7	20.5	0.92	959	0.44	1.70	6.7	2.7	600
M895383		3.30	15.55	0.14	1.1	0.030	2.11	16.0	21.1	0.91	841	0.51	2.14	7.2	4.8	630
M895384		3.39	15.20	0.19	1.0	0.064	2.18	20.0	26.1	0.86	905	0.72	1.71	7.9	2.2	600
M895385		3.02	15.30	0.18	1.0	0.036	2.11	20.1	14.7	0.86	764	1.85	1.91	7.9	2.4	590
M895386		2.92	14.85	0.08	1.1	0.033	2.21	17.3	13.4	0.81	982	0.59	1.87	7.1	2.7	590
M895387		5.42	14.55	0.10	1.4	0.871	2.88	21.0	25.2	0.71	2000	11.95	0.27	7.6	15.7	520
M895388		2.96	15.10	0.09	1.1	0.044	2.14	17.2	11.2	0.85	758	0.87	2.00	7.7	2.7	600
M895389		3.17	14.90	0.09	1.1	0.035	2.01	16.3	15.1	0.81	845	1.30	1.98	8.0	2.9	640
M895390		3.17	14.90	0.09	1.0	0.040	2.02	17.4	14.9	0.80	827	1.37	2.10	8.0	2.9	640
M895391		3.20	15.30	0.09	1.3	0.112	2.11	17.4	21.1	0.87	972	0.71	1.79	8.2	3.0	650
M895392		2.95	15.25	0.09	1.1	0.048	2.33	17.6	17.0	0.67	1000	0.78	1.56	7.8	2.8	630
M895393		2.77	14.10	0.09	0.9	0.051	2.28	16.2	18.5	1.00	1200	0.72	1.10	6.7	2.6	590
M895394		0.49	0.17	0.09	<0.1	<0.005	0.02	0.5	1.0	13.40	224	0.16	0.01	0.1	1.8	180
M895395		2.85	15.00	0.13	1.1	0.046	2.37	20.5	13.4	0.80	1130	0.47	1.38	7.2	2.7	570
M895396		2.93	15.45	0.12	1.2	0.039	2.48	18.3	16.0	0.83	1050	0.44	1.66	7.9	2.8	630
M895397		3.17	14.50	0.11	1.2	0.039	2.21	22.0	15.5	0.89	919	0.43	1.70	8.1	2.9	670
M895398		3.19	15.35	0.09	1.1	0.035	2.36	23.4	12.8	0.88	835	0.59	1.62	7.8	2.9	640
M895399		3.24	15.00	0.08	1.1	0.033	2.30	21.7	15.2	0.85	828	1.59	1.46	7.8	3.0	660
M895400		3.19	14.40	0.10	1.1	0.030	2.09	23.2	12.3	0.88	843	0.97	1.85	7.8	3.0	630
M895401		3.04	13.10	0.10	1.1	0.027	1.95	19.0	11.2	0.82	804	0.64	1.77	7.2	2.7	610
M895402		3.00	14.60	0.11	1.2	0.039	2.21	23.5	12.3	0.85	931	0.60	1.62	8.0	3.0	640
M895403		3.12	15.20	0.09	1.1	0.031	2.35	21.7	12.1	0.84	1180	0.81	1.56	7.8	2.9	650
M895404		3.73	22.3	0.08	1.2	0.076	2.41	17.2	21.7	0.65	1970	0.42	0.80	7.7	2.3	600
M895405		0.48	0.16	0.09	<0.1	0.006	0.03	0.5	0.9	13.20	216	0.11	0.01	0.1	1.7	170
M895406		3.16	15.45	0.13	1.2	0.038	2.04	22.1	15.5	0.83	1430	0.66	1.60	7.7	2.7	600
M895407		3.18	15.25	0.10	1.4	0.037	2.19	19.1	14.9	0.90	1130	0.87	1.89	8.1	3.1	660
M895408		3.19	16.60	0.12	1.2	0.048	1.92	24.6	12.8	0.90	1690	0.83	1.69	7.7	3.1	610
M895409		3.02	15.35	0.09	1.1	0.041	2.30	18.6	13.1	0.79	1640	1.04	1.80	8.0	3.1	630
M895410		2.73	14.50	0.08	1.0	0.055	2.32	17.0	16.9	0.52	1860	0.62	0.93	7.2	2.7	620
M895411		2.90	14.40	0.09	1.0	0.046	2.22	18.9	13.5	0.61	1780	0.81	1.33	7.6	2.9	620
M895412		3.19	14.80	0.09	1.0	0.055	2.06	19.7	14.8	0.64	1770	0.66	1.77	7.7	3.2	680
M895413		1.89	9.40	0.06	0.6	0.180	1.01	10.2	12.4	0.29	756	2.04	0.16	3.3	1.6	280
M895414		2.08	10.15	0.06	0.3	0.068	1.10	8.8	15.1	0.28	775	1.45	0.16	2.7	2.0	240
M895415		5.45	14.65	0.11	1.3	0.872	2.92	21.6	25.8	0.71	2010	12.05	0.27	7.6	16.0	510
M895416		2.20	12.30	0.06	0.6	0.118	1.41	11.6	14.7	0.27	802	1.30	0.13	3.5	2.0	290



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 Plus Appendix Pages  
 Finalized Date: 3-AUG-2012  
 Account: ROCKHA

Project: Klaza - 74B

**CERTIFICATE OF ANALYSIS WH12159050**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M895381		16.6	76.3	0.002	0.04	2.43	10.3	<1	1.5	331	0.54	<0.05	8.8	0.272	2.5
M895382		43.0	76.0	<0.002	0.11	2.43	10.7	<1	1.9	315	0.55	<0.05	8.9	0.276	2.8
M895383		13.8	70.9	<0.002	0.06	1.97	10.5	<1	1.7	327	0.64	<0.05	7.8	0.285	2.8
M895384		83.6	97.9	<0.002	0.49	3.41	11.0	1	2.7	278	0.63	<0.05	9.6	0.279	2.9
M895385		11.5	78.1	<0.002	0.03	2.10	10.7	1	1.7	277	0.59	<0.05	10.0	0.271	3.0
M895386		17.9	84.5	<0.002	0.02	1.71	10.3	1	1.4	280	0.66	<0.05	10.6	0.254	3.3
M895387		1350	157.5	0.002	3.07	33.2	9.3	<1	5.7	151.5	0.63	0.26	11.4	0.211	5.2
M895388		10.7	78.2	<0.002	0.08	1.77	10.7	<1	1.6	318	0.63	<0.05	9.5	0.265	3.2
M895389		12.9	67.0	<0.002	0.03	2.41	11.0	1	1.7	311	0.74	<0.05	8.7	0.282	3.4
M895390		11.7	64.4	<0.002	0.04	2.08	11.0	1	1.6	315	0.71	<0.05	9.9	0.280	3.4
M895391		48.6	67.8	<0.002	0.05	3.10	11.3	<1	2.1	320	0.73	<0.05	9.8	0.285	3.7
M895392		14.0	86.2	<0.002	0.03	2.57	11.3	1	1.5	260	0.60	<0.05	9.6	0.274	3.0
M895393		15.3	73.3	<0.002	0.12	2.51	10.1	1	1.3	298	0.54	<0.05	7.8	0.255	2.0
M895394		1.1	0.9	0.002	0.01	0.06	0.2	<1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.6
M895395		19.8	90.4	0.002	0.02	1.90	10.7	1	1.3	210	0.65	<0.05	11.5	0.251	3.3
M895396		24.4	91.4	<0.002	0.03	2.07	11.7	<1	1.4	242	0.68	<0.05	11.1	0.280	3.5
M895397		32.3	81.5	0.002	0.06	3.30	12.7	<1	1.4	277	0.64	<0.05	11.1	0.294	3.3
M895398		41.9	91.7	<0.002	0.06	3.17	11.9	1	1.3	262	0.64	<0.05	11.3	0.276	3.5
M895399		62.4	79.9	<0.002	0.05	1.77	12.1	<1	1.4	257	0.62	<0.05	11.6	0.286	3.8
M895400		37.2	81.6	<0.002	0.05	1.96	12.2	1	1.4	280	0.66	<0.05	12.4	0.280	3.6
M895401		35.1	65.1	<0.002	0.05	1.62	10.7	<1	1.2	262	0.62	<0.05	10.8	0.264	3.0
M895402		35.0	81.5	<0.002	0.09	1.78	11.9	1	1.4	311	0.71	<0.05	12.3	0.276	5.1
M895403		17.5	82.2	<0.002	0.02	1.20	11.7	<1	1.5	242	0.63	<0.05	11.9	0.279	3.6
M895404		42.1	75.3	<0.002	0.03	11.65	10.3	1	2.1	504	0.62	<0.05	10.4	0.264	3.6
M895405		1.2	0.8	0.002	0.01	0.07	0.2	<1	<0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.6
M895406		21.3	81.3	0.002	0.03	4.03	11.5	<1	1.5	356	0.67	<0.05	12.5	0.264	3.9
M895407		15.3	77.6	<0.002	0.01	1.68	12.0	1	1.6	280	0.72	<0.05	11.4	0.290	3.8
M895408		24.7	88.6	<0.002	0.02	5.50	12.2	<1	1.5	335	0.62	<0.05	14.7	0.266	4.5
M895409		16.9	85.4	<0.002	0.03	2.25	11.9	1	1.4	216	0.66	<0.05	12.1	0.275	3.9
M895410		15.1	82.4	<0.002	0.06	10.30	10.9	<1	2.4	217	0.59	<0.05	9.4	0.266	2.2
M895411		18.1	84.3	<0.002	0.04	9.98	11.4	1	1.4	245	0.61	<0.05	9.9	0.265	3.2
M895412		14.1	83.8	<0.002	0.02	3.54	11.8	1	1.3	229	0.62	<0.05	11.1	0.289	2.5
M895413		8.8	51.8	<0.002	0.02	7.24	4.3	<1	0.9	115.0	0.24	<0.05	5.3	0.118	1.2
M895414		7.4	58.2	0.002	0.01	9.49	3.8	1	0.7	111.0	0.21	<0.05	4.4	0.101	1.1
M895415		1360	160.5	<0.002	3.07	33.5	9.3	1	5.6	154.5	0.63	0.26	11.5	0.214	5.1
M895416		13.9	85.8	<0.002	0.01	8.34	5.8	<1	1.1	121.5	0.29	<0.05	5.9	0.126	1.5





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 Finalized Date: 3-AUG-2012  
 Account: ROCKHA

Project: Klaza - 74B

**CERTIFICATE OF ANALYSIS WH12159050**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895381		82	1.6	8.3	65	22.9
M895382		80	1.6	8.6	98	20.4
M895383		82	1.7	8.5	64	23.5
M895384		79	1.9	9.7	213	27.3
M895385		78	1.8	9.4	65	28.0
M895386		78	1.6	8.8	111	22.8
M895387		58	5.3	10.9	3080	36.9
M895388		76	1.7	9.8	64	24.9
M895389		79	1.9	8.8	74	25.4
M895390		79	1.9	9.2	74	23.3
M895391		77	2.1	9.5	145	28.1
M895392		77	2.3	9.3	109	25.8
M895393		69	1.9	8.7	145	19.1
M895394		1	0.1	0.7	14	<0.5
M895395		72	1.6	10.0	160	24.6
M895396		75	1.2	10.8	136	27.7
M895397		76	1.2	10.5	128	27.0
M895398		78	1.3	10.6	106	25.8
M895399		79	1.9	10.5	96	24.6
M895400		76	1.6	10.7	92	26.8
M895401		71	1.5	10.1	89	24.7
M895402		76	1.6	11.6	97	29.7
M895403		79	1.6	10.7	169	24.9
M895404		130	1.8	12.5	198	26.1
M895405		2	0.1	0.7	16	<0.5
M895406		87	1.5	12.3	134	27.9
M895407		81	1.7	11.4	124	31.7
M895408		82	1.8	14.8	225	26.5
M895409		75	2.6	11.5	229	26.7
M895410		76	2.1	10.2	196	23.4
M895411		70	2.0	10.6	205	24.5
M895412		74	2.2	9.9	163	22.9
M895413		59	1.1	3.6	47	8.7
M895414		61	0.9	3.2	39	7.8
M895415		58	5.3	10.8	3120	37.0
M895416		78	1.1	4.4	53	15.9



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Project: Klaza - 74B

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Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12159050**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12159051**

Project: Klaza - 79

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 7-AUG-2012  
Account: ROCKHA

Project: Klaza - 79

**CERTIFICATE OF ANALYSIS WH12159051**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M897523		1.66	0.043	1.54	6.18	10.9	920	1.18	3.79	1.12	0.22	65.9	2.4	11	8.24	20.2
M897524		1.72	0.132	2.36	6.98	96.9	920	1.35	3.14	1.30	3.73	40.1	6.3	6	23.6	217
M897525		3.30	<0.005	0.02	0.18	<5	30	0.06	0.02	21.0	0.08	1.57	1.6	4	0.78	2.1
M897526		1.55	0.009	0.47	8.64	25.1	1070	1.43	1.53	1.98	0.30	44.6	5.0	12	13.75	1.6
M897527		1.88	0.007	0.21	7.01	16.2	1850	1.69	1.75	2.30	0.60	44.4	6.7	8	8.80	8.6
M897528		4.43	<0.005	0.18	7.37	17.8	2030	1.58	3.21	2.29	0.15	46.2	8.5	13	12.00	40.6
M897529		1.69	0.809	8.73	6.75	1835	2210	1.34	4.56	3.52	12.10	48.0	8.7	8	14.60	68.4
M897530		2.09	0.017	0.16	7.10	22.2	1850	1.50	1.59	1.75	0.16	43.6	6.5	10	13.70	14.9
M897531		0.86	0.026	0.31	7.31	42.4	2460	1.52	1.85	2.37	0.30	44.3	7.7	10	13.25	17.2
M897532		2.61	<0.005	0.24	7.48	13.0	2080	1.71	2.85	2.21	0.22	46.0	8.2	12	15.85	44.9
M897533		1.65	0.488	1.09	5.53	448	1500	1.52	0.98	2.08	2.49	40.9	6.4	9	14.75	9.1
M897534		5.07	0.005	0.19	7.53	30.2	2310	1.38	3.81	1.58	0.42	44.6	7.5	13	19.95	12.7
M897535		0.23	2.30	24.0	6.08	3380	1450	1.36	19.95	2.20	78.3	46.5	10.8	19	14.55	453
M897536		1.55	0.036	0.36	7.02	66.5	1100	1.70	3.88	3.01	0.52	53.1	7.5	10	17.30	11.2
M897537		4.78	<0.005	0.08	7.94	20.4	2310	1.67	2.70	2.40	0.12	46.5	9.1	11	14.75	33.0
M897538		3.43	<0.005	0.15	7.67	23.9	2190	1.55	1.06	2.74	0.10	48.7	9.5	21	9.25	32.5
M897539		4.73	<0.005	0.10	7.86	10.7	2130	1.71	0.59	2.61	0.11	51.5	7.8	12	10.55	15.8
M897540		1.99	1.240	>100	6.59	2490	770	1.41	1.38	1.29	73.8	47.9	7.9	14	23.0	156.5
M897541		0.23	4.64	>100	5.58	7910	1170	1.11	60.5	1.96	225	34.7	8.6	18	11.15	1315
M897542		1.99	<0.005	>100	0.90	>10000	200	0.47	0.66	4.22	587	7.56	2.3	12	2.47	1580
M897543		2.86	0.005	0.50	0.08	10	20	0.05	0.06	20.8	0.27	1.02	2.0	3	0.13	1.9
M897544		1.88	0.480	15.25	8.03	644	1810	1.45	0.44	1.96	6.65	47.6	5.7	12	20.4	45.7
M897545		3.72	<0.005	0.19	7.07	10.9	2080	1.59	0.44	2.95	0.14	39.9	7.2	11	12.40	10.8
M897546		4.49	0.007	0.58	7.33	19.4	1870	1.42	0.60	2.18	0.34	46.0	7.7	13	13.95	14.1
M897547		1.99	0.024	0.18	7.26	23.3	2230	1.40	0.65	3.49	0.09	46.9	2.8	7	18.35	5.6
M897548		5.50	<0.005	0.25	7.47	10.2	2260	1.68	0.64	2.19	0.15	49.5	4.7	14	9.92	3.2
M897549		<0.02	<0.005	0.14	7.58	9.6	2400	1.71	0.66	2.33	0.11	46.6	4.9	13	9.91	3.7
M897550		4.14	<0.005	0.20	7.69	9.4	2040	1.69	0.72	2.49	0.13	50.8	4.3	14	9.17	4.6
M897251		2.01	<0.005	0.13	7.55	10.1	2520	1.59	0.79	2.55	0.09	42.8	3.3	9	8.37	3.6
M897252		3.21	<0.005	0.16	7.29	9.7	2000	1.60	0.53	2.19	0.11	47.3	6.0	11	9.03	3.6
M897253		4.04	0.005	0.25	7.49	16.7	2270	1.58	0.74	2.29	0.18	46.2	5.5	13	10.90	21.0
M897254		1.46	0.018	0.24	6.91	70.4	1900	1.51	0.68	2.38	0.28	43.3	5.5	8	15.65	6.1
M897255		5.08	<0.005	0.10	7.25	10.1	2150	1.60	0.89	2.59	0.11	45.4	7.8	17	10.30	8.5
M897256		4.88	<0.005	0.10	7.62	7.4	2260	1.67	0.43	2.33	0.08	48.9	5.8	14	9.23	5.5
M897257		4.03	<0.005	0.16	6.88	8.8	1850	1.46	0.67	2.13	0.07	43.0	3.0	9	7.96	<0.2
M897258		5.18	<0.005	0.20	7.20	12.1	2160	1.57	0.90	2.36	0.19	43.9	6.3	12	12.05	12.7



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Plus Appendix Pages  
Finalized Date: 7-AUG-2012  
Account: ROCKHA

Project: Klaza - 79

**CERTIFICATE OF ANALYSIS WH12159051**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897523		2.29	13.60	0.11	2.1	0.272	2.79	38.6	25.6	0.37	1200	7.30	0.06	5.7	2.0	190
M897524		11.15	21.3	0.15	1.8	0.575	2.93	21.8	29.3	0.35	4950	73.1	0.06	6.5	4.6	280
M897525		0.49	0.64	0.13	<0.1	0.005	0.10	0.7	2.4	12.45	236	0.22	<0.01	0.3	3.0	190
M897526		5.21	22.9	0.14	1.4	0.252	2.85	21.0	18.3	0.42	2280	2.06	1.40	10.5	2.7	670
M897527		2.81	16.20	0.15	1.7	0.088	3.05	22.2	15.2	0.61	836	2.46	1.58	8.5	2.3	490
M897528		2.94	17.20	0.17	1.4	0.072	2.80	22.8	27.5	0.69	774	6.03	1.60	8.2	2.6	600
M897529		3.31	15.60	0.12	1.3	0.087	2.72	24.8	43.1	1.06	7480	2.20	0.08	7.4	2.7	520
M897530		3.20	17.05	0.14	1.4	0.091	3.04	21.2	28.1	0.61	959	2.42	0.70	8.5	2.6	580
M897531		3.55	17.85	0.15	1.4	0.118	3.07	22.1	26.6	0.71	1140	4.11	0.84	8.3	2.9	550
M897532		3.10	17.35	0.17	1.4	0.074	2.96	22.5	63.4	0.65	766	3.29	1.72	9.0	2.7	610
M897533		2.61	12.70	0.13	1.0	0.033	1.84	22.4	208	0.61	2720	2.36	0.04	5.9	2.7	390
M897534		2.85	17.55	0.13	1.5	0.051	2.30	21.9	81.6	0.54	1060	3.03	0.20	9.0	2.8	610
M897535		6.60	14.85	0.15	0.9	1.725	2.67	25.2	25.4	0.90	1920	14.90	0.04	6.4	15.6	450
M897536		2.75	15.90	0.16	1.3	0.063	2.78	28.7	170.5	1.03	2750	2.85	0.06	7.8	2.8	530
M897537		2.97	17.85	0.19	1.3	0.051	2.84	23.3	33.3	0.75	552	6.02	2.03	8.9	2.8	630
M897538		2.95	17.10	0.18	1.4	0.058	2.75	24.1	17.4	0.78	612	2.88	2.27	8.5	2.9	610
M897539		3.00	17.35	0.18	1.5	0.049	3.00	25.5	15.2	0.77	625	1.83	2.09	8.9	3.2	600
M897540		4.02	14.65	0.15	1.1	0.200	2.83	25.7	54.7	0.49	3460	10.55	0.11	7.0	3.1	500
M897541		8.12	13.05	0.13	1.0	4.45	2.32	17.8	31.9	0.62	3080	15.60	0.08	5.7	13.1	450
M897542		8.04	6.06	0.06	0.1	0.582	0.38	3.6	27.2	0.94	23000	30.2	0.01	0.9	1.3	50
M897543		0.61	0.21	0.17	<0.1	<0.005	0.03	0.5	1.0	12.40	211	0.18	0.01	0.2	2.2	220
M897544		2.95	15.70	0.20	1.6	0.045	3.08	25.8	49.1	0.58	1920	2.69	1.02	7.7	2.0	590
M897545		3.03	16.70	0.14	1.4	0.066	2.94	19.0	14.4	0.75	738	1.96	2.01	8.1	2.5	560
M897546		2.85	16.30	0.16	1.3	0.066	3.05	23.1	54.8	0.66	705	2.82	1.28	8.0	2.4	550
M897547		4.02	16.20	0.15	1.2	0.207	3.05	24.5	33.3	0.89	1770	0.62	0.76	7.9	2.4	540
M897548		2.94	16.20	0.16	1.4	0.072	2.83	24.4	18.8	0.80	715	1.40	2.02	8.2	2.6	570
M897549		3.09	16.40	0.15	1.4	0.070	2.88	22.4	19.6	0.84	761	1.40	2.08	8.5	2.5	600
M897550		3.14	16.70	0.18	1.5	0.088	2.86	24.9	18.9	0.83	834	1.74	2.12	8.6	2.7	560
M897251		3.41	16.90	0.18	1.3	0.166	3.12	20.6	16.8	0.81	1080	1.19	2.33	8.9	2.6	620
M897252		3.16	16.45	0.18	1.3	0.074	3.02	23.2	13.7	0.79	662	1.99	1.95	8.3	2.7	600
M897253		3.17	16.30	0.18	1.2	0.089	3.24	22.6	12.3	0.71	1170	1.86	1.84	8.6	2.6	590
M897254		2.61	15.75	0.16	1.2	0.056	3.11	21.5	150.5	0.73	1440	1.67	0.25	7.9	2.5	560
M897255		2.93	16.45	0.16	1.3	0.045	2.86	21.4	14.0	0.73	633	2.01	2.07	8.4	2.6	580
M897256		2.96	16.10	0.20	1.3	0.060	2.95	24.9	16.2	0.75	606	1.94	2.05	8.4	2.5	580
M897257		3.05	15.65	0.17	0.9	0.176	2.67	21.5	16.7	0.56	902	0.66	1.66	7.8	2.4	550
M897258		2.87	15.90	0.17	1.2	0.080	2.75	22.2	16.4	0.68	678	3.14	1.86	7.8	2.5	560



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**CERTIFICATE OF ANALYSIS WH12159051**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897523		46.3	175.0	<0.002	0.13	13.10	6.3	1	4.7	46.1	0.99	<0.05	29.0	0.090	2.29	9.1
M897524		169.0	157.5	<0.002	1.62	33.0	9.1	1	4.3	45.0	0.83	0.09	23.7	0.119	2.54	21.4
M897525		2.1	5.2	<0.002	0.02	0.18	0.5	1	<0.2	45.8	<0.05	<0.05	0.2	0.008	0.03	0.7
M897526		26.5	132.0	<0.002	0.40	9.72	13.3	1	4.4	110.0	0.84	0.05	11.8	0.290	2.31	8.4
M897527		40.7	125.5	<0.002	0.13	5.23	9.9	1	3.2	223	0.92	0.05	14.6	0.211	1.66	3.1
M897528		15.9	117.0	0.002	0.21	12.45	11.4	2	4.1	270	0.67	0.13	12.0	0.255	1.53	4.7
M897529		362	128.0	<0.002	0.95	77.2	10.7	1	3.2	125.0	0.63	0.05	11.6	0.216	2.35	8.3
M897530		13.3	122.5	<0.002	0.09	18.55	11.4	1	2.7	125.5	0.76	<0.05	12.7	0.247	1.92	8.8
M897531		16.6	120.0	<0.002	0.14	19.90	10.7	1	2.8	146.0	0.74	<0.05	12.2	0.244	2.02	5.3
M897532		17.6	116.5	<0.002	0.07	16.10	11.3	1	4.1	284	0.79	<0.05	12.5	0.260	1.65	3.6
M897533		65.0	96.3	<0.002	0.78	57.5	9.2	1	2.4	125.0	0.52	<0.05	11.2	0.175	1.65	11.6
M897534		14.3	95.7	<0.002	0.14	28.0	12.0	1	2.9	126.0	0.76	0.06	11.8	0.268	1.44	4.5
M897535		2790	167.5	<0.002	4.91	89.7	8.9	2	7.9	95.5	0.52	0.39	11.4	0.180	2.52	5.9
M897536		24.3	150.5	<0.002	0.54	31.1	11.1	1	2.5	153.0	0.68	0.06	14.0	0.224	2.34	10.1
M897537		15.5	121.0	<0.002	0.09	5.84	12.3	1	2.9	347	0.73	0.14	12.3	0.276	1.32	4.1
M897538		16.7	111.0	<0.002	0.12	2.17	11.3	1	2.7	363	0.69	0.12	12.1	0.254	1.25	4.2
M897539		17.8	120.5	<0.002	0.06	3.24	11.4	1	2.5	341	0.81	<0.05	13.7	0.258	1.42	5.0
M897540		3740	167.5	0.004	2.72	264	10.1	1	6.2	89.9	0.60	0.09	13.0	0.217	2.56	12.1
M897541		9570	134.5	0.002	7.24	220	7.5	2	8.6	125.0	0.46	0.46	9.5	0.185	2.27	6.2
M897542		>10000	22.1	0.009	7.47	3100	1.8	2	42.8	77.6	0.06	<0.05	2.2	0.026	0.77	99.4
M897543		20.5	1.2	<0.002	0.19	1.22	0.2	<1	0.2	43.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M897544		789	133.0	<0.002	0.43	62.0	9.9	1	3.3	229	0.69	0.05	12.4	0.251	1.85	4.5
M897545		17.9	112.0	<0.002	0.06	6.08	9.9	1	2.6	328	0.74	<0.05	10.7	0.249	1.59	4.3
M897546		35.9	129.5	<0.002	0.09	13.55	10.5	1	2.5	247	0.72	<0.05	13.6	0.238	1.60	4.4
M897547		12.0	132.5	<0.002	0.31	14.70	9.6	1	2.3	156.5	0.70	<0.05	12.5	0.236	2.22	5.7
M897548		22.4	104.5	<0.002	0.03	7.98	11.0	1	2.5	312	0.73	<0.05	13.2	0.237	1.29	3.0
M897549		18.2	99.3	<0.002	0.04	7.82	10.9	1	2.6	324	0.75	<0.05	12.6	0.245	1.39	3.0
M897550		17.6	108.0	<0.002	0.02	5.97	10.3	1	2.3	289	0.78	<0.05	14.1	0.245	1.40	4.1
M897251		13.3	109.0	<0.002	0.11	6.23	10.8	1	2.5	223	0.78	<0.05	12.0	0.259	1.62	3.3
M897252		17.4	112.5	<0.002	0.04	5.00	10.7	1	2.3	288	0.71	<0.05	12.5	0.248	1.48	3.6
M897253		23.5	127.5	<0.002	0.12	7.34	10.3	1	2.4	279	0.72	<0.05	12.3	0.247	1.64	3.7
M897254		18.8	107.5	<0.002	0.46	18.15	9.8	1	2.3	147.5	0.70	<0.05	11.9	0.238	2.02	5.5
M897255		17.5	102.0	<0.002	0.05	3.27	10.3	1	2.5	351	0.73	<0.05	11.5	0.249	1.36	3.8
M897256		16.7	120.0	<0.002	0.02	3.44	10.6	1	2.5	322	0.74	<0.05	13.5	0.249	1.32	3.9
M897257		10.8	110.0	<0.002	0.09	4.50	9.7	1	2.7	180.0	0.64	<0.05	10.9	0.230	1.55	5.1
M897258		20.4	108.0	<0.002	0.05	5.68	10.0	1	2.6	292	0.68	<0.05	11.9	0.236	1.40	3.9



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**CERTIFICATE OF ANALYSIS WH12159051**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M897523		35	2.8	17.0	52	48.0			
M897524		91	29.2	21.7	417	48.1			
M897525		5	0.1	1.1	19	<0.5			
M897526		82	7.3	10.7	120	38.1			
M897527		57	2.9	15.4	100	45.8			
M897528		69	2.5	16.6	50	41.8			
M897529		64	4.3	16.5	1140	37.1			
M897530		69	2.8	16.9	70	38.8			
M897531		72	3.0	17.6	88	37.4			
M897532		71	3.2	17.1	55	38.9			
M897533		53	4.3	12.9	200	29.5			
M897534		72	9.4	15.8	92	42.1			
M897535		57	5.4	11.3	5250	27.4			
M897536		63	5.2	16.9	70	36.2			
M897537		75	7.8	18.0	43	38.0			
M897538		71	4.8	18.2	42	39.8			
M897539		71	3.4	18.9	43	40.8			
M897540		63	4.1	12.2	4660	30.3	119		
M897541		53	4.6	10.2	>10000	32.2	115		1.595
M897542		20	1.6	5.8	>10000	5.4	1350	6.06	3.61
M897543		2	0.1	0.8	25	<0.5			
M897544		69	3.5	14.7	490	39.4			
M897545		68	4.2	15.4	49	37.7			
M897546		65	6.9	15.3	57	36.7			
M897547		61	10.7	17.7	71	33.9			
M897548		64	3.1	17.2	56	39.3			
M897549		67	3.6	16.7	57	38.9			
M897550		63	4.1	16.9	57	43.4			
M897251		65	3.8	15.5	69	34.7			
M897252		67	3.2	15.5	53	34.3			
M897253		67	3.4	15.9	61	31.1			
M897254		66	3.6	14.1	57	31.3			
M897255		70	4.4	16.1	43	34.2			
M897256		68	2.5	16.6	58	34.7			
M897257		62	3.8	14.0	67	26.2			
M897258		66	4.8	15.5	55	31.3			



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**CERTIFICATE OF ANALYSIS WH12159051**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12159052**

Project: Klaza - 79

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12159052**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897259		1.87	<0.005	0.55	7.08	25.4	1370	1.59	0.58	3.06	3.01	48.0	6.6	6	14.35	21.9
M897260		1.89	0.016	1.10	7.28	48.3	1670	1.59	0.63	2.26	0.36	44.8	7.2	8	18.05	28.7
M897261		2.48	<0.005	0.16	7.43	13.3	2120	1.80	0.67	2.06	0.15	49.0	7.3	8	23.2	37.7
M897262		1.79	0.005	0.21	7.00	31.4	1130	1.91	0.68	2.30	0.21	58.2	7.2	16	23.6	21.3
M897263		1.65	0.151	0.65	5.34	490	2200	1.40	0.57	5.36	1.15	41.8	6.5	5	11.40	15.6
M897264		2.48	<0.005	0.02	0.09	<5	30	0.07	0.06	20.4	0.06	1.29	0.7	<1	0.26	3.6
M897265		1.72	<0.005	0.20	6.95	14.2	1660	1.49	0.79	2.59	0.15	46.4	5.5	6	16.25	17.1
M897266		3.02	<0.005	0.15	7.06	9.3	2130	1.54	0.88	2.30	0.12	44.5	5.0	9	12.60	24.4
M897267		2.16	0.005	0.69	8.59	13.7	720	1.46	2.96	2.70	0.07	58.9	15.8	7	6.05	42.3
M897268		2.68	<0.005	0.01	0.09	<5	20	0.06	0.05	20.2	0.06	1.48	0.6	<1	0.25	2.1
M897269		6.11	<0.005	0.12	8.13	13.6	5390	2.01	2.36	2.98	0.09	50.1	6.8	11	15.75	4.9
M897270		1.69	0.005	0.36	7.59	10.7	1710	1.53	1.29	2.21	0.10	46.5	4.0	9	10.70	23.4
M897271		5.40	<0.005	0.18	7.55	9.7	1970	1.77	2.18	1.92	0.12	51.3	7.7	8	10.55	5.4
M897272		4.69	<0.005	0.31	7.78	11.5	1630	1.68	3.23	2.75	0.11	41.7	9.7	7	14.00	3.8
M897273		<0.02	<0.005	0.22	7.69	12.8	1600	1.73	2.98	2.61	0.07	40.3	8.8	7	13.80	4.3
M897274		2.32	<0.005	0.60	7.28	11.7	1360	1.42	1.85	2.79	0.10	46.9	4.6	7	8.46	21.5
M897275		0.71	0.011	0.49	7.11	12.8	1330	1.49	1.28	3.00	0.08	48.2	3.3	6	9.12	26.0
M897276		5.35	<0.005	0.18	7.59	9.2	2170	1.75	2.62	2.28	0.13	52.1	6.9	8	9.19	15.3
M897277		2.94	<0.005	0.17	7.18	8.1	2160	1.40	0.79	2.28	0.09	45.6	6.4	8	7.52	8.1
M897278		5.51	<0.005	0.13	7.21	7.7	2160	1.55	0.78	2.32	0.11	48.0	7.9	9	8.49	10.5
M897279		1.77	0.007	0.14	6.46	12.1	2200	1.60	0.78	3.75	0.11	44.9	6.7	7	10.90	9.9
M897280		0.31	0.825	10.25	6.58	1880	320	1.63	6.25	1.91	44.3	49.0	17.2	20	16.95	119.0
M897281		2.47	<0.005	0.21	7.56	17.1	2120	1.51	0.63	1.90	0.23	46.5	8.2	8	9.96	13.7
M897282		3.72	<0.005	0.12	7.35	9.5	2190	1.77	0.44	2.23	0.13	49.3	7.1	8	10.75	16.1
M897283		3.90	<0.005	0.12	7.42	8.8	2280	1.86	0.37	2.47	0.12	54.1	7.8	9	11.00	11.1
M897284		0.30	0.805	10.60	6.82	1950	330	1.73	6.86	1.99	45.1	47.2	17.8	21	16.45	124.5
M897285		2.80	<0.005	0.13	7.44	12.8	2270	1.44	0.49	2.47	0.13	49.3	7.2	9	11.60	9.3
M897286		1.72	0.087	0.23	6.92	266	1760	1.56	0.72	2.62	0.40	49.7	7.0	7	11.10	10.2
M897287		1.69	<0.005	0.29	7.62	11.2	2020	1.64	0.97	2.32	0.29	50.4	7.7	7	12.50	23.6
M897288		2.91	0.020	0.57	6.19	74.9	1850	1.18	1.05	2.95	0.50	36.9	6.8	6	11.25	15.8
M897289		2.07	<0.005	0.95	6.97	22.7	1320	1.39	0.93	1.74	0.57	48.9	6.6	7	14.65	53.6
M897290		1.85	<0.005	0.73	7.01	18.4	1200	1.25	0.92	1.98	2.22	35.9	7.7	7	11.35	21.9
M897291		1.83	<0.005	1.05	6.19	27.7	1260	1.45	1.33	5.11	1.01	45.7	8.0	6	17.40	46.9
M897292		4.37	<0.005	0.17	7.63	10.6	2200	1.52	0.72	2.01	0.15	46.6	8.7	8	10.95	19.0
M897293		3.77	<0.005	0.15	7.28	10.6	2060	1.79	0.82	2.77	0.13	48.1	7.5	8	12.60	9.6
M897294		4.70	<0.005	0.13	7.90	10.2	2090	1.69	0.75	2.64	0.14	46.7	7.1	8	13.90	9.7



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**CERTIFICATE OF ANALYSIS WH12159052**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897259		2.91	14.85	0.10	1.3	0.057	2.94	22.8	116.5	0.92	1590	6.73	0.11	7.5	2.5	570
M897260		3.00	15.65	0.10	1.2	0.071	3.39	21.4	73.9	0.75	1380	2.60	0.72	8.0	2.7	570
M897261		3.01	17.85	0.12	1.2	0.066	3.03	21.7	26.2	0.65	623	2.43	1.47	7.7	5.2	590
M897262		2.80	17.15	0.13	2.0	0.044	2.38	26.2	156.5	0.82	921	1.22	0.07	7.8	5.9	860
M897263		3.41	11.90	0.12	0.9	0.040	1.63	20.6	93.7	1.86	3960	2.02	0.05	5.1	2.7	410
M897264		0.48	0.26	0.09	<0.1	0.007	0.03	0.6	1.9	12.80	215	<0.05	<0.01	0.3	1.8	190
M897265		2.67	15.80	0.14	1.2	0.054	2.46	19.8	75.9	0.85	710	1.28	0.75	6.9	2.2	560
M897266		2.92	15.00	0.14	1.2	0.055	2.81	19.8	12.1	0.72	576	2.28	2.20	6.9	2.1	580
M897267		7.23	18.85	0.13	1.3	0.334	1.17	27.7	15.4	0.98	1750	8.64	3.90	8.8	3.2	720
M897268		0.47	0.29	0.08	<0.1	0.010	0.03	0.6	1.1	12.75	211	0.15	0.02	0.3	1.9	180
M897269		3.65	19.25	0.13	1.3	0.112	2.61	21.6	18.5	1.01	801	1.49	2.83	8.6	4.4	850
M897270		3.69	17.55	0.12	1.2	0.139	3.28	20.2	29.3	0.69	785	1.41	1.24	7.6	2.7	600
M897271		3.32	18.10	0.16	1.2	0.076	2.95	24.0	24.6	0.61	652	1.82	1.75	8.2	2.7	650
M897272		4.52	20.0	0.12	1.1	0.316	2.34	18.0	44.0	0.70	952	1.53	1.72	8.0	2.6	620
M897273		4.53	20.5	0.11	1.0	0.308	2.39	16.9	47.9	0.70	956	1.52	1.76	8.0	2.6	620
M897274		3.35	17.20	0.10	1.0	0.154	2.39	21.8	30.4	0.70	1000	2.17	2.10	7.7	2.0	570
M897275		3.44	16.30	0.10	1.0	0.130	2.72	22.8	33.8	0.96	1080	1.26	1.14	6.9	2.1	560
M897276		3.04	17.75	0.13	1.2	0.068	2.94	23.5	12.9	0.75	566	2.66	2.55	7.9	2.6	590
M897277		2.94	16.55	0.12	1.3	0.077	2.94	21.5	9.8	0.72	668	1.30	2.14	7.2	2.4	570
M897278		2.83	16.95	0.13	1.3	0.054	2.78	21.5	11.2	0.71	561	1.15	2.35	7.2	2.4	570
M897279		2.95	16.40	0.13	1.1	0.122	2.89	19.4	15.6	0.58	1040	0.79	1.38	7.4	2.3	560
M897280		5.31	16.35	0.13	1.3	0.865	2.82	23.0	24.6	0.67	1990	11.80	0.27	7.5	15.3	500
M897281		2.97	18.20	0.12	1.3	0.062	2.97	20.6	16.8	0.45	766	1.45	1.46	7.9	2.4	610
M897282		2.82	17.35	0.13	1.5	0.046	2.86	22.1	16.7	0.70	534	2.00	2.24	8.2	2.4	570
M897283		2.91	17.40	0.13	1.3	0.048	2.88	24.6	15.4	0.74	500	1.24	2.36	7.9	2.6	570
M897284		5.56	16.45	0.12	1.4	0.862	2.93	21.3	25.7	0.70	2090	12.50	0.28	7.4	15.8	520
M897285		3.04	16.70	0.11	1.4	0.045	2.89	22.8	22.9	0.78	656	0.97	1.40	7.9	3.5	600
M897286		2.65	16.10	0.12	1.4	0.041	2.82	23.5	31.8	0.74	809	0.98	1.49	7.5	2.4	490
M897287		3.12	17.45	0.11	1.0	0.049	2.66	23.3	18.1	0.71	799	1.08	1.93	7.6	2.5	640
M897288		2.77	16.30	0.11	1.0	0.049	2.61	12.7	36.8	0.47	1280	0.71	0.10	7.5	2.3	570
M897289		2.94	16.85	0.12	1.1	0.078	2.72	21.9	36.7	0.61	1290	1.02	0.11	7.8	2.6	590
M897290		3.09	17.20	0.11	1.0	0.074	2.61	13.8	32.6	0.59	1340	0.84	0.07	7.8	2.3	620
M897291		2.62	16.20	0.11	1.0	0.065	3.11	20.9	34.7	0.55	2010	0.69	0.08	7.2	2.6	510
M897292		3.20	18.70	0.13	1.2	0.065	2.73	22.0	26.5	0.70	751	0.94	0.88	8.2	2.6	640
M897293		3.00	17.10	0.11	1.1	0.049	2.72	22.5	16.4	0.71	609	0.98	1.97	7.4	2.4	600
M897294		3.17	18.80	0.14	1.2	0.051	3.03	20.7	23.7	0.64	699	0.82	1.34	8.4	2.7	640



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**CERTIFICATE OF ANALYSIS WH12159052**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M897259		66.4	101.5	<0.002	0.08	22.9	10.2	1	2.7	155.5	0.59	<0.05	11.6	0.242	4.7
M897260		26.6	136.0	<0.002	0.32	21.1	11.1	2	3.5	192.0	0.62	<0.05	11.8	0.255	5.3
M897261		21.7	128.0	<0.002	0.03	12.40	10.3	<1	3.9	242	0.61	<0.05	12.5	0.260	4.1
M897262		16.8	95.5	<0.002	0.07	26.3	9.0	<1	3.1	272	0.59	<0.05	10.2	0.297	7.1
M897263		56.4	94.5	<0.002	1.00	36.9	7.8	<1	3.3	169.0	0.41	<0.05	9.8	0.176	15.7
M897264		1.5	1.6	<0.002	0.03	0.26	0.2	<1	0.2	43.6	<0.05	<0.05	0.2	<0.005	0.7
M897265		16.7	94.3	<0.002	0.10	14.35	8.7	<1	4.2	196.5	0.62	<0.05	11.4	0.244	7.0
M897266		18.2	101.0	<0.002	0.01	4.04	8.7	1	4.0	336	0.62	<0.05	11.4	0.243	3.5
M897267		9.9	46.2	0.004	1.27	4.41	12.3	1	11.0	189.5	0.78	0.18	14.3	0.301	3.9
M897268		1.3	1.5	0.002	0.01	0.08	0.2	<1	0.3	42.2	<0.05	<0.05	0.2	<0.005	0.5
M897269		18.3	94.6	<0.002	0.12	10.05	11.2	1	4.9	408	0.69	<0.05	11.6	0.312	4.1
M897270		15.4	135.5	<0.002	0.06	10.55	9.8	1	3.0	147.0	0.66	<0.05	12.0	0.269	3.6
M897271		15.2	132.5	<0.002	0.06	9.47	11.1	<1	4.1	213	0.67	<0.05	12.4	0.272	4.0
M897272		14.4	103.0	<0.002	0.18	15.25	10.5	<1	18.3	177.0	0.67	<0.05	11.8	0.267	3.3
M897273		13.4	99.5	0.002	0.18	15.25	10.3	1	18.4	172.0	0.69	0.06	11.3	0.274	3.1
M897274		13.3	104.5	0.002	0.14	9.87	9.8	1	6.9	151.0	0.60	0.07	12.1	0.248	3.1
M897275		15.6	113.5	<0.002	0.11	13.75	8.8	1	4.5	141.5	0.58	0.05	12.5	0.240	3.5
M897276		16.8	125.0	<0.002	0.03	4.22	10.2	1	4.5	321	0.68	<0.05	13.8	0.257	3.7
M897277		17.6	118.5	<0.002	0.02	3.30	9.1	1	2.5	284	0.62	<0.05	12.4	0.244	3.6
M897278		15.7	106.5	<0.002	0.02	3.34	9.3	<1	2.8	339	0.58	<0.05	11.7	0.253	3.2
M897279		15.9	119.0	0.002	0.12	6.91	8.9	1	2.9	266	0.57	<0.05	11.1	0.238	4.4
M897280		1330	165.5	0.003	3.12	32.4	8.6	<1	6.2	152.5	0.61	0.29	11.5	0.210	5.5
M897281		22.4	129.5	<0.002	0.07	10.90	9.9	1	2.9	190.5	0.66	<0.05	12.6	0.267	6.9
M897282		17.9	132.0	0.002	0.03	3.59	9.7	1	2.6	343	0.82	<0.05	12.8	0.245	4.7
M897283		19.0	123.0	<0.002	0.01	3.35	9.9	1	2.7	392	0.70	<0.05	13.4	0.252	4.4
M897284		1385	165.5	0.002	3.28	32.5	8.8	1	6.0	154.5	0.64	0.32	11.7	0.220	5.6
M897285		29.1	117.5	<0.002	0.04	6.67	9.8	<1	2.3	264	0.77	<0.05	14.7	0.263	5.3
M897286		28.2	126.5	<0.002	0.11	9.19	7.8	1	2.3	275	0.82	<0.05	15.4	0.211	5.3
M897287		28.4	111.5	0.002	0.02	7.83	10.4	1	2.9	325	0.62	<0.05	12.1	0.282	3.1
M897288		43.3	91.6	0.002	0.08	22.4	8.8	<1	2.8	138.0	0.58	<0.05	9.5	0.256	3.4
M897289		194.5	129.0	<0.002	0.09	42.3	9.9	1	2.6	100.5	0.62	<0.05	12.5	0.254	6.2
M897290		108.5	101.5	0.002	0.06	26.0	9.7	1	2.3	106.0	0.66	<0.05	10.1	0.273	3.0
M897291		56.2	141.5	<0.002	0.24	33.5	8.8	1	2.2	208	0.57	<0.05	10.7	0.232	3.3
M897292		22.5	116.5	<0.002	0.02	11.20	11.9	1	3.0	174.5	0.68	<0.05	12.8	0.288	3.2
M897293		19.2	114.5	<0.002	0.01	4.71	9.8	1	2.0	341	0.67	<0.05	13.2	0.261	3.6
M897294		21.4	125.0	<0.002	0.01	9.96	10.5	1	2.8	250	0.71	<0.05	14.2	0.283	3.6



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**CERTIFICATE OF ANALYSIS WH12159052**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897259		64	4.3	14.5	281	29.3
M897260		71	4.4	14.2	71	28.3
M897261		70	4.5	15.0	48	30.7
M897262		70	5.5	14.5	61	71.3
M897263		54	4.2	14.9	102	20.7
M897264		2	0.2	0.8	14	0.5
M897265		65	2.6	13.4	48	30.7
M897266		65	2.5	13.0	44	25.2
M897267		73	6.1	19.8	94	30.9
M897268		2	0.1	0.8	13	<0.5
M897269		85	3.2	16.5	57	37.2
M897270		73	7.0	14.5	57	31.3
M897271		73	2.9	16.0	54	33.5
M897272		81	6.5	15.9	58	24.3
M897273		82	5.5	15.0	61	23.5
M897274		65	6.9	15.3	46	25.8
M897275		64	8.2	14.8	50	24.5
M897276		69	3.1	15.7	44	30.2
M897277		66	3.8	13.9	46	31.3
M897278		68	2.6	14.3	42	31.9
M897279		65	4.8	15.0	46	31.4
M897280		59	5.1	11.4	3060	40.5
M897281		72	3.8	15.1	51	34.5
M897282		66	2.6	15.4	44	35.6
M897283		66	2.1	16.2	41	33.1
M897284		61	5.2	11.1	3200	39.5
M897285		70	2.7	15.6	46	34.7
M897286		56	2.4	14.4	56	31.1
M897287		76	3.8	16.1	55	22.9
M897288		71	4.6	11.8	66	22.1
M897289		71	3.3	14.7	78	23.9
M897290		76	5.2	12.6	157	23.0
M897291		64	3.3	14.2	75	23.6
M897292		83	3.6	15.6	56	24.7
M897293		71	2.1	14.5	47	23.8
M897294		76	2.2	16.1	54	27.6



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**CERTIFICATE OF ANALYSIS WH12159052**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12159053**

Project: Klaza-79

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12159053**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897295		4.62	<0.005	0.10	7.47	10.1	1510	1.31	1.67	2.42	0.07	47.7	6.9	13	10.30	19.0
M897296		3.80	<0.005	0.12	7.21	9.2	1960	1.30	0.55	2.55	0.15	48.8	6.9	9	14.85	9.4
M897297		1.67	<0.005	0.27	6.30	18.4	2860	1.27	0.92	2.30	0.20	51.3	7.1	16	8.22	4.5
M897298		0.22	0.841	9.14	6.82	1900	520	1.31	6.08	1.94	38.7	50.4	16.3	21	15.95	113.5
M897299		1.73	<0.005	0.12	7.05	14.2	1980	1.34	0.81	3.41	0.20	56.4	7.9	11	12.40	7.1
M897300		4.33	<0.005	0.13	7.28	13.1	2280	1.31	0.72	1.98	0.10	48.7	6.9	11	14.00	7.4
M897301		1.61	<0.005	0.12	6.83	11.1	1990	1.67	0.43	2.40	0.13	41.1	7.1	12	16.60	7.9
M897302		3.12	<0.005	0.02	0.08	<5	30	0.11	0.04	21.0	0.06	1.21	0.7	<1	0.18	1.8
M897303		2.72	<0.005	0.08	6.68	7.8	2950	1.44	0.45	2.71	0.08	44.6	4.9	16	12.80	3.9
M897304		2.97	0.006	0.10	7.22	8.7	2220	1.50	0.36	2.42	0.10	46.8	6.1	18	12.90	4.7
M897305		1.71	0.022	0.73	8.35	39.3	3030	1.91	1.91	2.81	1.02	51.5	11.7	12	15.95	2.7
M897306		3.61	<0.005	0.02	0.12	<5	30	0.07	0.03	21.3	0.06	1.35	0.8	1	0.27	1.8
M897307		2.17	<0.005	0.06	7.80	30.8	1450	1.54	0.73	1.83	0.08	60.6	7.8	29	24.3	8.9
M897308		2.05	<0.005	0.10	7.73	12.1	2520	1.45	0.64	1.63	0.11	49.2	6.5	12	18.65	12.9
M897309		3.69	<0.005	0.05	6.35	9.4	770	1.86	0.12	1.39	0.18	35.4	2.0	6	21.1	2.9
M897310		5.37	<0.005	0.07	6.49	9.1	730	1.82	0.07	1.03	0.16	40.9	2.4	7	19.95	3.4
M897311		<0.02	<0.005	0.06	6.48	9.1	750	1.72	0.10	0.99	0.21	41.3	2.2	6	22.5	3.1
M897312		5.50	<0.005	0.07	7.10	10.4	1130	1.94	0.19	2.12	0.10	55.6	6.1	15	25.6	9.3
M897313		5.81	<0.005	0.03	6.78	7.0	1530	1.64	0.05	3.16	0.05	49.9	5.2	16	17.40	6.1
M897314		4.84	<0.005	0.04	6.54	6.6	1150	1.86	0.05	2.83	0.04	44.8	5.0	15	22.4	3.1
M897315		4.33	<0.005	0.04	6.94	7.5	610	1.81	0.05	3.05	0.04	49.2	4.9	16	21.7	4.8
M897316		5.34	0.012	0.03	7.31	6.4	1610	1.92	0.04	2.77	0.04	58.4	5.5	18	23.3	2.8
M897317		2.46	<0.005	0.05	7.02	5.7	1970	1.74	0.05	2.54	0.04	53.4	5.4	18	23.1	2.4
M897318		4.75	<0.005	0.25	7.50	7.7	1440	2.00	0.44	1.87	0.34	57.6	5.1	13	27.1	9.8
M897319		4.71	<0.005	0.12	6.66	9.7	930	2.09	0.07	2.80	0.18	51.2	2.8	8	27.3	1.6
M897320		5.16	<0.005	0.06	6.93	3.6	1500	2.07	0.04	2.64	0.10	50.6	3.5	12	25.1	1.4
M897321		5.09	<0.005	0.05	7.21	3.7	680	2.08	0.02	2.86	0.19	50.0	3.8	10	28.6	1.5
M897322		4.87	<0.005	0.08	7.16	6.1	1480	2.01	0.03	2.36	0.10	49.6	4.1	9	25.9	1.6
M897323		5.96	<0.005	0.30	6.82	6.1	450	1.98	0.04	2.49	0.35	48.5	3.3	10	18.90	8.2
M897324		2.81	<0.005	0.13	6.07	6.4	910	1.92	0.09	1.34	0.14	44.6	2.3	4	19.00	6.2
M897325		4.18	<0.005	0.36	7.58	11.8	2110	1.44	1.26	1.96	0.12	47.4	6.4	8	18.20	29.5
M897326		1.85	0.007	0.38	7.20	25.7	2240	1.60	1.45	1.90	0.20	47.5	14.8	6	25.9	18.4
M897327		2.16	0.059	11.50	7.68	51.5	1230	1.71	2.54	2.97	0.53	65.4	8.1	13	26.9	66.5
M897328		4.74	<0.005	0.14	7.38	10.3	2980	1.50	0.56	2.56	0.09	52.0	6.7	7	21.4	19.3
M897329		0.21	0.817	9.46	6.64	1855	530	1.48	6.00	1.89	38.9	46.5	16.0	21	15.25	111.0
M897330		4.77	0.011	0.17	7.53	23.2	2410	1.42	0.57	1.88	0.19	47.0	9.1	11	16.05	7.0





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**CERTIFICATE OF ANALYSIS WH12159053**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897295		2.92	16.75	0.10	1.2	0.094	2.32	20.8	24.2	0.68	664	0.95	1.35	7.5	2.5	620
M897296		2.84	16.10	0.10	1.2	0.046	2.76	22.7	29.0	0.72	655	0.81	0.56	7.4	2.3	590
M897297		2.38	12.70	0.08	1.4	0.064	2.40	24.4	20.2	0.76	835	1.21	1.24	6.1	2.4	430
M897298		5.44	15.60	0.10	1.3	0.924	2.85	23.2	22.0	0.70	2030	12.80	0.27	6.5	16.6	510
M897299		2.91	15.35	0.11	1.2	0.065	2.58	27.1	58.2	1.09	744	1.33	0.36	6.5	2.8	520
M897300		2.95	15.80	0.10	1.2	0.092	3.03	21.7	33.2	0.71	687	2.07	1.01	6.8	2.6	550
M897301		2.79	15.60	0.09	1.4	0.048	2.85	18.5	41.5	0.67	595	1.60	1.39	7.0	2.7	550
M897302		0.50	0.24	0.10	<0.1	0.006	0.03	0.5	1.1	13.25	225	0.19	0.01	0.1	1.9	190
M897303		2.91	14.85	0.10	1.2	0.075	2.73	20.7	16.1	0.87	706	1.29	1.60	6.6	2.6	530
M897304		2.97	15.85	0.10	1.2	0.056	2.97	20.8	9.8	0.72	612	1.50	2.14	6.7	2.7	570
M897305		4.78	19.75	0.11	1.2	0.208	3.25	24.6	13.4	0.86	1410	0.95	2.13	7.2	2.9	630
M897306		0.50	0.26	0.09	<0.1	0.009	0.05	0.6	1.2	13.35	225	1.01	0.01	0.2	2.1	170
M897307		3.35	18.55	0.11	2.8	0.048	2.51	27.6	133.5	0.92	642	1.36	0.24	8.9	10.5	1220
M897308		3.04	17.30	0.13	1.2	0.068	3.25	21.1	54.6	0.72	608	1.21	0.29	7.2	3.1	640
M897309		1.45	15.10	0.10	2.0	0.013	2.70	16.4	29.3	0.48	589	0.70	0.03	8.6	1.7	220
M897310		1.36	15.60	0.11	2.1	0.014	2.77	19.2	23.3	0.41	486	0.62	0.03	8.7	1.6	240
M897311		1.33	15.85	0.11	2.1	0.015	2.76	18.9	24.4	0.40	473	0.79	0.03	8.9	1.9	230
M897312		2.35	18.05	0.12	2.4	0.030	2.49	25.2	107.0	0.77	615	0.82	0.07	8.6	5.6	820
M897313		2.19	16.75	0.09	1.7	0.026	2.62	22.3	90.1	0.84	609	0.77	0.86	7.7	5.7	720
M897314		2.08	17.85	0.10	1.7	0.025	2.61	18.6	40.4	0.70	475	0.70	0.63	8.3	5.8	710
M897315		2.13	17.00	0.11	1.7	0.026	2.50	22.6	16.1	0.84	474	0.66	1.14	8.1	6.0	710
M897316		2.29	18.70	0.10	1.8	0.026	2.81	25.4	65.3	0.77	549	0.75	1.54	8.7	6.5	780
M897317		2.18	17.80	0.12	1.8	0.028	2.75	23.0	63.6	0.72	523	0.74	1.49	8.5	6.7	770
M897318		2.05	18.30	0.30	2.9	0.063	3.01	26.5	61.2	0.72	479	3.70	0.41	9.6	7.6	680
M897319		1.79	16.65	0.11	1.8	0.021	2.94	21.7	37.0	0.58	498	1.15	0.62	8.6	2.0	450
M897320		2.02	18.05	0.11	1.6	0.021	2.84	22.0	38.3	0.60	504	1.25	1.09	8.4	2.4	550
M897321		2.10	18.45	0.11	1.7	0.026	2.68	20.9	49.8	0.70	557	1.15	0.65	8.8	2.4	570
M897322		2.04	18.05	0.10	1.6	0.021	2.51	22.7	60.4	0.69	460	1.35	0.04	8.4	2.4	560
M897323		1.86	16.30	0.10	1.8	0.020	2.27	22.1	111.0	0.70	522	3.09	0.18	8.3	2.0	440
M897324		1.20	14.70	0.10	2.2	0.012	2.37	20.2	80.0	0.46	375	2.16	0.04	8.5	1.3	230
M897325		3.13	16.50	0.12	1.2	0.040	3.00	21.0	38.9	0.65	550	2.13	1.02	7.1	2.5	580
M897326		3.55	15.80	0.11	1.1	0.135	2.67	22.9	39.8	0.68	1060	2.80	0.67	6.5	2.9	630
M897327		3.09	17.85	0.15	2.4	0.054	3.05	34.0	77.6	1.02	1340	1.90	0.07	8.1	5.2	900
M897328		2.98	16.25	0.10	1.2	0.049	3.38	24.5	57.5	0.77	532	1.51	0.77	7.0	2.5	590
M897329		5.28	15.50	0.10	1.3	0.902	2.85	21.9	21.8	0.68	1980	11.85	0.26	6.3	15.9	500
M897330		3.11	15.95	0.10	1.2	0.045	3.13	22.2	23.6	0.67	700	2.18	1.00	7.0	2.7	610



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**CERTIFICATE OF ANALYSIS WH12159053**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897295		15.2	81.3	<0.002	0.06	17.55	9.5	1	4.8	148.5	0.70	<0.05	11.8	0.271	1.09	2.9
M897296		16.0	103.0	0.002	0.03	14.05	9.7	<1	2.5	180.0	0.65	<0.05	12.6	0.257	1.22	3.6
M897297		41.8	105.0	<0.002	0.24	8.76	7.2	<1	2.4	212	0.78	0.06	15.8	0.180	1.19	5.4
M897298		1355	156.0	<0.002	3.17	31.8	8.7	1	6.1	152.0	0.61	0.29	10.6	0.215	2.30	4.7
M897299		15.5	95.4	<0.002	0.14	13.15	8.9	<1	3.1	230	0.60	<0.05	11.9	0.229	1.11	3.4
M897300		15.0	124.5	<0.002	0.10	9.38	9.6	1	2.9	184.0	0.67	<0.05	11.5	0.246	1.27	3.0
M897301		17.9	118.5	<0.002	0.05	7.89	8.9	1	2.1	269	0.72	<0.05	11.0	0.231	1.21	4.9
M897302		1.3	1.3	<0.002	0.02	0.10	0.3	<1	0.2	48.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M897303		12.8	101.0	<0.002	0.06	5.22	8.5	<1	2.0	281	0.64	<0.05	10.7	0.234	1.18	3.2
M897304		16.0	108.0	<0.002	0.03	3.91	9.4	<1	2.2	337	0.64	<0.05	10.8	0.252	1.16	3.6
M897305		82.8	125.0	<0.002	0.44	9.09	10.9	1	3.1	270	0.71	<0.05	12.7	0.276	1.47	6.1
M897306		1.2	1.8	<0.002	0.01	0.11	0.3	<1	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M897307		13.7	83.4	<0.002	0.03	16.35	10.1	1	2.0	353	0.69	<0.05	8.8	0.382	1.14	3.1
M897308		17.6	124.5	<0.002	0.04	10.80	10.4	<1	2.3	179.0	0.67	<0.05	11.1	0.276	1.34	3.0
M897309		15.9	109.0	<0.002	0.03	12.45	3.0	<1	1.4	170.5	1.07	<0.05	10.7	0.101	1.10	4.6
M897310		27.9	124.0	<0.002	0.03	10.25	3.1	<1	1.7	139.0	1.06	<0.05	11.2	0.103	1.14	4.7
M897311		24.4	122.5	<0.002	0.03	10.40	3.0	<1	1.7	138.0	1.06	<0.05	10.9	0.103	1.17	4.9
M897312		15.5	88.2	<0.002	0.03	16.60	6.4	1	2.6	390	0.76	<0.05	9.1	0.254	1.06	4.2
M897313		17.2	82.2	<0.002	0.01	5.88	5.0	<1	1.9	524	0.75	<0.05	8.2	0.228	1.02	3.7
M897314		17.5	77.2	<0.002	0.02	5.75	5.1	1	1.5	501	0.77	<0.05	7.3	0.226	0.99	4.0
M897315		16.4	85.0	<0.002	0.01	3.93	5.1	<1	1.4	581	0.77	<0.05	8.5	0.230	0.95	3.9
M897316		17.5	98.1	<0.002	0.01	4.07	5.9	<1	1.5	572	0.76	<0.05	9.1	0.251	1.03	4.0
M897317		16.9	98.6	<0.002	0.02	4.35	5.7	<1	1.5	560	0.71	<0.05	8.2	0.244	0.95	4.0
M897318		33.5	122.0	<0.002	0.03	8.71	5.6	1	1.9	378	1.15	0.16	11.2	0.220	1.34	5.6
M897319		32.8	107.0	<0.002	0.02	4.30	4.3	<1	1.4	406	0.79	<0.05	8.9	0.178	1.23	5.1
M897320		22.5	101.5	<0.002	0.02	3.86	5.1	<1	1.4	433	0.78	<0.05	8.3	0.210	1.13	4.2
M897321		23.9	94.7	<0.002	0.01	4.37	5.5	<1	1.5	419	0.79	<0.05	8.4	0.223	1.09	4.5
M897322		17.0	89.4	0.002	0.05	7.37	5.4	1	1.6	322	0.82	<0.05	8.4	0.212	1.08	4.8
M897323		44.9	70.6	<0.002	0.03	8.04	4.1	<1	2.3	342	0.86	<0.05	9.4	0.175	1.00	4.7
M897324		27.7	88.3	<0.002	0.04	9.16	2.9	<1	1.9	262	1.02	<0.05	10.4	0.100	1.09	7.9
M897325		19.2	121.5	<0.002	0.06	8.83	9.8	1	3.1	305	0.67	<0.05	11.2	0.252	1.31	3.7
M897326		13.8	110.5	<0.002	0.31	13.75	10.0	1	2.8	228	0.57	0.11	10.5	0.250	1.31	6.8
M897327		19.7	141.0	<0.002	0.36	28.1	9.6	1	3.3	457	0.66	0.05	11.4	0.297	1.78	3.0
M897328		15.7	141.0	<0.002	0.08	9.38	9.8	1	3.4	367	0.62	<0.05	12.2	0.255	1.67	3.1
M897329		1325	159.5	0.002	3.10	32.3	8.7	1	6.0	149.5	0.57	0.27	10.4	0.210	2.18	4.5
M897330		19.9	132.5	<0.002	0.17	9.55	10.3	1	2.4	277	0.63	0.08	11.8	0.264	1.51	4.1



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897295		70	3.1	13.9	49	25.7
M897296		69	2.8	14.9	52	26.4
M897297		47	1.8	12.6	54	29.9
M897298		61	5.0	10.8	3120	39.2
M897299		61	2.2	15.4	56	29.0
M897300		66	3.1	13.7	47	27.2
M897301		63	1.8	14.0	44	35.2
M897302		2	0.1	0.7	15	<0.5
M897303		61	2.2	13.6	45	25.6
M897304		69	1.9	13.9	44	27.3
M897305		82	4.7	16.4	138	26.9
M897306		3	0.2	0.8	15	<0.5
M897307		87	2.4	14.4	63	104.0
M897308		77	2.9	13.8	50	31.3
M897309		21	2.0	10.7	51	52.9
M897310		19	2.0	12.0	65	55.0
M897311		19	2.0	11.6	65	57.8
M897312		55	2.1	12.0	60	80.8
M897313		49	1.4	9.6	54	46.8
M897314		49	1.3	9.4	58	51.8
M897315		49	1.1	9.7	57	48.4
M897316		54	1.3	10.3	58	58.1
M897317		52	1.2	10.1	60	57.8
M897318		45	1.9	11.9	67	86.7
M897319		32	1.2	10.2	67	51.4
M897320		40	1.0	9.9	62	43.9
M897321		43	1.2	10.7	77	46.9
M897322		41	1.3	10.8	61	44.3
M897323		33	1.4	10.2	98	50.7
M897324		18	1.2	10.2	50	56.5
M897325		68	2.6	14.2	47	29.4
M897326		69	4.0	13.5	71	26.5
M897327		72	2.9	16.3	76	91.4
M897328		69	2.2	14.4	43	30.6
M897329		58	4.8	10.8	3020	37.9
M897330		72	2.1	14.4	45	27.9



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Finalized Date: 31-JUL-2012  
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**CERTIFICATE WH12159054**

Project: Klaza-80

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12159054**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M899751		5.04	0.103	0.74	7.53	691	1510	1.54	1.48	0.64	1.90	64.5	2.3	8	11.70	189.5
M899752		6.81	0.096	0.56	7.95	218	1400	1.83	1.94	1.02	2.03	51.1	4.9	8	10.90	131.5
M899753		5.77	0.173	0.84	7.28	135.0	1000	1.80	1.31	0.41	2.25	39.5	5.0	6	11.50	85.9
M899754		6.07	0.054	0.82	7.30	85.2	1640	1.66	1.01	0.56	4.62	61.5	9.4	6	16.70	81.9
M899755		0.23	0.823	9.45	6.59	1705	1740	1.52	6.30	1.84	42.3	43.5	16.5	19	16.70	106.5
M899756		8.89	0.017	0.42	6.96	34.7	1510	1.86	0.64	0.62	6.77	60.4	9.7	6	17.70	64.3
M899757		6.60	0.027	0.40	7.05	38.2	1960	1.72	0.75	1.28	6.56	51.0	9.1	7	16.40	34.1
M899758		5.05	0.052	0.97	7.31	110.5	1480	1.54	1.89	1.55	7.43	45.6	6.1	6	15.75	12.8
M899759		2.45	<0.005	0.01	0.08	<5	30	0.08	0.02	19.85	0.08	1.25	1.3	<1	0.25	1.5
M899760		13.21	0.007	0.32	7.40	21.7	1760	1.54	0.55	2.45	1.75	50.9	4.0	7	10.25	12.5
M899761		8.56	0.010	0.52	7.81	26.6	1410	1.60	0.92	1.79	2.76	51.9	6.7	8	12.70	18.2
M899762		8.04	0.067	1.24	7.58	82.0	1660	1.37	2.51	1.79	4.03	54.0	10.2	7	16.40	19.6
M899763		5.62	0.059	0.51	7.64	33.5	1950	1.68	1.00	2.59	2.30	45.1	7.9	7	10.35	9.5
M899764		3.28	0.031	0.71	7.67	28.3	1480	1.60	1.38	2.69	3.07	41.7	6.1	7	11.50	12.4
M899765		5.22	0.051	0.32	7.27	22.0	2090	1.45	0.49	3.95	1.41	54.4	6.7	8	9.00	7.5
M899766		8.74	0.035	0.33	7.99	33.4	2250	1.55	0.62	2.55	1.36	55.6	8.7	9	8.97	10.1
M899767		10.44	0.174	0.56	7.43	66.4	1960	1.61	0.89	2.03	2.28	50.2	8.4	7	9.26	49.6
M899768		4.31	0.014	0.38	7.48	13.8	1990	1.59	0.62	2.02	2.17	46.2	6.9	7	9.17	9.0
M899769		5.76	0.046	0.96	7.37	49.5	2080	1.47	1.89	2.04	1.42	48.2	10.1	7	7.18	16.5
M899770		10.56	0.016	0.54	6.85	23.7	2360	1.39	1.20	2.26	0.98	51.4	12.4	8	4.75	10.7
M899771		15.07	0.008	0.19	7.32	11.5	1990	1.55	0.67	2.29	0.17	55.2	6.1	9	6.82	12.3
M899772		8.75	<0.005	0.19	7.33	7.0	2180	1.53	0.38	2.35	0.15	52.7	5.6	8	8.57	16.1
M899773		4.43	0.816	26.1	6.99	251	820	1.44	30.1	1.59	6.57	47.5	4.4	7	11.70	1965
M899774		12.38	<0.005	0.24	7.33	13.1	2030	1.63	0.43	2.42	0.39	50.3	7.3	7	11.70	8.6
M899775		13.82	<0.005	0.17	7.40	8.8	2100	1.63	0.44	2.37	0.13	50.2	5.8	12	8.44	9.2
M899776		6.02	0.005	0.14	7.44	8.4	2080	1.66	0.93	2.17	0.19	53.3	6.2	10	9.01	7.5
M899777		<0.02	0.006	0.14	7.29	8.1	2090	1.59	0.63	2.14	0.17	52.2	6.1	9	8.83	8.3
M899778		7.60	<0.005	0.16	7.05	12.6	2090	1.63	0.85	1.76	1.85	56.3	7.0	6	11.90	8.4
M899779		3.21	0.045	1.17	7.21	83.5	1090	1.63	3.39	0.40	3.56	52.9	9.6	6	13.25	15.8
M899780		10.24	0.014	0.47	7.13	19.2	2070	1.63	1.36	1.88	4.63	60.9	7.1	6	10.80	28.3
M899781		7.99	<0.005	0.18	7.50	4.0	2060	1.67	0.55	2.33	0.73	52.4	5.6	8	8.77	15.3
M899782		5.00	0.028	0.95	7.01	37.5	1670	1.61	2.67	2.06	3.02	49.9	5.6	6	14.55	16.5
M899783		0.22	3.99	>100	5.35	7500	1380	1.22	61.7	1.84	218	36.5	8.9	15	11.55	1200
M899784		4.47	0.453	18.40	5.68	314	400	1.32	14.65	0.24	48.6	52.6	5.4	7	13.75	204
M899785		2.75	<0.005	0.10	0.08	5	30	0.06	0.08	20.2	0.20	1.28	1.4	<1	0.23	2.8
M899786		5.97	0.089	19.20	7.02	182.0	650	1.53	34.4	0.47	20.3	50.0	6.2	6	11.25	70.2



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Project: Klaza-80

**CERTIFICATE OF ANALYSIS WH12159054**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899751		4.27	17.35	0.10	1.3	0.252	2.43	34.3	12.0	0.40	278	0.98	1.26	6.7	2.0	570
M899752		6.75	18.65	0.09	1.6	0.431	1.73	24.4	14.8	0.63	520	1.84	1.37	6.9	2.7	540
M899753		4.95	16.15	0.14	2.2	0.363	1.57	21.5	16.3	0.53	409	1.30	1.86	6.9	2.6	320
M899754		3.00	16.05	0.17	1.7	0.273	2.00	32.9	8.2	0.63	711	1.12	1.90	7.4	2.6	450
M899755		5.19	15.95	0.18	1.4	0.953	2.73	21.6	24.7	0.68	1990	12.65	0.26	7.3	16.0	490
M899756		2.35	15.90	0.17	2.1	0.218	1.99	33.4	7.9	0.46	880	5.79	1.89	7.2	3.0	370
M899757		3.22	17.25	0.18	1.4	0.221	2.16	27.7	8.2	0.65	706	1.61	1.87	8.2	3.2	550
M899758		4.57	17.25	0.20	1.2	0.331	2.21	25.4	10.2	0.55	764	1.34	1.17	7.5	2.6	530
M899759		0.44	0.34	0.16	<0.1	0.006	0.03	0.6	1.2	12.50	207	0.12	0.01	0.4	4.9	190
M899760		4.07	17.60	0.17	1.2	0.160	1.78	26.4	9.7	0.81	536	1.11	1.89	7.8	3.0	600
M899761		4.53	18.90	0.18	1.4	0.303	1.76	27.0	11.3	0.96	494	1.13	2.06	8.3	3.2	600
M899762		4.61	18.45	0.18	1.1	0.621	2.28	28.8	11.9	0.92	682	0.57	1.32	7.8	3.9	600
M899763		3.56	18.50	0.17	1.1	0.283	2.01	21.9	9.7	0.90	662	0.69	2.16	8.6	3.3	690
M899764		3.58	18.85	0.18	1.1	0.364	1.85	20.4	10.2	0.90	745	0.52	2.18	8.9	3.3	700
M899765		3.37	18.55	0.20	1.1	0.150	2.18	27.7	15.4	0.73	764	0.70	1.11	8.5	3.4	640
M899766		3.46	18.40	0.20	1.1	0.154	2.46	28.7	12.3	0.86	590	0.61	1.94	8.4	3.4	660
M899767		3.14	18.35	0.17	1.1	0.205	2.59	25.9	9.7	0.73	447	0.72	1.74	8.1	3.2	590
M899768		2.73	17.45	0.19	1.1	0.133	2.49	24.1	10.6	0.66	434	0.54	1.89	8.1	3.1	610
M899769		3.05	17.25	0.19	1.1	0.240	2.64	25.8	8.5	0.87	467	0.83	1.96	7.8	2.8	560
M899770		2.83	16.40	0.18	1.1	0.240	2.38	26.7	7.7	0.74	481	0.71	2.15	7.5	3.1	530
M899771		2.86	17.50	0.19	1.3	0.097	2.47	28.9	9.8	0.81	424	1.93	2.20	8.2	3.9	580
M899772		2.90	17.55	0.19	1.4	0.081	2.49	27.3	10.5	0.75	447	1.21	2.15	8.0	3.4	550
M899773		6.63	18.55	0.22	1.4	2.36	2.89	24.4	9.1	0.58	610	0.88	0.35	7.3	2.6	480
M899774		2.87	17.90	0.19	1.5	0.069	2.43	25.1	13.3	0.68	454	1.47	2.03	8.4	3.1	580
M899775		2.80	17.90	0.19	1.5	0.070	2.42	25.8	15.7	0.80	440	1.42	2.27	8.3	3.1	550
M899776		2.84	17.20	0.19	1.4	0.099	2.57	28.0	15.0	0.80	413	1.15	2.26	8.2	3.2	560
M899777		2.74	17.15	0.19	1.4	0.097	2.56	27.5	14.6	0.79	403	1.03	2.23	8.1	3.0	560
M899778		2.80	16.20	0.18	1.5	0.148	2.59	30.5	10.7	0.61	500	1.43	1.90	7.8	2.8	480
M899779		4.01	18.55	0.20	1.4	0.249	3.15	27.8	11.8	0.49	437	2.44	0.38	7.6	3.2	380
M899780		3.27	16.30	0.21	1.7	0.096	2.62	33.8	10.0	0.64	687	2.38	1.59	8.0	2.9	480
M899781		3.08	17.75	0.20	1.5	0.069	2.68	27.1	11.6	0.78	512	1.96	2.16	8.6	3.1	580
M899782		3.61	18.45	0.20	1.5	0.186	3.20	25.5	9.3	0.67	910	1.85	0.82	7.7	2.8	530
M899783		7.70	14.10	0.23	1.1	4.73	2.12	18.7	35.1	0.60	2930	15.30	0.08	5.6	14.3	430
M899784		5.94	18.30	0.20	1.0	1.525	2.44	28.7	13.4	0.22	113	1.00	0.03	5.7	2.1	450
M899785		0.47	0.31	0.12	<0.1	0.010	0.03	0.6	1.1	12.55	220	0.15	0.01	0.4	4.9	170
M899786		5.45	18.90	0.21	1.0	0.659	3.10	26.9	7.5	0.39	651	0.92	0.17	7.8	2.5	500



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**CERTIFICATE OF ANALYSIS WH12159054**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899751		83.7	148.0	<0.002	0.37	8.69	10.8	1	5.1	204	0.65	0.19	14.1	0.238	1.75	3.3
M899752		50.2	101.0	<0.002	0.17	7.84	10.8	1	12.1	248	0.78	0.08	15.3	0.240	1.23	3.5
M899753		141.5	113.0	<0.002	0.06	7.26	7.6	1	7.6	161.5	0.86	0.07	25.1	0.147	1.44	3.7
M899754		106.5	128.5	<0.002	0.14	6.76	8.9	1	4.7	152.5	0.76	0.22	20.7	0.188	1.74	4.0
M899755		1315	156.5	0.002	3.07	36.2	9.2	1	6.3	150.5	0.59	0.39	12.1	0.204	2.52	5.5
M899756		81.9	123.0	<0.002	0.24	5.10	8.5	1	2.9	143.0	0.91	0.11	23.6	0.162	1.54	4.4
M899757		73.9	102.5	<0.002	0.44	4.96	10.8	1	3.6	260	0.69	0.12	13.7	0.240	1.41	3.5
M899758		117.0	137.0	<0.002	1.72	6.16	10.9	1	5.3	160.0	0.63	0.08	13.7	0.231	1.68	2.9
M899759		1.7	1.9	<0.002	0.01	0.06	0.2	1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M899760		34.0	83.8	<0.002	0.18	4.16	11.6	1	3.0	372	0.60	0.06	11.8	0.257	1.15	2.9
M899761		59.0	99.9	<0.002	0.37	5.82	12.0	1	4.6	313	0.65	0.07	13.3	0.257	1.37	3.1
M899762		148.0	151.5	<0.002	1.71	8.40	12.0	1	6.3	179.5	0.61	0.22	12.6	0.258	1.82	3.1
M899763		65.8	84.7	<0.002	0.62	4.88	13.8	1	4.3	395	0.61	0.11	10.0	0.290	1.15	3.0
M899764		102.5	89.0	<0.002	0.53	5.76	13.3	1	5.0	340	0.62	0.10	10.4	0.294	1.22	2.9
M899765		50.4	77.6	<0.002	0.24	6.13	12.1	1	3.1	271	0.61	0.06	10.0	0.279	1.16	2.1
M899766		38.0	115.5	<0.002	0.57	4.18	12.9	1	3.6	352	0.62	0.08	12.3	0.275	1.34	2.9
M899767		62.5	127.0	<0.002	0.93	4.77	11.9	1	4.6	295	0.61	0.15	12.1	0.253	1.51	2.9
M899768		43.2	110.0	<0.002	0.26	4.06	11.8	1	3.2	299	0.61	0.09	12.1	0.254	1.34	2.6
M899769		73.7	132.0	<0.002	1.05	3.98	11.1	1	4.3	268	0.59	0.77	12.7	0.241	1.67	3.6
M899770		45.1	105.5	<0.002	0.58	2.65	10.6	1	3.2	294	0.57	0.12	12.0	0.233	1.35	3.8
M899771		16.7	108.5	<0.002	0.22	1.62	11.6	1	2.4	375	0.64	0.08	13.5	0.248	1.18	4.0
M899772		17.3	102.0	<0.002	0.13	1.51	11.3	1	2.6	369	0.63	0.06	13.3	0.238	1.17	3.9
M899773		121.0	183.0	<0.002	5.40	6.02	10.1	1	9.1	101.0	0.61	0.65	12.5	0.209	2.27	5.6
M899774		28.1	104.5	<0.002	0.19	2.35	11.1	1	2.4	348	0.66	0.06	12.8	0.243	1.26	3.5
M899775		17.1	103.5	<0.002	0.04	1.25	11.4	1	2.1	393	0.65	<0.05	13.5	0.241	1.20	4.3
M899776		17.1	117.0	<0.002	0.19	1.68	11.6	1	2.4	380	0.65	0.34	14.0	0.242	1.33	3.8
M899777		15.8	114.5	<0.002	0.19	1.66	11.3	1	2.3	375	0.66	0.18	13.2	0.242	1.28	3.6
M899778		16.3	121.0	<0.002	0.25	2.27	10.0	1	2.3	297	0.72	0.24	16.1	0.207	1.41	3.3
M899779		69.0	195.5	<0.002	1.98	5.87	12.5	1	9.3	97.1	0.60	0.62	13.3	0.236	2.67	3.9
M899780		29.7	128.0	<0.002	0.55	2.94	9.7	1	2.4	258	0.79	0.40	18.4	0.201	1.48	4.2
M899781		18.6	118.0	<0.002	0.03	1.51	12.3	1	2.4	359	0.69	<0.05	14.3	0.253	1.26	3.7
M899782		86.4	168.0	<0.002	1.25	4.07	11.0	1	6.9	176.0	0.62	0.23	12.9	0.216	2.34	3.4
M899783		9150	141.5	<0.002	6.87	205	7.9	2	9.1	125.5	0.41	0.46	9.6	0.173	2.13	5.9
M899784		5040	161.0	<0.002	5.10	35.5	9.2	2	18.3	96.8	0.45	0.90	11.0	0.178	2.32	4.5
M899785		10.2	1.7	<0.002	0.02	0.21	0.3	1	<0.2	50.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M899786		1395	184.0	<0.002	3.40	9.41	12.1	1	12.1	49.2	0.59	0.25	12.6	0.252	3.20	5.6





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 Account: ROCKHA

Project: Klaza-80

**CERTIFICATE OF ANALYSIS WH12159054**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M899751		71	3.1	11.3	235	37.2		
M899752		81	3.4	13.7	372	42.8		
M899753		48	2.4	12.7	342	55.5		
M899754		51	2.2	15.9	381	44.4		
M899755		56	5.1	11.4	2950	39.4		
M899756		45	4.1	18.1	355	50.1		
M899757		63	1.7	15.6	389	38.4		
M899758		62	3.6	16.3	472	32.7		
M899759		2	0.1	0.8	16	<0.5		
M899760		71	2.2	14.8	196	32.7		
M899761		71	4.1	14.4	298	36.4		
M899762		71	3.1	15.9	346	30.8		
M899763		80	2.4	18.0	174	30.6		
M899764		76	2.4	18.7	207	31.1		
M899765		74	2.9	24.4	128	28.5		
M899766		75	2.1	17.8	132	29.5		
M899767		68	1.8	16.0	173	29.6		
M899768		70	1.9	13.6	146	29.3		
M899769		67	1.9	16.6	118	28.0		
M899770		64	1.2	16.2	89	28.2		
M899771		65	2.1	18.4	42	35.5		
M899772		64	2.9	17.7	42	38.6		
M899773		57	7.8	12.7	504	38.3		
M899774		65	1.6	17.1	75	42.5		
M899775		63	1.5	18.1	37	40.3		
M899776		65	1.1	18.0	43	36.4		
M899777		64	1.0	17.7	42	38.1		
M899778		56	1.1	17.3	234	38.8		
M899779		71	7.1	13.5	310	37.4		
M899780		53	1.6	17.6	361	44.0		
M899781		68	1.4	19.9	126	38.8		
M899782		61	3.9	14.2	291	39.9		
M899783		49	4.3	9.9	>10000	32.7	118	1.630
M899784		52	8.8	9.2	2560	27.5		
M899785		2	0.1	0.9	23	<0.5		
M899786		68	6.5	10.7	1100	25.9		



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**CERTIFICATE OF ANALYSIS WH12159054**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12159058**

Project: Klaza-74B

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12159058**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895417		5.63	<0.005	0.02	4.67	4.3	1630	0.93	1.13	0.52	0.04	44.0	3.6	30	8.21	1.2
M895418		4.72	<0.005	0.07	8.13	4.2	2060	1.48	18.00	1.24	0.04	66.7	8.2	13	12.10	3.6
M895419		4.68	<0.005	0.21	5.11	6.1	1280	0.74	22.6	1.83	0.05	58.4	5.8	37	6.68	5.2
M895420		5.30	<0.005	0.09	8.67	18.4	1830	1.81	40.5	9.90	0.15	29.0	3.8	7	15.80	2.2
M895421		5.21	<0.005	0.03	7.96	11.2	970	0.97	10.65	9.05	0.30	52.9	4.6	16	9.79	3.9
M895422		9.99	<0.005	0.04	8.69	12	1290	1.73	21.9	12.00	0.27	30.0	2.9	8	12.70	1.3
M895423		0.27	2.34	24.8	6.17	3560	1460	1.29	18.55	2.25	78.8	46.4	10.7	18	13.35	449
M895424		5.95	<0.005	0.34	11.30	13.4	1650	1.91	16.90	9.03	0.32	53.0	4.2	8	19.70	7.9
M895425		7.56	<0.005	0.89	7.88	10.2	2330	1.46	7.13	2.22	0.09	37.2	7.6	11	15.85	4.2
M895426		1.75	<0.005	0.06	0.11	<5	30	0.06	0.06	20.3	0.05	1.37	0.5	1	0.19	1.4
M895427		6.32	<0.005	0.19	9.39	9.8	3300	1.90	4.60	5.23	0.23	41.5	8.9	10	17.95	29.0
M895428		5.29	<0.005	0.14	7.47	5.4	1960	1.37	1.64	2.37	0.06	46.9	7.4	13	9.06	2.1
M895429		3.92	<0.005	0.07	7.67	4.2	4140	1.43	0.73	2.29	0.06	44.4	7.8	20	9.12	1.6
M895430		<0.02	<0.005	0.08	7.53	3.6	4150	1.53	0.76	2.25	0.06	44.8	8.4	19	9.35	1.7
M895431		5.36	<0.005	0.08	6.75	4.2	1150	1.38	0.66	2.59	0.05	36.5	7.3	14	11.60	2.8
M895432		7.98	<0.005	0.06	7.35	5.4	1220	1.61	0.32	2.44	0.06	41.1	7.7	17	15.35	5.1
M895433		8.58	0.006	0.30	7.58	10.0	1560	1.67	2.42	1.92	0.04	51.5	7.7	16	16.90	4.2
M895434		6.85	<0.005	0.18	7.56	5.3	1430	1.44	1.31	2.35	0.06	48.4	8.1	11	13.50	2.2
M895435		3.97	<0.005	0.16	7.92	21.8	1210	1.55	0.90	2.84	0.12	59.9	10.4	25	46.8	7.0
M895436		8.06	<0.005	<0.01	6.73	32.0	870	1.36	0.10	4.35	0.13	45.9	9.9	43	28.6	5.0
M895437		4.66	<0.005	0.20	7.59	25.7	1820	1.52	0.28	3.60	0.12	49.0	9.2	18	18.85	104.5
M895438		4.23	<0.005	0.12	6.99	3.0	1270	1.35	0.08	3.59	0.06	42.5	7.5	17	11.60	81.5
M895439		4.79	<0.005	0.06	5.79	3.0	2200	1.46	0.10	4.56	0.05	30.3	10.7	14	12.00	19.7
M895440		4.72	<0.005	0.04	6.55	3.5	1360	1.45	0.06	3.63	0.04	35.4	7.8	17	12.35	22.4
M895441		6.42	<0.005	0.06	7.38	2.5	2170	1.40	0.20	3.13	0.05	35.9	7.8	13	11.50	9.0
M895442		0.27	2.30	25.2	5.90	2690	580	1.30	20.8	2.17	79.5	41.7	10.8	17	13.30	432
M895443		7.78	<0.005	0.16	7.12	9.2	1350	1.33	0.16	3.26	0.13	40.2	8.4	17	10.65	9.0
M895444		6.27	<0.005	0.36	7.80	14.4	1330	1.34	0.75	2.39	0.24	51.6	7.4	11	11.65	3.9
M895445		4.96	0.015	0.98	7.61	32.0	1330	1.34	0.77	2.20	5.15	50.1	10.1	15	9.90	14.3
M895446		6.10	0.064	1.74	7.75	115.0	1300	1.28	1.37	0.47	13.10	36.4	11.3	13	11.90	28.1
M895447		2.55	<0.005	0.03	0.13	<5	50	0.08	0.02	21.7	0.06	0.96	0.8	<1	0.25	1.7
M895448		7.12	0.028	2.31	7.43	244	1350	1.39	1.49	0.52	19.85	48.0	10.9	15	10.15	16.5
M895449		7.42	0.007	0.77	7.96	87.5	1090	1.31	0.80	1.14	3.91	49.4	8.0	17	9.00	5.8
M895450		5.17	<0.005	0.22	7.53	8.3	1180	1.47	0.73	1.67	0.06	51.9	7.9	14	7.81	2.0
M895451		2.82	<0.005	0.24	8.04	6.4	1150	1.48	0.66	1.79	0.03	61.0	8.4	16	7.99	2.5
M895452		6.59	<0.005	0.15	7.97	8.2	1100	1.46	1.18	1.19	0.03	51.3	7.6	14	8.88	1.3



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Finalized Date: 1-AUG-2012  
Account: ROCKHA

Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12159058**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895417		2.00	13.55	0.17	1.1	0.112	1.59	23.4	15.0	0.22	448	1.84	0.24	6.7	2.2	550
M895418		3.42	21.2	0.18	1.3	0.397	2.48	32.0	29.1	0.48	1060	0.93	0.96	8.2	3.2	660
M895419		2.78	10.70	0.16	1.2	0.170	1.35	31.2	19.9	0.33	1020	2.68	0.39	7.9	2.9	700
M895420		6.22	35.3	0.14	1.5	7.09	2.05	11.4	19.8	0.23	2280	1.93	0.33	8.9	1.3	580
M895421		4.44	24.1	0.17	1.0	0.673	0.88	25.7	19.6	0.50	2220	1.03	0.08	7.3	2.5	610
M895422		5.76	33.8	0.13	1.0	1.390	1.79	11.6	15.7	0.24	2590	0.29	0.13	6.7	1.1	570
M895423		6.48	13.30	0.14	0.9	1.660	2.66	23.6	22.9	0.91	1900	12.45	0.04	5.7	14.5	450
M895424		5.97	36.9	0.15	1.2	2.15	3.60	27.0	20.5	0.43	2350	0.32	0.13	7.8	1.6	680
M895425		3.60	23.5	0.14	1.2	0.217	3.07	16.6	42.1	0.37	1230	3.75	0.50	7.4	2.3	680
M895426		0.46	0.27	0.11	<0.1	0.006	0.06	0.6	1.2	12.75	221	0.27	0.01	0.3	1.4	200
M895427		5.17	33.1	0.14	1.4	0.314	2.73	17.0	34.0	0.85	2280	0.39	0.63	9.3	2.7	770
M895428		2.90	16.40	0.15	1.2	0.081	2.58	20.5	29.8	0.51	1190	0.68	1.35	7.5	2.1	640
M895429		2.97	17.70	0.17	1.2	0.120	2.47	20.0	20.1	0.51	943	0.78	1.68	7.5	2.7	610
M895430		2.95	17.90	0.16	1.3	0.124	2.39	21.0	20.8	0.50	933	0.74	1.64	7.5	2.8	600
M895431		2.65	14.90	0.17	1.2	0.051	2.29	15.7	26.3	0.58	1020	0.86	1.30	7.4	2.6	660
M895432		3.09	16.00	0.17	1.4	0.047	2.08	17.8	22.3	0.59	785	1.32	1.60	8.1	2.8	650
M895433		2.68	16.05	0.15	1.3	0.064	2.56	24.8	23.4	0.61	873	1.32	1.40	8.0	2.4	700
M895434		3.07	16.65	0.07	0.9	0.050	2.56	24.0	46.0	0.78	1060	1.88	1.23	7.4	2.3	630
M895435		3.12	17.10	0.07	2.5	0.048	2.24	31.1	41.5	0.90	828	2.36	0.38	8.3	10.3	1090
M895436		3.35	19.45	0.08	3.8	0.037	1.57	20.1	58.7	1.04	952	0.90	0.96	10.4	17.7	1660
M895437		3.29	16.60	0.09	1.5	0.043	2.68	23.8	29.7	1.01	1110	0.91	0.94	7.9	6.5	860
M895438		2.95	16.10	0.07	0.9	0.032	2.39	19.1	21.3	0.65	1060	0.87	1.67	7.2	2.6	640
M895439		3.33	18.00	0.05	1.0	0.035	2.50	12.0	30.4	0.80	1250	0.78	1.43	8.2	2.8	640
M895440		3.03	16.25	0.07	0.8	0.028	2.62	15.9	19.2	0.74	1100	0.88	1.17	6.9	2.4	620
M895441		3.21	17.85	0.07	0.7	0.046	2.67	16.3	12.0	0.77	855	0.79	1.76	6.9	2.5	640
M895442		6.48	15.00	0.09	0.8	1.565	2.62	20.8	24.3	0.89	1840	14.00	0.04	5.8	15.4	440
M895443		3.18	15.55	0.06	0.9	0.040	2.95	18.3	32.1	0.87	1650	1.00	0.42	7.0	2.4	660
M895444		4.00	16.90	0.09	1.0	0.071	3.60	28.4	22.2	1.08	2490	0.59	0.05	7.2	2.3	650
M895445		4.54	16.80	0.09	0.9	0.117	3.58	25.0	20.8	1.04	3990	0.79	0.03	7.3	3.5	670
M895446		6.28	19.20	0.07	1.0	0.175	3.49	17.7	36.9	0.73	2920	2.35	0.04	7.2	3.0	670
M895447		0.50	0.29	<0.05	<0.1	<0.005	0.04	0.5	1.3	13.00	229	0.15	0.01	0.2	1.4	210
M895448		5.57	19.55	0.10	0.7	0.183	3.54	26.4	21.7	0.66	4370	1.12	0.04	7.0	2.9	590
M895449		4.22	18.00	0.10	0.9	0.133	3.47	25.0	35.4	0.84	2890	1.03	0.04	7.6	2.2	650
M895450		3.14	16.25	0.09	1.1	0.055	2.91	28.6	43.2	0.85	1340	0.98	0.08	7.5	2.2	640
M895451		3.39	17.50	0.11	1.1	0.060	3.08	31.7	45.3	0.91	1440	1.30	0.11	7.7	2.4	670
M895452		3.15	18.15	0.07	1.1	0.050	2.99	27.5	41.1	0.76	1090	0.67	0.60	7.7	2.3	660



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Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12159058**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M895417		6.0	106.0	<0.002	0.01	6.56	8.1	<1	1.7	101.0	0.57	<0.05	13.3	0.242	2.0
M895418		9.5	140.0	<0.002	0.01	6.63	15.0	1	2.8	181.0	0.69	<0.05	14.6	0.295	2.4
M895419		12.4	74.8	<0.002	0.08	7.63	12.0	1	1.7	145.0	0.68	<0.05	14.8	0.308	2.6
M895420		50.2	67.4	0.002	0.02	39.9	6.3	<1	35.2	941	1.03	<0.05	9.2	0.278	4.5
M895421		33.1	45.8	<0.002	0.03	26.3	11.4	1	3.7	911	0.58	<0.05	12.2	0.276	3.9
M895422		45.6	49.4	<0.002	0.05	38.6	7.1	<1	4.2	1120	0.59	<0.05	6.6	0.267	2.7
M895423		2830	162.5	<0.002	4.98	89.8	8.1	1	7.9	91.2	0.46	0.34	11.0	0.184	5.5
M895424		36.8	244	0.002	0.10	25.7	11.9	<1	4.5	642	0.64	<0.05	13.3	0.307	3.7
M895425		17.5	181.0	0.002	0.53	10.80	11.8	<1	1.8	167.0	0.63	0.32	10.4	0.310	2.1
M895426		1.2	1.8	<0.002	0.01	0.12	0.2	<1	0.3	36.8	<0.05	<0.05	<0.2	0.005	0.6
M895427		21.1	95.4	<0.002	0.18	15.10	11.6	1	2.1	386	0.76	0.06	8.7	0.349	3.9
M895428		8.4	123.5	<0.002	0.17	4.40	11.2	<1	1.6	169.0	0.63	<0.05	10.9	0.285	2.1
M895429		10.8	136.0	<0.002	0.23	2.85	11.3	<1	3.2	235	0.64	<0.05	11.4	0.277	3.7
M895430		11.7	136.0	<0.002	0.24	2.87	11.7	<1	3.3	233	0.67	<0.05	11.8	0.275	3.4
M895431		7.9	102.0	0.002	0.10	3.34	11.1	1	1.5	188.5	0.64	<0.05	10.2	0.270	3.1
M895432		11.4	93.8	0.002	0.06	5.09	11.4	<1	1.6	247	0.80	<0.05	11.3	0.289	3.8
M895433		11.2	132.0	<0.002	0.30	7.82	13.0	<1	1.8	151.0	0.76	<0.05	12.2	0.299	3.5
M895434		8.5	139.0	<0.002	0.13	5.02	11.8	<1	1.6	181.5	0.57	<0.05	12.8	0.270	2.3
M895435		15.9	108.0	0.003	0.15	9.02	9.8	<1	1.4	396	0.63	<0.05	11.8	0.338	3.1
M895436		16.8	30.9	<0.002	0.02	15.75	7.4	<1	1.3	735	0.60	<0.05	5.1	0.437	2.1
M895437		18.2	118.0	<0.002	0.08	24.3	10.9	<1	1.4	333	0.56	<0.05	10.7	0.314	3.5
M895438		6.8	99.8	<0.002	0.02	3.13	10.8	<1	1.4	259	0.59	<0.05	9.9	0.276	3.1
M895439		9.6	75.9	<0.002	0.04	4.56	10.5	<1	1.6	330	0.64	<0.05	7.2	0.297	2.6
M895440		6.3	106.0	<0.002	0.05	7.27	10.8	<1	1.4	242	0.49	<0.05	7.5	0.268	2.2
M895441		12.6	99.1	<0.002	0.03	3.31	10.9	<1	1.5	419	0.52	<0.05	8.3	0.278	2.7
M895442		2740	152.5	0.004	4.80	94.9	8.0	<1	8.2	94.6	0.44	0.40	9.7	0.179	5.4
M895443		9.6	113.5	<0.002	0.10	5.67	10.7	<1	1.6	152.5	0.56	<0.05	9.8	0.283	2.8
M895444		33.1	194.0	<0.002	0.14	6.18	12.9	<1	2.0	111.0	0.53	<0.05	12.0	0.291	3.4
M895445		260	198.0	<0.002	0.46	6.60	12.8	<1	3.0	105.0	0.50	<0.05	11.2	0.285	4.1
M895446		463	169.0	<0.002	1.56	18.05	12.2	<1	6.0	76.5	0.54	<0.05	12.1	0.284	11.8
M895447		1.5	1.9	<0.002	0.02	0.10	0.2	<1	<0.2	42.6	<0.05	<0.05	<0.2	<0.005	0.6
M895448		827	201	<0.002	1.06	14.65	12.1	<1	4.2	57.9	0.50	<0.05	11.5	0.261	3.9
M895449		214	192.5	<0.002	0.22	8.14	12.5	<1	2.9	74.5	0.54	<0.05	13.6	0.283	2.3
M895450		8.9	152.0	<0.002	0.12	7.79	11.8	<1	1.6	91.4	0.60	<0.05	14.6	0.271	2.7
M895451		8.7	160.0	<0.002	0.09	7.73	12.3	<1	1.6	96.2	0.60	<0.05	14.5	0.288	2.9
M895452		7.2	148.5	<0.002	0.12	6.28	12.3	<1	1.7	116.0	0.61	<0.05	14.2	0.284	2.8



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 Finalized Date: 1-AUG-2012  
 Account: ROCKHA

Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12159058**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895417		81	1.0	5.0	41	25.7
M895418		112	1.3	10.5	86	33.5
M895419		68	1.1	9.0	56	28.8
M895420		207	2.1	10.6	63	33.6
M895421		145	1.0	15.7	83	26.5
M895422		202	1.3	10.8	59	25.0
M895423		57	5.1	10.1	5320	23.8
M895424		230	1.7	15.2	93	28.9
M895425		189	1.2	6.9	66	27.0
M895426		2	0.1	0.8	15	<0.5
M895427		205	1.2	12.6	173	33.7
M895428		87	1.1	9.1	69	27.3
M895429		105	1.3	11.2	118	27.8
M895430		104	1.4	11.4	115	28.7
M895431		81	1.0	11.2	64	27.4
M895432		85	1.6	13.2	62	30.6
M895433		95	1.9	11.2	54	29.7
M895434		76	1.6	11.5	59	25.4
M895435		85	1.8	10.6	83	93.9
M895436		89	1.2	9.6	102	164.0
M895437		81	1.4	11.7	84	50.7
M895438		80	1.4	9.6	54	20.9
M895439		88	1.5	9.5	58	24.6
M895440		79	1.2	9.5	49	20.6
M895441		90	0.6	10.8	49	19.2
M895442		55	4.8	9.2	5390	23.2
M895443		81	1.2	10.4	69	19.9
M895444		82	2.5	13.3	81	23.2
M895445		86	2.3	13.5	581	23.8
M895446		86	3.9	7.4	1380	24.7
M895447		2	0.1	0.7	16	0.5
M895448		101	3.6	8.5	2020	20.9
M895449		86	2.1	10.5	453	24.8
M895450		76	1.6	10.4	53	23.8
M895451		80	1.8	11.1	55	25.0
M895452		82	1.3	9.3	71	27.5



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Project: Klaza-74B

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**CERTIFICATE OF ANALYSIS WH12159058**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12159059**

Project: Klaza-74B

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12159059**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895453		6.36	0.005	0.22	7.43	10.2	1000	1.57	1.21	1.47	0.04	50.7	8.3	17	8.53	3.0
M895454		7.59	<0.005	0.21	6.60	9.5	1270	1.59	0.76	2.26	0.16	42.8	7.0	19	11.05	3.1
M895455		6.49	<0.005	0.02	6.51	4.9	850	1.51	0.12	2.91	0.03	37.4	6.1	13	11.60	7.4
M895456		3.00	<0.005	0.03	6.69	3.9	890	1.59	0.15	2.78	0.04	40.3	6.7	17	11.85	2.3
M895457		5.23	<0.005	0.02	6.34	4.1	910	1.45	0.08	2.71	0.05	47.8	9.5	14	11.20	4.6
M895458		7.18	<0.005	0.01	6.65	6.0	840	1.41	0.09	3.16	0.04	44.3	8.4	14	9.66	4.9
M895459		4.53	0.006	0.24	7.08	12.4	980	1.54	0.74	2.64	0.05	39.0	11.7	12	11.00	5.1
M895460		7.59	<0.005	0.18	7.21	6.2	960	1.36	0.89	2.18	0.05	39.5	6.5	14	11.80	3.2
M895461		7.96	<0.005	0.21	7.43	9.9	920	1.33	1.72	1.76	0.03	46.2	7.9	15	11.00	2.6
M895462		4.64	<0.005	0.29	7.28	62.4	920	1.47	1.19	2.29	0.08	47.8	8.3	15	24.6	7.2
M895463		5.76	<0.005	0.26	7.20	40.3	1150	1.32	2.01	2.21	0.06	45.2	7.9	16	12.75	9.3
M895464		10.90	<0.005	0.25	7.28	27.9	940	1.30	1.58	2.10	0.07	44.4	9.3	13	10.65	11.4
M895465		0.22	2.39	24.3	6.25	3550	1860	1.20	18.65	2.24	75.4	43.1	9.9	20	14.55	439
M895466		5.02	0.048	0.60	7.89	46.9	1030	1.25	1.68	1.18	0.50	54.6	8.5	13	12.60	8.2
M895467		8.60	0.011	0.96	7.89	87.8	1130	1.35	2.18	1.33	0.40	47.2	11.5	14	14.90	7.3
M895468		5.13	0.006	0.85	7.75	54.2	1010	1.13	1.47	0.60	3.51	61.4	8.4	14	10.60	6.2
M895469		5.68	0.192	9.67	6.42	562	540	1.06	4.38	1.46	109.0	46.6	9.2	9	13.45	48.2
M895470		1.25	<0.005	0.02	0.07	<5	20	0.06	0.02	19.95	0.11	1.12	1.2	1	0.18	1.8
M895471		8.22	<0.005	0.17	7.46	15.0	1570	1.32	0.65	1.28	0.15	52.2	7.5	13	12.40	4.2
M895472		7.45	0.007	0.90	8.01	53.5	1840	1.31	2.05	0.99	1.24	54.8	11.1	13	12.80	8.7
M895473		4.92	0.011	0.86	8.65	114.5	3320	1.63	1.23	1.15	1.20	74.0	7.7	14	29.1	8.0
M895474		7.48	<0.005	0.14	7.44	24.9	1030	1.77	0.22	2.62	0.36	54.4	5.3	25	26.2	11.9
M895475		<0.02	<0.005	0.15	7.67	25.3	990	1.80	0.23	2.67	0.38	58.4	5.3	25	27.3	12.1
M895476		4.89	0.138	2.38	7.31	144.5	1260	1.34	3.48	0.49	1.77	53.3	11.4	12	18.60	13.4
M895477		7.94	0.020	0.95	7.52	54.8	2110	1.37	1.80	0.47	0.64	59.1	7.6	12	13.85	10.9
M895478		13.72	<0.005	0.14	7.02	27.2	1340	1.53	0.21	3.46	0.18	49.4	6.2	32	27.8	15.8
M895479		6.25	<0.005	0.09	6.94	23.7	1220	1.71	0.18	3.24	0.15	49.3	6.1	30	28.2	13.6
M895480		4.42	<0.005	0.66	6.98	33.6	1600	1.43	0.88	3.79	0.49	46.1	7.6	14	21.7	10.9
M895481		5.64	<0.005	0.23	7.51	14.3	2490	1.45	1.91	4.75	0.22	44.8	9.0	10	21.9	15.2
M895482		5.62	0.006	0.31	10.25	37.9	4410	1.53	6.91	6.23	0.34	46.1	8.7	9	34.5	3.6
M895483		8.01	<0.005	0.23	7.28	9.8	2300	1.34	1.51	3.95	0.12	43.0	8.8	15	16.60	11.6
M895484		0.31	0.777	9.26	6.65	1795	1510	1.34	6.27	1.85	40.0	45.5	15.4	19	16.50	99.3
M895485		7.63	<0.005	0.12	6.57	8.7	2980	1.18	0.20	3.63	0.09	38.2	7.9	12	14.15	7.0
M895486		12.61	<0.005	0.18	6.66	12.0	1640	1.28	0.11	3.13	0.40	40.7	7.8	16	14.45	5.3
M895487		7.26	<0.005	0.19	7.11	8.2	2290	1.37	0.15	3.51	0.83	44.4	8.0	11	24.0	4.3
M895488		1.54	<0.005	0.05	0.51	<5	160	0.14	0.10	18.50	0.12	4.03	2.0	2	2.09	10.8



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Account: ROCKHA

Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12159059**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895453		3.13	17.20	0.11	1.3	0.074	2.64	24.9	21.2	0.66	1120	0.73	1.11	7.8	2.8	630
M895454		2.95	16.50	0.10	1.1	0.057	2.56	19.6	30.6	0.70	1100	0.87	0.88	7.7	2.9	590
M895455		3.25	15.50	0.13	1.2	0.035	2.34	16.7	23.3	0.61	943	3.92	1.32	7.2	6.0	600
M895456		3.16	16.20	0.11	1.1	0.039	2.41	17.1	22.4	0.62	927	0.75	1.29	7.2	2.8	610
M895457		3.19	15.75	0.10	1.1	0.032	2.32	23.5	17.4	0.73	832	1.53	1.55	7.3	2.7	580
M895458		3.43	16.35	0.12	1.1	0.037	2.17	21.7	19.6	0.73	896	0.53	1.70	6.8	2.8	590
M895459		4.26	15.75	0.11	1.2	0.078	2.68	17.3	31.8	0.75	1410	0.57	0.86	6.9	2.9	600
M895460		3.67	16.20	0.11	1.1	0.071	2.74	17.0	34.4	0.83	1240	1.53	0.70	7.3	2.5	620
M895461		3.04	16.25	0.09	1.3	0.055	2.72	22.9	20.4	0.60	944	0.67	1.10	7.5	2.6	600
M895462		3.00	16.80	0.13	1.2	0.047	3.01	24.8	31.8	0.81	1150	0.68	0.48	7.5	2.7	610
M895463		3.07	15.20	0.14	1.1	0.044	2.77	22.1	25.8	0.73	1140	0.99	0.74	8.2	3.0	640
M895464		3.38	14.90	0.16	1.1	0.050	2.95	22.6	31.8	0.79	1240	0.69	0.44	7.8	2.7	640
M895465		6.84	13.10	0.19	0.9	1.585	2.63	23.0	23.8	0.93	2020	13.15	0.04	6.5	13.8	480
M895466		5.28	16.10	0.19	1.1	0.143	3.43	29.2	34.3	0.88	2220	0.85	0.04	7.8	2.7	660
M895467		5.05	14.90	0.17	1.1	0.126	3.39	24.5	20.9	0.86	2690	1.14	0.04	7.9	3.0	660
M895468		5.29	15.70	0.19	1.1	0.153	3.52	33.7	14.5	0.73	4000	0.70	0.03	8.1	2.1	680
M895469		6.92	14.05	0.20	0.9	0.369	2.62	24.2	15.7	0.74	3610	5.73	0.03	6.5	2.7	560
M895470		0.49	0.30	0.08	<0.1	<0.005	0.03	0.5	0.9	12.55	233	0.10	0.01	0.3	2.1	160
M895471		3.85	16.40	0.15	1.2	0.093	3.07	28.1	57.6	0.90	1230	0.51	0.03	7.6	2.3	630
M895472		4.07	15.90	0.17	1.1	0.141	3.43	29.1	63.4	0.76	1810	0.66	0.05	7.8	2.5	700
M895473		3.73	17.95	0.16	2.1	0.103	2.77	38.6	79.3	0.70	1950	1.19	0.06	11.7	2.7	930
M895474		2.44	18.50	0.14	3.5	0.028	2.20	26.8	120.0	0.86	1100	1.15	0.07	11.1	13.8	770
M895475		2.51	18.75	0.16	3.7	0.028	2.29	29.3	122.0	0.90	1130	1.10	0.07	11.3	14.1	790
M895476		5.98	15.60	0.19	1.2	0.198	2.82	28.0	40.9	0.66	1700	0.70	0.03	7.9	3.6	660
M895477		5.28	16.50	0.17	1.2	0.214	3.34	31.8	29.5	0.68	2820	0.71	0.04	8.1	2.7	660
M895478		2.09	18.45	0.14	4.1	0.029	2.50	24.5	41.1	0.85	871	1.33	0.06	9.9	20.9	680
M895479		2.05	18.00	0.15	4.0	0.024	2.47	24.9	60.0	0.81	677	1.33	0.06	9.4	20.9	650
M895480		2.82	15.05	0.16	1.8	0.075	3.02	23.1	22.9	0.75	1880	0.92	0.04	8.2	6.6	670
M895481		3.47	17.30	0.16	1.3	0.067	3.20	21.3	27.1	0.90	1920	0.34	0.35	8.9	2.8	690
M895482		4.07	24.1	0.16	1.4	0.080	3.77	20.5	60.1	1.26	2680	0.17	0.62	10.5	2.7	790
M895483		3.00	15.70	0.15	1.3	0.040	2.74	20.9	25.6	0.89	1540	0.74	1.02	8.4	2.5	650
M895484		5.17	14.05	0.17	1.3	0.870	2.75	23.4	24.6	0.68	2040	12.30	0.25	7.9	14.0	520
M895485		2.88	14.05	0.14	1.1	0.035	2.56	19.1	30.7	0.85	1230	0.50	0.80	7.6	2.2	590
M895486		2.85	14.25	0.13	1.1	0.040	2.63	19.6	30.8	0.76	1620	0.81	0.89	8.2	2.5	620
M895487		3.04	15.25	0.14	1.3	0.039	2.83	21.0	55.7	0.89	1560	0.58	0.54	8.8	2.3	660
M895488		0.60	1.11	0.08	0.1	0.008	0.20	2.0	3.3	11.45	311	0.15	0.04	0.9	2.5	180



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Account: ROCKHA

Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12159059**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M895453		9.2	129.0	<0.002	0.12	4.50	12.5	1	2.0	138.0	0.63	0.11	14.3	0.277	1.54	3.0
M895454		17.0	102.0	<0.002	0.12	4.09	11.3	<1	1.6	173.5	0.59	<0.05	12.1	0.275	1.47	2.6
M895455		11.6	89.1	<0.002	0.04	3.17	10.4	<1	1.4	202	0.62	<0.05	10.4	0.274	1.39	2.5
M895456		7.3	97.1	<0.002	0.04	3.20	10.7	1	1.5	192.0	0.56	<0.05	10.5	0.273	1.40	2.3
M895457		7.3	111.0	<0.002	0.06	3.36	10.6	1	1.6	213	0.60	<0.05	12.1	0.275	1.30	3.3
M895458		6.3	86.4	<0.002	0.05	3.11	10.3	1	1.4	209	0.56	<0.05	10.5	0.266	1.18	2.8
M895459		12.4	111.0	<0.002	0.38	9.92	11.0	1	1.9	169.5	0.57	<0.05	11.2	0.270	1.61	3.5
M895460		10.7	123.0	<0.002	0.15	5.83	11.4	1	1.5	157.0	0.62	<0.05	11.7	0.281	1.77	3.2
M895461		9.6	142.5	<0.002	0.26	5.51	11.6	<1	1.5	131.0	0.63	<0.05	12.8	0.271	1.76	2.5
M895462		8.2	144.0	<0.002	0.17	6.94	12.0	1	1.9	159.0	0.58	<0.05	12.8	0.275	2.07	2.7
M895463		11.2	123.0	<0.002	0.37	8.00	10.7	1	1.7	164.5	0.64	<0.05	12.0	0.269	1.85	2.9
M895464		11.8	142.5	<0.002	0.31	7.83	10.7	1	2.3	133.0	0.59	<0.05	11.8	0.265	1.94	3.4
M895465		2820	158.0	0.002	4.88	85.7	7.5	1	7.5	93.5	0.50	0.35	11.1	0.182	2.32	5.7
M895466		18.5	186.5	<0.002	0.84	16.10	11.3	1	2.4	84.3	0.58	<0.05	13.7	0.267	2.17	4.5
M895467		79.8	171.5	<0.002	1.01	20.1	10.7	1	2.1	82.2	0.64	<0.05	13.6	0.267	2.33	8.2
M895468		153.5	203	<0.002	0.56	8.68	11.7	1	2.5	55.4	0.66	<0.05	14.3	0.270	2.57	3.6
M895469		3430	150.5	<0.002	5.01	21.7	9.6	1	5.3	133.5	0.51	0.05	12.0	0.217	1.94	4.8
M895470		3.4	1.5	<0.002	0.01	0.05	0.3	1	<0.2	42.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M895471		9.6	174.5	<0.002	0.17	6.64	11.4	1	2.1	125.0	0.60	<0.05	13.8	0.263	1.87	2.4
M895472		77.7	187.5	<0.002	0.42	8.55	11.9	1	2.3	101.5	0.61	<0.05	14.2	0.275	2.32	2.6
M895473		65.6	143.0	<0.002	0.48	15.35	9.3	1	2.5	337	0.85	<0.05	14.4	0.299	2.27	5.1
M895474		20.1	72.7	<0.002	0.13	12.20	5.6	1	2.0	523	0.81	<0.05	10.2	0.265	1.45	4.9
M895475		20.7	79.1	<0.002	0.13	12.40	5.8	1	2.0	536	0.84	<0.05	11.0	0.275	1.47	5.1
M895476		134.5	163.5	<0.002	1.99	10.85	9.9	1	4.2	126.5	0.62	0.09	13.1	0.241	2.07	3.7
M895477		49.2	192.5	<0.002	0.89	7.57	11.2	1	3.9	79.9	0.66	0.07	14.1	0.257	2.34	2.8
M895478		22.5	75.1	<0.002	0.30	8.63	5.5	1	2.0	572	0.77	<0.05	10.0	0.257	1.48	4.2
M895479		21.2	83.1	<0.002	0.19	7.39	5.3	1	1.9	596	0.73	<0.05	10.2	0.247	1.47	4.1
M895480		34.9	139.0	<0.002	0.23	7.53	9.0	1	1.8	391	0.70	<0.05	12.5	0.250	1.88	3.5
M895481		20.1	123.5	<0.002	0.24	4.94	10.7	1	2.8	328	0.73	<0.05	11.9	0.286	2.10	3.8
M895482		36.5	97.4	<0.002	0.20	8.08	10.6	1	2.2	518	0.91	<0.05	11.2	0.327	2.45	5.4
M895483		19.2	112.5	<0.002	0.22	3.95	10.0	1	2.7	345	0.73	<0.05	11.8	0.262	1.47	4.1
M895484		1290	159.0	0.002	3.01	33.0	8.0	1	5.8	154.5	0.61	0.33	12.3	0.203	2.40	5.4
M895485		15.1	108.5	<0.002	0.18	3.27	9.2	1	1.9	294	0.61	<0.05	11.0	0.241	1.50	2.9
M895486		19.1	120.5	<0.002	0.12	3.92	9.9	1	1.8	243	0.67	<0.05	11.3	0.257	1.65	3.9
M895487		38.9	114.0	<0.002	0.09	5.28	10.1	1	1.6	321	0.72	<0.05	11.6	0.274	1.91	5.0
M895488		11.9	12.5	<0.002	0.03	0.35	0.9	1	0.8	54.2	0.05	<0.05	0.9	0.017	0.14	1.0



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Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12159059**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
M895453		78	1.6	10.0	67	28.4	
M895454		74	1.9	8.9	58	25.4	
M895455		77	1.3	9.3	49	26.0	
M895456		77	1.2	8.9	47	24.8	
M895457		76	1.0	10.5	39	24.4	
M895458		76	1.2	9.3	44	23.4	
M895459		74	2.3	10.6	56	23.5	
M895460		77	2.5	11.2	55	23.3	
M895461		79	1.8	10.1	53	25.8	
M895462		78	2.0	11.1	52	27.1	
M895463		74	1.7	10.9	42	27.9	
M895464		76	2.0	11.8	53	28.1	
M895465		56	5.4	10.2	5460	25.4	
M895466		83	2.9	11.4	120	27.9	
M895467		75	3.8	14.5	100	27.9	
M895468		77	4.4	10.4	476	28.2	
M895469		64	5.7	10.3	>10000	23.4	1.240
M895470		2	0.1	0.8	22	<0.5	
M895471		83	5.6	11.0	85	30.4	
M895472		82	4.0	10.8	198	26.4	
M895473		67	3.8	12.8	194	67.3	
M895474		50	1.7	12.2	85	135.0	
M895475		52	1.8	12.7	88	138.0	
M895476		70	6.4	8.4	275	33.2	
M895477		74	7.2	9.4	149	30.2	
M895478		50	1.3	11.1	70	156.0	
M895479		48	1.0	10.9	59	150.5	
M895480		67	2.5	13.4	79	59.7	
M895481		86	2.3	13.7	108	33.0	
M895482		131	2.2	14.7	191	36.3	
M895483		75	1.4	12.3	130	32.2	
M895484		56	5.3	11.7	2940	38.7	
M895485		69	1.2	11.1	80	29.6	
M895486		72	1.5	11.6	101	28.7	
M895487		75	1.7	13.2	125	33.3	
M895488		5	0.2	1.8	20	2.8	



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**CERTIFICATE OF ANALYSIS WH12159059**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12159380**

Project: Klaza-79

P.O. No.: Batch 4

This report is for 23 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12159380**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M897331		2.11	0.312	44.8	6.84	268	2060	1.52	0.58	2.37	1.29	49.3	7.3	8	17.65	127.0
M897332		2.60	<0.005	0.18	0.13	7	30	0.10	0.04	21.7	0.06	1.39	0.8	<1	0.26	2.8
M897333		4.46	<0.005	0.38	6.49	5.5	1520	1.94	0.28	2.41	0.20	43.6	1.8	5	16.00	14.8
M897334		0.22	2.33	25.7	6.25	2960	1360	1.20	21.3	2.28	81.4	40.8	11.2	18	13.60	444
M897335		3.07	<0.005	0.16	8.28	10.9	3700	1.14	1.20	1.96	0.24	45.6	6.7	4	12.80	32.9
M897336		3.59	<0.005	0.09	7.75	7.7	2380	1.53	0.35	2.73	0.10	43.2	6.1	12	11.55	12.4
M897337		1.78	<0.005	0.13	7.11	11.5	2730	1.29	1.03	4.18	0.11	39.0	29.8	8	10.70	3.2
M897338		3.02	<0.005	0.02	0.10	<5	30	0.05	0.02	21.8	0.06	1.09	0.7	1	0.28	3.1
M897339		5.21	0.011	0.10	7.11	7.7	2370	1.26	0.53	3.01	0.11	41.7	8.9	10	7.93	9.7
M897340		2.41	<0.005	0.08	7.73	7.4	2340	1.30	0.42	2.44	0.11	48.7	8.5	13	7.43	9.1
M897341		3.90	0.213	0.14	7.16	7.1	2310	1.30	0.46	3.34	0.15	45.0	8.8	11	8.61	10.5
M897342		<0.02	0.066	0.08	6.94	7.0	2210	1.32	0.51	3.25	0.14	42.3	8.4	11	8.36	9.6
M897343		5.06	<0.005	0.08	7.00	5.3	2140	1.43	0.55	2.76	0.12	39.8	7.5	13	10.85	11.8
M897344		2.27	<0.005	0.09	7.05	8.2	2170	1.36	0.42	2.49	0.10	43.3	6.9	10	11.25	11.0
M897345		0.89	<0.005	0.09	7.07	6.9	2210	1.43	0.46	2.37	0.11	48.0	6.8	9	11.35	12.1
M897346		1.56	<0.005	0.19	6.88	8.9	2690	1.20	1.07	3.05	0.11	42.0	9.9	9	8.98	3.4
M897347		1.89	0.014	0.10	7.72	6.7	2610	1.26	1.57	2.37	0.22	39.0	5.1	10	9.88	2.5
M897348		0.22	2.26	25.0	5.77	3360	210	1.38	17.40	2.14	77.1	44.3	10.6	20	13.95	417
M897349		4.37	<0.005	0.17	7.03	15.5	2300	1.52	1.48	2.96	0.42	43.1	6.2	12	13.05	5.0
M897350		4.44	0.007	0.13	6.84	16.2	1830	1.47	0.35	2.43	0.17	42.9	7.2	20	12.40	5.9
M897351		2.56	0.015	0.58	6.22	25.5	650	1.35	0.57	2.44	1.03	50.2	14.8	10	13.10	20.3
M897352		1.27	0.021	2.03	6.68	29.9	840	1.40	0.25	3.53	12.60	46.8	8.7	10	12.75	22.2
M897353		2.94	<0.005	0.08	7.48	6.4	2030	1.61	0.22	2.35	0.14	48.1	8.0	13	14.35	7.8





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**CERTIFICATE OF ANALYSIS WH12159380**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
M897331		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897332		2.61	16.60	0.08	1.1	0.039	3.34	28.6	46.1	0.79	4960	2.72	0.06	7.2	2.2	510
M897333		0.49	0.34	<0.05	<0.1	<0.005	0.06	0.7	1.6	12.85	230	0.19	0.01	0.2	1.9	190
M897334		1.38	14.65	0.08	2.0	0.008	2.55	22.8	68.4	0.74	750	4.80	0.05	8.9	0.8	190
M897335		6.78	15.00	0.08	0.9	1.580	2.74	23.2	24.6	0.94	1940	13.45	0.04	5.7	15.5	460
M897336		2.63	16.40	0.09	1.5	0.039	4.21	24.8	37.5	0.68	606	1.83	0.48	8.1	1.6	670
M897337		3.26	17.55	0.08	0.9	0.051	2.92	20.0	17.4	0.83	654	3.14	2.05	8.3	2.5	660
M897338		4.39	19.95	0.08	1.1	0.224	2.31	18.6	19.5	0.79	1270	0.45	2.71	7.8	2.6	600
M897339		0.50	0.26	<0.05	<0.1	0.005	0.04	0.5	1.2	12.95	229	0.16	0.01	0.2	2.0	200
M897340		3.31	17.45	0.08	1.1	0.074	2.71	18.8	26.7	0.81	744	2.36	1.40	8.1	2.5	640
M897341		3.23	16.50	0.09	1.1	0.044	2.98	26.5	18.1	0.84	591	2.07	2.05	7.6	2.3	640
M897342		3.21	16.75	0.08	1.0	0.062	2.88	21.4	26.3	0.81	704	2.02	1.47	7.8	2.5	600
M897343		3.10	16.35	0.09	1.0	0.063	2.79	20.7	25.3	0.78	677	2.61	1.42	7.5	2.5	590
M897344		2.79	16.70	0.07	1.2	0.038	2.73	19.2	31.1	0.66	577	2.72	1.58	7.6	2.2	570
M897345		2.87	17.20	0.09	1.1	0.055	2.96	19.6	27.8	0.67	668	2.94	1.12	7.9	2.2	560
M897346		2.87	17.65	0.11	1.1	0.065	2.99	22.5	28.4	0.66	671	2.91	1.08	8.2	2.1	570
M897347		3.66	15.55	0.07	1.1	0.109	2.55	20.4	27.9	0.68	907	1.46	1.85	7.2	2.2	550
M897348		3.18	17.40	0.08	1.3	0.094	2.19	18.3	24.6	0.74	814	1.23	2.43	7.7	2.2	580
M897349		6.56	13.25	0.08	0.9	1.655	2.51	22.8	22.7	0.88	1800	13.05	0.04	5.5	16.0	430
M897350		3.28	15.55	0.07	1.3	0.113	2.18	18.4	18.5	0.67	899	1.07	2.16	7.5	2.7	540
M897351		2.83	14.75	0.10	1.1	0.072	3.02	19.9	23.0	0.63	748	3.17	1.31	7.5	2.6	550
M897352		2.55	12.55	0.12	1.4	0.066	1.92	25.2	76.4	0.80	1300	1.45	0.07	6.5	2.6	400
M897353		2.77	13.15	0.10	1.2	0.069	2.03	26.1	86.4	1.12	1340	1.76	0.03	6.6	2.3	470
M897353		2.87	15.65	0.10	1.5	0.045	2.82	21.1	25.6	0.69	595	1.66	1.71	8.2	2.7	570



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**CERTIFICATE OF ANALYSIS WH12159380**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897331		207	158.5	<0.002	1.00	167.5	9.7	1	3.1	218	0.57	0.06	13.4	0.221	2.40	6.3
M897332		1.6	2.2	<0.002	0.01	0.45	0.5	<1	<0.2	42.5	<0.05	<0.05	0.2	0.005	0.03	0.5
M897333		23.8	94.7	<0.002	0.07	25.3	2.6	<1	1.5	279	0.92	<0.05	12.5	0.088	1.55	12.3
M897334		2870	159.0	<0.002	5.08	98.0	8.2	<1	8.2	95.1	0.43	0.37	10.3	0.186	2.45	5.5
M897335		23.1	145.5	<0.002	0.08	14.00	5.7	<1	2.0	257	0.58	<0.05	16.7	0.206	1.98	5.4
M897336		17.7	96.3	<0.002	0.03	5.94	10.7	<1	2.7	373	0.59	<0.05	10.1	0.276	1.30	3.2
M897337		9.4	76.3	<0.002	0.67	5.01	10.2	1	4.4	245	0.56	0.15	9.9	0.247	1.24	3.4
M897338		1.2	1.9	<0.002	0.02	0.20	0.3	<1	<0.2	45.0	<0.05	<0.05	<0.2	0.005	0.02	0.7
M897339		15.6	79.8	<0.002	0.10	7.39	10.3	<1	3.2	296	0.60	0.05	10.5	0.267	1.16	3.0
M897340		18.6	95.2	<0.002	0.02	5.64	10.1	1	2.6	374	0.59	<0.05	13.6	0.271	1.23	3.7
M897341		18.3	98.7	<0.002	0.04	8.86	10.5	1	2.7	334	0.58	<0.05	11.5	0.255	1.26	3.4
M897342		18.2	94.2	<0.002	0.04	8.60	10.1	<1	2.5	323	0.59	<0.05	12.1	0.245	1.22	3.5
M897343		17.9	87.2	0.002	0.03	6.63	9.5	<1	2.2	362	0.65	<0.05	11.0	0.248	1.17	3.3
M897344		17.2	101.5	<0.002	0.08	7.48	9.7	<1	2.4	261	0.62	0.07	11.2	0.247	1.36	2.9
M897345		17.2	121.0	<0.002	0.09	7.09	10.5	<1	2.7	245	0.62	<0.05	12.5	0.244	1.41	3.2
M897346		12.6	93.0	<0.002	0.83	5.75	9.4	<1	2.5	226	0.56	0.06	11.5	0.234	1.33	4.8
M897347		22.7	79.9	<0.002	0.18	8.81	10.1	<1	2.9	211	0.66	<0.05	13.9	0.251	1.11	3.0
M897348		2700	145.0	0.003	4.69	93.4	7.9	1	7.8	86.3	0.45	0.31	10.2	0.175	2.23	5.4
M897349		24.5	81.9	<0.002	0.24	8.52	9.9	1	2.8	252	0.70	<0.05	11.8	0.237	1.13	3.6
M897350		18.0	110.0	0.003	0.27	6.69	9.5	1	2.3	269	0.71	<0.05	11.4	0.240	1.61	4.1
M897351		74.3	98.4	0.003	0.68	21.1	8.1	1	3.9	151.0	0.75	<0.05	15.6	0.179	1.51	6.1
M897352		430	98.8	0.003	0.50	17.35	8.8	<1	3.6	179.5	0.66	<0.05	12.9	0.207	1.58	7.4
M897353		18.0	114.0	0.003	0.02	5.52	10.6	1	2.5	326	0.85	<0.05	12.9	0.256	1.35	4.9



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**CERTIFICATE OF ANALYSIS WH12159380**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897331		59	2.9	14.6	125	28.4
M897332		3	0.1	0.9	15	<0.5
M897333		15	1.7	12.0	41	54.7
M897334		57	5.0	9.2	5400	23.5
M897335		44	2.7	13.3	51	57.2
M897336		75	1.8	14.7	50	27.3
M897337		72	5.5	15.9	55	29.5
M897338		2	0.1	0.8	15	0.6
M897339		74	2.7	15.7	49	29.0
M897340		74	2.7	14.6	48	27.9
M897341		71	2.6	17.1	52	27.4
M897342		68	2.6	16.5	50	26.6
M897343		67	2.7	14.6	45	29.2
M897344		67	2.8	14.4	44	30.3
M897345		68	2.7	15.0	43	32.6
M897346		60	4.3	13.3	46	27.0
M897347		69	2.1	13.5	47	31.6
M897348		54	4.8	8.7	5290	23.8
M897349		63	4.6	13.6	49	32.9
M897350		62	2.6	13.1	44	28.1
M897351		49	2.5	12.8	96	31.7
M897352		56	3.2	14.7	916	29.6
M897353		67	1.9	15.4	48	36.1



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**CERTIFICATE OF ANALYSIS WH12159380**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12159381**

Project: Klaza-80

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12159381**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899787		11.59	0.020	0.59	8.00	42.7	2020	1.87	0.83	1.75	7.59	63.6	7.8	9	17.80	32.8
M899788		5.72	0.313	2.88	7.29	152.0	470	1.52	3.29	1.04	4.13	57.4	6.5	9	13.40	43.5
M899789		0.30	2.36	24.9	5.95	3420	280	1.41	17.50	2.20	78.2	45.9	10.6	19	14.00	426
M899790		3.81	0.257	5.92	6.84	308	250	1.37	8.74	0.06	1.37	47.9	5.3	10	5.58	80.4
M899791		2.88	<0.005	0.06	0.22	<5	50	0.07	0.06	19.20	0.09	1.56	0.8	6	0.41	2.3
M899792		12.59	0.008	0.32	7.31	14.1	1870	1.47	0.54	1.89	4.61	53.8	6.0	9	14.15	21.5
M899793		5.13	0.005	0.17	8.00	16.3	2320	1.36	0.54	1.05	0.21	57.9	8.6	10	13.30	10.5
M899794		3.41	0.011	0.36	6.97	68.4	1360	1.52	0.66	1.99	2.07	54.7	6.8	16	28.6	13.4
M899795		11.48	0.006	0.24	7.60	12.4	2110	1.51	0.56	1.35	0.55	51.3	6.2	11	22.7	23.7
M899796		4.16	0.008	0.25	7.89	15.7	2280	1.17	0.66	0.91	0.70	51.7	7.0	8	12.85	13.6
M899797		2.36	0.016	1.26	7.35	14.5	2080	1.13	0.93	1.00	0.59	48.2	8.4	8	13.30	12.3
M899798		6.80	0.039	0.91	6.97	61.1	1600	1.54	1.67	1.49	2.01	52.1	7.3	9	17.70	20.4
M899799		10.81	0.018	0.40	7.40	29.1	2180	1.51	1.37	1.72	0.86	60.0	7.6	9	17.25	21.9
M899800		4.73	0.035	0.32	7.40	33.6	1830	1.39	1.17	2.07	0.84	54.1	7.7	8	17.75	16.0
M899801		6.81	0.016	0.34	6.96	19.5	2300	1.53	0.84	2.24	0.50	63.6	10.7	10	14.50	14.4
M899802		5.47	0.058	1.61	6.54	63.9	730	1.47	2.84	2.16	0.73	61.2	12.3	9	17.60	59.8
M899803		11.15	0.008	0.22	7.34	11.4	2290	1.49	0.53	2.28	0.70	54.3	6.0	10	12.70	17.3
M899804		5.14	0.015	0.44	6.68	30.3	1750	1.60	1.37	2.84	0.73	55.8	8.6	8	17.60	10.4
M899805		11.88	0.006	0.36	7.14	12.5	2200	1.59	0.88	2.48	0.44	54.4	8.4	9	14.45	13.8
M899806		8.62	0.006	0.29	7.04	13.0	2190	1.45	0.66	2.36	1.33	46.9	5.4	9	14.85	18.6
M899807		4.17	0.012	0.55	6.63	22.6	1410	1.48	1.35	1.97	1.23	48.7	7.4	10	19.55	6.8
M899808		9.16	0.006	0.25	7.27	12.8	2200	1.21	0.75	1.03	0.70	55.8	6.0	9	16.00	10.7
M899809		3.71	0.020	0.34	7.16	58.6	1450	1.32	0.73	1.31	1.28	50.9	10.2	8	15.40	20.7
M899810		7.21	0.005	0.17	7.68	8.6	2150	1.24	0.35	0.82	0.38	49.5	5.6	9	17.60	61.0
M899811		<0.02	0.006	0.19	7.40	8.6	2220	1.18	0.33	0.82	0.33	48.2	5.9	9	17.45	58.4
M899812		12.42	0.097	0.85	6.88	85.3	1710	1.43	1.44	1.97	5.18	53.4	6.4	7	16.15	32.5
M899813		4.00	0.226	2.86	6.59	258	640	1.28	7.24	1.30	4.40	61.0	5.9	8	7.19	100.5
M899814		0.29	2.32	24.6	5.49	3190	1110	1.21	16.95	2.01	74.5	44.6	10.2	18	13.75	407
M899815		12.52	0.014	0.44	7.04	39.2	1330	1.76	0.51	2.93	1.82	60.5	5.7	25	26.3	24.2
M899816		10.66	0.010	0.45	6.81	33.1	1750	1.71	1.13	3.01	0.67	62.0	6.0	25	36.9	28.1
M899817		3.22	0.181	36.7	6.66	221	440	1.50	161.5	4.12	6.73	43.8	8.2	8	24.9	1455
M899818		2.39	<0.005	0.19	0.11	<5	20	0.09	0.32	20.9	0.08	1.13	0.7	1	0.43	4.0
M899819		6.80	0.010	0.59	7.81	20.7	2490	1.45	1.30	1.80	1.25	47.4	6.2	7	18.40	60.7
M899820		7.20	0.008	0.24	6.70	11.0	2050	1.57	0.60	2.91	0.91	38.4	6.8	8	21.2	13.9
M899821		4.65	0.025	0.70	7.08	39.9	1600	1.56	1.44	2.54	2.08	44.0	8.6	6	23.3	21.4
M899822		4.37	0.223	2.66	6.65	184.0	530	1.65	6.58	1.35	6.81	49.0	7.9	7	18.60	90.2



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**CERTIFICATE OF ANALYSIS WH12159381**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899787		3.39	17.95	0.13	1.2	0.192	2.96	30.2	21.3	0.61	675	1.04	0.72	8.5	3.0	660
M899788		4.10	16.20	0.11	1.1	0.222	3.24	29.7	9.0	0.56	744	1.28	0.05	6.4	2.3	500
M899789		6.74	13.45	0.10	0.9	1.610	2.59	23.0	23.3	0.90	1860	12.90	0.04	5.6	14.9	430
M899790		5.21	16.85	0.09	1.0	0.356	3.33	26.1	5.9	0.28	79	1.32	0.05	5.7	2.5	350
M899791		0.44	0.56	0.07	<0.1	0.008	0.10	0.7	1.8	11.50	196	0.15	0.01	0.2	3.2	200
M899792		2.79	15.60	0.15	1.2	0.112	2.68	29.5	14.6	0.60	502	2.07	1.54	7.5	2.5	560
M899793		2.87	17.65	0.11	1.2	0.103	2.79	28.9	32.2	0.37	568	1.77	0.50	8.8	2.9	640
M899794		2.69	15.65	0.12	1.0	0.150	2.64	28.3	20.5	0.65	894	4.57	0.06	7.5	3.0	540
M899795		2.94	16.90	0.11	1.2	0.106	2.70	24.3	23.3	0.49	368	2.23	0.54	8.2	2.5	600
M899796		2.63	17.40	0.09	1.1	0.102	2.75	26.1	34.2	0.26	593	1.53	0.09	8.2	2.1	620
M899797		2.53	17.25	0.12	1.1	0.117	2.50	22.7	31.7	0.24	535	1.59	0.08	8.0	2.5	570
M899798		3.41	15.85	0.11	1.0	0.279	2.24	26.0	60.5	0.58	932	4.02	0.04	6.7	3.2	580
M899799		3.15	16.40	0.13	1.0	0.232	2.88	33.8	16.4	0.51	590	1.39	0.85	7.7	2.7	580
M899800		3.07	15.55	0.08	1.0	0.153	2.84	29.1	18.6	0.70	846	2.24	0.19	7.3	2.6	570
M899801		2.94	15.25	0.09	1.0	0.192	2.70	36.0	12.1	0.73	524	1.48	1.76	7.5	2.6	560
M899802		3.29	14.45	0.09	0.9	0.351	2.71	36.0	13.7	0.68	546	2.27	0.85	6.6	2.7	500
M899803		2.55	15.60	0.15	1.1	0.096	2.75	28.4	14.0	0.63	521	0.95	1.59	7.4	2.4	560
M899804		2.68	14.75	0.14	1.0	0.313	2.47	28.6	18.7	0.76	837	1.06	1.15	7.5	2.2	580
M899805		2.51	15.00	0.10	1.0	0.172	2.66	29.6	18.9	0.76	551	1.55	1.89	7.1	2.3	560
M899806		2.51	14.70	0.11	1.1	0.124	2.71	22.2	10.8	0.65	509	1.51	1.86	7.2	2.6	570
M899807		2.46	14.60	0.11	1.1	0.327	2.61	24.3	14.6	0.63	680	0.89	0.66	7.1	2.3	510
M899808		2.60	15.80	0.11	1.1	0.159	2.61	30.4	24.4	0.44	682	0.90	0.19	7.9	2.7	580
M899809		2.47	15.95	0.13	1.1	0.184	2.70	25.9	19.9	0.49	757	2.13	0.08	7.5	2.1	560
M899810		2.67	16.95	0.10	1.1	0.092	2.86	26.0	26.3	0.36	560	1.85	0.10	8.3	2.0	610
M899811		2.64	16.10	0.09	1.1	0.094	2.76	23.3	25.7	0.35	542	2.15	0.10	8.0	2.0	590
M899812		2.93	15.25	0.14	1.1	0.250	2.61	26.1	15.2	0.60	1930	1.43	0.69	7.2	2.6	510
M899813		4.75	16.00	0.11	1.1	0.376	2.98	34.4	7.0	0.66	6610	2.99	0.03	6.3	2.9	470
M899814		6.03	13.25	0.10	0.9	1.590	2.42	23.0	22.0	0.82	1740	12.70	0.04	5.2	14.4	400
M899815		2.14	17.60	0.10	3.6	0.056	1.68	32.3	88.0	1.09	981	2.15	0.11	8.4	17.7	590
M899816		2.11	17.05	0.14	3.4	0.043	2.37	31.8	15.6	1.08	726	2.04	0.08	7.6	18.2	580
M899817		4.23	15.05	0.10	1.2	0.883	2.65	23.0	16.1	0.79	1120	4.23	0.13	5.9	6.1	470
M899818		0.47	0.33	0.06	<0.1	<0.005	0.05	0.6	1.4	12.25	214	0.13	<0.01	0.1	2.1	180
M899819		2.62	17.85	0.14	1.2	0.115	3.20	23.8	25.6	0.55	487	2.21	0.44	7.9	2.5	600
M899820		2.83	15.80	0.12	1.1	0.082	2.86	18.5	21.1	0.58	572	1.11	0.75	7.4	2.5	560
M899821		3.23	16.50	0.12	1.2	0.141	2.78	22.7	27.3	0.67	1160	2.60	0.08	7.6	2.6	570
M899822		4.25	17.10	0.12	1.1	0.294	2.63	26.7	20.4	0.60	1340	9.61	0.03	6.7	3.2	500



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Account: ROCKHA

Project: Klaza-80

**CERTIFICATE OF ANALYSIS WH12159381**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899787		68.6	123.5	0.004	0.42	10.90	12.5	1	3.1	165.0	0.71	0.13	13.5	0.276	1.93	4.3
M899788		1105	182.0	<0.002	2.50	7.74	10.4	<1	11.2	35.7	0.61	0.24	13.8	0.214	2.57	4.5
M899789		2790	148.0	0.002	4.84	97.2	8.2	1	7.9	88.4	0.47	0.36	10.0	0.179	2.37	5.4
M899790		778	209	0.003	5.05	11.30	10.3	1	18.1	21.7	0.53	0.59	12.4	0.181	2.67	2.9
M899791		8.2	3.7	<0.002	0.03	0.16	0.4	<1	0.4	40.9	<0.05	<0.05	0.2	0.009	0.03	0.7
M899792		25.1	106.0	0.005	0.23	5.37	10.4	1	2.5	270	0.68	0.07	13.8	0.237	1.61	4.3
M899793		15.6	121.5	0.003	0.24	17.05	12.6	1	2.3	134.0	0.78	0.06	15.2	0.272	1.47	6.2
M899794		50.8	103.0	0.003	0.31	15.75	10.8	1	2.2	63.5	0.67	0.06	13.3	0.233	1.90	6.6
M899795		19.4	106.5	0.003	0.17	13.70	10.9	<1	3.5	123.5	0.76	<0.05	14.1	0.255	1.57	3.8
M899796		26.3	112.5	0.002	0.29	20.6	11.8	1	2.8	74.1	0.70	0.10	13.9	0.256	1.55	2.6
M899797		38.4	106.0	<0.002	0.34	17.80	11.3	1	2.9	70.6	0.70	0.83	12.3	0.238	1.40	2.5
M899798		60.8	105.0	<0.002	1.22	20.1	10.9	1	6.4	108.5	0.62	0.28	12.8	0.223	1.82	4.5
M899799		41.6	130.0	0.002	0.79	9.04	11.2	1	5.1	179.0	0.67	0.18	15.6	0.237	1.79	4.9
M899800		34.5	114.5	0.003	0.84	12.60	11.1	1	3.8	85.9	0.64	0.17	13.4	0.239	1.75	4.5
M899801		24.1	106.5	0.002	0.89	3.63	10.9	1	3.3	294	0.64	0.18	11.9	0.232	1.54	4.1
M899802		49.0	140.0	0.002	1.81	3.96	10.4	1	5.0	164.0	0.54	0.72	11.9	0.205	1.97	4.5
M899803		23.4	105.5	0.002	0.41	4.96	10.8	1	2.7	289	0.67	0.07	13.3	0.234	1.43	4.6
M899804		25.4	104.0	0.003	0.96	4.20	11.1	1	3.9	181.5	0.64	0.16	11.3	0.227	1.87	4.5
M899805		23.7	97.7	0.003	0.46	3.11	10.2	1	3.1	312	0.64	0.09	12.9	0.234	1.36	4.3
M899806		50.4	102.0	0.003	0.26	3.98	10.3	<1	2.5	313	0.65	<0.05	12.0	0.244	1.42	4.5
M899807		50.1	105.0	0.002	0.78	8.47	9.8	1	3.6	116.5	0.66	0.15	11.7	0.211	1.90	6.2
M899808		30.9	115.5	0.003	0.37	18.40	11.4	<1	2.2	86.8	0.70	0.17	14.7	0.232	1.65	3.7
M899809		46.0	109.5	0.003	0.35	17.65	10.1	1	3.7	69.8	0.69	<0.05	13.1	0.237	1.82	4.8
M899810		18.3	119.5	0.002	0.10	18.45	11.4	1	8.2	83.1	0.78	<0.05	14.1	0.258	1.55	2.9
M899811		19.0	116.0	0.003	0.12	18.00	11.3	1	7.9	79.8	0.74	0.06	13.3	0.246	1.42	2.9
M899812		168.5	114.0	0.002	1.09	10.75	9.8	1	3.9	174.0	0.68	0.13	12.5	0.208	2.04	4.6
M899813		187.0	143.0	0.003	3.33	19.45	9.0	1	11.5	49.1	0.59	0.43	12.6	0.193	2.92	5.1
M899814		2550	142.0	0.002	4.45	91.5	7.7	1	7.7	83.2	0.46	0.35	10.1	0.164	2.31	5.1
M899815		73.1	72.3	0.002	0.21	12.85	6.1	<1	2.0	352	0.75	<0.05	11.2	0.233	1.28	7.2
M899816		37.4	105.0	0.004	0.18	12.85	5.7	1	1.9	262	0.66	<0.05	11.0	0.228	1.48	5.8
M899817		343	112.0	0.002	2.73	41.6	7.7	2	3.8	183.5	0.49	0.50	10.4	0.199	2.00	5.3
M899818		2.3	2.4	<0.002	0.02	0.18	0.3	<1	<0.2	39.4	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M899819		56.9	117.5	<0.002	0.38	15.05	10.5	1	2.5	152.0	0.66	0.15	13.7	0.262	1.88	3.1
M899820		46.9	93.2	<0.002	0.40	6.50	9.1	1	2.0	234	0.60	0.09	10.2	0.245	1.84	4.3
M899821		82.1	108.0	<0.002	0.60	16.05	10.6	1	3.1	125.0	0.63	0.14	11.8	0.252	2.27	4.2
M899822		196.5	146.5	<0.002	3.10	38.1	10.0	1	7.0	69.9	0.54	0.27	11.9	0.210	2.91	5.4





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Project: Klaza-80

**CERTIFICATE OF ANALYSIS WH12159381**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899787		76	2.4	16.4	548	30.7
M899788		63	5.2	11.4	449	28.0
M899789		56	4.8	8.9	5390	23.7
M899790		61	9.5	7.1	73	25.3
M899791		5	0.2	0.8	15	0.5
M899792		64	1.9	15.3	355	29.7
M899793		69	9.0	15.9	54	32.5
M899794		66	3.6	14.6	215	26.9
M899795		68	3.0	14.4	85	32.2
M899796		70	6.3	14.4	85	29.5
M899797		66	4.6	14.2	74	28.4
M899798		67	3.9	12.3	184	23.9
M899799		65	2.4	15.5	91	26.3
M899800		68	2.8	16.5	92	25.7
M899801		68	1.3	16.7	67	25.9
M899802		62	1.9	14.6	92	23.7
M899803		64	1.4	15.2	72	27.5
M899804		64	2.4	16.8	90	25.9
M899805		63	1.2	14.6	69	24.5
M899806		70	1.5	13.8	118	27.9
M899807		60	1.7	13.8	127	27.4
M899808		63	3.5	16.1	80	28.6
M899809		63	5.4	14.2	116	26.6
M899810		68	5.4	14.7	61	29.1
M899811		64	5.4	14.1	56	28.9
M899812		56	3.7	13.6	423	28.4
M899813		55	13.2	9.1	373	26.7
M899814		51	5.1	8.8	4970	23.0
M899815		46	2.9	11.5	212	131.0
M899816		45	2.4	11.5	96	119.0
M899817		60	3.6	13.7	534	35.6
M899818		2	0.1	0.8	14	0.5
M899819		73	2.3	13.2	112	29.6
M899820		66	2.1	13.7	91	27.2
M899821		70	5.5	14.1	214	29.9
M899822		61	10.7	12.0	528	30.5



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**CERTIFICATE OF ANALYSIS WH12159381**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12159382**

Project: Klaza-81

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12159382**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899375		5.20	0.022	0.77	6.93	12.1	740	1.49	1.82	3.54	3.56	41.4	1.7	13	10.25	16.9
M899376		5.11	<0.005	0.56	6.79	6.6	610	1.61	0.91	3.28	3.33	38.5	1.3	14	5.98	8.1
M899377		8.42	0.021	1.10	7.13	8.2	620	1.62	2.45	2.67	6.20	37.6	1.9	12	5.90	24.8
M899378		9.02	0.038	1.44	7.48	14.1	790	1.74	2.62	3.30	10.45	43.2	3.9	12	7.29	40.5
M899379		4.58	0.112	1.90	7.20	20.0	690	1.48	14.45	2.54	8.32	45.4	1.1	16	4.66	54.1
M899380		15.11	0.023	0.81	7.35	10.9	1100	1.56	2.04	3.38	4.71	43.3	5.6	15	5.59	22.4
M899381		4.85	0.022	0.33	7.33	9.9	1620	1.46	0.67	2.98	2.98	44.8	6.7	13	6.92	11.3
M899382		2.94	0.289	1.08	7.80	168.5	2080	1.54	1.37	1.76	0.49	52.8	6.4	17	8.56	125.0
M899383		2.14	0.027	0.24	8.07	16.3	2750	1.61	1.07	2.48	0.11	50.9	5.4	15	6.93	40.5
M899384		3.20	0.061	0.46	7.71	31.0	2920	1.69	1.20	2.26	0.28	51.2	6.5	19	8.26	87.2
M899385		2.05	0.361	3.30	7.69	699	1280	1.53	1.59	1.49	5.38	52.6	4.3	11	13.85	60.0
M899386		1.42	0.853	4.05	7.36	1530	1670	1.59	2.22	2.41	0.57	52.3	5.1	15	9.01	110.0
M899387		3.12	0.017	0.26	7.49	23.6	2130	1.55	0.89	2.38	0.24	50.4	4.3	13	9.84	23.4
M899388		1.81	2.84	14.50	6.90	3980	600	1.48	2.58	2.03	24.3	56.1	6.3	11	15.60	91.9
M899389		2.72	0.005	0.36	7.30	80.2	1320	1.94	0.20	3.04	1.09	49.4	4.5	5	21.2	5.1
M899390		0.20	2.25	26.4	5.95	2820	800	1.38	19.90	2.15	77.6	40.8	10.4	19	13.05	443
M899391		2.67	<0.005	0.33	6.94	40.9	1950	1.80	0.17	3.10	0.42	45.6	4.4	5	21.4	4.9
M899392		1.06	<0.005	0.37	7.00	35.6	1540	1.67	0.15	2.99	0.40	48.1	4.2	6	21.2	7.3
M899393		1.63	0.131	1.22	7.02	167.5	2060	1.57	1.05	2.43	3.97	41.4	4.7	10	17.70	27.2
M899394		2.22	0.057	1.07	6.97	59.8	870	1.36	1.34	2.64	4.09	46.3	4.8	13	11.90	68.5
M899395		1.84	0.092	0.80	7.46	43.6	2510	1.60	2.72	2.89	1.72	45.6	5.9	11	13.15	149.5
M899396		3.87	0.045	1.38	7.32	32.6	2070	1.51	2.28	2.13	2.93	48.0	6.9	11	12.60	74.5
M899397		2.91	0.788	22.2	6.77	332	1430	1.43	15.15	3.64	15.40	49.6	4.6	9	14.20	651
M899398		2.37	<0.005	0.15	0.21	<5	40	0.08	0.06	21.4	0.08	1.66	0.9	5	0.35	2.2
M899399		2.60	0.092	1.61	7.90	118.5	2360	1.70	0.83	2.39	10.35	54.2	3.5	14	11.75	19.9
M899400		2.69	0.029	0.25	7.64	17.5	2470	1.57	0.53	1.72	0.31	51.3	3.9	10	12.70	31.0
M899401		<0.02	0.015	0.22	7.74	18.0	2450	1.45	0.55	1.74	0.27	48.0	4.1	14	12.55	29.7
M899402		2.52	1.605	3.44	7.31	1165	690	1.63	4.59	2.41	3.22	42.5	3.9	11	11.60	102.0
M899403		3.41	0.142	1.71	7.70	40.6	1190	1.60	0.94	2.58	5.38	71.9	3.6	13	9.53	9.2
M899404		3.05	0.090	1.48	7.22	54.5	1200	1.44	1.46	2.54	4.72	43.0	7.6	11	10.10	8.4
M899405		0.20	0.783	9.20	6.58	1810	1630	1.31	6.24	1.85	41.5	46.9	15.7	19	16.25	104.5
M899406		3.24	0.046	0.50	7.02	260	2140	1.60	0.82	2.61	0.51	47.7	5.3	14	9.06	32.0
M899407		1.87	0.009	0.22	7.52	19.9	2380	1.40	0.48	2.79	0.37	43.7	6.2	12	12.00	22.6
M899408		3.44	<0.005	0.02	0.11	<5	30	0.06	0.03	21.0	0.06	1.05	1.4	<1	0.40	1.3
M899409		4.25	0.317	2.28	7.14	181.0	990	1.36	1.14	2.26	2.38	51.6	8.6	11	12.25	132.0
M899410		2.05	0.201	1.05	7.11	155.0	1190	1.48	0.97	3.05	2.06	54.3	6.9	10	16.80	56.4



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**CERTIFICATE OF ANALYSIS WH12159382**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899375		2.92	16.80	0.09	0.7	0.373	1.40	16.2	14.4	0.97	949	0.79	1.75	5.4	2.1	550
M899376		1.78	16.65	0.10	0.7	0.245	1.14	15.3	11.1	0.72	708	0.97	2.42	6.2	2.8	550
M899377		2.61	16.85	0.10	0.8	0.342	1.33	14.5	13.1	0.80	752	0.97	2.12	5.9	1.7	560
M899378		2.92	19.15	0.12	0.7	0.646	1.46	16.6	13.2	0.85	850	1.28	1.95	6.2	1.7	570
M899379		3.18	18.90	0.13	0.7	0.468	1.53	16.9	10.9	0.88	670	1.13	1.67	6.7	1.8	570
M899380		2.36	17.15	0.12	0.8	0.242	1.65	17.2	10.2	0.76	686	0.94	2.32	7.2	3.1	570
M899381		3.00	16.25	0.09	0.9	0.137	2.24	20.5	13.2	0.80	688	1.09	2.24	7.0	2.9	570
M899382		3.08	18.15	0.13	0.9	0.190	2.99	28.6	19.7	0.71	375	2.59	1.67	7.6	4.3	600
M899383		3.05	17.05	0.12	1.0	0.124	3.03	26.8	14.2	0.81	411	1.04	2.21	7.8	3.4	660
M899384		2.82	17.35	0.16	0.8	0.316	3.12	28.6	14.0	0.81	429	2.40	2.12	7.8	3.3	570
M899385		4.40	17.00	0.10	0.9	0.209	3.04	28.8	25.3	0.67	980	2.10	0.87	8.0	3.3	610
M899386		3.78	16.50	0.11	0.9	0.147	2.97	25.9	20.2	0.78	774	9.32	1.28	7.2	3.1	560
M899387		2.94	16.30	0.11	1.0	0.165	2.80	24.8	26.0	0.71	565	0.95	1.82	7.7	3.0	600
M899388		4.89	18.00	0.13	1.2	0.160	2.88	30.2	10.9	0.78	1370	4.25	0.20	7.0	3.5	590
M899389		2.67	20.3	0.12	2.3	0.036	2.69	22.5	28.2	0.71	760	1.78	1.28	9.7	2.4	890
M899390		6.42	14.65	0.10	0.9	1.540	2.65	21.7	23.5	0.88	1880	13.00	0.03	5.5	15.7	440
M899391		2.60	19.95	0.13	2.2	0.034	2.80	20.8	32.4	0.67	715	1.69	1.31	9.6	2.2	850
M899392		2.55	18.95	0.12	2.2	0.036	2.71	22.1	27.4	0.68	700	1.67	1.21	9.1	2.3	840
M899393		2.87	16.75	0.10	0.9	0.135	2.82	20.1	33.3	0.68	756	2.43	1.41	7.3	3.1	580
M899394		2.85	15.75	0.11	0.7	0.311	2.34	23.6	16.0	0.88	475	4.23	1.24	7.1	3.5	570
M899395		3.16	17.15	0.10	0.8	0.336	2.36	23.1	38.5	0.92	599	11.30	0.56	8.0	3.2	660
M899396		3.14	16.55	0.14	0.8	0.320	2.51	25.0	35.9	0.66	667	4.15	0.82	7.6	3.3	600
M899397		3.68	14.40	0.11	0.7	0.555	2.75	26.7	20.4	1.30	1110	2.82	0.28	6.6	2.8	580
M899398		0.59	0.45	0.07	<0.1	0.006	0.19	0.9	1.4	12.75	232	0.34	0.01	0.1	3.9	200
M899399		2.87	17.90	0.17	1.1	0.336	3.63	28.8	18.3	0.87	500	0.93	0.51	7.3	3.8	630
M899400		2.57	17.50	0.15	1.0	0.168	3.25	27.1	29.4	0.50	291	1.65	0.63	7.7	2.5	620
M899401		2.59	17.80	0.13	1.1	0.174	3.26	25.3	31.1	0.49	289	1.70	0.63	8.0	2.4	620
M899402		4.39	16.25	0.11	0.8	0.237	2.94	23.0	29.6	0.86	2080	2.93	0.53	6.4	3.0	580
M899403		2.94	18.20	0.15	1.0	0.202	3.18	40.5	7.8	0.97	711	1.42	0.69	6.8	2.8	610
M899404		3.35	16.50	0.13	0.8	0.125	3.11	23.1	9.5	0.96	623	3.60	0.39	5.3	2.7	550
M899405		5.22	14.50	0.14	1.3	0.934	2.79	24.5	24.2	0.68	1930	11.75	0.25	7.8	15.8	500
M899406		3.04	15.55	0.18	1.1	0.131	2.75	23.9	20.2	0.75	419	4.03	1.84	8.7	3.0	590
M899407		3.08	15.90	0.09	1.1	0.104	2.78	21.9	13.1	0.79	424	3.10	2.12	8.7	2.3	610
M899408		0.48	0.34	0.19	<0.1	0.005	0.05	0.5	1.3	12.40	216	0.17	0.01	0.4	2.7	170
M899409		4.40	15.65	0.16	0.9	0.255	3.22	27.2	13.5	1.04	1480	1.70	0.33	7.1	3.5	560
M899410		3.97	15.75	0.17	0.9	0.231	3.11	27.7	18.5	1.05	1360	5.73	0.12	8.3	3.0	580



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Project: Klaza-81

**CERTIFICATE OF ANALYSIS WH12159382**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899375		76.8	56.6	<0.002	0.34	5.07	10.0	1	3.2	289	0.44	<0.05	11.7	0.180	1.23	2.6
M899376		82.6	38.9	<0.002	0.14	4.31	9.6	<1	2.6	337	0.50	<0.05	10.9	0.198	0.89	2.2
M899377		137.5	57.0	<0.002	0.52	4.82	10.1	<1	3.5	267	0.48	<0.05	12.8	0.203	1.03	2.3
M899378		267	66.9	0.002	0.69	5.18	10.5	1	4.4	257	0.49	0.08	13.6	0.197	1.20	3.7
M899379		211	69.1	0.002	1.26	4.56	10.8	1	3.8	208	0.56	0.10	13.7	0.223	1.21	3.1
M899380		119.5	60.2	<0.002	0.48	3.28	10.4	1	2.4	328	0.61	0.05	12.7	0.232	0.97	4.2
M899381		51.6	69.1	<0.002	0.35	3.46	9.6	1	1.6	367	0.59	<0.05	12.3	0.236	0.95	3.4
M899382		92.7	144.5	<0.002	0.95	8.14	10.7	<1	5.0	272	0.59	0.34	15.2	0.239	1.83	4.1
M899383		19.8	103.0	<0.002	0.42	2.80	11.0	1	2.2	404	0.65	0.23	14.7	0.275	1.44	3.1
M899384		34.6	134.0	<0.002	0.68	3.26	10.8	2	2.7	341	0.58	0.31	14.6	0.247	1.85	4.2
M899385		470	171.5	<0.002	1.53	12.85	10.9	<1	5.0	146.5	0.65	0.29	16.0	0.252	2.35	4.0
M899386		185.5	130.0	<0.002	1.46	13.50	9.9	1	5.0	272	0.62	0.18	14.4	0.237	1.81	3.9
M899387		17.8	115.5	<0.002	0.31	3.63	10.9	1	2.1	348	0.63	0.20	14.7	0.250	1.70	3.8
M899388		1385	172.5	<0.002	3.36	25.7	9.1	<1	13.5	117.5	0.59	0.23	14.3	0.222	2.35	4.2
M899389		37.6	91.8	<0.002	0.04	3.79	5.5	<1	1.7	419	0.70	<0.05	7.6	0.321	1.67	5.3
M899390		2780	150.5	0.002	4.81	93.3	8.0	<1	8.0	89.0	0.45	0.40	10.2	0.179	2.48	5.1
M899391		22.8	90.4	<0.002	0.04	3.69	5.1	<1	1.6	428	0.68	<0.05	7.0	0.309	1.61	4.3
M899392		24.8	89.8	<0.002	0.04	3.42	5.0	2	1.5	389	0.71	<0.05	7.8	0.312	1.64	4.4
M899393		163.5	113.5	<0.002	0.50	4.91	9.5	<1	3.4	365	0.59	0.08	11.0	0.246	1.90	4.2
M899394		107.5	127.0	<0.002	1.08	7.23	10.3	1	3.2	267	0.57	0.28	11.5	0.225	2.15	3.4
M899395		34.2	89.0	0.004	0.85	22.1	11.2	<1	3.0	195.0	0.66	0.32	12.1	0.260	1.87	3.5
M899396		36.2	102.0	<0.002	0.47	10.65	10.5	1	2.8	198.5	0.63	0.72	13.2	0.252	1.76	3.4
M899397		3730	137.5	<0.002	1.67	83.3	9.5	<1	5.3	122.5	0.53	0.34	11.7	0.222	2.25	4.7
M899398		4.2	4.5	<0.002	0.02	0.15	0.4	1	0.2	43.1	<0.05	<0.05	0.2	0.006	<0.02	0.7
M899399		263	183.0	<0.002	1.08	8.00	11.2	1	5.0	147.0	0.65	0.06	15.2	0.231	2.55	3.8
M899400		17.4	134.0	0.002	0.26	4.94	10.9	1	2.5	162.0	0.64	<0.05	14.3	0.253	2.00	5.1
M899401		17.3	123.0	<0.002	0.28	5.01	10.9	1	2.5	159.5	0.66	0.06	13.4	0.256	1.84	5.0
M899402		198.5	177.5	<0.002	2.89	12.40	9.8	1	7.5	116.5	0.53	0.13	13.9	0.216	2.39	4.9
M899403		312	187.0	<0.002	1.62	7.33	12.4	1	5.4	115.5	0.59	0.11	15.8	0.220	2.91	3.8
M899404		227	195.5	<0.002	1.99	6.22	9.4	<1	4.6	111.5	0.46	0.32	13.1	0.187	2.83	3.3
M899405		1315	159.5	0.002	3.11	33.8	8.9	2	6.0	153.0	0.59	0.32	13.7	0.203	2.62	5.7
M899406		64.9	104.5	<0.002	0.44	6.15	9.7	1	2.6	358	0.69	0.16	13.9	0.247	1.61	3.7
M899407		21.7	113.5	<0.002	0.28	3.25	10.5	1	1.8	411	0.65	0.11	13.5	0.253	1.30	3.8
M899408		1.6	2.4	<0.002	0.03	0.05	0.4	1	<0.2	43.6	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M899409		121.0	226	<0.002	1.73	12.55	9.4	1	5.2	111.5	0.54	0.33	14.2	0.214	2.99	2.9
M899410		108.5	163.0	<0.002	1.76	8.84	10.0	1	3.6	107.5	0.63	0.18	14.2	0.234	2.91	3.7



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**CERTIFICATE OF ANALYSIS WH12159382**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899375		59	1.9	15.7	301	18.3
M899376		54	1.0	13.0	297	19.2
M899377		59	2.1	14.3	500	19.0
M899378		59	2.3	16.7	793	19.4
M899379		63	4.5	14.9	652	18.1
M899380		54	2.5	16.3	385	19.7
M899381		69	1.5	15.1	258	22.9
M899382		68	2.3	14.6	50	23.5
M899383		76	1.1	15.2	37	22.0
M899384		70	1.2	15.9	38	20.7
M899385		70	3.3	15.0	633	21.3
M899386		67	2.5	13.6	82	20.2
M899387		71	1.5	15.1	82	21.9
M899388		60	4.5	11.9	1700	22.5
M899389		48	1.3	11.0	248	56.6
M899390		57	5.3	9.2	5250	22.8
M899391		45	1.2	10.4	126	54.2
M899392		46	1.4	10.3	123	55.1
M899393		66	1.9	13.0	345	21.6
M899394		67	3.1	12.8	204	17.0
M899395		78	3.1	14.3	186	18.3
M899396		71	1.7	15.4	337	19.8
M899397		65	3.4	14.7	679	15.8
M899398		3	0.1	0.8	16	<0.5
M899399		73	3.0	14.4	473	23.5
M899400		71	1.9	14.4	85	23.8
M899401		73	1.9	13.8	85	24.2
M899402		66	3.5	11.9	227	19.5
M899403		76	4.5	12.7	272	21.9
M899404		66	4.9	10.2	233	20.0
M899405		56	5.1	11.8	2940	39.1
M899406		68	1.2	14.6	50	25.6
M899407		70	0.7	16.1	39	26.4
M899408		2	0.1	0.8	13	<0.5
M899409		65	5.1	10.6	178	20.9
M899410		70	3.1	14.8	184	22.3



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1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Project: Klaza-81

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 4-AUG-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12159382**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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Page: 1  
Finalized Date: 31-JUL-2012  
Account: ROCKHA

**CERTIFICATE WH12159383**

Project: Klaza - 81

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 31-JUL-2012  
Account: ROCKHA

Project: Klaza - 81

**CERTIFICATE OF ANALYSIS WH12159383**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899411		2.43	0.019	0.19	7.12	12.0	1940	1.54	0.56	2.32	0.16	45.4	5.2	11	6.64	16.6
M899412		4.10	0.017	0.11	7.08	7.4	2190	1.41	0.72	2.55	0.09	44.5	6.0	11	8.06	26.4
M899413		3.34	0.154	0.22	7.16	9.2	2240	1.44	3.06	2.53	0.09	45.9	7.4	12	5.25	114.5
M899414		5.01	0.045	0.13	7.16	9.9	2270	1.61	1.10	2.43	0.09	43.2	5.2	12	6.66	30.6
M899415		2.11	0.066	0.22	7.42	10.3	2120	1.58	2.37	2.38	0.12	58.8	5.4	12	5.96	54.7
M899416		2.27	0.311	1.12	7.37	28.5	2320	1.70	31.4	2.57	0.13	58.9	14.6	13	8.24	188.5
M899417		2.95	0.307	1.21	7.14	11.9	2050	1.78	1.88	2.28	0.25	51.3	6.4	11	6.74	846
M899418		1.35	0.168	0.58	6.80	9.9	2050	1.47	1.37	2.20	0.16	47.6	5.6	10	6.29	518
M899419		1.63	0.109	0.64	6.62	66.6	1450	1.46	0.98	3.21	1.20	47.5	5.7	10	16.05	28.3
M899420		3.32	0.183	0.55	7.20	51.1	2060	1.69	1.89	2.42	0.19	44.1	6.8	10	12.65	93.9
M899421		4.46	0.122	0.30	7.23	17.3	2610	1.54	2.06	2.55	0.13	40.4	5.2	14	9.15	62.6
M899422		4.04	4.81	2.36	6.95	143.0	1170	1.37	13.20	1.07	0.46	37.1	9.2	11	7.31	24.2
M899423		5.88	<0.005	0.09	0.12	5	20	0.07	0.06	20.0	0.05	1.37	0.8	3	0.50	1.9
M899424		2.55	0.175	0.51	7.30	29.2	580	1.51	1.77	2.28	0.43	47.9	6.1	10	10.50	69.5
M899425		1.68	0.248	0.29	7.01	36.3	830	1.43	1.74	2.03	0.09	47.8	19.7	11	8.45	88.1
M899426		1.54	0.069	0.37	7.22	20.6	1010	1.29	1.74	2.09	0.23	57.2	5.9	11	7.47	75.0
M899427		0.26	0.828	9.76	6.47	1750	1480	1.74	6.90	1.84	43.1	45.7	16.5	20	15.90	107.0
M899428		2.72	0.047	0.38	6.30	28.4	2390	1.32	0.96	1.72	0.29	35.4	2.2	10	8.71	71.9
M899429		1.85	0.125	0.71	7.23	82.4	710	1.43	2.62	1.88	0.41	56.6	13.4	10	8.98	133.0
M899430		2.21	0.440	1.90	6.76	258	930	1.68	7.63	2.71	1.46	63.0	6.2	8	13.00	555
M899431		2.62	0.457	1.23	7.25	114.5	1300	1.74	1.17	2.55	1.11	53.7	8.6	11	15.10	211
M899432		2.00	0.430	1.95	7.38	188.0	1110	1.88	1.92	2.52	1.20	57.9	6.2	11	20.5	129.0
M899433		3.38	<0.005	0.09	0.09	<5	20	0.06	0.05	20.4	0.06	1.31	0.7	3	0.23	3.1
M899434		2.09	0.050	0.54	7.21	54.4	1300	1.47	0.85	3.13	0.15	47.5	7.7	10	16.35	81.7
M899435		3.25	0.155	1.58	6.65	139.0	1020	1.47	1.47	3.12	3.71	52.9	7.9	9	14.45	92.0
M899436		1.95	0.091	0.90	7.37	91.3	1360	1.53	1.74	2.41	0.81	51.4	7.8	10	16.60	178.0
M899437		1.69	0.056	0.47	7.04	61.7	1800	1.44	1.41	2.57	0.43	45.7	7.1	9	14.80	110.5
M899438		<0.02	0.068	0.48	7.33	62.8	1770	1.46	1.44	2.43	0.37	50.4	7.3	10	15.20	102.0
M899439		4.03	0.014	0.36	7.34	14.1	2190	1.51	1.24	2.80	0.13	61.5	10.5	10	12.25	50.3
M899440		0.23	2.28	23.8	5.70	3290	1450	1.24	20.9	2.12	73.5	44.3	9.4	19	12.75	422
M899441		2.67	0.020	0.59	7.33	14.4	2430	1.39	1.01	2.36	0.18	49.8	9.1	10	12.15	45.5
M899442		1.96	0.031	0.39	7.12	23.3	1630	1.35	0.97	1.90	0.16	44.8	8.5	9	19.00	75.5
M899443		4.75	0.873	2.30	5.63	170.5	270	1.21	4.55	2.98	1.01	44.4	62.9	10	19.75	59.6
M899444		2.10	0.408	3.31	5.69	226	1580	1.22	3.84	2.08	6.46	51.6	56.5	7	11.10	82.3
M899445		3.01	0.099	0.63	6.99	17.2	2410	1.46	1.17	2.24	0.32	43.4	6.4	10	10.50	139.0
M899446		3.26	0.032	0.28	7.26	13.7	2290	1.56	0.79	2.19	0.40	51.3	3.7	10	12.85	30.5



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Finalized Date: 31-JUL-2012  
Account: ROCKHA

Project: Klaza - 81

**CERTIFICATE OF ANALYSIS WH12159383**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899411		3.03	15.70	0.11	0.8	0.077	2.54	21.3	13.8	0.75	379	1.27	1.99	8.1	3.1	560
M899412		2.83	15.10	0.11	0.8	0.071	2.52	21.0	17.0	0.72	408	1.38	2.00	7.5	3.0	540
M899413		3.15	15.40	0.08	0.8	0.136	2.54	21.3	13.7	0.81	398	0.91	2.02	7.9	2.9	580
M899414		3.25	15.60	0.09	0.8	0.108	2.65	20.8	14.1	0.82	446	0.79	1.88	7.9	2.9	560
M899415		3.19	15.95	0.10	0.9	0.111	2.56	29.1	12.0	0.84	380	0.98	2.10	8.8	3.3	600
M899416		3.61	16.80	0.13	0.9	0.147	2.66	26.7	15.2	0.85	405	2.20	2.00	9.0	3.9	610
M899417		3.26	15.15	0.10	0.9	0.206	2.54	24.2	12.6	0.80	339	0.86	1.94	8.7	3.1	580
M899418		3.00	15.15	0.11	0.9	0.165	2.51	22.2	11.8	0.76	332	1.02	1.92	8.1	2.8	550
M899419		3.03	14.55	0.12	0.9	0.081	2.51	21.3	18.9	1.00	1020	0.60	1.11	7.9	2.8	560
M899420		3.63	16.60	0.11	1.1	0.140	3.01	19.6	22.3	0.81	746	1.64	1.49	9.8	3.5	720
M899421		3.09	15.85	0.10	0.9	0.105	3.05	18.2	15.8	0.80	578	1.32	1.59	7.8	2.9	600
M899422		8.34	16.10	0.12	0.7	0.158	3.41	16.8	7.4	0.61	560	2.16	0.12	4.6	3.0	550
M899423		0.47	0.28	0.07	<0.1	0.008	0.05	0.6	1.3	12.50	207	0.12	0.01	0.2	2.3	180
M899424		3.03	15.70	0.14	0.8	0.082	3.21	22.7	10.1	0.89	713	1.88	1.11	5.6	2.5	600
M899425		2.68	14.65	0.13	0.8	0.097	3.16	22.8	7.3	0.74	224	1.39	1.87	6.6	3.4	550
M899426		3.16	15.80	0.13	0.8	0.115	3.64	28.4	15.3	0.83	388	4.02	1.55	7.5	3.4	610
M899427		5.21	14.85	0.11	1.1	0.946	2.73	21.9	25.5	0.69	1900	12.00	0.26	7.8	15.7	470
M899428		2.31	14.20	0.11	0.6	0.091	3.54	18.1	17.5	0.75	282	5.95	0.55	5.5	2.3	470
M899429		3.58	17.25	0.10	0.8	0.116	3.72	26.2	16.7	0.75	276	4.47	0.59	7.2	5.6	660
M899430		4.40	16.05	0.12	0.7	0.317	2.72	32.3	33.1	1.02	564	2.40	0.09	6.4	3.6	570
M899431		2.96	16.45	0.11	0.7	0.137	3.31	26.6	12.6	0.92	1360	3.34	0.42	7.1	3.0	580
M899432		3.70	16.85	0.13	0.6	0.167	2.99	29.9	14.5	0.92	1780	1.96	0.04	7.5	3.2	550
M899433		0.46	0.20	0.07	<0.1	0.009	0.04	0.6	1.1	12.70	215	0.17	<0.01	0.1	1.7	150
M899434		3.03	15.10	0.12	0.7	0.139	2.95	22.3	25.7	1.08	788	1.51	0.06	7.2	2.7	610
M899435		3.94	14.40	0.13	0.7	0.222	2.75	27.6	27.1	1.18	2220	1.87	0.04	6.6	3.0	520
M899436		4.34	15.15	0.10	0.7	0.225	3.23	27.9	32.2	1.03	1210	1.63	0.06	6.6	2.6	570
M899437		3.72	15.45	0.11	0.8	0.175	3.32	21.0	28.5	0.85	970	1.23	0.17	7.6	2.8	580
M899438		3.87	15.15	0.12	0.7	0.177	3.18	25.1	27.1	0.90	977	1.15	0.15	7.1	2.7	560
M899439		3.29	16.30	0.13	0.8	0.109	2.61	29.5	18.6	0.88	452	1.00	1.53	8.9	3.1	620
M899440		6.49	12.50	0.13	0.8	1.560	2.46	21.9	22.2	0.88	1770	11.65	0.04	5.7	14.1	420
M899441		2.93	14.70	0.11	0.7	0.109	2.85	24.1	25.1	0.73	379	1.28	1.63	8.0	2.7	600
M899442		3.02	15.35	0.11	0.9	0.114	2.81	20.7	44.7	0.72	453	0.72	0.28	8.7	2.9	610
M899443		8.27	12.55	0.12	0.8	0.146	2.31	21.3	22.0	0.76	1080	7.16	0.05	6.4	4.6	500
M899444		8.49	13.25	0.13	0.7	0.241	2.58	27.7	8.3	0.91	2130	5.95	0.04	5.7	3.6	440
M899445		2.89	15.10	0.12	0.7	0.162	3.02	20.5	16.7	0.74	593	1.67	1.63	7.8	2.5	560
M899446		2.99	16.30	0.12	0.8	0.138	2.89	24.9	25.1	0.66	536	1.54	1.28	8.3	2.6	580



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Total # Pages: 2 (A - D)  
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Finalized Date: 31-JUL-2012  
Account: ROCKHA

Project: Klaza - 81

**CERTIFICATE OF ANALYSIS WH12159383**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899411		18.5	100.5	0.002	0.15	1.85	10.0	1	2.0	348	0.59	0.06	10.7	0.245	1.32	2.9
M899412		17.4	95.3	<0.002	0.09	2.06	9.6	<1	1.7	363	0.58	0.13	10.7	0.236	1.22	3.3
M899413		16.1	94.9	0.002	0.40	1.21	10.5	<1	2.0	365	0.62	1.23	11.7	0.251	1.31	3.4
M899414		15.2	110.0	<0.002	0.59	1.71	10.2	1	2.3	345	0.59	0.25	11.1	0.240	1.47	3.0
M899415		17.9	104.5	<0.002	0.17	1.64	11.2	1	2.1	369	0.63	0.23	13.8	0.260	1.44	3.6
M899416		19.2	112.0	<0.002	0.93	2.24	11.4	1	2.2	366	0.64	17.65	13.2	0.258	1.43	4.1
M899417		16.0	109.0	0.002	0.62	2.27	10.8	1	2.1	337	0.68	0.60	12.5	0.251	1.36	4.0
M899418		15.5	96.8	<0.002	0.46	1.85	9.8	<1	2.0	338	0.66	0.39	12.2	0.244	1.34	4.1
M899419		138.5	95.8	<0.002	0.65	4.54	9.3	1	1.8	258	0.60	0.19	11.5	0.243	1.81	3.8
M899420		21.5	122.5	<0.002	0.95	4.41	11.9	1	3.0	283	0.72	0.48	10.6	0.307	2.16	4.0
M899421		17.9	118.5	0.002	0.69	2.86	9.8	1	2.4	317	0.62	0.59	10.8	0.246	1.99	3.4
M899422		50.3	192.5	<0.002	8.29	2.98	10.3	1	6.8	49.2	0.33	1.72	10.3	0.157	2.74	3.7
M899423		1.4	3.1	<0.002	0.02	0.10	0.3	<1	0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.04	0.7
M899424		29.9	156.0	<0.002	2.04	5.63	9.7	<1	3.5	232	0.43	0.35	11.0	0.193	2.71	3.6
M899425		10.4	137.0	<0.002	1.60	2.22	10.7	<1	3.4	277	0.50	0.25	10.9	0.209	2.36	5.5
M899426		16.3	158.0	<0.002	1.53	2.44	11.4	<1	3.3	279	0.57	0.27	13.4	0.241	2.51	4.1
M899427		1300	159.5	0.003	3.02	32.6	9.2	1	5.9	151.5	0.56	0.32	11.5	0.204	2.58	5.2
M899428		14.1	167.0	<0.002	0.94	8.07	8.9	<1	2.8	180.0	0.40	0.24	9.8	0.185	2.71	3.2
M899429		22.6	160.0	0.002	1.84	8.50	12.6	1	3.6	177.0	0.53	0.39	10.7	0.231	2.83	2.6
M899430		68.0	157.0	<0.002	3.00	65.0	12.1	1	4.3	134.0	0.46	1.29	11.9	0.208	2.87	4.7
M899431		27.5	169.5	<0.002	1.42	26.6	10.5	1	3.1	145.0	0.50	0.20	10.7	0.232	3.22	4.2
M899432		66.8	177.5	<0.002	2.03	28.5	11.1	1	3.6	99.1	0.48	0.26	11.6	0.233	3.11	3.5
M899433		1.4	1.8	<0.002	0.01	0.19	0.3	<1	0.2	40.1	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M899434		19.3	112.0	<0.002	0.73	14.00	9.8	<1	2.9	109.5	0.54	0.17	10.4	0.247	2.57	3.3
M899435		104.5	181.0	0.002	1.84	21.5	10.2	1	3.4	107.5	0.50	0.31	11.5	0.212	2.98	5.4
M899436		25.5	211	0.002	1.25	14.45	10.7	<1	3.4	98.4	0.52	0.44	13.6	0.215	2.95	4.8
M899437		21.2	149.0	<0.002	0.94	10.40	9.9	<1	2.7	130.0	0.62	0.44	10.9	0.242	2.76	4.0
M899438		20.8	178.0	<0.002	1.02	9.78	9.9	1	2.7	124.5	0.55	0.40	13.1	0.232	2.63	4.3
M899439		16.2	120.5	<0.002	0.47	3.26	11.9	1	2.3	296	0.65	0.32	12.6	0.266	1.62	3.7
M899440		2670	152.0	<0.002	4.57	82.5	7.6	1	7.2	86.7	0.43	0.33	10.0	0.173	2.28	5.2
M899441		19.2	108.0	<0.002	0.39	5.18	10.2	1	2.1	321	0.61	0.15	11.3	0.262	1.64	3.8
M899442		15.6	104.5	<0.002	0.35	12.45	10.1	<1	2.4	118.5	0.70	0.11	12.0	0.278	1.93	3.6
M899443		94.2	120.0	<0.002	7.20	16.95	9.3	2	2.9	122.5	0.45	1.83	9.1	0.203	2.08	6.9
M899444		196.5	182.5	0.002	6.95	15.00	8.6	3	5.6	69.4	0.45	1.61	10.3	0.171	2.67	8.6
M899445		20.0	127.5	<0.002	0.49	5.36	10.1	<1	2.4	298	0.55	0.39	9.7	0.239	2.15	4.0
M899446		23.5	119.0	<0.002	0.19	5.91	11.1	1	2.4	269	0.56	0.15	10.6	0.261	1.91	4.0



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 Account: ROCKHA

Project: Klaza - 81

**CERTIFICATE OF ANALYSIS WH12159383**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899411		67	0.8	13.0	33	22.3
M899412		65	1.2	13.1	31	20.6
M899413		71	0.8	15.1	31	20.1
M899414		69	1.2	14.0	39	20.4
M899415		72	0.6	16.3	36	23.0
M899416		71	0.6	16.4	32	24.7
M899417		70	0.6	15.8	32	22.3
M899418		67	0.6	14.4	31	21.6
M899419		70	2.5	13.0	137	21.3
M899420		92	2.8	15.2	49	31.3
M899421		72	1.5	12.7	45	22.6
M899422		66	7.7	8.2	52	20.8
M899423		3	0.1	0.8	13	0.6
M899424		67	3.6	10.1	55	21.0
M899425		70	1.8	10.0	25	20.5
M899426		71	1.9	12.7	39	21.0
M899427		59	5.1	11.0	2910	35.1
M899428		60	1.8	10.1	52	16.8
M899429		77	3.2	14.3	124	22.3
M899430		73	3.8	14.5	149	20.0
M899431		69	2.2	13.3	128	17.9
M899432		68	2.0	13.9	144	18.5
M899433		3	0.1	0.8	14	<0.5
M899434		74	1.3	11.8	73	17.6
M899435		63	3.4	12.5	347	17.6
M899436		67	2.8	12.7	116	17.9
M899437		71	3.2	11.9	80	19.1
M899438		67	3.3	12.6	80	19.0
M899439		74	1.0	17.0	34	21.0
M899440		56	4.7	8.6	5180	20.6
M899441		72	1.2	13.5	34	18.4
M899442		75	3.5	12.9	44	21.4
M899443		60	2.5	12.7	103	23.5
M899444		52	4.2	11.5	490	17.2
M899445		68	1.3	12.7	46	20.3
M899446		74	1.6	14.8	48	21.4



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**CERTIFICATE OF ANALYSIS WH12159383**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12159384**

Project: Klaza-81

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12159384**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899447		1.68	2.67	>100	6.31	1080	630	1.41	162.0	2.19	177.5	42.6	4.8	17	14.20	2680
M899448		3.25	<0.005	0.05	0.06	<5	20	<0.05	0.07	21.0	0.09	0.93	1.3	<1	0.14	1.8
M899449		2.93	0.094	1.08	7.06	21.2	1750	1.35	1.52	2.76	1.28	44.2	7.9	17	22.5	22.4
M899450		4.42	0.054	0.78	7.20	12.5	2230	1.27	0.74	2.52	1.60	49.2	5.3	21	9.90	22.2
M899451		1.58	0.047	0.20	7.19	7.4	2100	1.23	1.09	2.30	0.12	55.7	7.0	15	4.95	44.1
M899452		0.87	0.044	0.22	7.44	7.7	2210	1.24	0.92	2.39	0.12	52.6	6.8	16	5.28	41.8
M899453		1.65	0.110	1.14	7.61	13.7	2470	1.23	2.69	2.63	1.61	53.3	8.7	19	10.00	32.1
M899454		2.19	0.045	0.24	7.52	8.8	2190	1.25	1.20	2.52	0.16	54.5	7.3	16	5.99	22.7
M899455		0.22	1.435	24.1	5.78	3380	1490	1.13	18.80	2.12	76.9	43.5	9.7	18	14.20	419
M899456		4.53	0.014	0.15	7.66	8.5	2330	1.25	0.47	2.53	0.38	53.1	7.7	15	3.56	7.3
M899457		2.14	0.005	0.10	7.16	6.9	2080	1.43	0.35	2.58	0.26	51.8	6.5	17	3.08	7.6
M899458		1.54	0.015	4.15	7.33	13.6	4070	1.40	10.75	2.09	1.60	54.3	6.8	14	7.60	76.1
M899459		3.95	0.014	0.16	7.41	8.5	2200	1.43	1.20	2.44	0.12	54.6	6.5	21	4.89	19.0
M899460		3.12	0.093	0.52	7.38	12.4	2090	1.39	2.10	2.35	0.13	57.3	9.3	20	7.28	40.1
M899461		1.51	0.010	0.09	6.88	10.3	2280	1.22	0.43	3.04	0.10	38.8	2.3	21	9.38	11.7
M899462		1.46	0.033	0.24	7.65	10.0	2400	1.52	1.57	2.60	0.12	59.7	8.0	18	6.37	45.1
M899463		1.65	0.150	0.85	7.39	25.1	1550	1.60	2.15	2.19	10.00	72.3	5.8	19	6.84	169.5
M899464		2.65	0.844	2.12	7.25	42.9	1700	1.42	5.22	2.17	1.13	66.4	17.7	16	6.38	1435
M899465		2.65	0.066	0.29	7.11	12.3	2200	1.41	1.30	2.31	0.32	55.9	10.5	17	6.62	116.0
M899466		<0.02	0.073	0.32	7.40	11.5	2320	1.51	1.53	2.42	0.25	54.4	9.5	15	7.04	133.0
M899467		1.57	0.286	0.78	7.43	38.1	1720	1.45	2.50	2.21	0.16	75.9	12.1	21	7.36	436
M899468		2.47	0.123	0.30	7.46	11.1	2770	1.58	1.14	2.42	0.09	65.1	12.3	20	7.70	157.5
M899469		2.94	0.121	21.4	6.85	103.0	1340	1.60	19.85	2.12	3.04	59.0	13.9	18	12.75	3520
M899470		2.48	0.070	0.92	6.96	40.7	2360	1.58	1.15	3.49	1.13	51.2	7.8	12	21.7	63.4
M899471		2.68	<0.005	0.04	0.08	<5	30	0.05	0.05	20.3	0.05	1.03	0.8	2	0.16	4.3
M899472		2.94	0.158	1.93	7.30	68.6	2260	1.30	2.64	2.42	1.21	54.2	11.8	13	11.50	340
M899473		1.49	0.150	1.18	7.30	59.3	2780	1.24	0.95	2.01	1.42	59.5	6.4	14	13.00	481
M899474		2.41	0.084	0.39	7.67	13.0	2930	1.23	1.25	1.67	0.38	63.0	7.7	13	9.04	153.5
M899475		2.18	0.056	0.41	6.99	15.1	2240	1.63	1.04	2.50	0.78	48.0	7.0	17	12.05	70.0
M899476		2.26	0.125	0.56	6.98	15.4	2290	1.54	1.41	2.19	0.62	49.2	9.1	15	12.75	133.0
M899477		1.91	0.167	2.51	7.01	51.1	2210	1.51	3.84	2.73	1.77	44.6	9.3	15	12.85	68.0
M899478		0.23	0.764	9.28	6.41	1550	1350	1.49	5.68	1.89	40.9	43.5	16.4	20	15.20	104.0
M899479		1.93	0.036	0.31	7.56	9.2	2090	1.61	0.64	2.13	0.19	50.5	9.5	13	7.79	87.0
M899480		1.64	0.029	0.17	7.40	7.8	2180	1.67	0.99	2.40	0.09	54.9	7.7	16	5.40	53.0
M899481		3.32	0.129	0.31	7.39	15.7	2130	1.73	0.98	2.28	0.16	53.5	11.5	14	5.97	161.5
M899482		3.08	0.092	0.18	7.45	11.1	2420	1.25	1.00	2.09	0.07	49.7	8.6	17	6.21	63.5





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Account: ROCKHA

Project: Klaza-81

**CERTIFICATE OF ANALYSIS WH12159384**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899447		6.31	14.45	0.13	0.8	1.270	2.82	22.0	14.8	0.83	1840	4.21	0.08	6.6	3.0	470
M899448		0.47	0.26	0.23	<0.1	0.005	0.02	<0.5	0.8	12.50	214	0.18	0.01	0.3	2.4	220
M899449		3.22	16.05	0.11	1.0	0.131	2.83	22.6	14.2	0.76	1140	3.18	1.39	8.3	2.2	620
M899450		3.03	15.80	0.12	1.2	0.094	2.83	25.0	12.3	0.71	781	2.31	2.15	8.1	2.4	600
M899451		2.74	15.20	0.12	1.1	0.078	2.73	30.3	9.2	0.80	350	2.12	2.20	7.7	2.0	580
M899452		2.82	15.90	0.12	1.2	0.091	2.84	28.2	9.5	0.82	359	1.46	2.31	7.9	1.9	600
M899453		2.84	15.85	0.12	1.1	0.091	3.30	28.4	12.5	0.80	545	2.04	1.68	7.7	1.7	630
M899454		2.99	16.30	0.14	1.1	0.083	2.84	29.2	10.9	0.84	437	2.10	2.26	8.1	2.3	610
M899455		6.38	13.10	0.17	0.9	1.705	2.57	23.0	22.9	0.87	1810	12.25	0.04	6.2	15.5	430
M899456		3.14	15.70	0.14	1.2	0.066	2.85	29.2	9.1	0.88	443	2.70	2.19	8.0	2.2	630
M899457		2.99	15.90	0.10	1.1	0.053	2.51	26.5	9.0	0.85	469	2.06	2.22	7.4	2.9	590
M899458		5.64	17.20	0.11	1.0	0.226	2.36	28.7	23.6	0.92	1140	5.04	1.07	6.8	2.7	540
M899459		3.39	16.10	0.12	1.0	0.100	2.57	27.9	10.7	0.85	513	1.97	2.12	7.1	2.9	580
M899460		3.18	16.20	0.12	1.0	0.162	2.69	29.8	10.4	0.82	382	2.71	2.11	7.3	3.0	600
M899461		1.73	15.10	0.13	1.0	0.067	2.84	16.6	14.1	0.73	235	8.26	1.13	7.2	2.2	580
M899462		2.99	16.95	0.12	1.1	0.087	2.87	30.6	10.9	0.80	347	5.61	2.16	7.5	3.9	610
M899463		4.20	18.15	0.17	1.0	0.339	2.83	36.3	19.1	0.91	1460	1.84	1.35	7.4	3.7	650
M899464		3.89	17.35	0.14	1.0	0.233	3.19	36.6	16.4	0.75	404	5.10	1.58	7.8	4.2	580
M899465		2.99	15.85	0.11	1.1	0.136	2.62	28.5	10.8	0.83	362	2.05	2.07	7.2	2.9	580
M899466		3.12	16.70	0.12	1.0	0.145	2.71	28.6	11.7	0.88	364	1.78	2.19	7.7	2.9	620
M899467		3.36	16.85	0.15	1.0	0.208	3.18	39.4	12.9	0.84	267	1.94	2.14	7.5	3.6	620
M899468		3.23	17.00	0.12	1.1	0.124	2.89	35.6	11.4	0.81	266	2.00	2.00	7.6	3.2	600
M899469		5.62	19.30	0.14	0.9	0.607	3.27	32.5	13.2	0.83	1180	2.00	0.55	6.8	3.0	530
M899470		3.32	15.35	0.12	0.9	0.097	2.66	28.8	24.8	1.30	1180	3.75	0.08	6.4	2.7	520
M899471		0.48	0.21	0.07	<0.1	<0.005	0.03	0.5	1.0	12.50	197	0.10	0.01	0.1	1.7	170
M899472		3.32	17.35	0.13	1.0	0.219	3.17	28.3	28.4	0.96	807	2.88	0.36	8.0	3.1	630
M899473		2.64	16.60	0.12	0.9	0.207	3.21	34.4	28.2	0.68	365	2.17	0.17	7.4	2.7	570
M899474		2.85	16.20	0.13	1.0	0.174	3.36	34.5	19.0	0.59	251	3.21	0.68	7.8	2.6	630
M899475		2.95	17.60	0.13	1.0	0.243	2.87	22.2	22.7	0.79	463	2.64	1.28	8.4	3.1	590
M899476		3.13	16.65	0.13	0.9	0.124	2.90	24.8	24.6	0.79	406	6.76	0.95	7.9	3.2	620
M899477		3.40	16.70	0.13	0.9	0.091	3.01	22.3	24.5	0.89	770	1.36	0.79	6.8	2.6	580
M899478		5.28	15.40	0.13	1.3	0.875	2.73	22.4	24.5	0.69	1880	11.45	0.26	7.0	14.9	470
M899479		3.11	17.25	0.11	1.0	0.108	2.81	24.9	15.5	0.83	293	1.65	1.65	8.0	3.0	600
M899480		3.06	17.10	0.11	1.0	0.107	2.80	28.7	9.6	0.86	382	1.36	2.24	7.9	2.8	600
M899481		3.11	16.65	0.18	1.1	0.146	2.75	27.3	9.8	0.87	331	1.38	2.17	8.2	3.1	580
M899482		3.10	17.15	0.11	1.0	0.167	3.05	24.9	14.3	0.98	299	1.70	1.45	7.6	3.0	620



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**CERTIFICATE OF ANALYSIS WH12159384**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M899447		>10000	165.5	<0.002	6.25	257	8.9	3	7.3	82.1	0.47	1.57	11.8	0.196	7.0
M899448		3.6	1.0	<0.002	0.02	0.15	0.3	1	<0.2	40.3	<0.05	<0.05	<0.2	<0.005	0.4
M899449		46.5	132.0	<0.002	0.74	6.61	10.5	1	2.2	258	0.60	0.34	14.4	0.250	5.1
M899450		37.5	108.5	<0.002	0.22	3.65	10.6	1	2.0	359	0.60	0.13	15.0	0.247	4.4
M899451		16.0	105.0	<0.002	0.36	2.32	10.7	1	1.9	372	0.59	0.29	15.7	0.233	4.7
M899452		16.4	113.0	<0.002	0.31	2.15	10.9	1	2.1	388	0.59	0.25	15.1	0.244	4.5
M899453		41.3	148.5	<0.002	0.93	10.20	11.0	1	2.4	318	0.58	1.24	14.7	0.240	4.1
M899454		16.5	111.5	<0.002	0.37	2.72	11.4	1	1.9	380	0.59	0.45	15.8	0.251	4.6
M899455		2710	150.0	0.002	4.73	87.6	7.5	2	7.9	92.5	0.45	0.36	11.4	0.174	5.7
M899456		22.4	111.0	<0.002	0.20	1.94	11.9	1	1.7	392	0.58	0.05	15.7	0.252	4.1
M899457		19.3	87.2	0.002	0.06	1.17	11.0	1	1.5	389	0.57	<0.05	14.2	0.248	3.1
M899458		54.2	142.0	<0.002	0.69	4.49	10.2	1	3.7	335	0.55	0.06	15.0	0.227	4.6
M899459		18.1	102.5	<0.002	0.34	1.82	10.5	1	1.9	387	0.55	0.17	14.1	0.247	4.1
M899460		27.7	112.0	<0.002	0.70	2.59	11.0	1	2.3	343	0.61	0.68	15.8	0.250	4.5
M899461		9.6	127.5	<0.002	0.22	34.6	9.5	1	1.6	300	0.61	0.06	12.7	0.248	3.8
M899462		25.1	107.0	<0.002	0.37	2.12	10.7	1	2.1	393	0.57	0.24	14.9	0.254	4.0
M899463		231	147.5	0.002	0.69	3.50	11.3	1	3.3	226	0.57	0.54	14.4	0.247	6.6
M899464		47.2	143.5	<0.002	1.52	3.81	10.8	2	3.3	283	0.57	2.86	13.9	0.241	4.7
M899465		26.4	99.8	<0.002	0.47	2.21	10.6	1	2.1	368	0.59	0.29	14.9	0.243	4.4
M899466		24.2	101.0	<0.002	0.47	2.22	10.8	1	2.2	382	0.61	0.24	14.4	0.258	4.4
M899467		18.7	125.5	<0.002	1.54	3.20	11.3	1	3.2	338	0.58	1.20	14.8	0.248	4.4
M899468		17.8	114.5	<0.002	0.76	2.12	11.2	1	2.4	392	0.58	0.29	14.8	0.248	4.1
M899469		111.5	189.5	<0.002	2.90	20.0	11.1	2	7.7	173.5	0.49	1.23	12.0	0.218	5.3
M899470		50.5	142.5	<0.002	1.28	16.40	9.4	1	2.2	116.5	0.55	0.29	13.6	0.221	3.9
M899471		1.4	1.4	<0.002	0.02	0.08	0.2	<1	<0.2	40.7	<0.05	<0.05	<0.2	<0.005	0.4
M899472		44.1	113.5	<0.002	1.06	33.4	10.4	1	2.9	149.5	0.67	0.64	13.4	0.260	3.7
M899473		60.7	116.0	<0.002	0.68	31.0	10.1	1	2.9	143.5	0.61	0.28	13.3	0.246	4.6
M899474		30.1	130.0	<0.002	0.98	6.15	10.4	1	2.8	183.5	0.69	0.39	14.5	0.274	4.8
M899475		34.0	100.5	<0.002	0.55	6.66	10.8	1	2.5	280	0.67	0.44	12.6	0.260	3.2
M899476		28.3	110.5	<0.002	1.02	9.97	10.8	1	2.8	212	0.68	0.56	13.9	0.260	4.3
M899477		121.5	130.5	0.002	1.28	11.00	9.9	1	2.6	198.5	0.58	0.25	11.6	0.244	4.8
M899478		1310	156.5	<0.002	3.01	31.6	8.6	1	5.5	144.0	0.58	0.25	11.6	0.203	5.1
M899479		19.2	112.0	<0.002	0.54	2.54	10.5	1	2.2	292	0.63	0.19	13.8	0.258	3.5
M899480		15.8	109.5	<0.002	0.46	1.76	10.6	1	2.2	363	0.66	0.46	14.4	0.260	4.3
M899481		17.9	108.5	<0.002	0.62	3.05	10.6	1	2.2	360	0.77	0.24	14.8	0.253	4.7
M899482		18.9	123.0	<0.002	0.53	2.83	11.0	1	2.4	243	0.59	0.30	12.8	0.264	3.7



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**CERTIFICATE OF ANALYSIS WH12159384**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M899447		57	3.8	12.0	>10000	19.9	130	1.095	1.275
M899448		1	0.1	0.7	15	<0.5			
M899449		69	1.4	15.5	113	24.6			
M899450		71	0.9	16.0	108	28.5			
M899451		65	0.7	17.4	27	27.0			
M899452		68	0.8	17.9	28	28.8			
M899453		71	1.9	16.3	95	26.0			
M899454		71	1.0	18.1	33	26.0			
M899455		54	4.9	9.7	5270	26.1			
M899456		71	0.7	18.9	53	28.2			
M899457		68	0.6	16.9	38	23.1			
M899458		64	4.4	14.6	151	22.2			
M899459		67	1.5	15.8	38	22.7			
M899460		68	1.5	16.1	30	23.6			
M899461		67	0.9	13.1	25	21.2			
M899462		73	0.7	16.9	30	24.6			
M899463		74	2.4	14.9	887	23.0			
M899464		68	1.8	15.4	84	23.0			
M899465		69	0.8	15.0	40	24.0			
M899466		72	0.9	15.4	39	23.9			
M899467		71	1.5	15.8	28	22.9			
M899468		69	0.7	15.5	24	23.6			
M899469		65	3.2	12.8	263	21.3			
M899470		61	1.8	13.3	86	18.3			
M899471		2	0.1	0.7	12	<0.5			
M899472		71	1.7	14.5	90	22.9			
M899473		70	2.1	13.0	124	21.4			
M899474		73	1.9	14.7	45	21.1			
M899475		72	0.9	15.8	67	22.7			
M899476		71	1.2	14.0	64	20.7			
M899477		69	1.6	13.9	129	19.9			
M899478		55	5.0	10.6	2900	38.9			
M899479		70	1.5	14.5	31	22.4			
M899480		70	0.6	16.2	28	21.6			
M899481		68	0.8	17.1	26	22.3			
M899482		73	1.5	14.5	29	21.6			



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**CERTIFICATE OF ANALYSIS WH12159384**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12159385**

Project: Klaza-81

P.O. No.: Batch 4

This report is for 26 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12159385**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M899483		1.59	0.062	0.59	7.56	23.5	1780	1.33	0.95	3.88	2.94	57.0	9.4	11	12.35	59.0
M899484		0.22	0.783	9.75	6.72	1790	250	1.48	6.38	1.93	42.3	45.5	16.5	19	17.35	108.0
M899485		2.11	0.030	0.14	7.50	9.1	2100	1.47	0.58	2.60	0.14	48.6	7.6	15	7.34	15.3
M899486		3.40	0.029	0.33	7.15	13.1	1940	1.27	0.87	2.70	0.77	51.3	7.3	14	9.46	34.4
M899487		2.74	<0.005	0.01	0.08	<5	20	0.05	0.02	19.40	0.06	1.19	1.2	1	0.20	2.0
M899488		3.65	0.031	0.13	7.43	11.1	2290	1.39	0.51	2.33	0.09	50.9	7.3	14	6.48	31.8
M899489		1.78	<0.005	0.17	7.35	4.5	2370	1.29	0.24	2.68	0.27	46.1	6.5	15	7.24	15.4
M899490		0.76	<0.005	0.17	7.15	4.0	2680	1.25	0.23	2.57	0.26	41.9	6.6	12	7.12	9.3
M899491		2.40	0.011	0.34	7.18	5.2	2170	1.25	0.35	2.55	3.92	47.2	6.9	15	7.57	10.9
M899492		1.84	0.025	0.30	7.42	11.7	2230	1.24	1.00	2.46	0.68	48.5	9.1	14	6.73	17.0
M899493		2.54	0.027	0.09	7.50	9.3	2240	1.57	0.72	2.29	0.10	54.3	9.1	16	6.47	21.7
M899494		<0.02	0.033	0.09	7.75	8.8	2330	1.51	0.81	2.41	0.09	49.2	9.4	19	6.32	23.0
M899495		2.32	0.028	0.10	7.33	9.2	2030	1.57	0.52	2.44	0.13	50.8	6.4	14	9.98	20.0
M899496		1.47	0.012	0.14	7.62	11.8	750	1.83	0.09	3.93	0.25	129.0	17.9	120	11.75	14.3
M899497		1.93	0.014	0.06	7.18	8.1	1970	1.58	0.42	2.27	0.10	40.2	6.5	16	21.0	9.3
M899498		0.22	0.784	9.87	6.62	1480	1260	1.46	6.11	1.83	38.4	46.1	16.0	19	15.75	100.5
M899499		2.81	0.011	0.13	7.15	11.6	2060	1.34	0.40	2.47	0.41	41.5	6.2	14	15.60	12.0
M899500		4.02	0.052	0.37	7.32	33.9	1840	1.56	0.91	2.40	0.40	49.4	6.1	15	17.30	66.6
M899501		1.76	0.465	4.46	6.65	86.2	250	1.55	5.80	2.13	21.6	43.5	15.1	15	12.55	216
M899502		2.75	<0.005	0.02	0.08	<5	160	<0.05	0.04	20.3	0.10	1.22	0.7	<1	0.33	1.5
M899503		3.07	0.017	0.12	7.31	4.8	2070	1.76	0.92	2.40	0.18	50.7	7.2	14	9.14	25.1
M899504		2.57	0.010	0.07	7.25	6.5	2030	1.60	0.64	2.52	0.11	44.7	5.9	12	10.80	7.0
M899505		2.19	0.028	0.12	7.37	8.8	2010	1.75	0.55	2.57	0.17	49.9	7.2	16	11.60	10.6
M899506		2.02	0.012	0.12	7.39	10.1	1980	1.66	0.63	2.48	0.26	47.5	6.8	13	10.75	11.8
M899507		3.26	0.017	0.09	7.21	5.3	2120	1.62	0.51	2.51	0.10	48.0	7.0	15	10.70	7.8
M899508		2.01	0.048	0.26	7.56	20.4	2200	1.68	1.72	2.19	0.13	51.5	6.3	11	11.95	30.3



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**CERTIFICATE OF ANALYSIS WH12159385**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899483		3.62	16.45	0.15	1.0	0.098	2.83	29.9	17.7	0.85	579	1.17	0.82	8.0	3.6	660
M899484		5.45	15.05	0.17	1.3	0.949	2.68	23.5	26.7	0.70	2020	12.45	0.26	7.1	16.6	500
M899485		3.02	16.35	0.15	1.0	0.086	2.62	24.6	11.6	0.80	381	1.78	2.13	7.7	3.2	590
M899486		3.07	15.40	0.15	0.9	0.071	2.64	26.0	13.2	0.83	684	1.42	1.63	8.3	2.6	640
M899487		0.44	0.29	0.10	<0.1	<0.005	0.03	0.6	1.0	12.10	209	0.12	0.01	0.3	3.0	180
M899488		3.12	15.75	0.13	1.0	0.072	2.69	25.9	11.2	0.89	364	1.59	2.04	8.3	2.5	650
M899489		2.98	15.65	0.14	1.0	0.052	2.46	21.7	11.8	0.88	523	2.01	2.15	8.8	2.6	640
M899490		2.80	15.05	0.14	1.0	0.046	2.47	19.6	11.2	0.81	517	1.64	2.06	8.3	2.4	610
M899491		2.90	14.85	0.14	0.9	0.058	2.38	22.8	12.0	0.81	606	1.55	1.97	8.1	2.5	610
M899492		3.02	15.55	0.15	0.9	0.068	2.58	24.1	9.6	0.79	554	1.27	2.20	8.5	2.5	630
M899493		3.06	16.10	0.14	1.0	0.077	2.58	28.6	11.4	0.90	379	1.81	2.16	8.1	3.0	590
M899494		3.21	16.10	0.13	1.0	0.079	2.69	26.1	11.0	0.93	399	1.74	2.29	7.9	3.1	620
M899495		2.86	15.80	0.14	0.9	0.102	2.64	24.3	12.7	0.84	427	2.07	2.03	7.7	3.0	590
M899496		5.42	17.80	0.22	6.2	0.060	1.46	64.1	22.2	2.12	1160	0.84	0.27	27.2	39.2	2810
M899497		2.81	15.40	0.15	0.9	0.061	2.47	18.5	11.6	0.57	397	2.58	1.95	7.9	4.2	590
M899498		5.18	13.90	0.16	1.3	0.874	2.74	22.8	24.3	0.68	1980	11.60	0.26	7.5	14.6	480
M899499		2.94	14.95	0.15	0.9	0.060	2.49	19.3	10.2	0.59	436	2.60	2.12	7.7	2.8	600
M899500		2.83	15.50	0.17	1.0	0.140	2.68	25.9	19.2	0.72	420	2.06	1.26	7.9	2.5	570
M899501		5.26	14.90	0.15	1.1	0.209	2.57	18.8	15.3	0.66	722	3.77	1.17	15.9	3.1	510
M899502		0.46	0.23	0.12	<0.1	0.008	0.03	0.6	1.1	12.85	216	0.12	0.01	2.4	1.3	170
M899503		2.89	15.85	0.16	1.3	0.112	2.57	25.5	13.8	0.75	384	1.71	2.27	9.0	2.6	570
M899504		2.94	15.35	0.16	1.3	0.079	2.56	20.2	13.2	0.75	457	1.64	2.27	8.8	2.6	590
M899505		3.01	17.00	0.17	1.3	0.083	2.63	26.2	16.6	0.73	475	1.94	2.09	9.0	2.9	600
M899506		3.16	15.40	0.15	1.2	0.054	2.59	23.8	15.5	0.77	434	1.62	1.99	8.6	2.5	590
M899507		2.89	15.30	0.15	1.2	0.079	2.58	23.6	13.7	0.75	428	1.72	2.17	8.2	2.9	580
M899508		3.11	15.90	0.17	1.2	0.068	2.94	28.1	16.3	0.73	381	1.43	1.31	7.8	2.6	590



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Project: Klaza-81

**CERTIFICATE OF ANALYSIS WH12159385**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899483		56.2	129.0	<0.002	1.08	7.23	11.5	1	2.7	222	0.68	0.23	13.9	0.255	1.51	5.1
M899484		1360	151.5	<0.002	3.10	36.2	8.2	1	6.3	151.5	0.62	0.29	11.5	0.198	2.39	5.2
M899485		25.9	101.5	<0.002	0.34	1.72	10.6	1	1.8	382	0.62	0.15	12.8	0.252	1.17	4.2
M899486		30.1	106.5	<0.002	0.60	2.43	9.8	1	2.8	319	0.63	0.13	12.8	0.255	1.36	4.0
M899487		1.3	1.5	<0.002	0.01	<0.05	0.3	1	<0.2	41.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M899488		16.6	104.5	<0.002	0.64	0.80	10.2	1	2.1	397	0.62	0.13	13.1	0.255	1.23	4.0
M899489		53.7	90.8	<0.002	0.13	1.03	9.9	1	1.7	418	0.68	<0.05	12.1	0.259	1.07	4.1
M899490		87.7	90.6	<0.002	0.13	1.02	9.5	1	1.6	416	0.63	<0.05	11.1	0.250	1.04	3.7
M899491		96.5	96.5	<0.002	0.17	1.37	9.2	1	1.9	379	0.61	<0.05	12.7	0.242	1.08	3.9
M899492		29.7	98.5	<0.002	0.26	1.73	9.4	1	1.9	400	0.64	0.37	12.4	0.256	1.22	4.1
M899493		15.5	108.5	<0.002	0.27	0.88	11.6	1	2.0	396	0.62	0.22	12.6	0.259	1.20	3.8
M899494		16.6	104.5	<0.002	0.30	0.84	11.5	1	2.1	418	0.61	0.18	13.2	0.268	1.33	4.0
M899495		16.1	103.5	<0.002	0.19	1.44	10.6	1	1.9	367	0.58	0.08	11.9	0.254	1.34	3.4
M899496		15.4	41.5	<0.002	0.15	5.69	14.1	1	1.8	297	1.23	0.07	8.1	0.733	0.59	3.6
M899497		16.7	93.5	<0.002	0.17	2.48	10.1	<1	1.6	362	0.62	0.18	10.6	0.254	1.15	2.8
M899498		1305	159.5	0.003	3.06	32.0	8.9	1	5.4	149.0	0.58	0.26	12.8	0.205	2.53	5.6
M899499		27.7	93.0	<0.002	0.16	2.56	9.9	<1	1.7	385	0.62	0.06	10.8	0.253	1.25	3.1
M899500		24.0	110.0	0.002	0.45	9.92	10.5	1	2.0	255	0.70	0.10	13.0	0.245	1.60	3.8
M899501		915	111.0	<0.002	4.07	13.65	9.5	2	3.4	243	0.64	1.00	12.9	0.203	1.56	5.1
M899502		4.9	2.0	<0.002	0.02	0.09	0.3	<1	<0.2	48.5	<0.05	<0.05	0.3	<0.005	0.02	0.6
M899503		19.9	103.0	0.002	0.13	1.04	10.5	1	1.9	382	0.82	<0.05	13.9	0.252	1.22	4.5
M899504		17.6	92.7	<0.002	0.06	1.23	10.6	1	1.7	382	0.79	<0.05	12.7	0.257	1.14	4.5
M899505		20.3	107.5	<0.002	0.17	1.97	11.2	1	3.7	358	0.81	0.08	13.2	0.258	1.27	4.7
M899506		20.3	108.5	0.003	0.55	1.71	10.7	1	2.7	356	0.73	0.07	13.6	0.251	1.14	4.9
M899507		18.2	94.5	<0.002	0.16	1.40	9.6	1	1.8	372	0.73	<0.05	13.0	0.249	1.20	4.4
M899508		22.4	126.5	<0.002	0.60	4.02	10.4	1	3.6	267	0.66	0.12	15.0	0.249	1.48	4.0





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**CERTIFICATE OF ANALYSIS WH12159385**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899483		75	2.0	18.2	244	23.6
M899484		56	5.3	11.4	2990	37.5
M899485		70	0.7	16.3	32	23.5
M899486		71	2.1	15.7	62	23.7
M899487		2	0.1	0.8	14	<0.5
M899488		71	1.0	16.6	25	24.5
M899489		72	0.6	16.6	43	25.1
M899490		69	0.5	15.9	41	24.7
M899491		66	0.9	15.9	200	23.5
M899492		70	0.7	16.1	52	23.4
M899493		73	0.7	17.6	28	21.0
M899494		77	0.8	17.1	29	21.3
M899495		71	0.6	16.0	33	20.5
M899496		108	2.5	27.9	137	237
M899497		69	0.7	13.9	32	20.9
M899498		57	5.0	11.2	2930	34.3
M899499		71	1.2	13.8	56	19.5
M899500		68	1.0	15.6	42	20.6
M899501		60	2.1	14.9	1310	21.3
M899502		1	0.1	1.2	17	<0.5
M899503		70	0.7	17.2	33	26.0
M899504		73	0.6	16.7	34	23.9
M899505		73	2.3	17.9	41	26.9
M899506		71	1.4	17.8	39	24.1
M899507		69	0.6	16.3	33	23.7
M899508		70	3.3	15.4	29	23.9



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**CERTIFICATE OF ANALYSIS WH12159385**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12163810**

Project: Klaza-74B

P.O. No.: Batch 9

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12163810**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895489		7.34	0.005	0.17	7.34	7.6	3580	1.24	0.12	3.45	0.34	44.8	8.4	7	18.35	6.3
M895490		4.13	<0.005	0.09	7.05	4.0	1770	1.28	0.09	2.78	0.07	39.3	7.9	7	13.10	3.6
M895491		5.11	<0.005	0.10	8.17	3.1	2050	1.15	0.10	2.20	0.04	44.9	9.3	8	25.5	4.0
M895492		5.55	<0.005	0.09	6.75	4.3	1290	1.37	0.09	3.56	0.06	41.1	7.4	7	16.65	4.7
M895493		0.25	0.747	9.86	6.82	1845	1100	1.27	6.13	1.95	40.8	41.8	15.7	18	17.85	103.0
M895494		7.24	<0.005	0.10	8.02	3.4	1920	1.13	0.09	2.31	0.06	43.2	9.8	11	18.15	6.8
M895495		6.77	<0.005	0.35	8.03	16.1	1330	1.39	0.67	1.95	0.51	47.8	8.1	7	18.45	6.7
M895496		8.60	<0.005	0.09	7.54	2.5	1700	1.12	0.10	2.73	0.05	43.1	8.5	8	20.4	6.8
M895497		6.42	0.014	0.56	7.20	97.1	2940	1.24	0.25	3.60	0.74	44.5	7.9	6	18.60	10.0
M895498		3.11	<0.005	0.01	0.09	<5	20	0.06	0.06	21.9	0.06	1.00	1.4	<1	0.23	1.3
M895499		5.04	<0.005	0.11	7.24	1.9	2180	1.16	0.11	2.82	0.05	41.1	8.2	7	12.80	8.1
M895500		7.48	<0.005	0.14	7.13	2.2	2080	1.09	0.14	2.88	0.05	40.9	7.9	9	12.70	9.1
M895501		8.58	<0.005	0.09	6.92	3.7	2490	1.19	0.08	2.91	0.05	41.0	8.5	9	15.05	5.6
M895502		7.45	<0.005	0.02	6.91	3.5	2030	1.44	0.06	2.94	0.05	38.7	7.0	10	9.85	5.7
M895503		2.19	<0.005	0.04	6.31	4.3	2570	1.53	0.06	2.82	0.05	34.2	6.5	8	11.55	5.8
M895504		10.15	<0.005	0.04	7.44	3.2	1880	1.35	0.06	2.49	0.05	42.5	8.6	10	12.65	6.4
M895505		5.16	0.093	9.92	6.69	322	1550	1.47	0.08	3.13	2.71	42.9	8.5	8	15.95	10.4
M895506		5.56	<0.005	0.09	7.04	3.8	1900	1.55	0.06	2.16	0.05	39.7	7.9	11	13.10	5.4
M895507		<0.02	<0.005	0.06	6.98	3.6	1870	1.54	0.06	2.15	0.05	40.3	8.7	11	13.95	6.1
M895508		5.36	<0.005	0.09	6.57	4.9	1670	1.42	0.07	3.06	0.07	40.2	7.5	9	16.45	6.4
M895509		7.99	<0.005	0.09	7.32	3.2	2010	1.33	0.07	2.00	0.05	43.2	9.1	11	18.45	7.3
M895510		0.24	0.821	9.27	6.94	1795	1320	1.53	6.53	1.91	41.0	41.7	15.9	20	15.70	104.0
M895511		10.36	<0.005	0.08	7.21	4.2	1850	1.37	0.06	3.23	0.08	38.1	7.7	12	16.05	6.3
M895512		9.26	<0.005	0.04	7.83	3.4	1960	1.49	0.08	2.83	0.07	41.1	8.8	12	13.80	6.8
M895513		8.06	<0.005	0.04	7.53	4.4	1910	1.57	0.08	3.44	0.08	41.4	8.4	11	12.50	6.4
M895514		3.06	<0.005	0.01	0.09	<5	20	<0.05	0.03	19.80	0.06	1.12	0.6	2	0.59	1.5
M895515		5.83	<0.005	0.05	7.84	3.7	2240	1.54	0.07	2.16	0.05	44.0	9.0	11	16.90	6.1
M895516		4.95	<0.005	0.05	7.14	5.2	1690	1.51	0.08	3.43	0.07	41.0	8.3	10	17.95	6.6
M895517		4.68	<0.005	0.04	7.36	3.9	2230	1.51	0.07	2.82	0.06	44.1	9.5	10	20.6	6.7
M895518		4.57	<0.005	0.05	6.81	6.2	1770	1.31	0.14	3.24	0.06	38.4	7.4	9	20.0	5.3



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Finalized Date: 4-AUG-2012  
Account: ROCKHA

Project: Klaza-74B

**CERTIFICATE OF ANALYSIS WH12163810**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895489		3.42	14.95	0.09	1.3	0.039	2.69	22.8	54.0	0.98	1410	0.31	1.07	8.1	1.6	650
M895490		3.19	15.50	0.12	1.2	0.036	2.58	19.8	29.8	0.93	966	0.23	1.57	8.2	2.0	620
M895491		3.84	16.10	0.13	1.2	0.039	2.75	22.4	30.4	0.96	693	0.43	0.95	8.9	1.9	720
M895492		2.76	14.75	0.13	1.1	0.040	2.65	20.4	20.3	1.03	1040	2.54	1.15	7.7	1.6	590
M895493		5.45	14.70	0.12	1.4	0.862	2.96	21.9	23.5	0.72	2010	11.45	0.27	7.5	13.8	510
M895494		3.94	16.50	0.15	1.2	0.040	2.74	21.1	45.8	1.07	792	0.68	0.88	9.1	2.4	720
M895495		3.93	16.40	0.13	1.2	0.086	2.94	25.8	35.9	0.95	1420	0.43	0.19	8.1	1.8	660
M895496		3.85	15.80	0.14	1.2	0.040	2.78	21.2	35.3	0.87	899	0.55	0.75	8.2	2.1	720
M895497		4.06	15.15	0.15	1.0	0.086	2.92	24.7	23.3	1.01	2550	0.54	0.41	7.2	1.7	590
M895498		0.48	0.31	0.25	<0.1	<0.005	0.03	0.5	0.9	12.95	216	0.10	<0.01	0.4	1.9	180
M895499		3.30	15.35	0.12	1.1	0.036	2.63	20.4	15.4	0.86	883	0.63	1.57	7.8	1.9	640
M895500		3.12	14.75	0.13	1.1	0.036	2.72	20.2	21.2	0.86	904	0.59	1.28	8.1	1.9	640
M895501		3.38	15.30	0.14	1.1	0.034	2.49	20.2	56.7	0.98	855	0.40	1.35	7.7	2.1	660
M895502		2.65	14.30	0.14	1.1	0.035	2.41	18.6	44.1	0.76	773	0.56	1.75	7.0	2.4	610
M895503		2.31	14.40	0.14	1.0	0.028	2.32	17.2	47.0	0.71	706	0.45	1.49	6.4	2.3	510
M895504		3.34	14.40	0.15	1.0	0.035	2.37	23.8	30.8	0.99	779	0.69	1.17	6.8	2.6	590
M895505		2.96	14.00	0.16	1.1	0.067	2.64	23.3	30.0	0.80	2250	0.90	0.49	6.6	2.7	540
M895506		2.96	14.05	0.15	1.1	0.030	2.28	20.7	21.5	0.79	576	0.69	1.57	7.2	2.7	580
M895507		2.89	15.65	0.17	1.2	0.034	2.30	19.2	23.2	0.77	566	0.86	1.58	7.7	2.9	580
M895508		2.62	14.75	0.15	1.1	0.032	2.26	21.5	26.2	0.82	780	0.61	1.40	7.1	2.6	550
M895509		3.22	15.40	0.15	1.3	0.036	2.37	23.8	26.8	0.90	572	0.67	1.53	7.4	3.2	620
M895510		5.34	14.00	0.14	1.3	0.871	2.79	22.7	26.8	0.71	2070	11.90	0.26	6.9	14.8	510
M895511		2.91	14.25	0.14	1.0	0.028	2.44	19.8	24.3	0.91	787	0.56	1.46	7.2	2.5	620
M895512		3.22	15.50	0.16	1.2	0.037	2.60	22.8	26.5	0.95	767	0.47	1.73	7.4	2.8	640
M895513		3.14	15.05	0.15	1.1	0.036	2.53	21.6	22.3	0.96	843	0.77	1.92	7.4	2.8	640
M895514		0.44	0.23	0.14	<0.1	<0.005	0.04	0.6	1.4	12.15	213	0.10	0.01	0.2	1.2	160
M895515		2.99	16.35	0.17	1.2	0.034	2.80	23.8	36.5	0.91	671	0.52	1.41	8.0	2.9	660
M895516		3.13	14.55	0.18	1.1	0.035	2.53	20.1	76.9	1.05	898	0.56	1.34	7.2	3.0	610
M895517		3.27	15.35	0.16	1.1	0.037	2.59	22.2	57.1	0.80	801	0.82	1.37	7.8	2.8	630
M895518		2.78	13.70	0.16	1.0	0.036	2.41	19.4	85.7	0.94	981	0.30	1.22	6.5	2.7	560



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**CERTIFICATE OF ANALYSIS WH12163810**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M895489		17.3	119.5	<0.002	0.16	5.33	11.8	1	1.4	381	0.66	<0.05	12.9	0.278	1.36	3.3
M895490		11.5	106.0	<0.002	0.04	3.24	11.1	1	1.5	322	0.67	<0.05	11.8	0.272	1.14	3.8
M895491		15.3	109.5	<0.002	0.02	2.68	13.6	1	1.7	378	0.74	<0.05	12.2	0.314	1.06	4.6
M895492		8.0	118.0	<0.002	0.06	3.33	11.1	1	1.4	246	0.63	<0.05	10.9	0.261	1.28	4.5
M895493		1360	164.0	0.002	3.17	33.7	8.5	1	5.7	150.0	0.56	0.31	11.4	0.213	2.30	4.9
M895494		12.8	106.0	<0.002	0.02	2.80	13.3	1	1.7	360	0.73	<0.05	11.7	0.315	1.03	3.9
M895495		28.8	159.5	<0.002	0.25	6.19	12.7	1	1.8	177.0	0.59	<0.05	13.1	0.282	1.56	4.0
M895496		12.0	103.0	<0.002	0.03	3.95	12.6	1	1.5	259	0.60	<0.05	11.1	0.304	1.06	3.0
M895497		58.0	169.0	<0.002	0.68	6.96	11.1	1	1.8	255	0.52	<0.05	11.6	0.253	1.76	3.9
M895498		1.2	1.4	<0.002	0.02	0.06	0.3	1	<0.2	44.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M895499		11.1	104.5	<0.002	0.03	2.04	11.4	1	1.5	361	0.57	<0.05	10.9	0.279	1.04	3.4
M895500		12.3	107.0	<0.002	0.03	2.50	12.3	1	1.3	355	0.60	<0.05	11.1	0.283	1.03	3.1
M895501		9.2	104.5	<0.002	0.06	3.27	11.9	1	1.4	323	0.55	<0.05	9.3	0.280	1.07	2.3
M895502		11.0	92.6	0.002	0.03	2.45	11.1	<1	1.5	337	0.58	<0.05	9.9	0.270	1.05	3.3
M895503		11.7	97.9	0.002	0.05	2.43	10.2	<1	1.4	323	0.55	<0.05	9.7	0.232	1.13	3.4
M895504		15.3	90.6	<0.002	0.01	1.75	11.7	1	1.5	482	0.62	<0.05	12.2	0.258	0.89	4.2
M895505		123.0	129.5	<0.002	0.81	16.40	11.1	<1	1.7	305	0.57	<0.05	11.6	0.236	2.03	7.0
M895506		15.3	90.6	<0.002	0.01	1.50	11.6	1	1.5	446	0.63	<0.05	12.2	0.258	0.96	4.1
M895507		15.8	89.6	<0.002	0.01	1.63	12.3	1	1.7	449	0.65	<0.05	11.4	0.262	0.91	4.3
M895508		14.8	85.7	<0.002	0.03	2.72	11.2	1	1.5	455	0.60	<0.05	11.0	0.246	1.10	3.6
M895509		14.4	100.5	<0.002	0.01	1.83	13.2	1	1.7	465	0.67	<0.05	13.2	0.274	0.98	4.5
M895510		1360	159.5	0.003	3.28	30.8	9.4	1	5.9	155.5	0.64	0.28	11.6	0.206	2.61	5.5
M895511		15.9	76.4	<0.002	0.01	2.20	11.1	1	1.5	527	0.62	<0.05	10.1	0.270	0.88	4.0
M895512		15.6	91.5	0.005	0.01	2.46	12.4	1	1.6	463	0.65	<0.05	12.5	0.285	1.04	5.1
M895513		15.6	91.2	<0.002	0.02	2.63	11.9	<1	1.5	431	0.63	<0.05	11.5	0.284	1.06	3.8
M895514		1.3	2.7	0.002	0.01	<0.05	0.2	<1	0.2	46.0	<0.05	<0.05	<0.2	<0.005	0.02	0.9
M895515		16.2	103.0	0.002	<0.01	1.61	13.1	1	1.8	516	0.70	<0.05	13.0	0.300	1.06	4.5
M895516		14.8	84.0	<0.002	0.02	3.81	11.7	1	1.7	468	0.58	<0.05	10.0	0.281	1.11	2.7
M895517		17.2	94.9	<0.002	0.02	3.19	12.7	1	1.8	445	0.65	<0.05	12.2	0.291	1.11	4.5
M895518		17.4	84.1	<0.002	0.06	3.53	10.7	1	1.6	398	0.53	<0.05	11.0	0.256	1.09	3.4



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**CERTIFICATE OF ANALYSIS WH12163810**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895489		78	1.7	16.3	93	33.5
M895490		79	1.7	14.1	76	28.8
M895491		94	2.6	16.7	66	28.2
M895492		76	1.7	13.2	53	24.9
M895493		59	5.0	11.1	3060	40.0
M895494		92	3.2	16.0	71	28.5
M895495		81	2.7	13.6	128	29.7
M895496		89	1.8	14.4	60	28.6
M895497		72	3.1	14.4	146	26.8
M895498		1	0.1	0.7	13	<0.5
M895499		78	1.1	12.8	59	28.7
M895500		77	1.5	13.8	53	28.1
M895501		80	1.7	12.2	59	27.1
M895502		76	1.3	10.7	52	25.2
M895503		70	1.2	9.9	45	23.8
M895504		73	1.5	14.0	60	24.5
M895505		70	3.4	13.1	219	24.6
M895506		75	1.8	12.7	53	26.0
M895507		75	2.2	13.2	54	29.6
M895508		71	1.6	13.6	47	27.4
M895509		78	1.7	13.7	60	28.4
M895510		57	5.4	10.3	2980	37.0
M895511		77	1.2	12.7	57	24.7
M895512		81	1.1	13.2	61	28.1
M895513		81	1.2	12.4	60	27.6
M895514		2	0.2	0.7	15	<0.5
M895515		85	1.3	14.4	61	28.2
M895516		82	0.8	12.6	60	27.2
M895517		83	0.8	14.8	66	27.8
M895518		77	0.8	12.1	76	27.4



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**CERTIFICATE OF ANALYSIS WH12163810**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12163811**

Project: Klaza - 80

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12163811**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899823		6.17	0.007	0.15	6.85	31.1	2350	1.40	0.13	3.02	0.29	49.3	5.3	71	16.45	9.2
M899824		4.40	0.037	0.87	6.61	69.2	2610	1.41	1.65	2.51	0.74	59.3	13.2	99	20.1	61.7
M899825		6.63	0.020	0.40	7.22	153.0	4680	1.34	0.57	3.13	0.35	55.2	6.0	77	14.15	23.0
M899826		4.67	0.079	1.05	4.54	459	1040	1.03	1.91	9.22	1.96	34.7	6.0	51	11.15	32.3
M899827		6.70	0.030	0.88	7.26	67.5	1520	1.44	1.95	2.72	1.83	66.1	6.7	78	19.85	39.5
M899828		10.90	0.034	0.64	7.62	21.1	2290	1.38	1.34	2.00	1.63	49.4	7.9	113	20.1	22.3
M899829		<0.02	0.012	0.65	7.75	22.3	2270	1.40	1.34	2.01	1.66	51.0	7.7	112	19.95	23.6
M899830		6.45	0.047	0.43	7.22	271	2810	1.27	0.67	2.43	1.48	49.4	6.7	95	16.05	16.9
M899831		10.26	0.006	0.21	7.72	28.7	1320	1.31	0.52	2.35	0.68	47.1	5.4	96	15.75	7.8
M899832		0.21	3.66	>100	5.71	8530	1390	1.14	60.2	2.01	231	33.0	9.6	17	11.60	1290
M899833		8.86	0.034	0.82	7.07	48.7	1640	1.33	1.89	1.97	1.86	57.2	13.9	142	10.80	41.6
M899834		9.91	0.037	0.45	7.75	25.9	2040	1.37	1.71	1.84	1.13	44.7	7.3	133	10.05	12.3
M899835		9.71	0.048	0.84	6.88	47.6	1630	1.62	2.50	1.84	1.58	77.9	10.0	138	26.3	22.6
M899836		4.72	1.085	39.2	6.46	1965	500	1.39	102.5	1.50	13.55	47.5	7.2	127	16.75	1840
M899837		3.43	<0.005	0.06	0.20	<5	40	0.12	0.14	21.1	0.09	2.08	1.6	5	0.73	4.5
M899838		8.42	0.056	1.01	7.73	150.5	1270	1.70	2.49	2.19	1.63	54.0	10.6	118	15.25	38.0
M899839		8.39	0.128	1.58	6.88	691	680	1.45	3.16	1.70	12.60	55.9	13.9	119	14.65	41.7
M899840		10.03	0.005	0.21	7.71	16.3	2220	1.45	0.59	1.59	0.43	46.3	7.1	114	13.75	5.4
M899841		11.42	<0.005	0.09	7.93	13.3	2130	1.17	0.87	1.40	0.50	55.4	6.8	120	17.50	17.9
M899842		5.74	0.030	0.43	7.13	84.4	1630	1.46	1.12	1.52	1.70	63.3	7.8	116	18.25	9.6
M899843		5.22	0.177	1.91	6.36	419	740	1.26	4.20	1.51	4.54	51.9	6.5	138	13.45	32.6
M899844		10.01	<0.005	0.11	7.76	10.4	2200	1.21	1.14	1.86	0.41	52.7	6.4	135	19.10	16.1
M899845		0.21	2.22	24.3	5.86	3210	1480	1.24	18.25	2.18	75.7	43.2	10.8	16	14.50	421
M899846		9.95	0.008	0.20	7.71	27.8	2390	1.23	1.44	1.11	0.90	53.1	6.0	109	16.45	9.9
M899847		10.35	0.092	0.86	5.88	346	1920	1.36	1.88	4.22	9.66	50.5	7.1	151	20.8	37.5
M899848		6.33	0.019	0.45	7.30	41.9	1630	1.50	0.98	0.85	4.42	61.6	4.3	125	31.0	14.4
M899849		9.97	0.099	1.00	6.17	233	1050	1.21	2.13	2.18	4.63	51.6	4.9	163	23.6	21.0
M899850		7.84	0.277	3.50	6.22	686	540	1.23	5.61	2.17	3.17	53.1	5.4	138	35.4	134.0
M899851		5.79	0.031	0.62	7.28	56.3	1530	1.05	1.10	2.24	5.17	52.8	4.5	146	15.65	15.6
M899852		3.27	0.029	0.57	7.01	45.2	1630	1.03	0.94	2.10	5.43	48.4	5.5	104	15.35	49.9
M899853		5.16	0.100	2.12	7.18	81.4	1460	1.06	10.25	2.22	3.17	53.8	6.1	120	18.15	187.5
M899854		8.64	0.627	10.95	6.89	247	930	0.92	76.6	2.74	6.85	50.8	6.5	129	15.90	766
M899855		2.94	<0.005	0.04	0.12	<5	40	<0.05	0.19	19.90	0.07	1.44	1.0	3	0.32	3.7
M899856		12.89	0.176	0.99	7.29	42.4	1550	1.45	6.21	2.81	2.57	60.3	7.8	102	23.4	43.2
M899857		7.81	<0.005	0.16	7.44	7.8	1910	1.55	0.29	2.57	1.02	48.5	4.6	101	20.5	4.8
M899858		4.40	0.310	10.75	6.19	370	650	1.23	4.33	2.18	66.7	67.5	6.4	151	22.6	62.2



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**CERTIFICATE OF ANALYSIS WH12163811**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899823		2.02	18.70	0.16	2.5	0.027	1.21	25.4	176.5	1.07	1010	3.88	0.31	9.8	11.9	700
M899824		2.33	16.25	0.17	2.1	0.219	1.44	36.4	89.5	0.99	1020	5.98	0.17	7.6	10.3	540
M899825		1.94	18.10	0.16	3.5	0.034	1.22	30.1	196.0	1.16	1070	3.68	0.37	9.6	17.3	580
M899826		3.71	10.80	0.14	1.1	0.125	1.52	19.4	30.0	3.84	4120	5.15	0.08	5.3	7.0	310
M899827		3.55	16.95	0.16	1.0	0.341	2.17	41.5	34.8	1.13	1250	2.06	0.10	8.0	3.7	570
M899828		3.45	17.80	0.17	1.1	0.305	3.15	25.8	25.6	0.56	795	0.88	0.35	9.1	3.5	630
M899829		3.47	17.85	0.17	1.1	0.303	3.15	26.7	25.4	0.58	803	0.93	0.35	8.8	4.2	630
M899830		2.79	16.15	0.18	1.0	0.169	2.76	27.0	32.5	0.76	926	0.93	0.17	8.4	3.4	570
M899831		3.10	17.90	0.19	1.2	0.119	2.46	24.4	81.9	0.72	975	1.00	0.12	9.8	3.7	690
M899832		8.00	13.80	0.21	1.0	4.53	2.25	17.0	32.1	0.63	3070	16.05	0.13	6.5	13.1	480
M899833		3.48	16.25	0.17	0.9	0.247	1.73	34.1	39.0	0.77	1180	4.96	0.08	7.5	4.2	550
M899834		3.06	17.80	0.15	1.1	0.276	1.61	23.2	45.6	0.69	1070	1.83	0.09	8.9	4.0	720
M899835		3.17	15.70	0.18	0.9	0.566	2.37	51.9	25.1	0.74	974	2.70	0.10	7.2	4.0	530
M899836		5.96	15.80	0.23	1.0	1.775	2.38	23.9	27.4	0.64	1420	23.9	0.06	7.3	5.4	510
M899837		0.51	0.66	0.10	<0.1	0.010	0.09	1.1	3.9	13.30	230	0.34	0.01	0.6	3.2	250
M899838		2.46	17.35	0.18	1.1	0.605	3.14	29.1	30.7	0.79	1100	15.50	0.08	8.0	4.3	590
M899839		5.69	16.80	0.19	1.0	0.657	2.69	32.5	19.7	0.88	2030	19.00	0.06	7.6	4.5	540
M899840		3.25	17.80	0.17	1.3	0.085	2.85	23.6	29.0	0.61	583	2.35	0.75	9.8	4.4	650
M899841		3.16	18.10	0.07	1.3	0.099	2.55	27.8	44.6	0.49	748	2.01	0.15	9.4	5.6	640
M899842		3.28	15.15	0.10	1.1	0.179	2.84	34.8	15.3	0.70	1160	1.67	0.05	7.4	5.2	530
M899843		4.52	13.75	0.10	1.0	0.246	2.75	28.2	19.7	0.69	1280	2.39	0.04	6.6	4.7	460
M899844		3.35	17.45	0.11	1.3	0.059	2.91	25.9	30.2	0.61	523	1.29	0.16	9.0	5.6	630
M899845		6.52	14.20	0.14	0.9	1.770	2.64	22.2	23.0	0.90	1830	11.65	0.03	6.4	17.8	420
M899846		3.36	16.40	0.10	1.2	0.084	2.98	28.1	25.3	0.44	580	1.97	0.13	8.4	4.5	590
M899847		2.85	13.80	0.09	1.0	0.576	2.37	27.4	23.8	0.56	1080	4.12	0.05	6.7	5.4	450
M899848		2.40	16.90	0.12	1.1	0.274	2.45	35.8	34.8	0.37	863	1.95	0.04	7.7	3.8	550
M899849		3.41	14.80	0.13	1.0	0.267	2.20	30.2	34.2	0.81	1240	6.46	0.03	6.7	5.3	480
M899850		3.91	15.50	0.14	1.0	0.460	2.59	31.0	18.8	0.89	1270	2.31	0.03	6.9	4.1	480
M899851		2.63	16.00	0.11	1.2	0.216	2.65	29.2	56.4	0.87	974	2.27	0.09	7.7	5.0	570
M899852		2.40	15.80	0.13	1.2	0.191	2.50	25.1	65.8	0.78	942	2.01	0.08	7.9	3.8	560
M899853		2.92	15.95	0.13	1.1	0.245	2.27	30.1	136.5	0.85	884	3.42	0.09	7.5	4.3	580
M899854		3.38	16.50	0.13	1.1	0.581	2.17	28.7	110.0	1.01	1020	4.28	0.11	7.5	4.0	540
M899855		0.47	0.34	0.07	<0.1	0.005	0.05	0.7	2.0	12.50	215	0.08	0.01	0.3	1.3	190
M899856		2.95	17.80	0.15	1.2	0.145	2.50	33.0	97.8	0.86	832	1.77	0.14	8.3	4.0	580
M899857		3.14	16.65	0.15	1.3	0.073	2.62	25.2	20.3	0.80	536	1.31	1.49	8.7	4.2	580
M899858		4.78	19.95	0.14	0.9	11.15	2.39	40.6	18.9	0.51	916	4.70	0.23	5.7	4.2	400



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Project: Klaza - 80

**CERTIFICATE OF ANALYSIS WH12163811**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899823		26.7	44.7	<0.002	0.20	14.70	6.3	1	1.5	312	0.69	<0.05	9.3	0.244	1.33	5.4
M899824		46.1	83.4	0.002	0.64	21.3	7.1	1	7.3	319	0.60	0.10	11.7	0.201	1.55	21.5
M899825		28.4	58.7	<0.002	0.27	9.70	6.2	1	2.1	287	0.72	<0.05	11.5	0.231	1.15	7.4
M899826		100.0	79.3	<0.002	0.83	10.55	5.6	1	2.6	233	0.39	0.21	7.9	0.133	1.73	6.5
M899827		70.3	120.5	<0.002	1.03	16.85	10.5	1	4.3	89.3	0.63	0.37	13.4	0.217	2.15	4.0
M899828		79.1	133.0	<0.002	0.65	12.10	11.0	1	4.1	114.5	0.72	0.23	13.4	0.245	2.43	3.9
M899829		73.8	136.0	0.002	0.64	12.00	10.9	1	4.0	113.5	0.70	0.24	13.6	0.241	2.38	3.9
M899830		44.7	110.5	<0.002	0.81	10.90	10.0	1	2.8	147.5	0.66	0.06	13.0	0.221	2.64	5.5
M899831		26.2	94.4	<0.002	0.22	13.45	11.1	1	2.5	272	0.76	<0.05	13.4	0.259	1.81	3.2
M899832		9790	133.0	0.002	7.50	226	7.7	2	8.7	124.5	0.52	0.45	8.6	0.178	2.37	4.7
M899833		72.8	95.0	<0.002	1.34	18.65	10.5	1	4.5	204	0.58	0.35	13.5	0.204	1.95	5.4
M899834		35.5	60.6	<0.002	0.74	9.74	11.0	1	3.5	580	0.73	0.11	13.1	0.234	1.72	2.8
M899835		47.6	134.0	<0.002	1.16	15.20	10.4	1	6.1	96.2	0.56	0.33	12.7	0.191	2.51	9.2
M899836		675	140.0	0.002	4.77	330	9.3	3	8.0	88.4	0.58	2.80	11.5	0.191	2.57	10.1
M899837		4.5	4.6	<0.002	0.02	0.57	0.6	1	0.2	46.7	<0.05	<0.05	0.3	0.008	0.04	0.9
M899838		34.8	175.5	0.005	0.82	22.2	10.5	1	4.3	66.6	0.62	0.19	13.8	0.208	3.24	5.2
M899839		214	139.5	0.003	2.85	31.1	9.9	1	7.1	56.3	0.60	0.12	12.5	0.198	3.01	6.6
M899840		22.2	118.5	<0.002	0.18	9.51	11.6	1	2.7	165.5	0.79	0.09	13.3	0.252	1.74	3.2
M899841		27.1	108.0	<0.002	0.15	18.05	12.9	1	3.4	141.0	0.77	0.06	14.4	0.277	1.46	4.3
M899842		44.8	131.0	<0.002	0.89	9.40	10.1	2	3.8	79.1	0.66	0.18	13.3	0.219	2.37	8.3
M899843		126.0	133.5	<0.002	2.18	27.4	9.7	2	4.7	49.7	0.59	0.51	11.5	0.199	2.57	8.3
M899844		25.1	99.4	<0.002	0.08	8.48	11.9	2	3.9	138.0	0.75	0.16	13.9	0.268	1.61	3.3
M899845		2710	149.5	0.002	4.76	88.7	8.9	2	7.9	88.6	0.53	0.41	10.1	0.178	2.34	5.3
M899846		30.4	127.0	<0.002	0.21	12.35	11.9	2	3.2	104.0	0.73	0.07	14.4	0.254	1.75	3.2
M899847		167.0	110.0	<0.002	0.94	18.05	9.2	2	7.1	192.5	0.59	0.09	11.3	0.200	2.20	7.7
M899848		93.1	123.0	<0.002	0.46	10.55	10.0	1	3.4	150.5	0.64	<0.05	13.7	0.227	2.18	12.0
M899849		70.8	131.0	<0.002	1.48	17.75	8.8	1	4.5	148.5	0.55	0.05	12.6	0.188	2.26	5.1
M899850		87.9	179.0	<0.002	2.25	32.2	8.9	1	5.8	91.4	0.53	0.13	12.6	0.188	2.66	6.2
M899851		49.5	126.5	<0.002	0.57	7.52	9.7	1	3.4	128.5	0.63	<0.05	13.4	0.228	2.34	4.4
M899852		46.4	99.7	<0.002	0.46	7.58	9.5	1	7.6	135.5	0.64	<0.05	12.0	0.230	2.16	3.6
M899853		53.3	109.5	<0.002	0.84	49.7	10.1	1	5.4	152.5	0.60	0.12	13.1	0.235	2.09	6.9
M899854		199.0	102.0	<0.002	1.28	231	9.5	1	3.9	170.0	0.61	0.74	13.2	0.223	1.85	6.9
M899855		1.7	2.1	<0.002	0.02	0.65	0.3	1	<0.2	42.7	<0.05	<0.05	0.2	<0.005	0.02	0.6
M899856		36.7	95.1	<0.002	0.79	18.50	11.7	1	3.5	169.0	0.70	0.16	12.6	0.246	1.96	5.7
M899857		28.3	95.2	<0.002	0.07	4.55	10.7	1	2.0	303	0.75	<0.05	12.4	0.246	1.30	3.6
M899858		1210	137.5	<0.002	3.78	21.3	8.5	1	18.9	158.0	0.46	0.12	10.9	0.166	2.16	6.1



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**CERTIFICATE OF ANALYSIS WH12163811**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M899823		49	4.4	12.5	81	99.2		
M899824		55	13.2	14.0	93	81.3		
M899825		48	23.3	13.4	64	144.0		
M899826		37	8.1	14.3	237	44.5		
M899827		63	4.4	14.7	195	33.3		
M899828		70	3.7	15.0	163	34.0		
M899829		68	3.6	14.8	165	34.0		
M899830		63	3.1	14.9	161	31.6		
M899831		71	3.8	15.9	94	36.7		
M899832		53	5.7	9.6	>10000	34.4	127	1.645
M899833		67	3.6	16.6	167	27.6		
M899834		68	6.4	15.0	114	35.4		
M899835		62	4.1	15.5	180	28.1		
M899836		59	9.1	14.1	1020	33.0		
M899837		5	0.2	1.2	18	1.1		
M899838		68	3.1	12.0	179	34.2		
M899839		61	7.6	12.0	1120	31.9		
M899840		71	3.2	15.6	66	38.0		
M899841		74	4.1	19.2	66	39.0		
M899842		60	4.3	15.3	177	30.8		
M899843		56	4.7	14.4	322	28.6		
M899844		73	3.3	19.7	58	38.3		
M899845		53	5.1	11.1	5220	27.9		
M899846		68	2.9	18.0	99	34.9		
M899847		57	3.7	20.4	743	29.1		
M899848		63	4.3	13.3	337	31.1		
M899849		54	5.3	12.7	398	29.3		
M899850		53	6.7	11.7	301	30.3		
M899851		63	7.8	13.2	447	33.5		
M899852		64	8.3	12.6	453	33.1		
M899853		65	8.4	13.9	284	31.5		
M899854		60	10.2	13.8	551	29.5		
M899855		2	0.1	0.8	15	0.5		
M899856		66	9.0	15.0	204	31.2		
M899857		65	2.0	14.5	100	37.2		
M899858		54	5.0	14.0	4260	24.3		



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**CERTIFICATE OF ANALYSIS WH12163811**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12163812**

Project: Klaza - 80

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12163812**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899859		10.38	0.051	0.37	7.60	122.0	1710	1.25	0.42	2.02	2.84	52.9	5.1	9	15.80	6.2
M899860		8.18	0.007	0.31	7.52	16.4	2020	1.47	0.41	2.46	3.17	51.7	5.1	9	14.65	7.2
M899861		0.22	2.29	24.7	5.92	3400	1070	1.12	19.15	2.18	75.8	44.5	10.5	18	15.30	436
M899862		7.69	0.067	1.65	7.31	118.0	1630	1.36	1.25	3.17	12.80	53.2	9.7	9	15.40	16.5
M899863		2.56	<0.005	0.02	0.09	<5	20	0.05	0.03	19.45	0.10	1.36	1.0	1	0.29	2.3
M899864		5.03	0.038	0.77	7.15	235	1950	1.76	0.94	2.67	11.20	54.1	5.0	9	14.00	18.1
M899865		7.81	0.005	0.59	7.75	18.7	2050	1.54	0.89	2.74	3.55	54.5	7.3	11	12.65	7.4
M899866		3.86	0.016	1.35	7.40	37.8	1530	1.53	2.51	2.86	9.71	66.2	7.0	8	11.55	9.1
M899867		6.27	0.023	1.38	7.36	54.2	1920	1.43	2.46	2.50	8.02	47.0	4.3	10	17.85	22.3
M899868		3.94	0.017	2.12	7.37	59.3	1710	1.46	4.38	2.26	8.93	50.1	4.7	8	16.75	31.0
M899869		3.18	0.305	47.7	6.60	801	230	1.22	105.5	2.70	6.81	54.3	6.3	6	16.65	843
M899870		4.08	0.026	0.78	7.59	85.4	1000	1.33	1.25	1.73	4.58	59.4	4.1	8	15.70	17.3
M899871		8.14	0.040	0.85	7.63	156.0	860	1.30	1.46	1.78	8.98	53.1	6.9	13	14.10	19.5
M899872		6.60	0.233	2.28	7.55	299	400	1.16	3.35	1.14	3.49	56.8	6.3	9	14.25	54.1
M899873		5.76	0.078	1.69	7.52	149.0	720	1.47	1.93	1.20	4.71	59.1	5.3	9	18.55	34.7
M899874		4.25	6.52	6.88	6.59	571	450	1.13	5.94	1.66	31.4	51.8	8.0	7	13.70	301
M899875		8.45	0.029	0.60	7.55	56.4	560	1.40	1.15	1.34	6.05	60.9	5.1	8	17.65	9.7
M899876		6.12	0.066	0.60	7.28	48.8	750	1.38	0.90	2.02	2.29	67.7	5.4	8	14.80	4.2
M899877		4.79	0.340	4.45	6.05	619	460	1.36	2.07	1.07	45.4	84.1	6.1	9	12.20	40.4
M899878		7.74	0.031	1.21	7.35	39.9	450	1.54	2.31	0.97	13.65	93.8	14.1	11	14.85	22.4
M899879		10.78	0.011	1.01	7.92	41.0	660	1.57	1.89	1.26	6.21	71.3	15.3	10	15.60	44.8
M899880		0.21	4.54	>100	5.41	8230	930	1.06	60.6	1.93	223	36.3	8.9	18	12.65	1275
M899881		9.68	0.008	0.64	8.62	29.0	490	1.59	1.26	0.98	2.40	68.0	12.5	13	13.60	11.4
M899882		8.75	0.150	2.47	7.41	134.0	520	1.59	3.44	1.34	8.41	60.5	5.5	12	12.90	74.0
M899883		4.80	0.399	3.73	6.45	1500	520	1.38	5.53	1.66	10.95	54.8	6.2	8	12.95	94.8
M899884		7.76	0.033	1.17	7.31	66.0	460	1.63	1.66	1.51	9.68	49.6	8.7	16	11.90	21.0
M899885		5.00	0.625	5.00	8.17	1760	680	1.49	1.41	0.51	26.2	58.7	15.9	11	12.95	54.3
M899886		6.51	0.020	0.76	8.40	29.5	560	1.71	1.13	0.58	3.95	61.7	13.9	10	20.2	9.2
M899887		7.77	0.093	0.75	8.49	537	890	1.82	1.19	0.67	10.75	59.2	7.8	10	19.00	12.7
M899888		13.13	0.042	1.09	7.68	49.3	730	1.54	1.90	2.43	6.38	50.4	9.2	9	10.45	32.0
M899889		10.98	0.088	1.39	8.48	54.7	890	1.77	2.21	0.59	12.45	65.2	9.9	11	12.35	39.4
M899890		<0.02	0.143	1.45	8.19	55.8	1020	1.79	2.28	0.58	13.00	65.9	10.2	9	12.30	37.2
M899891		6.32	0.006	0.30	8.56	23.1	1200	1.76	0.70	0.86	1.69	70.4	10.3	9	16.85	6.9
M899892		4.06	0.023	1.27	7.15	76.6	910	1.70	2.32	1.92	9.68	54.9	12.1	8	10.20	33.7
M899893		8.34	0.216	4.03	6.45	304	430	1.57	7.08	2.57	19.10	72.2	20.0	9	17.50	34.1
M899894		1.47	<0.005	0.02	0.11	<5	20	0.10	0.04	21.5	0.20	1.68	1.3	1	0.53	1.7





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Account: ROCKHA

Project: Klaza - 80

**CERTIFICATE OF ANALYSIS WH12163812**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899859		3.25	16.90	0.14	1.2	0.089	2.26	27.4	79.2	0.70	802	0.62	0.45	8.2	2.4	600
M899860		3.09	17.40	0.13	1.3	0.118	2.74	26.2	14.9	0.73	679	0.71	1.97	8.6	2.5	590
M899861		6.60	15.35	0.15	0.9	1.700	2.58	24.0	22.7	0.88	1820	13.05	0.04	6.2	15.7	430
M899862		3.75	16.70	0.14	1.1	0.390	2.86	28.7	19.1	0.77	886	1.30	0.53	7.4	2.5	520
M899863		0.49	0.32	0.06	<0.1	0.005	0.05	0.7	1.2	12.30	215	0.09	0.01	0.3	1.3	180
M899864		3.01	16.40	0.13	1.3	0.219	2.80	27.8	24.9	0.63	829	0.97	1.20	8.2	2.4	570
M899865		3.13	17.55	0.15	1.4	0.135	2.67	28.1	13.9	0.76	671	1.49	2.21	8.8	2.8	590
M899866		3.10	16.45	0.15	1.2	0.355	2.50	35.8	13.3	0.73	781	1.22	1.78	8.0	2.1	570
M899867		2.94	17.20	0.14	1.2	0.313	2.71	23.9	22.3	0.76	716	1.43	1.36	8.4	2.7	560
M899868		2.79	16.75	0.13	1.2	0.386	2.54	26.1	21.6	0.74	713	1.70	1.53	7.9	2.4	540
M899869		5.25	15.90	0.17	1.0	1.655	2.64	30.9	19.5	1.09	1300	4.26	0.05	6.9	2.4	490
M899870		3.37	16.35	0.13	1.2	0.303	2.06	33.7	84.9	0.67	871	1.33	0.03	7.9	2.2	580
M899871		3.10	17.20	0.13	1.2	0.363	1.65	28.3	132.5	0.66	941	3.63	0.03	8.1	2.3	610
M899872		4.65	17.15	0.16	1.1	0.351	2.52	31.6	40.9	0.57	1110	3.37	0.03	7.9	2.8	570
M899873		4.27	17.60	0.15	1.1	0.279	2.67	32.8	34.1	0.69	1040	3.72	0.03	8.1	2.6	580
M899874		5.61	15.30	0.15	0.9	1.215	2.86	30.2	18.4	0.82	1300	15.80	0.04	6.4	3.0	470
M899875		3.18	16.75	0.14	1.0	0.277	2.21	35.1	85.9	0.64	1010	3.30	0.04	7.3	2.2	590
M899876		3.14	16.20	0.14	0.9	0.207	2.35	37.8	68.8	0.75	1040	8.22	0.07	6.3	2.7	570
M899877		6.88	15.45	0.20	0.8	1.120	2.52	52.2	66.1	0.50	908	28.5	0.05	5.8	2.9	470
M899878		3.85	17.55	0.19	0.8	0.709	2.17	56.7	72.6	0.54	998	2.07	0.06	5.3	5.8	580
M899879		3.54	18.45	0.19	1.0	0.347	1.69	36.8	32.5	0.56	948	0.74	1.22	7.0	5.4	640
M899880		7.98	12.25	0.23	1.0	5.05	2.27	18.1	32.4	0.62	3000	15.05	0.08	5.5	11.9	450
M899881		2.81	21.7	0.18	1.3	0.147	1.31	30.7	42.3	0.45	818	2.34	0.38	10.1	5.0	720
M899882		3.90	16.70	0.17	1.2	0.284	2.84	31.6	45.0	0.62	1040	4.72	0.04	7.5	2.5	560
M899883		4.86	16.00	0.20	1.0	0.469	2.89	25.2	18.5	0.63	1380	15.55	0.04	6.8	3.7	570
M899884		3.49	17.20	0.19	1.0	0.283	2.24	21.3	64.7	0.67	1210	1.06	0.05	7.1	3.1	630
M899885		3.63	19.60	0.18	1.1	0.619	2.09	27.6	31.1	0.42	829	1.16	0.04	7.3	3.6	650
M899886		3.30	19.45	0.18	1.1	0.342	1.65	30.1	36.7	0.40	834	1.43	0.67	7.1	3.1	650
M899887		3.78	18.70	0.19	1.2	0.259	1.51	30.4	23.6	0.43	912	1.08	1.74	8.8	2.3	670
M899888		4.29	18.10	0.18	1.1	0.485	1.48	25.0	32.8	0.96	1060	1.33	0.86	7.7	2.7	630
M899889		3.89	18.95	0.19	1.1	0.694	1.75	33.9	22.3	0.44	876	0.85	1.46	7.4	2.8	670
M899890		3.78	18.45	0.21	1.1	0.711	1.68	33.6	22.9	0.43	851	0.97	1.41	7.6	2.7	650
M899891		3.63	19.05	0.21	1.1	0.147	2.14	35.4	36.9	0.55	872	0.94	0.29	7.3	2.8	680
M899892		4.26	17.05	0.18	1.0	0.459	2.65	27.3	45.5	0.79	1100	3.03	0.09	6.1	2.6	570
M899893		6.74	14.85	0.24	0.9	0.761	2.65	40.4	29.2	0.80	903	18.70	0.06	5.6	2.8	810
M899894		0.49	0.34	0.07	<0.1	0.010	0.05	0.8	1.1	13.40	218	0.34	<0.01	0.2	1.7	180



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**CERTIFICATE OF ANALYSIS WH12163812**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899859		47.5	91.7	<0.002	0.26	13.20	10.6	1	3.3	243	0.68	<0.05	12.8	0.239	1.49	3.1
M899860		48.1	102.0	<0.002	0.22	4.98	10.5	1	3.1	325	0.72	<0.05	12.1	0.241	1.42	4.1
M899861		2710	163.0	<0.002	4.84	89.7	8.1	1	8.1	94.2	0.48	0.38	11.5	0.170	2.37	5.6
M899862		329	131.0	<0.002	1.40	9.85	9.5	1	5.6	188.5	0.60	0.14	12.5	0.212	1.92	5.0
M899863		2.7	2.0	<0.002	0.03	0.12	0.3	1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M899864		134.5	101.0	<0.002	0.34	10.70	10.7	1	3.4	247	0.74	0.05	11.5	0.232	1.59	3.8
M899865		64.8	105.0	<0.002	0.27	4.51	11.1	1	2.7	353	0.75	0.06	13.1	0.245	1.37	4.9
M899866		46.7	102.5	<0.002	0.64	4.42	10.0	1	4.4	262	0.67	0.19	11.6	0.228	1.67	4.2
M899867		111.5	99.7	<0.002	0.21	7.83	10.1	1	2.9	250	0.69	<0.05	11.3	0.236	1.71	3.6
M899868		130.0	105.0	<0.002	0.23	8.59	9.9	1	3.4	250	0.67	<0.05	12.1	0.221	1.73	3.6
M899869		905	143.5	<0.002	4.31	190.0	9.5	5	10.4	89.3	0.52	0.68	11.3	0.218	2.57	6.7
M899870		69.3	108.5	<0.002	1.36	16.65	10.5	1	4.1	176.5	0.66	<0.05	13.5	0.236	2.13	3.5
M899871		82.7	73.8	<0.002	0.43	30.0	11.2	1	4.0	168.0	0.67	<0.05	12.2	0.242	1.48	5.0
M899872		101.5	146.5	<0.002	2.93	37.3	10.9	1	6.6	117.5	0.62	0.08	13.3	0.239	2.48	4.1
M899873		113.0	148.0	<0.002	1.32	18.20	11.0	1	6.0	119.5	0.64	<0.05	14.2	0.235	2.69	5.0
M899874		284	182.0	<0.002	3.23	105.0	9.1	1	8.0	59.2	0.51	0.17	12.4	0.192	2.86	6.5
M899875		66.9	122.5	<0.002	0.52	24.2	10.9	1	4.6	136.0	0.61	0.06	14.0	0.217	2.09	4.5
M899876		52.5	106.0	<0.002	0.66	20.7	10.4	1	4.7	133.5	0.52	0.12	12.2	0.190	2.36	5.2
M899877		1000	143.5	0.002	4.86	53.1	8.9	1	14.8	68.7	0.50	0.09	12.4	0.184	2.92	10.6
M899878		189.0	125.5	0.005	1.14	20.2	10.2	1	5.3	76.1	0.47	0.13	14.6	0.166	2.34	5.0
M899879		118.0	99.6	0.002	1.00	21.5	10.9	1	4.6	143.5	0.59	0.16	15.5	0.211	1.47	2.6
M899880		9470	130.0	0.002	7.13	220	6.7	3	9.1	119.5	0.44	0.52	9.6	0.181	2.15	5.8
M899881		119.0	83.9	<0.002	0.83	20.2	13.0	1	5.4	82.8	0.87	0.11	17.0	0.290	1.17	5.0
M899882		302	178.5	0.002	1.93	38.8	10.0	1	6.4	77.9	0.64	0.07	14.9	0.217	2.89	7.1
M899883		453	174.0	0.002	3.73	65.1	10.2	1	8.7	87.3	0.58	0.06	12.1	0.219	3.43	10.1
M899884		273	118.5	<0.002	0.77	18.35	9.7	1	5.3	68.8	0.61	0.05	13.7	0.208	2.55	5.1
M899885		1575	140.5	<0.002	1.33	35.2	11.6	1	5.3	43.2	0.60	0.08	16.2	0.218	2.08	3.6
M899886		128.5	116.5	<0.002	0.75	18.75	11.7	1	6.5	86.3	0.60	0.06	17.7	0.218	1.71	2.4
M899887		148.0	102.0	<0.002	0.58	20.1	12.2	1	5.3	141.0	0.72	0.05	17.1	0.266	1.37	3.1
M899888		124.0	69.3	<0.002	1.06	17.75	10.7	1	7.7	110.0	0.63	0.07	12.8	0.240	1.37	2.5
M899889		146.5	103.5	<0.002	0.91	17.90	11.6	1	7.1	113.5	0.63	0.06	16.7	0.245	1.50	2.8
M899890		147.5	101.5	<0.002	0.93	17.65	11.4	1	7.2	112.5	0.61	0.07	17.5	0.239	1.52	2.9
M899891		78.0	127.5	<0.002	0.68	20.0	12.3	1	4.1	76.1	0.63	0.07	17.1	0.235	2.00	3.1
M899892		125.0	135.0	<0.002	1.53	18.35	10.3	1	8.2	116.5	0.52	0.17	12.7	0.188	2.24	5.4
M899893		283	159.0	0.003	5.70	25.6	9.9	2	13.2	104.0	0.48	1.24	14.0	0.180	2.27	6.6
M899894		2.7	2.4	<0.002	0.02	0.13	0.4	1	<0.2	40.7	<0.05	<0.05	0.2	<0.005	0.02	0.5



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Project: Klaza - 80

**CERTIFICATE OF ANALYSIS WH12163812**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M899859		65	4.6	15.0	240	33.0		
M899860		65	1.5	15.4	242	35.9		
M899861		54	5.2	10.4	5200	26.3		
M899862		59	4.8	16.4	908	31.4		
M899863		2	0.1	0.9	17	<0.5		
M899864		65	3.9	16.0	677	34.5		
M899865		67	4.6	17.1	297	38.0		
M899866		64	2.1	16.2	800	34.0		
M899867		66	3.5	15.2	627	34.6		
M899868		62	3.4	15.2	695	32.9		
M899869		59	8.0	14.1	560	28.3		
M899870		62	7.7	14.2	420	33.4		
M899871		67	6.7	15.6	672	32.5		
M899872		67	8.1	12.7	295	31.3		
M899873		65	7.1	13.2	400	32.8		
M899874		57	7.4	13.6	2260	25.9		
M899875		66	4.7	13.5	471	28.2		
M899876		64	4.4	13.8	245	25.0		
M899877		70	5.0	12.1	3250	22.6		
M899878		74	2.9	14.4	984	23.3		
M899879		69	2.7	18.8	519	27.9		
M899880		52	5.2	9.2	>10000	33.8	122	1.580
M899881		85	5.0	22.2	215	36.8		
M899882		70	4.4	16.0	649	35.5		
M899883		75	6.7	16.4	851	26.9		
M899884		72	3.6	14.7	764	29.1		
M899885		75	4.1	17.3	1310	31.5		
M899886		79	3.0	18.3	253	31.8		
M899887		76	4.4	18.5	689	33.0		
M899888		77	3.1	16.1	535	30.5		
M899889		76	3.2	16.5	973	31.1		
M899890		74	2.6	16.8	961	31.4		
M899891		79	3.2	19.0	223	31.2		
M899892		73	2.3	14.7	806	28.8		
M899893		72	5.2	14.2	1410	25.5		
M899894		2	0.1	0.8	22	<0.5		



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Project: Klaza - 80

Page: Appendix 1  
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Finalized Date: 7-AUG-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12163812**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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To: **ROCKHAVEN RESOURCES LTD.**  
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**VANCOUVER BC V6B 1L8**

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Finalized Date: 4-AUG-2012  
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**CERTIFICATE WH12163813**

Project: Klaza - 80

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 4-AUG-2012  
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**CERTIFICATE OF ANALYSIS WH12163813**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899895		8.41	0.071	1.01	7.12	35.9	820	1.33	1.70	5.83	15.60	72.0	14.4	8	8.65	17.7
M899896		5.07	0.024	0.95	7.57	61.5	630	1.53	1.87	2.68	4.19	98.5	23.0	9	7.06	19.5
M899897		5.50	0.263	3.67	6.72	435	430	1.50	7.49	1.40	1.76	76.5	30.6	8	7.80	31.7
M899898		1.64	<0.005	0.07	0.10	<5	20	0.05	0.04	21.1	0.07	1.40	0.7	<1	0.25	2.0
M899899		13.39	0.018	0.73	7.44	26.6	780	1.62	1.58	3.08	3.41	48.4	12.9	9	12.70	18.7
M899900		8.93	0.018	0.78	7.17	31.0	940	1.46	1.61	2.53	4.31	56.2	10.4	8	10.40	15.4
M899651		5.45	0.006	0.45	7.71	19.5	570	1.72	0.83	2.95	2.19	64.2	9.8	10	10.40	6.3
M899652		6.39	0.018	1.17	7.34	43.3	440	1.65	1.94	3.13	10.05	63.5	15.1	9	9.36	26.1
M899653		9.54	0.039	1.14	6.88	56.5	650	1.40	2.39	3.68	9.56	83.5	16.7	7	15.95	16.9
M899654		12.06	0.238	2.72	7.04	283	600	1.70	4.50	2.89	18.75	279	40.4	7	38.5	63.0
M899655		2.27	<0.005	0.07	0.18	<5	30	0.08	0.04	20.4	0.11	2.28	1.0	4	0.52	2.1
M899656		8.21	0.262	2.35	6.18	357	400	1.22	4.65	2.08	8.91	379	54.2	10	14.10	41.1
M899657		6.06	0.084	1.36	5.20	297	570	1.08	2.14	2.55	2.73	328	37.7	7	7.03	58.3
M899658		4.17	0.404	3.89	7.18	306	620	1.43	6.29	2.37	7.94	>500	41.9	7	13.20	338
M899659		7.18	0.126	1.23	7.37	55.3	470	1.29	2.02	2.65	6.49	147.0	34.0	8	8.66	41.9
M899660		5.20	0.193	2.42	6.51	360	620	1.34	4.62	1.73	10.35	143.0	27.1	11	12.50	87.8
M899661		0.20	2.22	24.1	5.90	3320	1560	1.27	19.25	2.13	78.1	44.8	11.4	19	15.30	433
M899662		6.98	0.050	1.80	6.82	49.3	530	1.35	3.42	2.32	15.40	177.0	55.2	9	7.67	52.8
M899663		6.12	0.235	3.64	7.09	723	960	1.28	5.81	2.50	30.6	178.0	38.3	9	16.80	114.5
M899664		9.91	0.129	16.45	4.06	295	700	0.87	82.9	1.13	7.30	172.5	12.9	9	7.78	286
M899665		9.08	0.466	4.10	6.76	402	400	1.25	20.5	0.63	1.53	55.6	11.7	11	14.00	130.0
M899666		6.77	0.021	0.98	7.89	31.6	1650	1.53	2.72	2.63	1.55	63.5	8.4	11	22.1	44.4
M899667		3.61	0.015	0.85	7.69	27.9	1750	1.47	1.61	2.48	1.42	60.1	8.4	10	21.6	41.8
M899668		3.66	0.283	7.00	7.42	224	970	1.48	19.50	1.94	2.13	59.4	11.3	13	16.50	242
M899669		9.36	0.007	0.68	7.69	11.9	1110	1.75	1.54	3.20	2.25	55.5	4.6	10	18.95	18.4
M899670		8.89	0.019	2.56	7.99	26.5	710	1.83	7.95	1.92	5.27	57.5	2.7	9	20.9	159.5
M899671		7.51	0.014	0.38	7.98	11.1	430	1.72	1.13	2.71	0.49	45.8	4.9	11	15.50	6.1
M899672		0.21	2.36	25.1	6.10	3420	1600	1.40	21.0	2.19	81.9	47.3	12.0	19	16.20	450
M899673		11.74	0.033	1.71	7.45	196.0	590	1.46	3.07	2.61	3.50	55.4	22.7	8	10.20	47.0
M899674		7.26	0.163	1.78	6.65	152.5	680	1.57	3.76	0.86	3.01	303	1.7	15	8.00	53.7
M899675		5.27	0.442	13.35	6.71	1185	390	1.26	55.2	0.88	2.16	81.3	14.2	12	7.05	458
M899676		10.52	0.046	1.94	7.50	721	720	1.40	4.92	1.10	2.74	109.5	18.2	10	8.95	53.4
M899677		4.92	0.011	0.52	7.97	71.8	580	1.82	1.23	2.46	1.77	54.3	13.2	10	12.25	10.4
M899678		<0.02	0.017	0.53	7.72	74.8	570	1.69	1.25	2.43	1.77	55.1	15.6	10	12.00	9.5
M899679		9.09	0.052	0.96	7.91	204	610	1.57	2.29	1.75	2.43	53.8	1.9	10	9.14	23.7
M899680		5.03	1.940	3.22	7.49	854	780	1.33	7.59	1.98	6.63	77.5	13.2	10	7.47	57.8



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Project: Klaza - 80

**CERTIFICATE OF ANALYSIS WH12163813**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899895		2.95	15.70	0.15	0.9	0.409	2.25	37.3	25.2	0.77	979	1.79	0.65	5.7	2.4	570
M899896		3.85	16.65	0.18	0.9	0.298	2.88	56.8	29.4	0.82	903	2.59	0.33	5.4	3.1	580
M899897		8.52	17.60	0.16	1.0	0.290	2.89	44.3	17.6	0.68	553	4.07	0.08	6.4	3.5	470
M899898		0.53	0.31	0.09	<0.1	<0.005	0.04	0.7	1.2	13.45	234	0.41	<0.01	0.2	2.1	180
M899899		3.20	17.10	0.14	1.2	0.207	1.66	20.8	18.9	0.66	702	1.40	1.84	7.3	2.9	580
M899900		2.92	15.90	0.14	1.1	0.226	1.52	26.7	18.2	0.76	630	0.96	1.87	6.9	2.7	570
M899651		2.30	17.70	0.16	1.1	0.131	1.15	28.7	19.9	0.87	590	0.76	2.98	8.2	3.0	610
M899652		2.15	17.40	0.16	1.1	0.406	1.24	29.5	20.6	0.67	595	2.20	2.30	8.1	3.1	580
M899653		2.61	16.00	0.15	0.9	0.448	2.04	44.8	19.3	0.66	962	1.87	0.72	5.7	3.0	570
M899654		4.55	18.35	0.23	1.0	1.080	2.21	186.0	34.9	0.60	1040	7.59	0.17	5.5	4.0	550
M899655		0.51	0.40	0.09	<0.1	<0.005	0.08	1.3	1.6	12.85	223	0.16	<0.01	0.1	3.3	190
M899656		5.88	17.40	0.30	0.7	0.731	2.05	269	28.0	0.69	1060	4.89	0.20	4.0	5.4	510
M899657		4.92	13.25	0.29	0.6	0.332	1.84	234	18.9	0.78	1110	7.23	0.07	3.2	3.2	380
M899658		5.16	19.85	0.39	0.9	0.686	2.31	411	43.7	0.89	896	61.3	0.10	5.2	4.1	650
M899659		2.95	15.10	0.14	0.8	0.356	1.69	97.2	30.6	0.93	737	8.16	0.07	5.1	3.0	550
M899660		4.58	16.10	0.18	1.2	0.785	2.44	92.0	14.5	0.73	749	4.21	0.06	5.5	4.3	550
M899661		6.55	14.30	0.17	1.0	1.765	2.62	24.6	22.7	0.89	1880	13.25	0.04	6.2	16.1	420
M899662		3.58	15.35	0.18	0.9	0.648	1.80	118.0	21.7	0.73	594	2.72	0.52	5.1	3.7	520
M899663		3.67	17.05	0.19	0.9	1.055	2.65	117.0	14.6	0.82	738	8.03	0.07	5.5	3.7	560
M899664		3.88	10.25	0.16	0.5	0.468	1.67	124.0	28.7	0.37	552	24.7	0.04	3.2	2.1	350
M899665		7.33	15.90	0.18	0.9	0.298	3.11	31.7	10.4	0.49	596	9.12	0.04	6.3	3.3	500
M899666		3.66	16.80	0.13	1.1	0.197	2.78	35.9	23.4	0.94	877	4.09	0.77	8.4	3.8	590
M899667		3.41	16.05	0.15	1.1	0.187	2.73	33.0	25.1	0.92	833	3.50	0.65	8.5	3.1	590
M899668		5.69	16.90	0.17	1.0	0.399	2.76	30.6	18.1	0.76	1250	9.91	0.29	7.1	3.3	570
M899669		2.57	17.25	0.12	1.1	0.274	1.77	26.0	15.8	0.85	842	2.26	2.15	8.5	2.9	630
M899670		2.61	19.00	0.12	1.1	0.747	1.81	25.6	31.0	0.72	998	1.79	1.16	8.5	2.0	620
M899671		1.72	16.95	0.10	0.9	0.335	1.25	19.9	22.6	0.58	659	1.87	3.23	7.8	2.8	630
M899672		6.75	15.00	0.19	1.0	1.880	2.71	26.4	23.9	0.92	1940	14.30	0.04	6.5	16.8	440
M899673		2.85	15.50	0.13	0.9	0.564	2.79	29.1	36.1	0.71	907	1.78	0.39	6.9	5.6	420
M899674		4.04	16.40	0.25	0.8	0.699	3.12	202	35.9	0.51	798	0.68	0.06	6.5	1.7	960
M899675		6.12	16.80	0.18	0.8	0.584	3.17	47.1	18.3	0.55	997	10.15	0.04	5.5	5.3	510
M899676		5.22	18.40	0.20	0.8	0.597	3.52	67.8	21.1	0.80	1200	10.20	0.06	6.6	4.7	580
M899677		3.47	17.90	0.15	0.9	0.739	3.71	26.5	17.4	1.08	1130	3.70	0.07	6.5	4.4	570
M899678		3.48	18.10	0.17	0.9	0.738	3.61	26.7	17.9	1.04	1120	4.03	0.07	6.7	4.9	580
M899679		3.33	17.50	0.15	0.8	0.687	3.82	26.5	13.4	0.83	1280	2.11	0.05	7.6	1.9	620
M899680		4.81	17.10	0.17	0.8	0.697	3.59	44.5	6.8	0.80	3380	5.99	0.05	6.6	2.0	550



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Project: Klaza - 80

**CERTIFICATE OF ANALYSIS WH12163813**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899895		220	105.0	0.005	1.04	8.14	9.2	1	5.2	282	0.42	0.14	10.8	0.178	2.09	3.0
M899896		102.5	166.5	0.008	2.01	8.25	10.3	1	7.5	110.0	0.40	0.17	12.8	0.167	2.45	4.1
M899897		113.0	202	0.006	7.88	11.75	10.3	1	17.9	74.2	0.44	1.18	11.9	0.170	2.41	4.4
M899898		1.8	2.3	0.003	0.03	0.12	0.3	<1	0.2	45.3	<0.05	<0.05	<0.2	<0.005	0.03	0.4
M899899		85.2	79.2	0.005	0.73	6.45	10.6	1	4.7	269	0.53	0.11	11.6	0.210	1.44	4.0
M899900		78.0	72.4	0.004	0.73	5.81	9.2	<1	4.7	266	0.50	0.13	12.1	0.209	1.37	3.7
M899651		87.6	51.0	0.004	0.52	5.33	10.6	1	4.4	402	0.61	0.15	12.2	0.230	0.93	3.4
M899652		141.5	52.8	0.004	0.87	4.53	9.7	<1	5.9	328	0.58	0.36	11.6	0.236	1.20	4.0
M899653		122.0	89.0	0.005	1.29	5.71	8.2	1	6.4	224	0.44	0.20	10.7	0.179	2.01	2.7
M899654		210	134.5	0.008	3.20	13.25	8.8	1	15.4	148.0	0.39	0.22	12.7	0.162	2.26	4.5
M899655		2.1	3.3	0.004	0.03	0.12	0.4	<1	0.2	38.3	<0.05	<0.05	0.2	0.006	0.04	0.6
M899656		77.3	122.5	0.008	3.60	8.92	8.7	1	9.7	107.5	0.29	0.23	11.0	0.141	2.06	3.3
M899657		59.8	108.5	0.006	2.82	9.27	5.7	<1	7.0	95.4	0.23	0.13	8.2	0.098	1.67	2.4
M899658		113.0	144.0	0.024	3.39	83.8	9.9	1	10.1	108.0	0.34	0.24	13.7	0.154	2.14	5.5
M899659		123.5	80.1	0.004	1.11	15.45	9.9	1	5.6	92.1	0.45	0.11	13.4	0.172	1.45	3.2
M899660		78.0	145.0	0.005	2.82	12.55	9.3	1	7.1	81.4	0.44	0.12	12.4	0.162	2.03	2.9
M899661		2770	157.0	<0.002	4.87	87.7	8.4	1	8.4	92.7	0.51	0.36	11.1	0.178	2.39	5.4
M899662		105.5	99.1	0.003	1.88	5.67	9.7	1	6.4	96.8	0.44	0.13	13.7	0.156	1.52	3.6
M899663		196.5	158.5	0.008	2.38	8.88	9.8	1	9.8	92.6	0.49	0.15	13.4	0.177	2.16	3.8
M899664		518	91.6	0.029	2.53	73.7	5.6	1	5.6	68.3	0.27	0.53	8.0	0.104	1.53	3.2
M899665		96.9	190.5	0.002	6.57	41.5	10.0	2	7.9	42.0	0.53	0.78	12.5	0.204	2.74	4.2
M899666		75.6	143.0	<0.002	0.69	7.57	11.6	1	3.2	218	0.70	0.14	14.8	0.257	1.96	4.6
M899667		69.5	141.0	0.002	0.60	7.21	11.9	1	2.8	205	0.72	0.14	14.6	0.256	1.82	4.6
M899668		190.0	157.0	<0.002	3.00	80.6	11.8	1	5.0	111.0	0.58	0.59	14.0	0.233	2.32	5.7
M899669		37.9	85.2	<0.002	0.16	5.61	12.3	1	2.9	341	0.74	<0.05	16.2	0.252	1.43	4.7
M899670		56.5	107.5	<0.002	0.27	27.1	12.3	1	3.8	204	0.71	0.11	15.8	0.250	1.83	2.7
M899671		21.0	68.6	<0.002	0.22	3.99	10.4	1	2.7	401	0.68	0.05	14.4	0.243	1.19	2.6
M899672		2820	164.5	0.002	5.02	91.3	9.0	2	8.8	97.5	0.53	0.40	12.3	0.184	2.56	5.9
M899673		69.9	163.0	0.002	0.80	5.30	8.8	1	6.2	134.5	0.61	0.15	14.8	0.204	2.43	3.2
M899674		56.4	209	<0.002	1.64	8.12	8.7	1	12.5	50.7	0.53	0.36	15.8	0.222	2.58	4.0
M899675		303	212	<0.002	5.19	127.0	11.0	1	9.9	32.3	0.49	0.61	14.2	0.182	2.88	3.2
M899676		87.6	221	0.010	1.31	7.95	10.9	1	14.0	46.0	0.56	0.21	14.7	0.213	3.39	3.1
M899677		31.6	224	0.002	0.47	3.98	13.0	1	8.6	105.5	0.62	0.06	16.2	0.220	3.38	3.3
M899678		33.2	212	0.002	0.49	3.60	13.1	1	8.6	101.0	0.60	0.06	16.4	0.213	3.46	3.4
M899679		43.7	249	<0.002	0.67	6.49	11.1	1	9.5	75.0	0.65	0.07	16.5	0.231	3.53	3.6
M899680		160.5	249	0.004	3.21	11.40	9.4	1	8.8	56.4	0.58	0.26	14.7	0.197	3.50	3.7





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 Account: ROCKHA

Project: Klaza - 80

**CERTIFICATE OF ANALYSIS WH12163813**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899895		62	1.6	16.6	1200	22.8
M899896		60	2.9	13.9	366	21.9
M899897		72	6.3	13.6	180	27.4
M899898		3	0.2	0.8	17	<0.5
M899899		70	1.6	15.6	277	29.9
M899900		66	1.9	14.5	365	24.9
M899651		79	1.2	15.7	203	27.7
M899652		70	1.7	15.0	790	27.0
M899653		60	1.6	15.5	856	20.7
M899654		65	3.7	17.4	1560	25.2
M899655		4	0.2	0.8	21	<0.5
M899656		85	3.7	13.5	802	20.0
M899657		52	2.7	10.0	263	14.9
M899658		97	3.1	17.8	737	23.0
M899659		60	1.9	13.9	525	23.5
M899660		56	2.9	13.2	791	39.9
M899661		55	5.5	10.3	5200	27.5
M899662		53	1.7	14.4	1140	25.5
M899663		61	2.9	14.7	2110	23.4
M899664		52	4.2	7.4	611	13.1
M899665		64	11.4	10.3	160	27.4
M899666		73	3.1	18.8	158	31.7
M899667		72	3.1	17.8	145	32.6
M899668		75	3.9	16.9	235	29.3
M899669		73	2.2	18.5	220	32.6
M899670		75	1.6	18.3	431	31.3
M899671		62	5.5	14.4	67	26.9
M899672		57	5.8	11.2	5350	29.2
M899673		49	2.3	16.0	321	24.0
M899674		61	4.5	21.6	284	22.0
M899675		53	9.7	9.2	211	21.7
M899676		66	6.6	10.5	275	21.9
M899677		61	2.5	16.9	198	23.7
M899678		58	3.1	16.5	195	23.4
M899679		61	3.8	12.9	244	23.2
M899680		55	5.1	11.1	654	22.0



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**CERTIFICATE OF ANALYSIS WH12163813**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12163814**

Project: Klaza-83

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12163814**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899509		2.74	0.014	0.18	8.04	8.3	2060	1.58	0.88	2.40	0.10	41.8	6.6	119	7.08	14.2
M899510		1.92	0.009	0.17	7.66	6.9	2050	1.64	0.67	2.49	0.17	34.8	6.4	136	5.54	16.6
M899511		2.47	0.025	0.75	7.85	34.8	1780	1.47	1.71	3.03	2.35	42.6	13.0	100	9.72	12.5
M899512		3.13	0.025	0.70	7.60	41.1	2040	1.50	1.74	2.57	1.50	48.3	12.7	100	9.51	12.1
M899513		2.50	0.007	0.30	7.60	22.6	1780	1.57	0.99	2.74	2.05	41.2	8.5	107	9.14	4.3
M899514		2.20	<0.005	0.11	7.82	5.8	2130	1.57	0.31	2.71	0.40	42.0	5.2	109	7.21	7.8
M899515		1.76	0.016	0.20	6.61	19.5	2010	1.52	0.73	2.43	0.49	41.2	6.3	120	12.70	5.0
M899516		3.00	0.010	0.22	7.24	20.9	1640	1.56	0.80	2.65	0.40	44.9	5.9	103	10.15	5.0
M899517		3.60	0.020	0.43	7.20	22.2	2000	1.50	1.18	2.80	0.38	41.1	6.1	105	11.35	27.7
M899518		2.56	0.007	0.14	7.72	7.7	2180	1.44	0.31	2.75	0.14	42.9	7.1	112	7.30	7.8
M899519		1.81	0.027	0.30	6.86	28.6	2100	1.45	1.00	3.10	0.28	40.2	7.6	122	14.45	7.6
M899520		3.09	<0.005	0.01	0.06	<5	20	0.06	0.03	21.5	0.05	1.16	0.7	5	0.17	1.3
M899521		3.57	0.008	0.19	7.20	9.8	2170	1.55	0.54	2.20	0.18	48.5	5.5	96	6.74	7.0
M899522		0.25	2.30	25.5	6.11	3470	1330	1.51	19.55	2.20	80.0	42.2	10.6	20	14.05	438
M899523		4.87	0.017	1.23	7.69	33.9	2170	1.54	0.64	2.54	7.35	49.7	8.3	103	5.31	16.2
M899524		2.88	0.010	0.15	6.93	16.2	2320	1.43	0.53	2.41	0.19	36.0	10.7	88	3.71	7.7
M899525		3.59	0.057	2.12	7.43	170.0	1600	1.42	0.73	2.51	7.31	52.5	9.1	123	7.75	16.0
M899526		0.23	0.770	9.50	6.84	1780	1100	1.49	6.71	1.88	41.4	42.9	15.7	21	15.15	104.0
M899527		3.49	0.006	0.18	7.50	7.7	2360	1.62	0.36	2.63	0.19	54.5	9.0	96	5.05	7.8
M899528		1.25	<0.005	0.24	7.84	6.7	2350	1.69	0.63	2.63	0.24	55.4	8.8	94	4.80	7.4
M899529		2.79	<0.005	0.18	7.58	9.5	2270	1.64	0.40	2.85	0.21	46.7	10.1	93	6.39	7.3
M899530		1.49	0.016	0.24	7.79	13.4	2270	1.59	0.64	1.81	0.21	54.7	7.0	125	7.79	8.0
M899531		3.21	0.009	0.26	7.37	11.7	2190	1.55	0.73	2.52	0.91	47.0	5.5	95	6.19	14.2
M899532		<0.02	0.009	0.24	8.12	14.0	2320	1.58	0.84	2.67	0.88	55.9	5.7	98	6.90	13.7
M899533		3.26	0.248	2.94	7.78	692	1820	1.53	4.20	2.38	1.56	48.6	11.8	83	10.10	79.1
M899534		2.58	5.83	>100	7.02	6090	970	1.42	10.85	2.17	87.9	46.9	9.8	101	14.50	1855
M899535		3.11	0.172	1.35	7.79	251	2220	1.61	0.62	2.95	3.81	47.4	9.8	90	7.80	18.0
M899536		1.63	0.335	1.91	7.68	1610	2020	1.48	1.17	2.51	2.51	49.0	7.1	137	8.59	19.1
M899537		2.12	0.033	1.45	8.03	120.5	2300	1.52	0.79	2.95	0.99	43.8	6.4	116	8.27	19.8
M899538		3.10	0.133	2.85	7.67	143.0	1380	1.32	2.22	2.14	22.1	54.3	6.2	117	12.25	22.4
M899539		2.08	0.008	0.20	7.97	12.1	2340	1.66	0.77	2.70	0.16	50.9	5.8	97	7.54	13.4
M899540		3.71	0.096	1.90	7.82	95.2	1760	1.53	0.63	2.63	13.25	50.1	8.1	128	15.30	20.0
M899541		2.20	0.011	0.19	8.01	11.5	2550	1.54	0.56	2.53	0.24	46.8	8.1	102	8.21	12.7
M899542		2.64	<0.005	0.01	0.06	<5	20	0.06	0.03	21.0	0.07	1.57	1.4	7	0.19	1.6
M899543		2.23	0.405	1.98	7.65	3230	900	1.50	2.27	1.63	9.22	53.1	5.4	116	13.90	37.0
M899544		3.00	0.027	0.40	8.27	20.4	2330	1.62	1.44	2.65	0.57	55.2	10.0	92	7.75	32.5



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**CERTIFICATE OF ANALYSIS WH12163814**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M899509		3.18	15.35	0.16	0.9	0.158	2.54	23.2	14.6	0.92	666	0.91	2.07	8.1	4.6
M899510		2.99	15.60	0.17	0.9	0.089	2.55	19.1	13.1	0.79	603	0.88	1.94	7.9	4.2
M899511		3.29	15.45	0.15	0.9	0.260	3.01	23.0	14.5	0.83	1130	1.00	1.30	7.4	4.4
M899512		3.24	14.85	0.17	0.9	0.340	2.91	27.5	10.5	0.75	979	1.00	0.99	7.1	4.1
M899513		2.57	15.65	0.14	1.0	0.239	2.59	22.5	16.8	0.77	733	1.32	1.63	7.6	4.3
M899514		2.92	15.60	0.13	1.1	0.080	2.51	21.7	12.5	0.80	626	1.76	2.18	7.9	3.8
M899515		2.28	15.00	0.16	0.9	0.223	2.39	22.1	9.7	0.76	816	1.39	1.23	6.7	3.8
M899516		2.73	14.85	0.13	1.0	0.284	2.55	24.2	10.2	0.68	758	2.76	1.48	7.5	4.0
M899517		3.27	15.00	0.13	1.0	0.189	2.70	21.4	19.0	0.68	772	3.39	0.86	7.4	3.7
M899518		3.08	15.20	0.14	1.0	0.068	2.56	22.0	13.3	0.80	648	1.16	2.03	7.3	4.3
M899519		3.14	14.70	0.15	1.0	0.262	2.68	22.2	14.6	0.87	907	1.48	0.91	6.9	4.4
M899520		0.49	0.20	0.18	<0.1	<0.005	0.02	0.6	1.0	13.20	231	0.11	0.01	0.1	1.2
M899521		2.88	15.60	0.19	1.1	0.128	2.64	26.4	14.7	0.83	587	2.08	1.86	7.8	3.8
M899522		6.58	13.35	0.17	0.9	1.640	2.59	23.0	25.3	0.91	1940	12.95	0.04	5.5	15.0
M899523		3.09	15.65	0.19	1.0	0.137	2.63	26.9	13.7	0.85	618	2.18	2.03	7.6	4.7
M899524		3.11	14.75	0.16	0.9	0.072	2.52	17.4	13.6	0.82	615	1.52	2.07	7.3	5.8
M899525		3.69	15.70	0.17	1.0	0.254	3.00	27.9	19.4	0.91	1070	3.30	0.79	7.9	5.2
M899526		5.25	13.95	0.19	1.3	0.880	2.78	23.6	26.7	0.70	2030	11.50	0.26	7.3	14.8
M899527		3.21	18.60	0.20	1.0	0.070	2.55	26.8	12.6	0.85	583	1.41	2.31	8.7	4.6
M899528		3.22	17.95	0.19	1.0	0.063	2.48	27.2	11.4	0.91	610	3.93	2.32	8.6	5.1
M899529		3.23	18.55	0.20	1.0	0.061	2.41	21.5	14.0	0.88	655	1.09	2.26	9.2	4.7
M899530		3.16	18.65	0.20	1.1	0.096	2.84	27.3	19.1	0.90	544	0.80	1.51	9.3	5.5
M899531		3.22	17.85	0.21	0.9	0.114	2.52	22.4	12.4	0.81	620	0.81	2.06	8.6	4.5
M899532		3.42	18.80	0.20	0.8	0.117	2.70	30.1	12.6	0.88	676	0.75	2.15	9.3	4.6
M899533		3.41	17.90	0.20	0.7	0.208	2.81	25.6	16.3	0.66	769	0.84	1.62	8.9	3.9
M899534		6.84	17.40	0.22	0.7	1.315	2.89	24.2	14.1	0.78	1480	1.18	0.37	8.1	4.1
M899535		3.24	19.25	0.18	0.9	0.135	2.86	23.6	11.2	0.86	743	0.98	2.02	9.9	4.2
M899536		3.71	18.40	0.19	0.7	0.105	3.08	26.0	15.0	0.84	643	1.13	1.47	9.0	5.1
M899537		3.59	19.25	0.18	0.8	0.164	2.99	21.6	13.3	0.93	813	1.03	1.88	9.5	4.3
M899538		4.95	17.10	0.21	0.7	0.742	3.33	29.9	12.4	0.95	2230	7.09	0.33	8.4	4.4
M899539		3.37	18.80	0.18	0.9	0.112	2.69	26.2	13.7	0.90	627	1.15	2.04	10.0	4.2
M899540		4.34	18.45	0.19	1.0	0.150	3.12	25.9	19.4	0.94	2160	2.21	0.89	9.5	5.4
M899541		3.37	18.55	0.19	0.9	0.128	2.87	23.9	14.9	0.88	647	1.99	2.05	9.5	4.3
M899542		0.49	0.32	0.12	<0.1	0.005	0.03	0.7	1.3	13.40	224	0.16	0.01	0.8	2.4
M899543		5.68	19.05	0.21	0.8	0.494	2.96	29.3	20.3	1.08	2230	1.34	0.43	8.7	4.0
M899544		4.06	19.05	0.19	0.9	0.167	2.78	27.9	21.1	1.05	819	1.21	1.95	9.9	4.5



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Project: Klaza-83

**CERTIFICATE OF ANALYSIS WH12163814**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899509		15.7	109.0	0.003	0.31	2.47	12.6	1	2.0	330	0.62	0.15	11.2	0.292	1.37	2.5
M899510		20.7	95.2	<0.002	0.13	2.30	11.5	1	1.8	377	0.66	<0.05	10.5	0.272	1.21	2.4
M899511		175.5	169.5	0.002	0.69	4.47	11.7	1	3.0	229	0.60	0.15	11.3	0.264	2.48	2.5
M899512		42.7	171.0	0.002	1.57	3.35	11.3	1	3.0	178.0	0.68	0.25	12.1	0.237	2.37	2.2
M899513		29.1	110.0	<0.002	0.49	3.10	10.7	1	2.1	295	0.72	0.12	11.6	0.249	1.92	2.7
M899514		18.3	91.2	<0.002	0.08	1.51	11.6	1	1.7	412	0.73	<0.05	11.3	0.263	1.20	3.4
M899515		12.0	107.0	<0.002	0.43	3.41	10.2	1	1.8	190.0	0.58	0.08	11.4	0.205	1.87	5.9
M899516		14.0	108.5	<0.002	0.57	3.49	11.3	1	2.3	222	0.66	0.15	11.4	0.242	1.83	3.2
M899517		25.7	98.0	<0.002	0.88	4.30	10.4	<1	3.6	221	0.66	0.14	10.8	0.252	1.58	2.8
M899518		18.9	91.2	0.002	0.15	1.53	11.5	1	1.8	377	0.66	0.05	11.3	0.274	1.15	3.8
M899519		17.2	103.0	<0.002	1.03	3.52	10.2	1	2.3	207	0.62	0.16	10.6	0.239	1.99	6.4
M899520		1.1	1.2	<0.002	0.02	<0.05	0.2	<1	0.2	42.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M899521		19.5	110.0	0.002	0.24	2.11	11.4	1	1.9	316	0.71	0.10	13.8	0.249	1.58	3.9
M899522		2800	160.0	0.004	5.02	92.1	8.8	1	8.0	94.8	0.46	0.39	10.2	0.185	2.39	5.6
M899523		157.5	122.5	0.003	0.41	2.22	11.8	1	2.2	367	0.67	0.12	13.8	0.243	1.45	4.8
M899524		22.4	77.9	0.002	0.30	1.35	10.2	1	1.7	375	0.60	0.10	9.6	0.252	1.32	3.2
M899525		395	154.5	0.002	1.08	5.89	12.3	1	3.4	198.5	0.66	0.07	13.3	0.267	2.09	5.0
M899526		1345	160.0	0.003	3.22	31.6	9.4	1	5.9	152.5	0.62	0.35	11.9	0.210	2.54	5.4
M899527		16.4	102.5	<0.002	0.19	2.04	12.2	2	1.7	421	0.61	0.06	12.7	0.271	1.09	3.1
M899528		17.8	104.5	<0.002	0.14	1.92	12.2	2	1.7	424	0.62	0.17	12.2	0.270	1.08	3.0
M899529		18.5	94.4	<0.002	0.16	1.89	12.5	2	1.7	426	0.64	0.05	10.2	0.282	1.05	2.8
M899530		17.3	126.5	<0.002	0.25	3.32	11.5	2	1.8	258	0.77	0.06	14.0	0.268	1.48	3.2
M899531		56.5	104.0	<0.002	0.24	3.38	11.8	2	1.8	368	0.59	<0.05	11.1	0.258	1.21	2.9
M899532		73.2	110.5	<0.002	0.28	3.23	12.7	1	1.9	392	0.70	0.05	15.1	0.264	1.50	3.7
M899533		87.4	140.0	<0.002	0.97	7.56	12.4	1	3.2	262	0.60	0.15	12.4	0.250	2.00	5.3
M899534		3000	159.5	<0.002	5.86	153.0	12.0	2	15.2	122.5	0.63	0.33	11.2	0.232	2.67	5.4
M899535		174.5	119.5	<0.002	0.41	5.93	13.1	1	2.4	399	0.76	0.06	13.2	0.272	1.79	3.6
M899536		227	156.5	<0.002	1.30	12.75	12.2	1	5.6	325	0.60	<0.05	12.4	0.261	1.92	3.0
M899537		208	128.0	<0.002	0.46	4.15	12.2	1	2.3	382	0.69	0.05	12.2	0.272	1.97	3.4
M899538		460	207	<0.002	1.89	6.49	11.9	1	5.8	100.0	0.61	0.31	13.8	0.235	3.11	4.6
M899539		27.5	115.0	<0.002	0.23	2.65	12.8	1	2.1	391	0.82	<0.05	13.2	0.273	1.57	4.5
M899540		514	141.0	<0.002	1.22	6.11	12.6	1	3.0	209	0.77	0.06	13.3	0.265	2.72	5.1
M899541		24.6	116.0	<0.002	0.25	2.81	12.7	1	1.8	374	0.66	<0.05	12.3	0.267	1.69	3.7
M899542		1.6	1.4	<0.002	0.03	<0.05	0.3	1	<0.2	48.0	0.05	<0.05	<0.2	<0.005	<0.02	0.6
M899543		154.0	198.0	<0.002	2.21	15.10	11.4	1	5.5	110.5	0.67	<0.05	13.8	0.243	2.82	5.4
M899544		51.1	122.0	<0.002	0.52	3.01	13.6	1	2.5	369	0.77	0.07	13.3	0.280	1.83	4.8



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 Plus Appendix Pages  
 Finalized Date: 3-AUG-2012  
 Account: ROCKHA

Project: Klaza-83

**CERTIFICATE OF ANALYSIS WH12163814**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M899509		79	2.0	13.4	54	18.7	
M899510		74	1.7	13.3	56	18.2	
M899511		78	2.5	13.9	302	16.9	
M899512		69	2.9	12.7	185	17.5	
M899513		69	2.3	14.2	249	21.0	
M899514		71	1.3	15.5	69	20.3	
M899515		61	2.2	12.3	67	18.7	
M899516		69	2.8	13.0	92	20.4	
M899517		70	3.2	12.4	81	19.7	
M899518		75	1.5	14.3	57	20.4	
M899519		69	2.5	13.2	70	19.2	
M899520		2	0.1	0.7	15	<0.5	
M899521		68	1.7	14.2	57	21.3	
M899522		55	5.0	8.9	5410	23.5	
M899523		66	1.8	16.0	299	22.0	
M899524		70	1.4	12.5	51	19.2	
M899525		75	3.4	15.5	438	19.7	
M899526		56	5.1	10.2	2990	37.6	
M899527		75	1.4	17.5	49	22.7	
M899528		75	1.2	18.1	52	22.2	
M899529		78	1.9	18.4	50	23.2	
M899530		72	2.6	16.7	86	25.1	
M899531		71	1.6	16.7	91	20.7	
M899532		75	1.6	17.0	97	22.3	
M899533		76	3.0	15.5	225	20.6	
M899534		72	4.1	15.0	6260	17.7	132
M899535		79	1.6	16.8	235	21.6	
M899536		76	2.0	15.2	190	20.3	
M899537		78	1.7	16.0	105	21.9	
M899538		71	7.5	13.1	1950	18.5	
M899539		77	1.4	17.3	54	23.8	
M899540		75	5.9	15.3	1200	23.4	
M899541		76	1.8	16.3	73	23.1	
M899542		2	0.1	1.0	16	0.8	
M899543		69	5.5	13.8	811	20.3	
M899544		82	2.7	18.5	100	23.3	



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**CERTIFICATE OF ANALYSIS WH12163814**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12163815**

Project: Klaza - 83

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12163815**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899545		2.01	0.027	0.37	7.70	26.5	2140	1.72	1.58	2.39	0.33	55.5	13.4	24	7.74	29.7
M899546		2.63	0.086	0.99	7.54	149.5	1440	1.65	1.82	2.19	0.92	53.1	8.1	23	16.55	61.2
M899547		4.59	0.015	0.28	7.43	14.2	2000	1.70	1.28	2.59	0.37	45.8	9.6	24	10.35	24.3
M899548		2.01	0.059	1.29	7.79	36.7	1840	2.00	3.18	3.24	0.22	47.0	11.7	15	20.7	38.4
M899549		2.93	0.028	0.41	7.32	39.2	1580	1.69	0.89	2.61	0.59	45.3	5.9	21	20.7	10.7
M899550		3.72	<0.005	0.01	0.08	<5	30	0.07	0.03	21.5	0.06	1.32	1.4	2	0.24	3.7
M899551		3.32	0.032	0.59	7.33	37.2	2290	1.52	1.30	2.58	0.61	53.2	8.0	23	14.95	24.6
M899552		1.89	0.226	3.14	7.62	256	980	1.66	2.93	2.09	7.19	50.8	11.0	16	21.9	61.3
M899553		2.22	0.013	0.23	7.51	6.5	3200	1.64	0.89	2.71	0.16	47.5	5.8	29	6.46	10.4
M899554		1.00	0.012	0.22	7.54	6.6	2990	1.54	0.77	2.77	0.15	46.1	7.6	16	5.95	8.7
M899555		2.24	0.054	1.55	7.27	196.0	1730	1.60	1.01	2.65	30.9	49.9	6.4	20	14.65	33.3
M899556		0.21	1.365	33.9	7.91	555	1250	1.97	1.27	0.30	32.2	79.2	6.1	18	3.75	135.5
M899557		4.95	0.006	0.31	7.53	8.2	2310	1.45	0.75	2.77	0.16	55.2	7.1	25	7.92	9.1
M899558		2.28	0.060	1.09	7.34	42.8	950	1.43	3.31	2.56	0.33	60.5	22.1	29	9.78	42.9
M899559		2.88	0.185	2.34	7.89	80.0	1690	1.67	5.82	2.72	1.18	49.1	14.4	16	19.45	241
M899560		1.91	0.907	18.85	6.91	195.0	1720	1.39	10.45	3.71	85.5	46.1	6.6	12	16.95	207
M899561		4.28	0.091	0.76	7.11	54.0	1750	1.89	2.33	3.27	0.51	46.6	9.3	16	18.15	37.9
M899562		1.78	0.684	10.95	7.36	194.5	430	1.64	31.0	1.72	14.95	44.3	8.2	18	11.75	268
M899563		3.92	0.073	0.44	7.03	15.0	2150	1.57	10.30	2.48	0.16	48.2	7.2	22	7.56	41.5
M899564		2.32	0.074	0.97	7.42	77.6	1880	1.63	0.74	3.56	1.63	41.6	15.1	11	21.0	35.9
M899565		2.60	0.014	0.24	7.25	8.7	2140	1.43	0.59	2.69	0.12	46.3	8.1	21	7.07	5.4
M899566		3.16	0.010	0.28	7.40	10.0	2230	1.57	1.02	2.49	0.18	46.6	6.4	20	8.40	14.0
M899567		<0.02	0.011	0.28	7.27	10.2	2280	1.65	0.97	2.44	0.14	46.1	6.5	20	8.76	15.5
M899568		1.96	0.034	0.37	6.94	27.2	2700	1.57	2.08	2.44	0.18	49.3	30.0	28	9.69	11.6
M899569		2.16	0.167	0.78	7.23	44.1	1920	1.62	4.08	2.81	0.24	42.6	10.1	21	13.40	66.5
M899570		1.57	0.156	3.15	6.80	61.8	1870	1.36	12.80	2.68	1.60	41.9	11.9	18	14.55	39.9
M899571		3.15	<0.005	0.05	0.07	<5	20	0.06	0.04	19.85	0.05	0.98	0.6	1	0.22	2.8
M899572		3.90	<0.005	0.12	7.15	6.2	2110	1.47	0.30	2.65	0.51	51.8	6.7	23	9.75	6.2
M899573		1.47	0.155	1.74	6.99	135.5	1860	1.72	1.02	2.80	2.56	46.2	12.7	15	13.35	44.7
M899574		2.31	0.034	0.59	7.82	20.5	2290	1.48	3.03	2.45	0.16	59.8	7.3	20	6.30	70.1
M899575		0.22	1.390	33.9	7.72	543	1250	1.89	1.25	0.30	31.8	79.4	6.1	18	3.32	138.0
M899576		3.49	0.426	0.54	7.26	16.8	2480	1.60	1.34	2.51	0.18	50.5	11.1	21	4.82	49.1
M899577		1.48	0.018	0.40	7.60	14.7	2300	1.68	1.16	2.51	0.17	59.5	7.2	17	7.49	28.5
M899578		3.00	0.168	2.15	7.06	71.4	1420	1.50	4.20	2.31	1.26	47.3	15.5	25	9.91	227
M899579		1.61	0.009	0.34	7.34	10.4	2140	1.50	2.63	2.44	0.12	52.6	7.1	19	5.53	31.5
M899580		2.26	0.728	59.1	6.72	875	870	1.53	4.95	2.43	19.65	61.6	6.1	14	14.25	4610



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Plus Appendix Pages  
Finalized Date: 3-AUG-2012  
Account: ROCKHA

Project: Klaza - 83

**CERTIFICATE OF ANALYSIS WH12163815**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899545		3.91	17.35	0.18	1.0	0.249	2.80	28.4	16.6	0.90	723	2.19	1.95	8.4	2.9	640
M899546		4.92	17.05	0.18	0.9	0.343	3.27	27.3	18.4	0.86	1820	1.76	0.82	8.2	3.0	630
M899547		3.29	16.65	0.16	0.9	0.149	2.76	22.1	18.0	0.77	657	1.78	1.72	8.0	3.1	620
M899548		3.94	17.55	0.20	0.9	0.154	3.21	24.2	26.6	1.10	1060	1.73	0.22	7.8	3.3	620
M899549		3.89	17.00	0.18	0.8	0.287	3.03	22.8	19.1	0.98	1500	2.53	0.38	8.3	3.2	620
M899550		0.51	0.28	0.07	<0.1	0.006	0.04	0.6	1.0	13.25	228	0.15	<0.01	0.2	2.0	190
M899551		3.61	17.40	0.18	1.0	0.228	3.28	27.2	18.5	0.89	1260	2.95	1.07	8.7	3.0	670
M899552		4.75	17.90	0.19	1.0	0.305	3.53	25.2	11.9	0.84	3600	3.06	0.21	8.5	3.3	620
M899553		3.51	17.10	0.18	0.9	0.098	2.89	22.5	14.1	0.81	676	3.24	2.06	8.3	2.9	640
M899554		3.47	16.65	0.19	1.0	0.098	2.87	22.3	13.7	0.84	634	1.74	2.10	8.5	3.2	660
M899555		4.06	16.95	0.20	0.9	1.330	3.06	23.8	23.9	0.79	4350	2.10	1.05	8.5	3.1	640
M899556		5.82	22.5	0.32	2.3	0.250	3.59	39.1	27.0	0.29	1070	6.02	0.07	13.2	7.1	1800
M899557		3.27	16.05	0.19	1.0	0.111	2.75	27.3	13.6	0.82	645	2.19	2.13	8.2	3.1	640
M899558		4.31	16.00	0.21	0.8	0.552	2.84	33.4	18.1	0.77	777	2.57	1.13	7.5	3.6	650
M899559		4.03	17.30	0.21	0.8	0.491	3.10	24.6	61.1	0.95	1420	1.60	0.07	8.3	2.9	620
M899560		4.33	14.65	0.19	0.7	5.89	2.88	23.8	12.7	1.26	4830	3.56	0.05	7.3	2.8	560
M899561		3.28	16.80	0.19	0.9	0.350	3.14	23.0	39.8	1.05	1490	1.52	0.38	7.7	3.1	550
M899562		5.92	16.35	0.24	0.9	1.480	3.56	23.0	7.5	0.74	1480	1.57	0.06	7.2	3.1	570
M899563		3.19	17.20	0.13	0.9	0.196	2.61	23.1	14.8	0.72	561	1.80	1.71	7.9	3.4	550
M899564		2.96	16.90	0.13	1.0	0.156	2.74	21.2	25.8	0.85	1600	1.65	0.30	8.1	3.6	550
M899565		3.13	16.55	0.13	1.0	0.136	2.50	21.9	12.9	0.76	607	1.61	2.11	7.9	3.0	590
M899566		2.96	16.00	0.15	0.9	0.162	2.48	22.6	16.4	0.73	572	1.64	2.05	7.8	3.3	600
M899567		2.94	16.70	0.15	1.0	0.160	2.51	22.3	16.2	0.73	565	1.74	2.05	8.4	3.3	580
M899568		3.11	16.55	0.14	0.9	0.311	2.44	23.3	18.4	0.67	633	2.22	1.95	8.6	4.5	620
M899569		3.42	17.00	0.14	0.9	0.187	2.76	20.5	31.5	0.78	845	1.53	1.10	7.8	3.8	570
M899570		3.92	15.95	0.13	0.9	0.222	2.46	19.5	33.8	0.85	1840	1.80	1.26	7.4	3.7	550
M899571		0.46	0.21	0.09	<0.1	<0.005	0.03	0.5	1.1	12.50	210	0.12	<0.01	0.1	1.9	180
M899572		3.03	16.50	0.13	0.9	0.060	2.34	24.5	13.8	0.73	643	1.52	2.03	8.2	3.2	610
M899573		3.63	16.30	0.12	0.9	0.143	2.79	22.1	16.0	0.85	3700	1.38	1.17	7.7	3.6	570
M899574		3.76	16.90	0.17	1.0	0.219	2.77	29.5	16.5	0.89	823	1.60	1.56	7.8	3.0	650
M899575		5.72	23.9	0.21	3.2	0.226	3.49	36.5	24.6	0.28	1060	6.04	0.11	12.6	7.5	1750
M899576		3.44	17.25	0.16	1.0	0.131	2.57	23.9	13.0	0.81	637	1.72	2.13	8.5	3.6	600
M899577		3.40	17.35	0.15	1.0	0.148	2.64	29.2	12.0	0.79	648	1.34	1.91	9.1	3.2	620
M899578		3.45	15.30	0.14	1.0	0.606	3.20	24.5	8.9	0.62	1020	2.28	0.31	6.9	3.2	470
M899579		3.17	16.50	0.12	0.8	0.121	2.53	25.1	9.7	0.74	541	1.43	1.93	7.7	3.1	590
M899580		6.64	15.80	0.17	0.7	2.11	2.77	35.5	11.1	1.01	7200	1.68	0.22	6.4	3.2	480



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**CERTIFICATE OF ANALYSIS WH12163815**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899545		30.1	132.5	<0.002	0.94	2.84	11.0	1	2.9	332	0.67	0.18	13.9	0.261	1.65	4.5
M899546		73.3	197.0	<0.002	1.86	7.15	11.0	1	3.6	195.0	0.62	0.22	14.7	0.265	2.75	5.0
M899547		18.0	115.0	<0.002	0.53	2.95	10.5	1	2.0	324	0.60	0.15	11.9	0.253	1.63	4.3
M899548		25.2	173.0	<0.002	1.67	8.09	11.0	2	2.7	155.5	0.64	0.66	11.4	0.255	2.58	5.4
M899549		29.2	149.5	<0.002	0.74	5.33	10.8	1	3.1	135.0	0.58	0.12	10.5	0.267	2.52	5.1
M899550		1.3	1.7	<0.002	0.02	<0.05	0.4	1	<0.2	44.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M899551		39.5	165.5	<0.002	0.81	4.87	11.3	1	2.6	246	0.73	0.14	13.5	0.279	2.68	4.7
M899552		289	169.5	<0.002	2.58	10.90	10.6	1	4.7	95.2	0.71	0.17	14.0	0.269	3.85	4.4
M899553		20.0	107.0	<0.002	0.46	2.51	10.6	1	2.1	409	0.66	0.07	12.7	0.268	1.47	4.0
M899554		20.6	100.0	<0.002	0.36	2.23	10.5	2	1.9	411	0.67	0.06	11.6	0.273	1.41	4.1
M899555		116.5	130.5	<0.002	1.37	6.62	10.7	2	3.2	258	0.69	0.06	12.5	0.268	2.29	4.3
M899556		4070	175.0	0.004	0.63	69.0	15.0	5	22.2	397	0.84	0.33	7.8	0.469	2.00	4.0
M899557		18.3	95.1	<0.002	0.16	1.77	11.0	1	1.8	388	0.69	<0.05	14.8	0.265	1.24	4.2
M899558		22.5	136.5	<0.002	1.75	3.62	10.9	1	3.6	245	0.59	0.25	15.0	0.240	1.84	5.9
M899559		58.7	134.5	<0.002	1.37	6.57	11.2	1	3.4	128.0	0.62	0.23	12.9	0.268	2.26	3.6
M899560		668	157.0	<0.002	2.63	27.5	10.2	2	4.3	122.0	0.53	0.17	11.0	0.239	2.37	5.1
M899561		24.9	124.5	<0.002	0.76	6.40	9.3	1	2.4	168.5	0.60	0.21	11.8	0.238	2.57	5.6
M899562		190.0	187.0	<0.002	5.24	13.30	9.7	2	6.3	61.2	0.66	1.06	12.2	0.230	3.03	4.3
M899563		19.6	109.0	<0.002	0.56	6.72	11.0	1	2.4	328	0.64	0.25	11.8	0.234	1.51	4.3
M899564		44.9	110.5	<0.002	1.08	9.14	10.1	1	2.5	171.0	0.73	0.13	10.4	0.242	2.28	5.7
M899565		18.2	89.5	<0.002	0.24	1.58	10.7	1	1.6	371	0.64	0.07	11.6	0.237	1.17	4.2
M899566		17.7	99.4	<0.002	0.25	2.08	10.4	1	1.7	373	0.69	0.21	12.8	0.238	1.19	4.7
M899567		17.2	105.5	<0.002	0.23	2.18	10.8	1	1.8	368	0.75	0.17	10.9	0.241	1.22	4.2
M899568		16.6	110.0	<0.002	0.85	2.27	10.7	1	2.4	303	0.72	0.33	11.9	0.242	1.63	4.6
M899569		24.2	113.5	0.002	0.94	4.58	10.4	1	2.3	249	0.64	0.42	12.0	0.233	1.94	4.6
M899570		210	102.0	<0.002	1.39	5.27	10.3	1	2.0	272	0.63	0.60	9.6	0.227	1.47	3.8
M899571		1.4	1.4	<0.002	0.01	0.09	0.2	1	<0.2	38.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M899572		18.4	91.6	<0.002	0.07	1.62	10.8	2	1.6	369	0.68	<0.05	13.5	0.248	1.17	4.6
M899573		158.5	113.5	<0.002	1.06	7.73	10.4	1	2.1	246	0.72	0.16	11.4	0.239	1.98	5.2
M899574		18.7	133.0	<0.002	0.81	2.44	11.1	1	2.1	277	0.74	0.37	14.4	0.238	1.71	5.7
M899575		3880	180.5	0.004	0.61	69.4	15.7	5	21.5	377	0.77	0.33	7.2	0.446	2.02	3.9
M899576		20.9	93.4	<0.002	0.46	1.86	11.4	1	2.1	369	0.70	0.21	12.5	0.255	1.19	4.9
M899577		19.8	113.5	0.002	0.36	2.45	11.9	1	2.0	338	0.90	0.17	15.8	0.253	1.29	5.7
M899578		76.2	190.0	0.002	1.36	8.50	9.5	1	3.2	108.5	0.76	0.26	15.0	0.176	2.32	9.2
M899579		18.6	102.5	0.002	0.26	1.86	10.5	1	1.9	346	0.58	<0.05	13.5	0.234	1.28	3.6
M899580		323	194.5	<0.002	3.13	146.5	9.7	1	4.9	91.4	0.47	0.06	11.7	0.204	2.73	5.0



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**CERTIFICATE OF ANALYSIS WH12163815**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899545		74	2.1	17.2	64	23.0
M899546		74	4.9	14.3	136	23.9
M899547		72	1.6	15.0	92	21.7
M899548		76	3.3	15.2	68	20.7
M899549		75	3.8	13.0	106	19.7
M899550		2	0.1	0.9	13	<0.5
M899551		77	3.5	14.7	103	22.0
M899552		74	7.5	12.9	675	22.0
M899553		76	1.5	16.4	52	22.2
M899554		76	1.3	16.3	51	21.9
M899555		76	3.5	15.3	2400	20.2
M899556		148	3.9	20.5	2490	75.5
M899557		74	1.6	17.0	52	23.5
M899558		72	2.7	15.1	82	19.0
M899559		73	2.8	14.3	152	19.7
M899560		69	2.9	13.8	6210	16.6
M899561		71	2.7	13.7	117	21.6
M899562		68	4.5	10.9	1210	20.4
M899563		71	1.4	16.1	48	20.2
M899564		72	3.7	15.7	169	20.0
M899565		69	1.2	16.1	50	20.8
M899566		67	1.2	15.8	52	18.8
M899567		68	1.2	16.4	52	20.0
M899568		69	2.0	15.4	45	20.0
M899569		67	2.0	14.5	59	19.1
M899570		69	2.1	14.3	165	18.1
M899571		2	0.1	0.7	12	<0.5
M899572		72	0.8	16.7	74	19.3
M899573		69	2.7	14.8	294	16.6
M899574		73	1.8	17.5	52	18.4
M899575		148	3.9	21.4	2490	71.8
M899576		76	4.0	18.0	48	20.3
M899577		73	1.8	19.0	46	20.4
M899578		62	3.6	13.6	134	19.6
M899579		69	2.6	15.7	40	19.0
M899580		60	5.2	13.7	1180	14.1



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**CERTIFICATE OF ANALYSIS WH12163815**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12164240**

Project: Klaza TR-12-36

P.O. No.: Batch 1

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

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 4-AUG-2012  
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Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12164240**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899901		5.43	0.005	0.24	8.63	16.4	1270	1.54	2.58	0.81	0.16	47.3	10.7	15	19.65	75.0
M899902		4.61	0.005	0.18	8.32	16.8	1460	1.63	1.06	0.67	0.16	48.9	12.0	14	16.75	48.0
M899903		5.34	<0.005	0.13	8.50	12.1	1170	1.49	0.38	0.45	0.10	47.4	11.3	14	13.20	28.1
M899904		3.29	0.011	0.71	8.08	78.1	1890	1.62	0.49	0.30	0.43	55.9	11.1	14	20.2	116.0
M899905		3.26	0.010	0.64	8.15	216	1040	1.46	0.42	0.42	0.70	49.3	12.0	13	18.95	49.0
M899906		4.76	0.006	0.21	8.39	101.0	1250	1.59	0.16	0.46	0.21	47.8	10.8	14	17.75	11.9
M899907		3.36	<0.005	0.16	9.16	27.0	1210	1.50	0.17	0.46	0.12	46.7	10.0	18	15.40	13.0
M899908		4.50	0.006	0.19	8.74	40.7	1340	1.53	1.14	0.54	0.16	47.6	11.1	16	22.6	24.4
M899909		3.48	0.008	0.33	8.13	49.2	1370	1.63	1.18	0.36	0.29	46.7	12.6	17	27.1	21.9
M899910		3.91	0.012	0.60	8.21	107.5	1250	1.64	0.93	0.66	0.24	48.5	13.4	14	18.20	46.5
M899911		5.30	0.005	0.39	8.47	33.8	1200	1.52	2.42	0.68	0.24	55.8	12.3	17	15.65	62.8
M899912		0.28	2.32	25.3	6.23	3150	1590	1.37	21.1	2.31	82.4	43.8	12.2	20	15.15	452
M899913		3.25	<0.005	0.15	9.28	14.2	1300	1.48	0.17	0.36	0.15	52.8	10.1	17	16.30	14.3
M899914		3.43	0.007	0.62	8.20	150.5	1040	1.91	0.76	0.35	0.20	50.4	13.3	15	21.8	14.7
M899915		3.71	<0.005	0.19	9.16	18.7	1320	1.64	0.32	0.41	0.10	52.5	11.1	16	16.00	21.9
M899916		3.73	0.005	0.17	8.68	15.9	1260	1.59	0.78	0.59	0.16	49.0	12.2	15	17.05	12.6
M899917		4.72	0.006	0.25	8.25	20.6	1250	1.40	0.72	0.80	0.29	52.5	11.6	21	12.15	25.6
M899918		3.44	0.027	0.95	8.39	135.0	1190	1.78	0.51	0.60	0.33	60.8	12.6	25	27.8	79.2
M899919		3.07	0.516	8.49	8.37	2210	1510	2.23	1.07	0.78	2.78	72.7	27.6	167	32.6	181.5
M899920		3.32	0.074	2.26	8.54	340	1240	1.72	0.78	0.58	0.59	52.0	14.4	20	26.3	81.2
M899921		3.11	0.033	0.95	9.11	240	2090	1.78	0.81	1.03	0.44	50.0	13.5	20	27.4	75.9
M899922		3.57	0.006	0.38	8.51	54.9	1020	1.66	0.87	1.16	0.21	52.3	11.2	14	19.45	139.5
M899923		3.64	0.005	0.63	7.92	43.9	980	1.57	1.25	1.86	0.15	39.1	9.6	15	18.80	121.0
M899924		3.49	0.032	0.87	8.43	159.0	1100	1.49	18.35	0.73	0.19	53.5	11.2	15	16.25	210
M899925		3.16	0.108	1.66	8.25	554	1350	1.38	0.68	0.47	0.27	49.9	10.6	16	24.2	101.0
M899926		3.89	0.009	0.24	8.85	104.5	1490	1.41	0.34	0.63	0.36	47.4	11.2	16	14.65	74.0
M899927		4.31	0.042	0.52	8.80	438	2490	1.49	0.30	0.38	0.39	52.3	12.9	15	20.1	121.5
M899928		2.93	0.006	0.21	8.71	33.1	1350	1.14	0.23	0.37	0.17	42.1	11.3	23	10.65	103.0
M899929		2.52	0.006	0.29	8.51	144.0	2030	1.45	0.24	0.41	0.19	50.3	12.7	25	15.50	85.6
M899930		3.33	<0.005	0.17	7.95	93.5	1330	1.43	0.14	0.50	0.21	45.1	11.7	20	20.1	28.2
M899931		3.36	0.073	1.38	7.84	623	1320	1.67	0.34	0.36	2.38	50.4	10.5	24	25.8	122.0
M899932		7.08	0.062	1.48	7.86	715	1280	1.29	0.41	0.27	3.11	47.7	10.4	21	17.40	24.3
M899933		3.16	<0.005	0.01	0.13	9	40	0.06	0.07	21.9	0.06	1.20	1.2	8	0.67	2.2
M899934		4.67	<0.005	0.13	8.18	20.3	790	1.50	0.26	1.50	0.13	45.9	9.9	21	31.1	21.7
M899935		4.62	0.009	0.44	8.29	89.5	1060	1.61	0.57	0.60	1.04	46.5	10.7	15	27.3	15.2
M899936		3.41	0.005	0.32	8.52	33.0	810	1.81	1.36	0.38	0.30	36.2	11.2	18	21.8	94.9





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Finalized Date: 4-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12164240**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899901		3.56	18.80	0.10	0.7	0.037	2.54	25.2	42.9	0.24	892	2.04	1.38	8.4	5.5	600
M899902		3.65	18.60	0.12	0.7	0.038	2.45	27.7	21.2	0.25	845	2.69	1.04	8.5	6.1	590
M899903		3.62	18.05	0.11	0.7	0.033	2.07	21.6	19.6	0.39	847	1.48	1.12	8.9	5.8	620
M899904		3.48	19.30	0.13	0.8	0.056	2.93	33.6	14.5	0.24	2110	3.02	0.28	9.6	6.1	580
M899905		3.47	17.85	0.12	0.8	0.040	2.55	29.8	18.3	0.25	1650	2.51	0.49	9.3	6.5	580
M899906		3.30	18.70	0.11	0.9	0.036	2.43	25.7	16.9	0.25	852	1.38	1.42	10.4	6.1	590
M899907		3.63	19.75	0.10	0.9	0.043	2.17	21.1	20.8	0.26	717	1.28	1.29	11.0	6.3	700
M899908		3.54	19.10	0.11	0.8	0.041	2.69	26.0	15.6	0.37	1160	1.60	1.16	9.2	6.3	650
M899909		3.80	19.20	0.13	0.7	0.043	3.08	28.0	19.0	0.30	1500	2.45	0.21	9.2	7.6	600
M899910		4.27	18.25	0.13	0.7	0.055	2.43	31.5	58.4	0.34	2150	2.80	0.84	8.2	6.7	600
M899911		3.82	18.90	0.12	0.8	0.044	2.28	29.3	37.6	0.44	1210	1.76	1.31	9.4	7.4	650
M899912		7.01	15.85	0.12	1.0	1.775	2.70	24.5	25.8	0.95	1920	13.90	0.04	6.7	16.3	460
M899913		3.34	20.8	0.11	0.8	0.042	2.22	27.3	30.0	0.27	738	1.34	0.94	10.3	5.4	680
M899914		3.72	18.65	0.12	0.7	0.041	2.53	31.8	156.0	0.25	1640	2.45	0.19	9.1	6.7	600
M899915		3.71	20.3	0.11	0.8	0.038	2.50	27.8	68.0	0.38	830	1.33	0.89	10.2	5.9	680
M899916		3.70	18.95	0.12	0.7	0.039	2.43	26.2	32.9	0.30	1210	1.56	1.14	9.6	6.1	620
M899917		3.65	18.05	0.11	0.8	0.040	2.29	26.4	29.0	0.67	1080	1.57	1.70	9.0	7.6	660
M899918		3.97	19.80	0.15	0.8	0.053	2.64	36.2	24.5	0.50	1380	1.65	1.11	8.5	8.0	630
M899919		7.02	19.80	0.22	1.0	0.204	2.77	62.7	34.0	0.49	4450	5.12	0.36	6.3	25.6	1150
M899920		4.31	19.80	0.13	0.7	0.062	3.07	32.1	20.7	0.43	1900	2.99	0.54	8.2	8.2	600
M899921		4.10	22.5	0.13	0.7	0.057	3.50	29.8	18.9	0.39	1620	2.28	0.32	7.8	7.8	570
M899922		3.41	18.25	0.12	1.0	0.048	3.06	30.7	20.0	0.32	1080	4.98	0.31	9.1	5.8	570
M899923		3.15	17.20	0.11	0.8	0.060	3.18	20.9	20.3	0.30	1310	4.98	0.17	8.5	5.0	570
M899924		3.66	18.00	0.13	0.9	0.076	2.64	28.9	22.8	0.57	1280	2.14	0.94	8.9	5.6	570
M899925		3.52	18.05	0.12	0.8	0.078	2.87	31.6	23.5	0.57	1660	2.25	0.71	8.3	5.6	550
M899926		3.67	18.20	0.11	0.8	0.040	2.36	23.1	29.2	0.60	1240	1.66	1.79	9.3	6.1	630
M899927		3.88	18.90	0.14	0.7	0.097	2.92	34.9	22.6	0.33	2300	3.73	1.02	8.8	6.7	620
M899928		3.66	17.80	0.10	0.8	0.046	2.33	18.2	36.7	0.65	753	1.08	1.13	9.9	6.0	650
M899929		3.74	17.60	0.12	0.8	0.045	2.96	28.8	23.3	0.39	2180	5.87	0.57	9.1	6.5	610
M899930		3.29	17.35	0.11	0.7	0.034	3.27	24.8	15.3	0.27	1400	2.36	0.13	8.6	5.0	580
M899931		3.34	17.70	0.11	0.7	0.058	3.22	28.9	17.2	0.27	3210	4.23	0.05	8.1	5.1	530
M899932		3.85	17.70	0.11	0.8	0.141	3.33	26.9	11.7	0.30	4540	16.15	0.04	8.4	5.0	510
M899933		0.50	0.41	0.10	<0.1	0.007	0.06	0.6	1.5	13.20	229	0.24	0.01	0.3	1.8	190
M899934		3.45	17.50	0.12	0.8	0.055	3.27	25.7	19.7	0.35	1720	2.25	0.05	8.2	4.8	530
M899935		3.74	17.40	0.13	0.7	0.070	3.16	24.1	25.1	0.31	2550	2.63	0.10	7.3	5.6	590
M899936		3.95	18.75	0.11	0.8	0.085	2.32	15.1	27.4	0.24	1210	17.90	0.36	8.7	6.1	670



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Finalized Date: 4-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12164240**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899901		22.0	122.5	<0.002	0.02	14.55	13.1	1	1.9	191.0	0.66	<0.05	11.8	0.312	1.26	2.3
M899902		12.4	122.0	<0.002	0.03	9.51	13.5	1	2.0	142.5	0.65	<0.05	11.8	0.310	1.20	2.3
M899903		15.3	94.8	<0.002	0.01	8.99	14.0	1	1.6	171.0	0.73	<0.05	12.2	0.324	1.00	2.2
M899904		39.2	176.5	<0.002	0.06	33.8	14.9	1	1.7	120.0	0.83	<0.05	12.7	0.303	2.09	2.9
M899905		37.0	142.5	<0.002	0.01	25.2	13.1	1	1.5	107.0	0.76	<0.05	13.2	0.316	1.86	2.8
M899906		16.7	125.5	<0.002	0.01	10.15	13.4	1	1.4	175.5	0.94	<0.05	13.9	0.315	1.52	2.8
M899907		15.1	97.2	<0.002	<0.01	9.73	15.1	1	1.6	189.0	1.12	<0.05	13.6	0.368	0.95	2.7
M899908		15.7	151.0	<0.002	0.01	16.65	14.7	1	1.8	144.0	0.79	0.26	13.2	0.331	1.67	2.4
M899909		12.6	188.0	<0.002	0.03	36.2	15.6	1	1.8	62.9	0.72	0.12	12.7	0.320	2.12	3.2
M899910		15.4	128.5	<0.002	0.03	39.6	13.6	1	1.5	162.0	0.66	<0.05	11.8	0.304	1.60	3.0
M899911		19.2	127.0	<0.002	0.01	16.00	14.2	1	1.8	187.0	0.71	<0.05	13.2	0.333	1.40	2.6
M899912		2870	167.5	0.002	4.90	94.8	8.8	1	8.2	92.4	0.50	0.40	10.7	0.183	2.37	5.9
M899913		16.9	104.5	<0.002	0.01	10.25	15.9	1	1.9	145.5	0.81	<0.05	14.1	0.355	1.04	2.3
M899914		13.7	153.0	<0.002	0.01	19.10	15.3	1	1.6	62.8	0.72	<0.05	12.4	0.312	1.85	2.8
M899915		14.3	129.5	<0.002	<0.01	13.10	15.3	1	1.7	144.0	0.98	<0.05	13.2	0.346	1.38	2.4
M899916		13.9	122.5	<0.002	<0.01	10.90	14.4	1	1.8	157.5	0.88	<0.05	12.4	0.321	1.31	2.8
M899917		25.4	118.5	<0.002	0.01	10.05	13.3	1	1.7	215	0.71	<0.05	11.8	0.334	1.21	2.3
M899918		42.5	165.5	<0.002	0.01	24.9	16.2	1	1.9	140.0	0.69	<0.05	12.8	0.322	1.76	2.6
M899919		300	189.5	<0.002	0.12	75.2	36.4	2	3.9	117.5	0.41	0.14	10.7	0.467	2.37	4.4
M899920		33.4	161.0	<0.002	0.02	37.1	14.9	1	1.9	97.0	0.66	<0.05	11.9	0.309	1.94	2.5
M899921		27.0	181.0	<0.002	0.05	38.5	13.6	1	1.9	84.2	0.62	<0.05	10.5	0.292	2.15	2.5
M899922		15.0	169.0	<0.002	0.03	24.9	12.7	1	1.8	92.3	0.87	<0.05	14.7	0.296	2.00	2.8
M899923		12.6	150.5	<0.002	0.03	22.9	12.3	1	1.9	76.2	0.78	<0.05	10.4	0.295	2.01	2.1
M899924		26.5	137.0	<0.002	0.02	12.80	12.7	1	2.3	157.0	0.73	0.17	14.5	0.305	1.50	2.3
M899925		33.0	174.5	<0.002	0.01	16.45	13.3	1	2.3	110.0	0.69	<0.05	13.9	0.294	2.08	2.1
M899926		26.9	113.0	<0.002	0.01	7.51	13.8	1	1.9	246	0.76	<0.05	13.4	0.328	1.32	2.3
M899927		50.7	181.5	<0.002	0.06	24.1	14.9	1	2.1	160.5	0.72	<0.05	13.7	0.320	2.38	2.6
M899928		15.5	104.5	<0.002	0.01	3.85	13.1	1	2.2	170.5	0.83	<0.05	13.5	0.343	1.11	1.8
M899929		18.8	183.0	<0.002	0.04	12.80	13.8	1	1.8	103.5	0.75	<0.05	13.0	0.308	2.30	2.8
M899930		13.9	195.0	<0.002	0.05	16.30	12.9	1	1.7	62.7	0.67	<0.05	12.7	0.310	2.63	2.6
M899931		96.8	205	<0.002	0.13	39.4	12.5	1	1.8	187.0	0.65	<0.05	12.1	0.290	2.72	2.8
M899932		389	197.5	<0.002	0.30	21.1	11.5	1	1.7	83.8	0.82	<0.05	13.6	0.262	2.11	2.7
M899933		1.7	4.0	<0.002	0.01	0.14	0.4	1	<0.2	39.5	<0.05	<0.05	<0.2	0.005	0.05	0.6
M899934		9.5	188.0	<0.002	0.05	14.15	12.0	1	1.6	60.2	0.75	<0.05	13.2	0.264	2.27	2.5
M899935		42.7	180.5	<0.002	0.12	30.1	12.8	1	1.7	70.4	0.58	<0.05	12.1	0.288	2.56	2.7
M899936		13.4	115.0	<0.002	0.05	32.9	14.4	1	2.7	54.8	0.67	0.05	10.2	0.343	1.62	2.2



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 Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12164240**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899901		108	2.0	15.1	66	14.0
M899902		106	1.8	16.5	56	14.8
M899903		104	2.2	13.4	53	14.0
M899904		105	1.9	15.3	95	15.7
M899905		103	2.8	15.2	89	15.7
M899906		102	2.2	14.5	57	17.9
M899907		120	2.6	14.2	53	17.8
M899908		112	1.5	15.6	66	16.5
M899909		113	1.6	17.6	78	16.9
M899910		106	1.8	20.1	72	15.5
M899911		109	2.0	15.6	72	19.0
M899912		59	5.5	10.6	5200	27.7
M899913		111	4.2	15.9	57	15.6
M899914		108	2.3	19.5	79	14.7
M899915		114	1.9	16.1	66	15.3
M899916		111	1.8	15.3	73	15.1
M899917		106	1.7	12.9	81	19.8
M899918		121	2.3	23.3	94	17.4
M899919		221	4.8	45.4	416	27.6
M899920		119	1.9	20.6	110	15.8
M899921		134	1.9	17.8	92	17.5
M899922		98	2.1	16.1	76	22.8
M899923		98	2.5	15.2	59	18.0
M899924		100	3.8	16.4	75	22.7
M899925		98	3.1	19.4	85	19.0
M899926		109	2.1	13.5	90	17.6
M899927		108	3.6	22.3	95	15.5
M899928		103	4.5	11.6	64	17.3
M899929		107	3.1	16.6	70	16.5
M899930		99	1.9	14.5	60	14.4
M899931		97	3.3	15.2	222	13.7
M899932		89	2.8	14.3	317	16.3
M899933		4	0.1	0.8	17	<0.5
M899934		95	2.6	15.0	63	16.8
M899935		97	2.6	13.6	137	12.5
M899936		121	3.8	11.6	89	12.6



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**CERTIFICATE OF ANALYSIS WH12164240**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12164241**

Project: Klaza TR-12-36  
P.O. No.: Batch 2  
This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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1016 - 510 W HASTINGS STREET  
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Plus Appendix Pages  
Finalized Date: 4-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12164241**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899937		4.35	0.012	0.28	8.62	99.8	1110	1.41	0.58	0.30	0.52	48.1	9.6	16	17.40	41.9
M899938		3.88	0.041	0.79	8.89	200	1060	1.33	0.60	0.36	1.43	45.1	8.5	15	18.00	79.8
M899939		4.39	0.006	0.44	8.54	45.9	1270	1.53	0.58	0.40	0.30	52.4	9.2	14	26.6	101.0
M899940		3.84	0.009	0.27	8.61	44.8	1070	1.62	0.39	0.75	0.45	55.9	9.9	14	43.0	38.8
M899941		2.95	<0.005	0.04	0.11	<5	20	<0.05	0.02	19.60	0.06	1.08	0.6	2	0.32	1.6
M899942		2.66	0.007	0.16	9.07	42.9	1300	1.47	3.29	0.59	0.42	47.4	10.6	14	20.1	10.1
M899943		3.59	0.020	1.15	8.01	177.0	1120	1.64	0.88	0.69	1.69	64.0	11.7	19	16.45	32.9
M899944		2.76	0.036	1.53	8.02	356	1210	1.61	0.87	0.44	1.85	58.2	11.8	16	20.0	74.0
M899945		3.48	0.021	0.75	8.47	168.0	1180	1.83	0.70	0.40	0.89	51.3	10.8	16	20.1	69.7
M899946		3.08	0.026	0.88	8.48	166.5	1070	2.25	0.65	0.46	1.06	59.6	11.5	16	24.8	59.1
M899947		3.26	0.028	1.08	8.08	159.0	1650	1.64	0.49	0.38	1.20	52.4	9.9	18	19.00	60.8
M899948		3.58	0.055	1.01	7.45	412	1240	1.28	0.55	0.30	1.39	34.9	9.0	15	19.60	26.8
M899949		3.65	0.021	0.57	7.83	154.0	1050	1.57	3.55	0.39	1.23	48.2	11.0	16	20.1	32.8
M899950		3.21	0.012	0.49	7.79	103.0	860	1.18	0.78	0.61	0.83	47.0	9.1	16	16.60	49.2
M899951		3.17	0.011	0.69	8.08	102.0	960	1.62	1.52	0.59	0.94	57.3	9.7	19	17.90	51.8
M899952		3.85	0.008	0.45	8.09	103.0	970	1.55	1.40	0.45	0.71	56.5	10.6	16	17.05	91.4
M899953		2.65	0.006	0.39	8.52	46.4	850	1.69	1.33	0.36	0.51	54.6	10.5	15	14.40	64.3
M899954		3.31	0.013	1.04	8.23	90.5	900	1.60	0.97	0.40	0.87	52.6	10.9	14	19.75	49.1
M899955		3.27	0.013	2.58	7.92	70.6	1040	1.45	1.47	0.60	0.88	50.6	10.5	17	13.10	79.5
M899956		4.24	0.028	25.8	8.72	85.4	1070	2.64	0.67	0.36	3.44	43.9	10.8	13	24.7	55.4
M899957		3.92	0.019	2.89	8.59	106.5	1250	1.62	1.35	0.45	3.29	49.7	11.3	14	21.5	43.1
M899958		3.15	0.015	0.63	7.67	158.5	810	1.29	0.57	0.61	1.04	52.5	9.9	18	14.30	33.8
M899959		5.19	0.018	0.87	8.41	141.5	1340	1.38	1.40	0.48	1.05	51.9	11.2	15	17.15	52.3
M899960		3.57	0.007	0.53	8.38	54.7	1260	1.33	1.84	0.46	0.24	48.6	11.8	14	20.9	31.5
M899961		3.17	0.006	0.57	8.80	36.3	1900	1.51	1.34	0.77	0.20	42.1	11.5	15	20.7	54.6
M899962		4.66	0.010	1.48	8.04	69.5	870	1.38	2.70	0.65	0.78	46.2	9.7	13	14.00	47.2
M899963		0.28	2.20	26.3	6.10	3520	310	1.33	18.95	2.28	80.4	44.0	11.7	19	15.35	442
M899964		4.37	0.007	0.84	8.84	37.7	1190	1.51	3.37	0.61	0.68	49.3	12.4	14	17.30	121.5
M899965		4.60	<0.005	0.27	8.31	13.8	1190	1.34	1.10	1.84	0.20	41.0	10.8	13	17.20	28.9
M899966		4.83	<0.005	0.41	8.66	16.0	1320	1.29	1.21	1.51	0.27	39.7	11.6	15	20.2	109.5
M899967		3.62	<0.005	0.34	8.55	13.1	1250	1.24	1.29	1.28	0.22	42.2	11.6	14	17.60	88.1
M899968		3.92	<0.005	0.25	8.73	9.3	1110	1.34	3.23	0.44	0.21	47.3	10.0	13	16.15	47.5
M899969		5.68	0.019	0.47	7.76	601	1180	1.17	0.77	1.57	0.65	38.0	11.8	13	17.80	9.4
M899970		4.65	<0.005	0.15	8.41	8.3	1260	1.21	0.63	0.64	0.19	49.3	9.1	12	16.70	5.9
M899971		4.41	0.005	0.20	8.32	13.9	1040	1.25	0.87	1.20	0.23	50.8	7.9	13	26.4	8.0
M899972		2.80	<0.005	0.10	7.79	4.2	920	1.27	1.22	3.25	0.33	41.2	9.9	10	12.95	5.2



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Plus Appendix Pages  
Finalized Date: 4-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12164241**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899937		3.80	17.00	0.14	0.7	0.043	2.33	26.8	21.9	0.26	1500	2.14	0.25	7.7	6.1	640
M899938		3.75	16.85	0.11	0.6	0.049	2.02	23.1	28.0	0.38	1240	1.58	0.90	8.2	6.5	640
M899939		3.60	16.20	0.13	0.7	0.042	2.06	33.6	21.2	0.41	1160	2.64	1.26	8.2	6.0	590
M899940		3.80	17.05	0.15	0.7	0.092	2.43	30.6	26.7	0.45	2230	1.98	0.72	7.9	6.3	600
M899941		0.46	0.24	0.09	<0.1	<0.005	0.03	0.6	1.0	12.75	213	0.21	0.01	0.1	2.0	170
M899942		4.07	20.3	0.12	0.7	0.490	1.91	21.9	36.2	0.94	963	1.51	1.82	8.6	6.8	640
M899943		3.64	18.00	0.13	0.9	0.073	2.41	38.0	23.0	0.43	2170	2.33	1.08	9.3	9.0	630
M899944		3.79	18.40	0.16	0.8	0.226	2.92	38.5	34.2	0.31	3360	8.48	0.39	8.7	8.0	590
M899945		3.89	17.30	0.15	0.8	0.070	2.24	31.6	170.5	0.25	1660	5.04	0.40	8.5	7.3	640
M899946		3.70	18.80	0.16	0.8	0.066	2.00	36.8	310	0.27	1500	2.41	0.49	9.0	8.8	650
M899947		3.75	17.10	0.15	0.7	0.091	2.86	32.1	66.6	0.32	2300	3.07	0.44	8.1	7.2	600
M899948		3.67	15.10	0.14	0.6	0.117	3.03	20.9	17.3	0.29	3140	2.87	0.25	7.2	6.2	570
M899949		3.71	17.80	0.13	0.7	0.079	2.58	25.4	29.5	0.30	1740	2.29	0.83	8.6	7.8	600
M899950		3.71	14.40	0.13	0.6	0.051	2.54	25.8	23.4	0.37	1900	2.22	0.70	7.2	6.5	600
M899951		3.62	16.45	0.14	0.7	0.060	2.32	33.5	76.2	0.34	1570	2.29	0.77	8.2	7.3	610
M899952		3.64	16.90	0.14	0.7	0.066	2.32	31.1	33.1	0.33	1380	2.64	1.01	7.9	7.0	610
M899953		3.74	18.05	0.11	0.7	0.056	2.78	28.6	23.8	0.38	1160	2.14	1.18	7.5	6.5	630
M899954		4.08	17.40	0.11	0.7	0.109	3.10	30.9	22.3	0.36	3090	3.70	0.44	7.5	6.7	620
M899955		3.75	16.35	0.10	0.7	0.062	2.29	25.7	21.3	0.36	1700	2.47	0.99	8.2	6.8	630
M899956		3.91	19.25	0.09	0.6	0.053	2.00	21.7	550	0.23	2180	2.39	0.09	8.3	6.1	630
M899957		4.07	18.10	0.10	0.7	0.079	2.99	25.8	63.5	0.34	3130	3.49	0.39	8.3	6.5	620
M899958		3.40	16.55	0.10	0.8	0.067	2.76	27.1	20.2	0.42	1700	6.93	0.68	8.3	9.0	640
M899959		3.83	18.20	0.10	0.7	0.065	2.79	27.7	19.8	0.36	1720	17.35	0.79	8.6	6.8	620
M899960		3.74	17.60	0.10	0.7	0.049	2.60	25.3	16.4	0.35	1110	1.90	0.76	7.8	6.2	570
M899961		3.89	19.00	0.10	0.7	0.045	2.72	20.8	15.7	0.37	1100	2.26	0.76	8.4	6.3	620
M899962		3.69	16.65	0.10	0.8	0.092	3.09	25.3	16.9	0.29	2310	4.34	0.10	8.3	5.7	560
M899963		6.96	14.75	0.13	1.0	1.850	2.74	22.2	19.3	0.93	1900	14.20	0.05	6.2	15.8	460
M899964		3.94	19.35	0.10	0.8	0.158	2.62	24.6	18.3	0.33	1360	11.85	0.79	8.8	6.3	650
M899965		3.81	17.70	0.10	0.7	0.053	2.41	20.3	23.2	0.31	1250	2.82	1.02	8.5	5.7	620
M899966		3.98	18.70	0.09	0.7	0.098	2.14	19.0	17.8	0.33	867	8.11	0.67	8.6	6.0	620
M899967		3.72	18.45	0.10	0.6	0.048	2.11	21.5	24.5	0.23	1200	3.87	0.62	8.5	6.1	640
M899968		3.64	18.00	0.10	0.7	0.047	2.07	25.4	29.3	0.19	1030	1.97	0.33	8.8	5.6	650
M899969		4.13	16.25	0.10	0.6	0.051	2.10	19.1	28.8	0.37	2420	1.68	0.15	7.8	6.0	540
M899970		3.48	17.90	0.10	0.7	0.044	2.02	24.7	21.4	0.26	1030	1.10	1.07	8.3	5.7	610
M899971		3.16	17.35	0.10	0.7	0.047	2.96	26.4	15.6	0.26	1050	1.41	0.73	9.4	4.4	580
M899972		3.48	16.25	0.09	0.7	0.053	1.67	20.5	15.4	0.73	1160	0.51	1.26	9.2	5.1	580



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**CERTIFICATE OF ANALYSIS WH12164241**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899937		21.4	157.0	<0.002	0.04	18.60	13.3	2	1.9	52.9	0.65	0.06	13.5	0.312	1.73	2.5
M899938		138.0	106.0	<0.002	0.02	15.55	13.1	1	3.2	112.0	0.66	<0.05	14.4	0.332	1.20	2.5
M899939		14.9	137.0	<0.002	0.02	24.6	13.5	2	3.1	124.0	0.66	0.05	15.2	0.323	1.43	2.5
M899940		23.9	162.5	<0.002	0.05	10.50	13.0	2	2.0	92.3	0.69	<0.05	15.3	0.304	1.90	2.3
M899941		1.3	1.8	<0.002	0.01	0.18	0.2	1	<0.2	39.8	<0.05	<0.05	0.2	<0.005	0.04	0.8
M899942		12.1	115.5	<0.002	0.02	10.65	12.2	1	6.4	150.5	0.74	<0.05	13.4	0.337	1.33	1.9
M899943		137.5	158.0	<0.002	0.04	15.70	14.2	2	2.0	169.5	0.75	0.06	16.0	0.324	2.08	3.0
M899944		196.0	214	<0.002	0.06	29.4	14.7	3	2.1	90.3	0.73	0.07	16.7	0.313	2.58	3.1
M899945		50.7	140.0	<0.002	0.02	30.6	13.9	2	2.0	102.5	0.75	0.07	15.2	0.336	1.95	2.7
M899946		66.1	134.5	<0.002	0.03	32.7	14.7	2	2.0	125.0	0.76	<0.05	15.4	0.328	1.79	2.9
M899947		167.0	211	<0.002	0.06	21.1	13.1	2	1.9	86.9	0.70	<0.05	12.9	0.319	2.75	2.7
M899948		245	190.5	<0.002	0.04	15.40	11.5	1	1.7	47.8	0.67	<0.05	11.1	0.295	2.64	2.5
M899949		61.4	163.5	<0.002	0.02	13.20	13.4	2	1.9	108.5	0.70	0.06	13.5	0.316	2.36	2.7
M899950		50.8	153.0	<0.002	0.02	16.15	11.4	2	1.6	108.5	0.62	0.05	11.9	0.310	1.94	2.4
M899951		51.4	156.5	<0.002	0.02	18.30	12.7	1	1.9	135.5	0.66	0.10	13.9	0.326	1.92	2.6
M899952		38.1	154.0	<0.002	0.04	21.6	12.9	1	1.9	120.0	0.68	0.10	14.9	0.314	1.87	2.6
M899953		22.3	144.5	<0.002	0.02	11.35	14.4	1	2.2	113.0	0.65	<0.05	12.6	0.306	1.73	2.2
M899954		99.5	181.0	<0.002	0.05	16.85	14.3	1	2.1	68.1	0.64	<0.05	12.5	0.311	2.37	2.3
M899955		210	115.0	<0.002	0.05	22.4	13.2	1	2.2	142.0	0.69	<0.05	11.3	0.333	1.54	2.4
M899956		2340	113.0	<0.002	0.08	43.1	14.8	1	2.2	90.6	0.69	<0.05	12.1	0.337	1.61	2.1
M899957		211	155.0	<0.002	0.05	28.4	14.2	1	2.1	85.3	0.70	<0.05	12.5	0.335	2.18	2.6
M899958		41.5	162.0	<0.002	0.01	13.75	12.5	1	1.8	102.0	0.73	<0.05	11.6	0.320	2.11	2.0
M899959		81.5	161.0	<0.002	0.06	16.20	14.3	1	2.2	108.0	0.76	<0.05	13.1	0.331	2.07	2.1
M899960		28.6	131.0	<0.002	0.08	6.94	12.9	1	2.0	70.7	0.70	<0.05	13.0	0.309	1.59	2.1
M899961		22.2	148.0	<0.002	0.10	14.55	14.5	1	2.2	89.6	0.74	<0.05	12.6	0.326	1.89	2.2
M899962		156.0	174.0	<0.002	0.11	30.5	12.1	1	1.9	41.5	0.77	<0.05	13.7	0.302	2.52	2.3
M899963		2850	156.0	<0.002	4.91	95.0	8.9	1	8.6	89.2	0.53	0.37	10.3	0.188	2.52	5.1
M899964		64.5	127.0	<0.002	0.13	39.8	15.2	1	2.7	110.5	0.79	0.07	12.7	0.345	1.66	2.1
M899965		18.1	107.0	<0.002	0.02	11.40	13.9	1	2.2	119.0	0.77	<0.05	11.5	0.325	1.46	1.9
M899966		19.4	83.0	<0.002	0.05	18.55	15.0	1	2.5	141.0	0.76	<0.05	11.9	0.342	1.07	1.8
M899967		16.9	100.5	<0.002	0.09	29.6	14.4	1	2.6	113.0	0.72	<0.05	11.5	0.334	1.28	1.9
M899968		16.6	104.0	<0.002	0.03	48.5	14.8	1	2.5	59.6	0.75	<0.05	12.3	0.353	1.29	1.8
M899969		25.1	101.5	<0.002	0.04	26.8	13.1	1	2.0	63.0	0.80	<0.05	9.8	0.288	1.64	1.9
M899970		17.1	106.5	<0.002	<0.01	12.05	14.2	1	2.1	146.5	0.73	<0.05	13.0	0.325	1.33	2.1
M899971		15.4	172.5	<0.002	<0.01	19.10	12.1	1	2.2	56.4	1.00	<0.05	12.5	0.315	2.17	2.1
M899972		26.1	77.8	<0.002	<0.01	5.58	12.3	1	2.4	245	1.34	<0.05	10.3	0.306	1.17	1.8





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 Finalized Date: 4-AUG-2012  
 Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12164241**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899937		107	2.5	15.0	80	11.8
M899938		104	2.6	14.0	121	11.1
M899939		98	2.0	15.0	71	11.0
M899940		97	2.5	16.0	77	11.0
M899941		2	0.1	0.8	14	<0.5
M899942		123	8.5	12.4	90	12.4
M899943		99	2.9	17.5	133	17.3
M899944		101	3.6	20.1	169	15.4
M899945		103	3.1	17.4	123	13.1
M899946		100	2.7	19.2	128	14.3
M899947		104	2.4	16.6	183	12.9
M899948		100	2.7	15.3	200	11.8
M899949		101	3.0	14.5	156	13.5
M899950		98	2.7	16.0	124	12.4
M899951		99	2.8	16.9	131	14.9
M899952		102	3.1	15.5	100	12.6
M899953		106	2.9	13.8	86	14.9
M899954		105	3.1	17.3	136	15.4
M899955		101	3.1	13.7	124	17.7
M899956		105	4.4	12.9	241	14.4
M899957		106	3.6	14.6	296	16.5
M899958		98	3.1	12.8	109	20.9
M899959		104	3.2	17.1	135	17.0
M899960		105	2.5	14.6	78	15.5
M899961		110	2.4	15.1	80	15.5
M899962		94	3.1	15.2	127	17.7
M899963		58	5.7	9.9	5530	26.0
M899964		110	4.8	16.6	138	16.8
M899965		107	3.8	16.9	89	16.4
M899966		113	4.6	15.3	100	15.6
M899967		107	5.6	17.1	86	14.4
M899968		106	12.5	18.6	101	14.3
M899969		96	5.1	15.4	139	13.0
M899970		102	5.8	17.4	95	13.6
M899971		95	5.5	15.4	82	15.1
M899972		96	4.0	15.6	136	14.1



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**CERTIFICATE OF ANALYSIS WH12164241**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12164242**

Project: Klaza TR-12-36

P.O. No.: Batch 3

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

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12164242**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899973		4.82	<0.005	0.10	8.00	7.9	1010	1.46	1.68	2.07	0.40	44.0	8.6	13	17.45	13.4
M899974		3.52	<0.005	0.87	8.10	5.8	1290	1.43	28.7	1.42	0.39	41.9	7.9	12	16.10	13.9
M899975		4.18	<0.005	0.26	6.53	5.6	1350	1.43	1.46	2.41	0.29	25.8	8.5	10	14.90	12.7
M899976		3.41	<0.005	1.37	7.83	24.2	950	1.50	2.45	1.27	1.01	39.6	13.2	17	18.55	49.6
M899977		3.76	<0.005	0.33	7.93	10.1	980	1.40	2.76	1.67	0.22	41.1	9.7	13	16.65	45.5
M899978		4.09	0.005	1.74	7.58	55.4	960	1.58	1.59	1.51	0.68	29.8	11.8	12	17.45	160.5
M899979		4.80	0.062	77.9	8.75	223	1080	1.43	0.46	0.47	6.15	48.3	14.8	12	27.1	86.2
M899980		5.22	0.005	1.04	8.37	33.9	870	1.57	0.99	0.72	1.32	42.7	9.4	11	18.25	112.0
M899981		3.74	<0.005	0.41	9.46	10.1	720	1.31	0.57	1.43	0.42	29.1	13.8	6	13.95	44.6
M899982		3.64	<0.005	0.19	9.55	7.8	950	1.16	0.57	2.02	0.32	31.1	14.2	6	10.45	21.0
M899983		6.43	<0.005	0.14	9.94	7.9	910	1.13	0.50	2.00	0.33	30.2	16.8	8	12.65	21.3
M899984		5.84	<0.005	0.20	9.22	7.0	890	1.12	0.44	2.28	0.28	26.2	16.3	8	10.15	28.1
M899985		2.27	<0.005	0.21	9.16	12.2	880	1.21	0.54	1.95	0.34	30.5	13.1	13	11.05	21.7
M899986		4.72	<0.005	0.20	9.27	7.9	820	1.13	0.58	2.93	0.28	28.2	14.0	10	8.38	26.3
M899987		3.45	<0.005	0.13	9.63	3.5	810	1.08	0.26	2.00	0.32	28.2	15.4	5	12.25	27.7
M899988		4.10	0.006	0.42	9.08	13.6	780	1.33	0.72	0.84	0.36	28.8	16.6	8	24.6	30.8
M899989		6.80	<0.005	0.18	9.26	2.9	670	0.99	0.30	1.97	0.20	23.9	15.9	4	11.95	30.6
M899990		4.12	<0.005	0.17	9.17	3.0	670	1.22	0.40	1.82	0.17	27.9	14.2	17	10.50	17.7
M899991		6.42	<0.005	0.45	9.54	8.9	960	1.43	0.59	0.93	0.72	31.4	17.4	49	13.35	39.3
M899992		5.23	0.005	0.55	9.15	11.5	1060	1.82	0.64	0.80	0.87	24.0	20.4	175	37.1	50.7
M899993		5.62	<0.005	0.18	8.55	5.6	970	1.37	0.19	0.81	0.43	46.1	8.2	7	16.90	32.0
M899994		4.49	<0.005	0.07	8.21	5.2	750	1.45	0.16	0.80	0.28	45.6	8.2	9	12.90	15.6
M899995		6.49	<0.005	0.08	8.27	2.7	920	1.38	0.10	1.29	0.22	43.4	9.3	8	13.20	19.5
M899996		4.92	<0.005	0.07	8.33	2.3	980	1.31	0.12	1.48	0.20	35.1	9.8	7	13.20	21.4
M899997		6.52	<0.005	0.19	8.68	3.2	1130	1.46	0.41	1.48	0.23	36.7	10.0	31	6.91	56.1
M899998		4.92	<0.005	0.08	9.29	4.8	1190	1.43	0.15	2.39	0.29	25.6	12.1	36	9.09	32.7
M899999		6.52	<0.005	0.24	8.71	8.4	1060	1.42	0.26	0.84	0.65	39.9	8.8	<1	15.30	46.5
M897901		5.12	<0.005	0.22	9.38	4.9	1160	1.53	0.26	2.48	0.72	24.5	12.3	<1	5.42	50.3
M897902		0.26	1.490	34.4	7.89	545	1250	2.01	1.08	0.30	31.4	76.6	5.9	17	3.19	138.5
M897903		3.47	<0.005	1.01	6.77	4.0	1570	1.66	5.83	0.53	0.48	48.5	2.4	5	4.19	22.8
M897904		3.07	<0.005	0.64	7.48	3.8	1460	1.81	1.98	0.70	0.79	52.0	4.1	2	5.12	26.9
M897905		4.35	0.006	0.48	7.37	13.4	970	1.65	0.43	0.25	3.83	54.1	6.0	4	13.30	52.6
M897906		3.18	<0.005	0.02	0.09	<5	20	0.05	0.04	22.2	0.07	1.25	0.6	<1	0.15	1.7
M897907		5.70	<0.005	0.18	9.32	5.4	1200	1.58	0.22	1.33	1.59	20.4	15.0	71	18.75	68.7
M897908		5.52	<0.005	0.17	9.42	6.5	840	1.65	0.18	1.05	1.20	33.9	17.2	62	28.3	57.7
M897909		4.58	0.017	0.54	8.64	29.3	890	1.75	0.13	0.46	1.26	46.0	9.4	10	24.4	62.9



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Finalized Date: 5-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12164242**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899973		3.62	17.45	0.09	0.6	0.073	2.26	22.4	21.9	0.40	1400	1.01	1.38	8.8	5.6	590
M899974		3.31	17.90	0.10	0.5	0.064	2.14	18.5	22.3	0.26	1190	0.62	0.61	7.7	4.9	610
M899975		3.27	16.75	0.08	0.5	0.058	1.98	10.7	21.0	0.21	1460	0.79	0.56	7.0	5.2	510
M899976		4.04	17.05	0.12	0.6	0.077	3.01	17.2	37.5	0.30	2360	2.45	0.22	6.9	8.3	620
M899977		3.53	17.70	0.12	0.6	0.068	2.63	18.1	43.4	0.25	1460	0.89	0.96	7.3	5.4	560
M899978		3.66	17.05	0.10	0.6	0.115	2.88	12.6	124.0	0.25	2110	2.74	0.10	7.1	5.4	540
M899979		4.18	17.95	0.13	0.6	0.105	3.71	23.5	9.0	0.28	4850	3.56	0.12	7.7	5.5	610
M899980		3.87	17.40	0.13	0.6	0.176	2.87	20.8	43.2	0.27	1970	5.16	0.13	7.2	5.1	600
M899981		4.69	20.0	0.12	1.6	0.056	1.75	12.5	28.8	1.14	1260	1.61	1.36	6.1	5.1	820
M899982		4.77	19.70	0.10	1.6	0.079	1.44	12.3	31.4	1.19	1250	1.35	1.42	5.8	5.4	770
M899983		5.39	20.5	0.09	1.2	0.068	1.36	12.5	50.4	1.83	1550	1.47	1.16	5.2	6.1	790
M899984		5.21	19.50	0.09	1.2	0.068	1.24	11.1	45.8	1.79	1570	1.07	1.29	4.9	5.5	730
M899985		4.41	19.00	0.09	1.6	0.068	1.52	12.9	40.3	1.15	1060	1.98	1.26	6.2	6.4	720
M899986		4.83	19.05	0.08	1.6	0.070	1.03	11.8	38.2	1.51	1240	1.19	1.70	5.4	6.1	750
M899987		5.13	19.85	0.08	1.4	0.058	1.35	11.0	32.2	1.90	1860	1.54	1.18	5.0	5.0	750
M899988		5.00	21.2	0.11	1.1	0.091	2.34	12.0	23.6	1.75	1400	1.85	0.84	4.9	5.2	780
M899989		4.93	18.45	0.09	1.2	0.054	1.21	8.7	29.5	2.18	1740	0.85	1.20	4.5	4.5	740
M899990		4.66	19.55	0.10	1.6	0.074	1.38	10.1	23.3	1.64	1470	0.76	1.64	5.5	8.8	840
M899991		4.62	20.2	0.10	1.4	0.065	1.55	12.3	23.1	0.89	1700	2.08	0.67	7.0	20.7	1130
M899992		4.88	19.00	0.10	0.9	0.067	2.01	9.2	22.2	1.09	1530	2.07	0.60	7.4	45.3	1140
M899993		2.75	16.95	0.12	0.8	0.024	2.40	22.7	15.2	0.75	954	1.15	1.33	8.5	6.2	570
M899994		2.96	17.05	0.11	0.7	0.030	2.51	24.1	11.6	0.84	1070	1.55	1.40	7.7	4.6	590
M899995		3.09	17.20	0.10	0.8	0.024	2.12	19.3	17.0	1.21	818	0.84	1.87	8.2	4.9	600
M899996		3.09	16.90	0.09	0.8	0.022	2.14	15.2	18.3	1.38	761	0.80	1.97	7.5	5.2	650
M899997		3.69	18.20	0.14	0.7	0.039	2.15	17.7	19.0	1.58	1020	1.09	2.51	6.6	9.6	830
M899998		4.50	20.4	0.13	0.5	0.060	1.71	11.1	19.9	1.34	1180	1.26	2.59	5.1	12.8	1140
M899999		2.87	18.35	0.11	0.8	0.042	2.43	17.3	19.0	0.50	1300	2.14	1.32	6.7	2.5	990
M897901		4.61	20.6	0.10	0.4	0.071	1.68	10.7	17.8	1.05	1180	1.17	2.71	5.0	2.4	1150
M897902		5.76	24.0	0.21	2.5	0.223	3.56	36.7	23.5	0.29	1060	5.89	0.07	11.8	7.1	1790
M897903		1.35	13.30	0.14	1.4	0.229	3.40	23.5	7.3	0.30	438	0.85	1.86	7.4	1.7	310
M897904		1.77	15.55	0.13	1.2	0.127	3.03	23.0	10.7	0.38	846	1.15	2.14	8.6	2.1	450
M897905		2.29	16.10	0.13	1.2	0.032	3.08	31.8	9.1	0.33	2640	5.26	0.48	7.6	3.2	390
M897906		0.50	0.21	0.07	<0.1	0.009	0.03	0.6	1.1	13.50	227	0.15	0.01	0.2	1.7	180
M897907		4.22	20.5	0.10	0.6	0.046	1.81	8.9	17.1	0.85	1700	2.06	2.30	5.7	18.6	940
M897908		4.44	20.6	0.14	0.6	0.058	1.65	13.6	21.2	0.93	1570	2.22	1.53	5.5	19.8	1080
M897909		2.90	17.55	0.14	0.9	0.047	2.64	22.6	15.7	0.50	1290	3.09	0.56	7.7	6.4	730



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Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12164242**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899973		27.4	119.5	<0.002	<0.01	13.05	12.9	1	2.3	209	0.88	<0.05	9.6	0.313	1.65	1.9
M899974		23.0	106.0	0.002	0.01	12.90	12.5	1	2.3	127.5	0.57	0.46	9.4	0.326	1.49	1.3
M899975		26.7	75.3	<0.002	0.01	9.68	10.2	1	2.2	152.5	0.55	0.05	6.3	0.299	1.32	1.1
M899976		20.1	172.0	<0.002	0.09	33.3	14.3	1	2.4	41.9	0.49	<0.05	9.7	0.320	2.64	1.8
M899977		15.9	139.5	<0.002	0.03	26.9	12.7	1	2.2	105.5	0.59	0.05	10.6	0.308	2.17	1.8
M899978		24.2	157.0	<0.002	0.13	70.0	11.9	1	2.4	62.6	0.54	0.07	8.4	0.297	2.51	1.8
M899979		2460	194.0	<0.002	0.19	150.0	13.6	1	2.2	44.3	0.60	0.05	12.3	0.323	2.57	2.7
M899980		36.0	162.0	<0.002	0.07	36.3	12.6	1	2.2	46.1	0.55	<0.05	11.4	0.307	2.12	1.9
M899981		40.8	73.9	<0.002	<0.01	3.88	14.8	1	1.2	231	0.40	0.15	5.8	0.373	1.16	1.9
M899982		46.7	50.1	<0.002	0.01	4.04	15.4	<1	1.1	302	0.37	0.10	5.5	0.381	0.95	1.6
M899983		36.3	49.5	<0.002	0.01	2.68	17.7	1	1.1	336	0.34	0.19	5.0	0.415	0.82	1.5
M899984		40.4	36.8	<0.002	<0.01	2.15	15.8	1	1.1	349	0.33	0.16	4.2	0.404	0.82	1.3
M899985		43.2	55.9	<0.002	0.01	5.67	14.6	1	1.3	320	0.41	0.13	6.9	0.370	1.11	1.7
M899986		50.3	27.4	<0.002	0.01	2.52	15.3	1	1.2	450	0.37	0.10	4.5	0.404	0.66	1.3
M899987		40.0	46.9	<0.002	<0.01	1.23	17.3	1	1.2	336	0.32	0.05	4.3	0.409	0.91	1.2
M899988		33.4	115.5	<0.002	<0.01	3.42	16.3	2	1.2	161.5	0.31	0.22	4.6	0.357	1.72	1.4
M899989		44.9	26.8	<0.002	<0.01	0.89	15.4	1	1.0	317	0.30	0.12	3.7	0.407	0.85	1.1
M899990		28.1	52.7	<0.002	<0.01	1.29	14.7	1	1.2	324	0.34	0.10	4.3	0.370	1.04	1.3
M899991		117.5	60.6	<0.002	0.01	11.55	14.4	1	1.3	182.5	0.45	0.40	5.1	0.415	1.01	1.9
M899992		91.2	82.9	<0.002	0.01	21.1	19.1	1	1.3	192.0	0.48	0.16	4.6	0.403	1.41	1.7
M899993		22.8	122.0	<0.002	<0.01	7.87	11.4	<1	1.4	206	0.71	<0.05	14.9	0.294	1.31	1.2
M899994		14.3	131.5	<0.002	<0.01	4.17	11.1	<1	1.7	190.5	0.62	<0.05	13.3	0.284	1.45	1.2
M899995		14.6	110.0	<0.002	<0.01	2.81	12.2	1	1.4	293	0.62	<0.05	11.5	0.298	1.06	1.1
M899996		15.6	90.6	<0.002	<0.01	1.83	12.1	<1	1.4	329	0.58	<0.05	10.2	0.310	1.07	1.1
M899997		19.0	99.1	<0.002	<0.01	1.61	13.1	1	1.5	410	0.46	0.08	8.7	0.318	1.05	1.1
M899998		19.0	67.6	<0.002	<0.01	2.57	11.8	1	1.4	528	0.29	<0.05	3.8	0.306	0.97	0.9
M899999		60.7	108.0	<0.002	<0.01	28.8	8.4	1	1.0	215	0.55	0.10	11.8	0.247	1.19	1.6
M897901		55.1	62.9	<0.002	<0.01	1.42	9.7	1	1.2	575	0.31	0.07	4.5	0.284	0.69	1.2
M897902		3960	170.0	0.003	0.60	78.3	15.2	4	22.2	392	0.71	0.33	7.4	0.456	2.08	3.4
M897903		168.0	124.0	<0.002	<0.01	1.14	3.8	1	0.8	217	0.77	0.23	20.6	0.129	1.17	2.6
M897904		220	117.5	<0.002	<0.01	1.71	5.0	1	1.1	249	0.64	0.29	20.2	0.161	1.18	2.5
M897905		362	155.0	<0.002	<0.01	4.94	5.5	1	1.4	86.8	0.60	0.07	20.5	0.145	1.89	2.1
M897906		2.5	1.3	<0.002	0.01	0.06	0.3	<1	<0.2	42.7	<0.05	<0.05	0.2	<0.005	0.02	0.6
M897907		27.4	74.2	<0.002	0.01	4.67	14.9	1	1.2	434	0.34	0.09	4.5	0.332	1.01	1.2
M897908		27.6	98.7	<0.002	0.01	8.02	18.7	1	1.4	292	0.37	0.06	5.5	0.374	1.03	1.7
M897909		130.5	151.5	<0.002	<0.01	14.95	11.6	1	1.4	150.5	0.60	<0.05	11.7	0.284	1.68	2.0



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 Finalized Date: 5-AUG-2012  
 Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12164242**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899973		103	4.6	15.7	132	10.7
M899974		104	14.0	13.1	120	8.7
M899975		103	4.2	10.4	116	8.7
M899976		110	6.4	13.7	160	10.5
M899977		96	4.8	11.3	127	9.6
M899978		102	4.3	10.1	131	9.5
M899979		107	7.1	15.6	492	10.8
M899980		101	6.3	13.9	146	9.7
M899981		128	2.6	17.0	123	51.3
M899982		130	2.6	15.0	123	50.5
M899983		154	1.5	15.8	147	39.9
M899984		150	1.5	13.8	154	36.8
M899985		127	2.3	14.5	125	48.4
M899986		149	1.7	14.1	157	66.8
M899987		158	2.0	13.2	134	43.2
M899988		140	3.2	14.7	159	37.4
M899989		151	1.8	12.7	135	38.2
M899990		128	1.6	13.4	113	52.0
M899991		142	3.1	14.3	288	49.4
M899992		147	4.7	12.1	240	26.5
M899993		84	3.0	11.5	70	15.0
M899994		91	1.7	11.7	68	13.0
M899995		91	1.4	12.1	63	14.3
M899996		96	2.0	11.8	69	16.6
M899997		109	4.6	14.7	87	15.6
M899998		98	3.6	16.4	99	9.5
M899999		82	8.3	14.5	128	16.0
M897901		105	3.0	15.2	233	6.8
M897902		150	3.8	19.7	2570	65.7
M897903		28	1.6	9.7	124	29.8
M897904		37	2.3	11.8	132	27.0
M897905		49	2.5	16.4	159	26.7
M897906		2	0.1	0.8	14	<0.5
M897907		131	3.2	13.0	155	11.1
M897908		153	3.7	14.1	173	16.8
M897909		90	4.2	14.8	249	24.3



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Project: Klaza TR-12-36

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**CERTIFICATE OF ANALYSIS WH12164242**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12164243**

Project: Klaza - 75

P.O. No.: Batch 5

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

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 7-AUG-2012  
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Project: Klaza -75

**CERTIFICATE OF ANALYSIS WH12164243**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N828999		2.71	<0.005	0.21	7.15	23.5	2160	1.53	4.05	2.16	0.41	50.5	7.2	9	17.75	37.0
N829000		3.42	<0.005	0.20	7.23	13.0	2080	1.62	1.37	2.34	0.12	44.2	8.5	12	10.45	31.8
N828762		0.27	0.766	9.08	6.88	1580	980	1.47	6.33	1.94	42.7	45.3	16.4	19	17.25	108.0
N828763		2.14	0.006	0.23	7.48	22.7	2200	1.68	0.65	1.78	0.18	52.5	7.6	10	10.45	31.6
N828764		3.40	<0.005	0.14	7.73	10.2	2230	1.66	0.86	2.31	0.11	53.9	6.5	11	11.50	12.1
N828765		1.61	<0.005	0.15	7.60	43.1	2240	1.61	2.26	2.46	0.09	54.6	59.3	11	10.25	18.0
M895519		3.64	0.009	0.18	7.63	13.1	2240	1.51	0.74	1.90	0.16	53.7	5.7	10	8.59	12.7
M895520		1.75	0.063	0.63	7.71	39.1	2470	1.57	1.61	1.63	0.55	52.7	11.2	10	10.95	10.8
M895521		5.23	0.005	0.16	7.48	12.6	2310	1.65	0.50	2.38	0.25	53.8	8.9	12	10.05	17.9
M895522		2.03	0.008	0.51	7.43	23.7	3130	1.44	0.96	1.71	0.13	54.3	9.7	9	14.60	44.6
M895523		2.67	0.076	1.22	7.31	58.4	1960	1.31	1.47	1.97	3.38	49.9	7.3	8	22.6	22.0
M895524		1.68	0.059	1.30	7.31	67.6	1590	1.57	2.09	1.82	2.61	50.0	6.7	8	19.60	18.0
M895525		2.03	0.009	0.18	7.10	24.3	2330	1.56	0.53	3.09	0.28	51.1	6.8	10	15.55	10.7
M895526		3.44	<0.005	0.12	7.14	9.9	2220	1.39	0.31	2.68	0.16	52.1	7.1	11	10.20	7.4
M895527		3.75	0.196	1.27	6.96	108.5	1820	1.42	0.42	2.55	7.52	48.6	6.4	9	19.20	12.4
M895528		1.27	0.016	0.43	6.55	37.0	2090	1.59	0.55	3.52	0.33	48.8	7.4	8	26.4	11.0
M895529		4.13	<0.005	0.01	0.10	<5	20	<0.05	0.03	20.8	0.06	1.17	0.7	1	0.26	2.0
M895530		1.62	<0.005	0.39	6.94	55.7	1310	1.60	0.22	2.34	0.17	48.1	6.4	10	25.3	9.4
M895531		1.88	<0.005	0.69	7.17	81.3	3980	1.75	0.12	2.26	0.22	64.1	4.9	13	18.15	9.1
M895532		3.86	<0.005	0.34	6.79	54.6	1630	1.91	0.13	2.50	0.15	55.8	5.0	13	19.80	22.5
M895533		3.58	<0.005	0.44	6.35	42.3	2320	1.85	0.13	3.18	0.16	50.7	5.3	12	17.50	13.2
M895534		1.97	<0.005	0.75	6.37	65.7	2270	1.87	0.13	3.27	0.16	51.0	6.1	11	17.00	27.6
M895535		5.88	0.013	0.37	6.89	54.2	1860	1.79	0.32	3.26	1.81	62.4	8.6	12	18.75	40.1
M895536		5.79	<0.005	0.09	7.31	18.1	2120	2.05	0.22	3.16	0.26	67.3	6.0	12	18.45	31.1
M895537		<0.02	0.078	0.07	6.91	19.0	2230	1.92	0.20	3.12	0.24	58.2	5.5	12	16.70	27.8
M895538		4.61	<0.005	0.10	7.36	11.4	1710	1.96	0.27	1.93	0.19	71.0	5.4	13	22.7	20.2
M895539		2.19	0.121	0.37	6.47	42.8	1710	1.56	0.38	4.93	0.28	54.2	4.4	9	16.90	10.6
M895540		2.04	0.051	0.26	6.09	36.1	2150	1.57	0.33	3.90	0.26	47.6	5.1	10	15.25	9.3
M895541		2.91	0.022	0.42	6.64	23.4	2090	1.64	0.78	2.99	0.41	36.4	6.2	11	16.40	5.5
M895542		3.17	0.011	0.68	7.14	20.0	2160	1.76	2.84	2.39	1.05	43.5	3.0	11	14.80	29.7
M895543		2.00	0.011	0.73	7.16	39.8	2080	1.65	2.54	2.62	0.62	41.4	6.3	14	14.95	98.7
M895544		3.86	<0.005	0.01	0.06	<5	30	0.06	0.03	20.8	0.07	0.95	0.6	1	0.15	1.7
M895545		2.68	0.009	0.70	7.21	34.6	1920	1.45	2.10	2.35	0.74	44.0	12.7	10	11.40	30.0
M895546		5.37	<0.005	0.17	7.73	9.7	2250	1.67	0.28	2.64	0.44	47.6	6.0	13	12.95	6.1
M895547		0.27	0.819	10.35	6.79	1535	980	1.50	6.15	1.90	42.4	43.7	16.1	20	15.15	106.0
M895548		4.20	<0.005	0.20	7.67	9.2	2100	1.54	0.52	2.60	0.17	48.9	5.7	13	10.40	15.2



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Account: ROCKHA

Project: Klaza -75

**CERTIFICATE OF ANALYSIS WH12164243**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N828999		2.83	15.85	0.13	1.1	0.052	2.85	26.7	29.1	0.69	843	0.90	1.40	7.8	2.7	540
N829000		2.82	15.90	0.13	1.2	0.044	2.81	22.8	14.9	0.76	565	5.87	2.22	8.0	2.2	540
N828762		5.45	15.05	0.19	1.4	1.015	2.83	23.7	24.4	0.71	2000	12.15	0.27	7.6	15.3	500
N828763		3.36	15.90	0.16	1.3	0.119	3.07	28.8	17.8	0.69	1180	1.02	1.65	8.7	3.3	550
N828764		2.97	17.60	0.18	1.4	0.050	2.89	31.1	15.6	0.75	543	3.71	2.18	8.9	2.8	560
N828765		3.97	17.05	0.20	1.4	0.070	2.78	31.3	16.3	0.82	582	0.83	2.26	8.8	3.5	570
M895519		3.02	17.55	0.18	1.2	0.086	2.99	30.9	13.7	0.68	659	2.39	1.77	8.4	2.8	600
M895520		3.42	17.20	0.18	1.1	0.172	3.61	30.9	10.7	0.53	1010	8.32	1.18	8.5	3.1	580
M895521		3.20	18.35	0.17	1.1	0.085	2.61	29.8	13.2	0.63	616	2.51	2.01	9.2	3.7	630
M895522		2.99	15.75	0.18	1.4	0.121	2.90	31.7	18.8	0.41	570	2.12	0.95	8.1	2.8	560
M895523		3.34	17.00	0.17	1.1	0.151	2.76	27.5	22.9	0.56	1080	5.91	0.16	8.1	2.9	590
M895524		3.51	16.40	0.18	1.1	0.142	3.01	28.5	17.5	0.49	798	3.24	0.84	7.8	2.6	560
M895525		3.12	16.60	0.17	1.2	0.076	2.60	26.4	16.6	0.48	624	2.39	1.54	8.3	2.8	590
M895526		3.00	17.85	0.20	1.1	0.075	2.44	27.1	14.2	0.71	627	3.61	2.09	8.6	3.3	610
M895527		3.12	16.05	0.15	1.2	0.097	2.63	25.5	27.2	0.73	1720	3.55	0.17	7.9	2.7	570
M895528		2.87	15.40	0.15	1.1	0.066	2.60	25.9	24.7	1.09	943	6.45	0.09	7.8	2.9	550
M895529		0.47	0.23	<0.05	<0.1	0.008	0.04	0.6	1.3	12.25	210	0.19	0.01	0.1	2.1	170
M895530		2.37	15.20	0.10	1.8	0.049	2.31	24.8	83.0	0.81	618	1.67	0.10	8.5	3.3	700
M895531		2.28	17.70	0.13	3.1	0.031	2.34	33.2	123.5	0.78	659	1.54	0.15	10.3	5.3	980
M895532		2.24	17.40	0.12	3.1	0.026	2.37	28.0	134.5	0.69	580	1.46	0.13	10.8	5.0	990
M895533		2.32	17.45	0.12	2.6	0.027	2.45	24.3	103.0	0.86	657	2.20	0.12	10.8	4.6	970
M895534		2.34	17.15	0.11	2.6	0.026	2.51	25.3	83.2	0.90	696	2.43	0.11	10.6	4.8	970
M895535		2.54	16.95	0.12	2.3	0.093	2.61	33.0	59.9	0.87	618	1.63	0.15	10.0	4.1	950
M895536		2.48	18.75	0.13	2.6	0.045	2.86	34.5	36.5	0.95	564	1.24	0.10	11.4	4.7	990
M895537		2.44	17.10	0.11	2.6	0.034	2.85	28.6	34.3	0.91	562	1.06	0.10	10.7	4.3	980
M895538		2.34	17.90	0.15	3.1	0.031	2.78	36.9	29.4	0.80	497	1.42	0.10	11.0	4.6	1020
M895539		3.04	13.65	0.09	1.7	0.049	2.29	29.5	46.6	1.69	2190	1.14	0.10	7.5	3.4	710
M895540		2.79	15.05	0.11	2.2	0.048	2.45	23.0	49.5	1.30	1590	0.97	0.13	8.7	4.0	810
M895541		3.03	15.60	0.10	0.9	0.062	2.71	16.0	34.3	0.86	824	1.93	1.06	7.3	3.0	580
M895542		3.16	15.65	0.10	1.0	0.103	2.73	20.6	30.9	0.75	811	5.20	1.33	7.4	2.9	580
M895543		3.36	17.35	0.11	1.0	0.141	2.65	19.4	30.7	0.93	884	1.78	0.57	8.4	2.8	630
M895544		0.46	0.15	0.05	<0.1	<0.005	0.03	0.5	0.9	12.30	207	0.10	<0.01	0.1	1.8	160
M895545		3.11	15.70	0.10	1.1	0.168	2.56	23.1	14.7	0.77	827	1.23	1.80	6.8	3.2	580
M895546		3.25	16.40	0.11	1.1	0.050	2.66	23.5	18.2	0.76	639	4.40	2.17	8.2	3.1	610
M895547		5.35	14.50	0.12	1.3	0.840	2.80	22.5	23.9	0.70	1970	12.10	0.26	7.0	15.2	480
M895548		3.00	16.10	0.11	1.1	0.067	2.63	26.1	22.3	0.74	599	0.80	1.92	7.4	3.0	570



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**CERTIFICATE OF ANALYSIS WH12164243**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N828999		35.7	129.0	<0.002	0.13	13.00	10.4	1	2.2	270	0.62	<0.05	14.3	0.238	1.66	4.2
N829000		18.8	119.0	<0.002	0.12	5.04	10.5	1	2.3	366	0.65	0.06	13.7	0.240	1.40	4.7
N828762		1365	162.5	0.002	3.20	34.9	9.1	1	6.2	155.0	0.67	0.34	13.3	0.209	2.57	6.0
N828763		12.5	165.5	<0.002	0.27	15.35	11.3	1	2.6	190.5	0.76	0.06	15.4	0.242	1.88	6.1
N828764		17.8	134.5	<0.002	0.06	3.18	11.3	1	2.6	399	0.78	0.05	16.6	0.251	1.48	5.6
N828765		15.4	138.5	<0.002	1.26	2.11	11.9	2	2.9	403	0.74	0.22	16.6	0.248	1.37	5.6
M895519		17.9	142.5	<0.002	0.04	2.43	11.3	1	1.9	301	0.74	0.07	16.7	0.256	1.49	2.9
M895520		43.8	187.5	<0.002	0.73	3.17	11.3	1	3.1	238	0.76	0.29	16.3	0.244	1.94	3.9
M895521		17.8	114.0	<0.002	0.21	2.05	12.4	1	2.6	374	0.75	0.08	15.4	0.266	1.23	3.3
M895522		16.4	152.0	<0.002	0.45	7.17	10.6	1	2.4	199.5	0.79	0.10	17.7	0.229	1.87	3.4
M895523		115.0	150.5	<0.002	0.72	9.68	11.6	1	3.1	111.0	0.66	0.26	13.5	0.247	2.21	3.5
M895524		145.5	158.5	<0.002	1.03	5.54	11.0	1	2.3	198.5	0.65	0.42	13.9	0.240	2.16	3.6
M895525		18.7	115.0	<0.002	0.35	3.26	12.0	1	1.6	305	0.70	0.08	14.2	0.258	1.40	3.1
M895526		19.1	107.5	<0.002	0.21	2.09	12.3	1	1.6	385	0.64	0.06	13.3	0.262	1.20	2.9
M895527		271	120.0	<0.002	0.88	16.10	10.5	1	2.4	137.5	0.68	0.07	14.0	0.246	2.10	4.4
M895528		32.2	108.0	<0.002	0.30	13.45	10.4	1	2.2	229	0.69	0.10	13.5	0.235	1.84	6.0
M895529		1.3	1.9	<0.002	0.01	0.08	0.2	<1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M895530		19.9	77.9	<0.002	0.26	8.40	7.4	<1	1.8	198.5	0.67	0.05	10.5	0.244	1.71	6.8
M895531		23.6	84.0	<0.002	0.32	5.32	6.0	<1	1.7	225	0.65	<0.05	9.6	0.269	1.49	4.5
M895532		20.0	70.3	<0.002	0.17	4.78	5.3	<1	3.4	290	0.68	<0.05	8.1	0.271	1.52	3.8
M895533		28.7	58.7	<0.002	0.18	4.65	4.9	<1	1.9	390	0.67	<0.05	7.1	0.267	1.48	3.4
M895534		27.4	59.4	<0.002	0.21	4.92	4.9	<1	3.3	406	0.68	<0.05	7.2	0.265	1.65	3.8
M895535		20.6	83.5	<0.002	0.35	3.84	5.6	<1	5.9	461	0.64	0.06	8.9	0.257	1.48	3.4
M895536		13.8	98.8	<0.002	0.08	4.08	5.6	<1	5.7	449	0.70	<0.05	9.4	0.272	1.80	3.7
M895537		13.8	80.6	<0.002	0.08	3.72	5.2	<1	5.2	441	0.67	<0.05	8.6	0.270	1.84	3.5
M895538		17.1	97.6	0.002	0.09	5.11	5.6	<1	3.8	293	0.70	<0.05	10.2	0.277	1.80	4.1
M895539		17.8	92.2	<0.002	0.68	7.34	7.2	<1	2.0	303	0.50	0.07	10.3	0.223	1.65	4.8
M895540		17.4	63.9	<0.002	0.51	5.42	6.3	<1	2.2	280	0.56	0.09	7.5	0.241	1.82	3.8
M895541		26.7	98.3	0.002	0.40	4.15	9.4	<1	2.0	369	0.51	0.25	8.6	0.248	1.73	2.6
M895542		43.3	111.0	<0.002	0.31	5.47	10.5	<1	2.0	358	0.56	1.27	11.1	0.246	1.61	3.1
M895543		24.6	111.5	0.002	0.57	18.20	12.0	<1	3.5	234	0.61	0.28	9.1	0.277	1.74	2.6
M895544		1.1	1.0	<0.002	0.01	0.05	0.2	<1	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M895545		28.8	127.0	<0.002	0.87	4.40	10.3	<1	2.2	269	0.53	0.47	12.2	0.223	1.60	3.6
M895546		27.4	101.0	<0.002	0.11	2.25	11.6	<1	2.0	438	0.67	0.08	12.5	0.269	1.12	3.8
M895547		1340	161.0	0.003	3.15	33.9	8.8	<1	6.0	159.0	0.57	0.28	11.2	0.209	2.34	4.6
M895548		20.0	98.8	<0.002	0.13	2.02	10.2	<1	1.8	413	0.59	0.05	10.7	0.257	1.09	2.7



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**CERTIFICATE OF ANALYSIS WH12164243**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N828999		64	2.1	16.4	79	29.3
N829000		66	1.6	17.3	43	30.4
N828762		58	5.5	11.2	3030	39.1
N828763		64	2.7	16.5	71	33.8
N828764		66	1.6	18.6	45	36.0
N828765		68	1.2	19.9	43	37.1
M895519		69	2.6	16.9	58	28.1
M895520		67	4.3	16.7	83	27.0
M895521		73	10.5	18.4	60	27.2
M895522		63	3.3	15.7	49	35.9
M895523		70	7.4	15.8	249	31.2
M895524		66	4.9	14.1	279	31.3
M895525		71	3.3	17.4	70	31.7
M895526		72	1.2	17.4	57	31.3
M895527		66	4.0	14.4	541	32.4
M895528		64	4.0	15.7	77	27.8
M895529		1	0.1	0.7	14	<0.5
M895530		55	2.9	11.6	60	56.0
M895531		45	3.7	12.5	62	116.0
M895532		44	1.7	10.9	63	108.5
M895533		45	1.8	10.2	67	85.8
M895534		44	4.6	10.1	67	85.9
M895535		44	1.3	11.4	174	80.8
M895536		45	1.5	12.3	80	91.3
M895537		45	1.6	11.0	78	86.2
M895538		46	2.2	12.1	72	102.5
M895539		49	2.4	13.5	72	62.3
M895540		50	2.5	10.9	74	78.3
M895541		68	2.8	12.1	79	21.7
M895542		68	2.1	13.3	136	22.8
M895543		76	3.2	14.2	108	23.1
M895544		<1	0.1	0.6	15	<0.5
M895545		73	3.0	13.8	94	24.9
M895546		76	2.8	16.0	65	24.2
M895547		57	5.4	10.7	3010	39.5
M895548		70	2.0	14.6	53	23.1



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**CERTIFICATE OF ANALYSIS WH12164243**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12164244**

Project: Klaza - 82

P.O. No.: Batch 1

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

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12164244**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M897354		5.49	0.027	0.21	8.00	15.6	2120	1.47	0.95	2.80	0.41	56.8	8.3	15	5.73	18.2
M897355		4.06	0.033	0.32	8.09	21.2	2200	1.59	1.15	2.00	2.15	56.5	8.5	22	10.15	39.3
M897356		4.09	0.062	0.63	7.39	36.9	990	1.52	1.33	1.67	3.90	364	6.2	10	12.00	20.6
M897357		11.65	<0.005	0.14	8.23	9.9	2190	1.60	0.34	2.70	0.51	58.8	8.2	13	8.47	11.0
M897358		11.75	<0.005	0.16	7.80	15.2	2200	1.52	0.51	2.44	0.41	54.1	7.4	12	7.05	9.8
M897359		<0.02	<0.005	0.12	7.97	15.5	2220	1.48	0.50	2.46	0.40	52.9	7.3	13	6.93	9.3
M897360		6.72	0.014	0.25	7.66	16.0	1980	1.55	1.16	2.34	1.65	52.4	7.3	10	8.47	12.0
M897361		5.73	0.010	0.17	7.71	11.6	2020	1.58	0.41	2.59	0.84	56.4	8.9	11	10.40	36.8
M897362		4.27	0.007	0.22	7.54	26.3	2230	1.52	0.86	2.52	0.73	55.7	8.5	11	9.15	15.7
M897363		4.38	0.044	0.15	7.74	19.5	2380	1.57	0.78	2.20	0.38	54.2	9.9	14	9.64	10.8
M897364		0.26	2.28	25.7	6.10	3380	1600	1.20	19.05	2.28	76.3	45.3	10.9	20	15.10	446
M897365		9.49	0.005	0.15	7.83	17.3	2220	1.52	0.51	2.35	0.58	54.5	8.0	11	8.82	12.5
M897366		5.15	<0.005	0.13	7.70	12.8	2200	1.54	0.41	2.38	0.49	55.7	7.3	11	8.47	11.5
M897367		8.68	0.044	0.23	8.25	23.3	2430	1.54	0.76	1.79	2.46	61.3	10.0	10	15.00	42.8
M897368		3.72	0.214	0.39	7.27	44.5	2010	1.45	1.33	2.58	2.16	51.8	12.8	9	21.0	28.1
M897369		2.75	<0.005	0.01	0.10	7	30	0.06	0.02	21.4	0.07	1.39	1.4	2	0.29	3.8
M897370		3.85	0.011	0.33	8.89	35.9	2440	1.28	0.64	0.47	4.08	51.5	8.8	9	13.80	72.1
M897371		5.63	0.053	1.54	7.57	79.2	1000	1.76	2.35	0.60	23.4	60.8	7.9	8	19.70	83.6
M897372		4.13	0.014	0.32	7.81	18.3	2360	1.61	0.50	1.99	4.89	57.5	8.9	10	15.50	36.9
M897373		0.26	2.25	25.0	5.97	3480	1710	1.13	19.10	2.25	76.2	44.0	10.7	20	14.80	449
M897374		5.13	<0.005	0.21	8.26	13.8	2420	1.58	0.34	1.67	3.23	57.0	8.8	9	17.95	21.5
M897375		8.47	0.008	0.48	8.09	36.7	2090	1.56	0.69	0.85	8.32	57.6	8.4	9	16.70	54.3
M897376		6.27	0.227	2.55	6.57	190.0	700	1.40	2.82	1.08	13.95	46.4	6.6	7	21.6	50.3
M897377		3.12	<0.005	0.02	0.11	12	40	0.05	0.03	21.6	0.10	1.41	1.5	3	0.45	1.8
M897378		5.11	0.017	0.85	7.42	42.6	1540	1.59	1.31	2.40	5.17	52.2	7.4	8	28.2	27.8
M897379		12.16	0.021	0.46	7.14	27.7	2150	1.51	1.33	2.39	0.94	45.1	7.0	11	20.9	41.8
M897380		3.96	0.499	14.00	7.39	240	520	1.58	135.0	0.99	5.05	54.2	7.3	9	15.85	1280
M897381		4.22	0.117	2.41	7.43	138.5	1450	1.46	5.91	1.82	5.98	53.3	8.0	9	18.30	82.6
M897382		3.78	0.010	0.37	7.46	13.3	2290	1.59	1.16	2.36	1.44	53.3	6.4	12	12.40	21.2
M897383		4.36	0.063	0.64	7.74	31.7	2590	1.62	1.54	2.88	1.12	50.9	7.5	10	16.15	25.7
M897384		4.93	0.070	0.33	7.66	25.6	2750	1.50	1.55	2.59	0.79	74.3	14.7	11	19.60	16.1
M897385		5.64	0.005	0.18	7.35	14.3	2350	1.48	0.55	2.10	0.21	57.9	6.2	10	15.00	9.7
M897386		4.47	0.015	0.28	7.68	38.6	1330	1.26	0.90	1.75	2.90	59.9	9.0	9	23.1	11.3
M897387		11.71	0.011	0.37	7.87	35.2	2110	1.12	1.51	0.54	1.08	58.3	10.2	9	14.20	15.4
M897388		6.42	0.023	0.58	7.84	46.8	1830	1.37	2.88	0.45	1.81	62.3	10.8	8	13.30	31.1
M897389		3.54	0.239	1.42	8.39	114.5	1590	1.33	6.29	0.55	0.74	63.9	10.6	9	14.70	173.0





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Project: Klaza - 82

**CERTIFICATE OF ANALYSIS WH12164244**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897354		3.23	17.50	0.13	1.4	0.145	2.60	30.1	9.8	0.97	510	1.58	2.59	9.1	6.7	650
M897355		3.13	17.65	0.13	1.5	0.155	2.81	30.9	7.9	0.94	500	1.93	1.84	8.9	17.8	650
M897356		3.76	19.90	0.57	1.2	0.537	2.95	187.5	13.9	0.60	706	1.89	0.35	7.2	2.7	680
M897357		3.27	17.60	0.17	1.4	0.108	2.73	31.9	11.0	0.91	507	1.58	2.41	9.2	3.7	670
M897358		3.15	16.75	0.15	1.4	0.096	2.59	29.0	12.3	0.89	422	2.75	2.45	8.9	3.1	610
M897359		3.19	16.50	0.16	1.4	0.096	2.66	29.1	12.2	0.91	427	2.28	2.47	8.7	3.2	630
M897360		2.96	16.35	0.15	1.3	0.098	2.61	27.8	12.5	0.84	390	1.87	2.17	8.5	2.9	610
M897361		3.06	16.85	0.16	1.4	0.137	2.65	30.5	14.1	0.80	424	1.74	2.21	9.0	3.2	610
M897362		3.09	16.65	0.15	1.4	0.146	2.86	30.3	12.6	0.88	383	2.06	2.14	8.9	2.9	600
M897363		3.25	16.75	0.15	1.3	0.116	2.87	30.0	16.7	0.90	382	1.64	2.00	8.9	3.0	600
M897364		6.90	13.95	0.13	0.9	1.680	2.69	24.9	23.1	0.93	1890	13.80	0.04	6.4	15.1	450
M897365		3.17	17.35	0.14	1.4	0.077	2.76	29.3	13.1	0.89	442	1.50	2.47	9.2	3.1	610
M897366		3.10	16.60	0.16	1.3	0.069	2.70	30.6	12.4	0.89	443	1.72	2.46	8.7	2.8	610
M897367		3.44	18.35	0.15	1.5	0.143	3.01	34.0	19.3	0.58	624	2.73	1.43	9.5	3.1	640
M897368		3.61	16.10	0.14	1.3	0.114	2.78	27.7	21.0	0.88	676	2.66	0.86	8.2	3.2	570
M897369		0.50	0.36	0.12	<0.1	0.005	0.04	0.7	0.9	13.00	223	0.16	0.01	0.3	3.5	190
M897370		3.42	19.70	0.10	1.6	0.254	3.17	27.7	45.2	0.34	743	1.87	0.11	9.7	3.1	700
M897371		3.97	18.80	0.11	1.4	1.180	3.38	34.5	17.4	0.46	832	2.18	0.08	8.2	2.5	420
M897372		3.31	17.50	0.14	1.5	0.155	3.11	31.6	15.7	0.69	760	1.45	1.92	9.1	3.0	610
M897373		6.83	13.80	0.13	0.9	1.690	2.68	24.2	23.2	0.92	1860	13.35	0.04	6.3	14.8	450
M897374		3.38	17.75	0.13	1.6	0.078	2.97	31.2	23.6	0.63	796	1.27	1.40	9.3	3.1	650
M897375		3.75	17.45	0.15	1.6	0.172	2.98	31.5	30.9	0.50	1300	1.68	0.63	9.2	3.1	640
M897376		4.80	15.40	0.12	1.2	0.969	2.47	26.0	38.6	0.51	1460	10.40	0.03	7.2	2.9	470
M897377		0.51	0.39	0.11	<0.1	0.007	0.07	0.7	1.1	13.10	224	0.19	0.01	0.3	3.2	160
M897378		3.56	16.70	0.09	1.2	0.278	2.73	28.1	41.9	0.92	1220	2.83	0.07	8.2	2.5	570
M897379		3.20	16.70	0.11	1.2	0.117	2.82	22.9	13.5	0.70	612	4.35	1.76	8.3	2.8	610
M897380		5.02	16.75	0.13	1.1	0.579	3.39	29.7	11.9	0.64	749	1.74	0.17	7.5	2.6	560
M897381		3.91	16.80	0.11	1.2	0.435	3.24	29.3	25.4	0.61	764	3.36	0.30	8.0	2.7	560
M897382		3.03	16.30	0.13	1.2	0.181	3.00	28.6	13.5	0.74	587	1.98	1.93	8.2	2.6	570
M897383		3.45	16.30	0.14	1.2	0.156	2.98	27.3	13.3	0.69	655	2.45	1.81	8.5	2.7	580
M897384		2.96	16.05	0.13	1.3	0.214	3.02	48.2	15.0	0.80	515	3.99	2.12	8.6	2.7	580
M897385		2.81	16.85	0.13	1.3	0.090	2.95	31.9	18.0	0.61	501	2.14	1.89	8.8	2.5	610
M897386		3.15	17.15	0.11	1.3	0.140	2.31	34.3	54.1	0.61	1080	2.75	0.06	8.6	3.0	610
M897387		3.32	16.90	0.12	1.2	0.160	2.74	31.6	52.0	0.32	924	2.35	0.08	8.9	3.4	620
M897388		2.63	17.90	0.17	1.5	0.164	2.78	34.2	45.3	0.31	636	3.47	0.09	9.4	3.1	600
M897389		4.06	19.10	0.12	1.2	0.300	2.90	37.8	31.3	0.39	811	1.27	0.08	9.2	5.2	700



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Project: Klaza - 82

**CERTIFICATE OF ANALYSIS WH12164244**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897354		23.7	102.0	<0.002	0.14	1.43	11.8	1	2.5	430	0.68	0.10	14.9	0.279	1.17	4.9
M897355		23.7	126.5	<0.002	0.36	1.94	11.1	2	3.2	271	0.68	0.18	15.6	0.262	1.72	5.1
M897356		91.8	189.5	<0.002	0.98	3.30	11.4	2	6.2	56.3	0.54	0.18	15.5	0.213	2.85	4.7
M897357		17.9	118.0	<0.002	0.13	1.38	12.0	2	2.6	402	0.68	0.05	15.5	0.284	1.37	5.0
M897358		17.2	107.5	<0.002	0.17	1.32	10.9	2	2.3	395	0.65	0.09	14.9	0.257	1.26	4.6
M897359		18.0	107.5	<0.002	0.18	1.32	10.9	2	2.2	402	0.66	0.07	14.8	0.263	1.23	4.5
M897360		53.0	104.5	<0.002	0.38	1.46	10.5	2	2.9	325	0.64	0.41	13.8	0.256	1.32	4.9
M897361		18.6	106.0	<0.002	0.15	1.97	11.2	2	2.5	342	0.67	0.07	15.6	0.265	1.25	4.9
M897362		41.3	119.5	<0.002	0.62	1.82	11.2	2	3.1	350	0.70	0.20	15.7	0.259	1.58	5.8
M897363		19.2	120.0	<0.002	0.65	2.73	11.0	2	2.9	298	0.66	0.17	15.4	0.262	1.49	4.6
M897364		2820	159.0	<0.002	4.78	85.4	7.4	2	7.8	90.5	0.47	0.37	11.5	0.182	2.40	5.8
M897365		19.3	113.5	<0.002	0.15	1.28	11.2	2	2.4	407	0.69	0.08	15.5	0.273	1.27	5.0
M897366		16.2	108.0	<0.002	0.10	1.15	11.3	2	2.2	408	0.64	0.05	15.3	0.266	1.18	5.0
M897367		29.7	133.0	<0.002	0.42	8.37	11.7	2	2.7	232	0.71	0.17	17.0	0.273	1.60	5.3
M897368		27.4	117.0	<0.002	1.10	6.62	10.2	2	2.9	179.0	0.62	0.32	14.2	0.245	1.78	6.3
M897369		1.5	2.0	<0.002	0.02	0.07	0.3	1	<0.2	43.0	<0.05	<0.05	0.2	<0.005	0.02	0.7
M897370		36.2	143.5	<0.002	0.25	18.80	11.9	1	2.5	73.5	0.77	0.07	17.3	0.286	1.72	4.7
M897371		162.5	215	<0.002	1.39	9.44	10.8	2	8.4	68.2	0.65	0.27	14.9	0.237	3.09	5.6
M897372		36.4	138.0	<0.002	0.25	3.27	11.2	1	2.6	307	0.71	0.05	16.9	0.260	1.75	4.1
M897373		2800	156.0	<0.002	4.76	85.9	7.3	2	7.7	90.5	0.46	0.34	11.5	0.181	2.33	5.8
M897374		26.7	126.0	<0.002	0.12	7.31	11.3	1	2.0	237	0.73	<0.05	16.5	0.268	1.49	5.4
M897375		79.4	138.0	<0.002	0.37	12.50	11.1	1	2.6	140.5	0.72	<0.05	16.4	0.260	1.93	5.0
M897376		325	137.5	<0.002	2.76	42.1	9.1	1	6.3	62.7	0.54	0.10	12.7	0.214	2.59	5.3
M897377		2.5	4.3	<0.002	0.03	0.14	0.4	1	<0.2	39.6	<0.05	<0.05	<0.2	0.005	0.02	0.7
M897378		123.0	127.0	<0.002	0.35	13.25	10.1	1	2.9	94.3	0.64	<0.05	15.2	0.242	2.33	4.6
M897379		35.9	116.5	<0.002	0.32	2.79	10.4	1	2.6	306	0.63	0.08	13.5	0.260	1.57	3.9
M897380		281	184.5	<0.002	2.81	8.17	10.1	1	9.3	49.1	0.57	1.03	14.5	0.225	2.54	6.6
M897381		159.0	154.0	<0.002	1.72	12.75	10.3	1	6.1	95.3	0.63	0.93	15.1	0.236	2.21	5.9
M897382		49.9	121.0	<0.002	0.21	2.01	10.3	1	2.4	336	0.64	0.06	14.7	0.248	1.48	4.2
M897383		35.9	117.0	<0.002	0.58	2.32	10.0	1	2.7	334	0.66	0.07	14.8	0.251	1.49	5.1
M897384		22.8	134.0	<0.002	0.80	2.89	10.6	2	3.5	303	0.66	0.45	15.8	0.245	1.63	6.6
M897385		15.9	112.5	<0.002	0.21	4.85	10.9	2	2.8	294	0.67	<0.05	14.9	0.271	1.30	4.7
M897386		22.5	96.5	<0.002	0.55	19.25	11.0	1	3.0	99.4	0.67	0.08	14.9	0.252	1.75	11.4
M897387		39.4	120.0	<0.002	0.57	18.50	12.6	1	2.8	74.1	0.68	0.15	15.7	0.272	1.57	9.3
M897388		39.6	134.0	<0.002	0.84	19.65	11.4	1	3.2	50.2	0.80	0.24	16.6	0.254	1.62	7.0
M897389		55.4	151.5	0.002	1.63	38.9	12.6	1	4.3	45.1	0.68	0.20	14.7	0.288	1.73	6.1



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**CERTIFICATE OF ANALYSIS WH12164244**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897354		78	1.6	20.1	54	43.3
M897355		74	2.9	18.2	161	45.4
M897356		70	4.0	23.1	328	38.4
M897357		80	1.8	19.8	63	44.3
M897358		71	1.4	18.5	48	42.7
M897359		72	1.4	18.4	47	41.4
M897360		71	2.2	17.4	126	39.8
M897361		72	1.9	19.7	115	42.1
M897362		73	1.6	19.6	84	44.4
M897363		72	2.5	18.3	66	41.3
M897364		57	5.4	9.6	5200	27.6
M897365		75	2.7	19.4	70	41.7
M897366		74	2.4	19.4	52	40.8
M897367		75	4.0	21.5	171	45.6
M897368		68	4.6	16.8	173	41.2
M897369		2	0.3	0.9	17	0.5
M897370		76	8.8	18.9	427	47.0
M897371		68	6.5	15.2	1110	41.6
M897372		71	2.5	19.8	369	46.5
M897373		57	5.2	9.7	5170	27.1
M897374		74	4.0	19.2	255	48.4
M897375		72	3.5	18.4	688	48.7
M897376		60	7.4	12.4	946	35.0
M897377		2	0.2	0.9	21	0.6
M897378		67	4.0	15.1	458	35.9
M897379		73	2.2	16.1	121	37.0
M897380		68	5.5	12.6	481	34.6
M897381		69	3.9	14.8	532	37.9
M897382		70	1.6	16.9	160	38.0
M897383		68	1.9	16.5	141	39.2
M897384		66	1.7	17.8	103	41.4
M897385		74	2.0	17.9	56	39.3
M897386		73	4.3	16.7	196	37.9
M897387		86	5.9	19.1	119	38.1
M897388		73	4.8	18.9	168	44.3
M897389		72	6.2	17.5	118	35.6



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**CERTIFICATE OF ANALYSIS WH12164244**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12164245**

Project: Klaza - 82

P.O. No.: Batch 2

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

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12164245**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897390		4.73	0.139	0.83	7.92	75.3	920	1.41	3.75	1.68	1.95	66.4	15.8	8	22.7	55.7
M897391		0.33	2.31	25.4	6.28	3600	1730	1.32	19.70	2.23	79.9	45.1	10.9	19	15.25	443
M897392		9.56	0.015	0.35	7.88	28.9	1910	1.37	0.89	1.34	6.31	50.6	6.6	8	15.75	73.4
M897393		3.96	0.028	0.84	7.65	45.7	700	1.37	2.49	0.87	10.95	68.2	11.8	12	17.20	82.4
M897394		3.87	0.382	0.93	7.74	40.2	740	1.33	2.68	0.68	2.97	75.5	25.4	9	11.60	100.0
M897395		1.44	<0.005	0.01	0.10	<5	30	0.07	0.03	22.1	0.10	1.45	1.7	1	0.28	1.8
M897396		4.27	0.031	0.65	8.27	17.0	2810	1.47	1.47	0.44	1.73	58.9	9.1	9	17.20	102.0
M897397		6.78	0.086	2.42	6.72	74.7	880	1.29	7.81	0.90	4.64	54.3	11.8	11	14.40	89.7
M897398		5.32	0.006	0.50	8.64	25.5	1920	1.41	1.40	0.59	2.32	61.8	6.0	9	18.05	16.1
M897399		<0.02	<0.005	0.49	8.64	23.4	1920	1.31	1.30	0.59	2.28	57.6	6.0	9	17.70	16.3
M897400		3.86	0.047	3.45	8.11	114.5	300	1.70	8.86	0.39	5.72	59.2	7.3	11	23.7	128.0
M899701		8.32	<0.005	0.26	7.45	26.0	1260	2.10	0.28	2.96	0.37	54.2	6.4	28	38.7	18.7
M899702		11.09	<0.005	0.16	7.27	15.2	1390	2.14	0.06	3.14	0.05	50.8	5.4	16	37.7	6.8
M899703		10.22	<0.005	0.08	7.10	13.5	1580	2.05	0.04	3.61	0.06	47.8	5.2	15	35.8	6.9
M899704		5.37	<0.005	0.19	7.40	18.5	1290	2.05	0.20	2.82	0.62	55.7	6.0	30	42.5	13.1
M899705		0.33	2.17	24.7	6.25	3540	1330	1.32	19.25	2.25	80.7	44.9	10.9	19	15.10	434
M899706		5.96	0.016	1.24	7.27	35.4	1340	1.86	1.52	2.55	7.36	63.2	9.8	9	28.6	10.4
M899707		6.23	0.030	1.26	7.26	60.6	1160	1.57	2.05	1.70	5.54	50.8	29.6	9	18.80	60.0
M899708		5.20	0.525	19.75	6.49	2220	770	1.24	78.0	1.06	7.87	71.5	15.5	10	11.00	710
M899709		1.64	<0.005	0.07	0.11	<5	20	0.07	0.29	22.0	0.10	1.69	1.7	1	0.33	5.4
M899710		5.62	0.414	2.99	7.06	516	890	1.71	7.04	1.57	10.55	51.8	13.5	7	25.1	158.0
M899711		5.42	0.080	1.46	7.67	88.1	1400	1.54	3.28	1.89	7.04	49.7	8.4	9	15.65	66.7
M899712		11.79	0.019	0.59	7.75	18.9	2220	1.42	1.46	2.04	3.13	42.9	6.8	9	12.10	28.7
M899713		7.37	0.033	1.13	7.46	36.8	1910	1.54	2.75	0.89	4.78	57.7	23.5	10	13.35	28.0
M899714		11.48	0.014	0.54	8.10	23.2	2060	1.68	1.18	1.55	3.61	66.7	16.7	9	13.00	12.9
M899715		8.86	<0.005	0.29	7.53	12.1	2170	1.84	0.51	2.44	0.79	45.0	6.9	11	15.75	10.3
M899716		7.30	<0.005	0.26	8.05	15.6	2010	1.64	0.99	1.65	0.49	59.9	8.4	9	20.4	14.0
M899717		6.92	<0.005	0.17	7.71	13.7	2150	1.76	0.35	2.78	0.51	53.3	7.1	12	17.45	7.4
M899718		3.47	0.048	0.19	6.95	42.4	1920	1.54	0.31	2.84	1.65	43.6	6.5	9	25.7	12.6
M899719		2.92	0.018	0.19	7.28	35.6	1710	1.65	0.30	2.40	2.07	45.5	5.6	9	26.5	12.1
M899720		10.74	<0.005	0.15	7.83	12.2	2410	1.70	0.36	2.64	0.43	58.5	6.9	14	13.95	10.7
M899721		3.81	0.007	0.38	7.20	28.1	2480	1.73	0.55	2.70	2.81	41.4	6.0	10	19.20	26.3
M899722		6.83	0.850	>100	4.98	1785	2060	1.02	872	3.81	274	167.0	5.4	6	10.75	4180
M899723		6.04	0.100	1.77	7.33	87.5	880	1.74	5.24	2.20	2.30	144.5	6.6	11	17.95	29.5
M899724		7.63	0.007	0.70	7.00	11.9	1850	1.71	1.72	2.51	1.29	72.6	6.4	7	13.90	16.7
M899725		4.19	0.006	0.23	6.81	12.0	1630	1.66	0.61	2.71	1.39	55.7	6.6	8	14.85	6.7



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**CERTIFICATE OF ANALYSIS WH12164245**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897390		4.49	16.70	0.20	1.2	0.272	3.24	36.8	10.9	0.72	993	2.22	0.05	7.6	3.7	560
M897391		6.84	14.30	0.20	0.9	1.750	2.79	23.4	23.3	0.92	1880	13.35	0.05	6.2	16.1	450
M897392		3.13	17.55	0.16	1.3	0.121	3.28	24.9	27.8	0.28	647	1.34	0.17	8.5	2.4	600
M897393		3.81	16.80	0.18	1.2	0.235	4.13	38.3	11.5	0.53	767	4.87	0.07	6.9	3.4	560
M897394		4.04	16.30	0.17	1.2	0.302	3.75	43.8	15.0	0.45	888	2.20	0.07	7.5	3.7	610
M897395		0.52	0.40	0.07	<0.1	0.006	0.05	0.7	1.2	13.05	228	0.14	<0.01	0.3	3.3	180
M897396		2.76	18.85	0.16	1.2	0.261	3.91	30.5	20.7	0.25	781	2.80	0.11	8.0	2.3	630
M897397		3.96	14.90	0.17	1.0	0.262	3.12	28.9	15.8	0.47	1010	4.36	0.06	6.1	2.9	480
M897398		3.48	18.60	0.19	1.3	0.183	3.15	31.8	30.6	0.41	1200	2.23	0.09	9.0	2.9	670
M897399		3.48	18.15	0.18	1.3	0.185	3.10	29.4	30.0	0.41	1180	1.96	0.09	8.7	3.0	680
M897400		5.23	18.85	0.22	1.6	0.435	3.24	29.4	16.3	0.43	854	3.09	0.04	8.5	6.1	650
M899701		2.22	19.65	0.16	3.9	0.030	2.78	25.8	20.6	0.91	681	2.18	0.07	9.5	21.0	700
M899702		2.20	18.60	0.18	2.1	0.029	2.80	23.5	17.7	0.86	653	0.44	0.08	9.0	8.8	800
M899703		2.22	18.90	0.18	2.1	0.029	2.77	21.6	23.7	0.86	661	0.41	0.09	9.2	8.9	810
M899704		2.13	19.90	0.18	4.1	0.030	2.90	27.0	13.8	0.99	460	0.94	0.07	9.5	20.9	670
M899705		6.91	14.30	0.21	0.9	1.755	2.74	23.0	24.9	0.92	1890	13.20	0.04	6.0	16.3	450
M899706		2.77	16.10	0.14	1.2	0.361	2.36	33.9	13.6	0.77	800	4.70	1.26	7.1	4.2	560
M899707		3.75	14.75	0.17	1.1	0.423	2.82	27.8	15.4	0.62	976	3.01	0.33	6.4	3.0	520
M899708		8.33	15.65	0.27	1.4	0.936	2.69	38.1	20.6	0.47	2120	1.75	0.05	6.3	4.2	430
M899709		0.51	0.39	0.05	<0.1	0.008	0.04	0.8	1.4	13.00	224	0.17	<0.01	0.3	3.0	190
M899710		4.62	15.75	0.16	1.1	0.461	2.92	27.1	18.4	0.55	1260	5.35	0.03	6.8	3.5	520
M899711		4.40	17.35	0.18	1.3	0.524	3.47	24.4	22.1	0.65	1110	0.93	0.08	7.9	2.7	590
M899712		3.11	17.00	0.16	1.5	0.163	3.05	19.8	29.5	0.46	624	1.17	0.36	8.7	2.8	610
M899713		3.51	16.00	0.17	1.1	0.308	2.81	32.9	21.6	0.58	578	14.10	0.12	6.6	2.7	540
M899714		3.15	17.20	0.19	1.5	0.142	3.23	36.8	22.9	0.57	643	2.52	0.73	8.4	3.0	610
M899715		3.04	16.60	0.18	1.7	0.070	2.84	21.2	14.1	0.46	564	3.05	1.54	8.8	3.2	620
M899716		3.43	17.15	0.19	1.4	0.087	2.35	30.8	25.5	0.47	675	1.18	0.77	8.7	3.0	620
M899717		2.93	16.45	0.19	1.3	0.057	2.87	25.9	14.7	0.67	604	1.85	1.96	8.2	3.1	600
M899718		2.71	15.55	0.17	1.3	0.058	3.07	20.0	25.1	0.61	2020	1.25	1.23	7.9	2.5	560
M899719		2.64	15.55	0.18	1.3	0.057	3.09	21.4	20.3	0.61	1310	1.61	1.08	7.8	2.6	580
M899720		2.84	16.25	0.19	1.3	0.058	3.00	29.5	10.9	0.68	500	1.38	2.20	8.4	3.1	590
M899721		2.59	16.15	0.17	1.3	0.104	3.25	19.0	15.9	0.52	544	3.16	1.29	8.2	2.6	610
M899722		11.35	14.15	0.39	0.8	20.0	2.14	104.5	13.3	1.11	1630	34.3	0.04	4.3	2.4	320
M899723		4.61	16.45	0.20	1.1	0.730	3.16	94.7	19.0	0.88	1130	32.6	0.19	6.7	2.6	550
M899724		2.65	17.85	0.14	1.4	0.142	2.47	43.6	21.7	0.69	489	3.97	1.79	8.6	2.8	530
M899725		2.69	17.40	0.13	1.2	0.121	2.45	30.4	19.6	0.67	606	4.87	1.67	8.1	2.8	550



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**CERTIFICATE OF ANALYSIS WH12164245**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897390		44.8	157.5	0.002	2.68	15.40	11.3	2	6.3	42.8	0.65	0.63	15.8	0.226	2.50	7.1
M897391		2770	160.5	0.002	5.02	94.8	8.7	2	8.5	94.3	0.50	0.43	10.6	0.183	2.40	5.3
M897392		40.5	144.5	<0.002	0.69	16.95	11.3	2	4.3	93.6	0.75	0.16	13.8	0.253	1.96	3.2
M897393		47.9	236	0.002	2.17	14.05	10.4	2	4.9	62.6	0.60	0.48	13.8	0.220	3.19	4.0
M897394		58.2	201	<0.002	2.15	18.30	11.7	2	6.1	52.7	0.63	0.46	14.1	0.227	2.75	4.0
M897395		1.8	2.3	<0.002	0.02	0.09	0.4	1	<0.2	41.6	<0.05	<0.05	0.2	<0.005	0.02	0.6
M897396		23.7	172.0	<0.002	0.58	10.85	12.5	1	4.0	72.3	0.70	0.15	15.1	0.246	2.49	3.3
M897397		143.0	155.5	0.003	2.46	10.95	9.7	1	5.2	53.9	0.52	0.61	11.0	0.205	2.57	3.4
M897398		53.9	140.5	<0.002	0.31	11.75	12.9	1	2.9	67.5	0.73	0.06	15.9	0.283	2.02	3.1
M897399		52.0	137.0	<0.002	0.31	11.40	12.5	1	2.8	65.4	0.68	0.07	15.4	0.276	1.96	3.0
M897400		191.5	148.5	<0.002	3.53	16.05	12.5	2	9.2	45.4	0.68	0.10	12.2	0.281	2.78	4.0
M899701		41.6	89.4	<0.002	0.08	8.67	6.3	1	1.7	290	0.80	<0.05	10.3	0.271	1.55	5.4
M899702		15.8	87.8	<0.002	0.10	3.66	6.1	1	1.4	286	0.71	<0.05	8.4	0.273	1.59	4.7
M899703		17.2	77.8	<0.002	0.09	3.61	6.1	1	1.4	336	0.72	<0.05	7.9	0.278	1.58	4.8
M899704		32.1	101.0	<0.002	0.04	7.35	6.2	1	1.9	255	0.80	<0.05	10.2	0.265	1.95	5.5
M899705		2830	159.0	0.002	5.01	95.6	8.7	2	8.5	92.2	0.48	0.44	10.3	0.181	2.39	5.3
M899706		178.0	97.6	<0.002	0.51	4.89	10.2	1	4.4	210	0.67	0.24	12.7	0.213	1.96	3.7
M899707		130.5	145.5	<0.002	1.77	7.45	9.9	1	3.9	96.1	0.57	0.32	13.1	0.201	2.61	3.9
M899708		316	140.0	<0.002	7.96	40.3	9.0	5	10.6	78.0	0.54	1.25	10.8	0.193	2.53	4.0
M899709		2.8	2.2	<0.002	0.04	0.21	0.4	1	0.2	43.1	<0.05	<0.05	0.2	<0.005	0.03	0.5
M899710		144.5	157.5	<0.002	3.39	26.3	10.1	1	7.7	65.4	0.58	0.67	12.0	0.206	2.99	6.2
M899711		99.8	157.0	<0.002	1.68	11.80	11.2	1	6.8	88.0	0.67	0.66	13.0	0.235	2.81	4.1
M899712		48.7	102.5	<0.002	0.46	16.30	11.0	1	3.7	123.5	0.76	0.31	12.3	0.258	1.69	3.6
M899713		70.5	144.0	0.002	1.25	7.52	9.8	1	3.6	48.7	0.58	0.68	13.6	0.208	2.27	4.3
M899714		76.1	132.0	<0.002	0.94	9.08	11.4	1	2.8	136.0	0.77	0.21	15.4	0.248	1.89	3.4
M899715		40.9	95.6	<0.002	0.29	6.13	10.7	1	2.4	271	0.79	0.08	12.6	0.258	1.30	3.6
M899716		33.5	99.1	<0.002	0.51	12.75	11.7	1	2.7	151.5	0.74	0.15	14.5	0.264	1.28	6.9
M899717		25.8	105.0	<0.002	0.20	3.81	10.9	1	2.0	352	0.70	0.05	13.1	0.251	1.33	3.9
M899718		37.0	106.0	<0.002	0.40	4.79	9.7	1	2.0	248	0.68	0.06	11.2	0.242	1.87	3.5
M899719		35.9	118.5	<0.002	0.33	4.27	9.9	1	2.1	212	0.67	0.05	12.2	0.240	1.89	3.7
M899720		23.6	114.0	<0.002	0.29	3.04	10.7	1	2.0	392	0.71	0.09	14.0	0.253	1.34	4.3
M899721		48.8	110.0	<0.002	0.56	7.22	10.2	1	2.4	249	0.71	0.13	11.3	0.250	1.71	3.9
M899722		9660	102.5	0.009	>10.0	219	8.6	7	20.7	89.3	0.37	11.90	9.1	0.132	2.06	4.6
M899723		58.9	179.5	0.011	1.71	9.48	11.1	2	7.2	106.0	0.57	1.50	13.6	0.202	2.66	7.2
M899724		61.7	108.5	0.002	0.33	5.54	11.6	1	3.0	272	0.69	0.13	13.2	0.231	1.18	4.4
M899725		44.0	101.5	0.002	0.37	3.23	11.4	1	2.6	265	0.62	0.10	12.7	0.231	1.22	3.7





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**CERTIFICATE OF ANALYSIS WH12164245**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M897390		68	4.5	16.2	171	36.6		
M897391		57	5.0	10.1	5170	28.1		
M897392		71	5.3	16.4	409	41.2		
M897393		69	3.0	15.6	556	34.8		
M897394		71	2.5	16.7	262	34.7		
M897395		1	0.1	0.8	16	<0.5		
M897396		76	2.2	17.7	184	36.5		
M897397		71	3.4	14.3	372	28.4		
M897398		77	4.1	17.5	266	40.3		
M897399		76	3.8	16.8	258	39.7		
M897400		80	10.8	13.2	511	54.9		
M899701		51	2.7	12.0	118	151.5		
M899702		51	1.6	11.4	57	67.9		
M899703		52	1.5	11.2	61	66.8		
M899704		51	2.2	11.9	115	159.0		
M899705		57	5.1	9.9	5450	27.4		
M899706		66	1.5	14.4	643	35.8		
M899707		64	2.2	13.6	493	31.9		
M899708		54	12.2	12.7	395	46.0		
M899709		1	0.2	0.9	17	0.6		
M899710		61	6.6	13.2	786	34.3		
M899711		68	3.3	16.3	663	38.1		
M899712		71	3.9	15.8	224	44.7		
M899713		68	3.0	15.0	412	32.4		
M899714		70	3.3	17.4	296	43.9		
M899715		71	3.4	15.7	92	49.5		
M899716		72	3.7	18.8	75	42.5		
M899717		69	2.5	16.7	61	39.2		
M899718		66	3.8	14.3	160	38.0		
M899719		65	4.0	14.1	179	38.3		
M899720		70	2.3	16.7	58	39.7		
M899721		69	2.4	13.9	222	38.6		
M899722		53	11.9	16.8	>10000	22.0	369	2.21
M899723		67	3.7	17.1	254	33.7		
M899724		67	2.4	17.1	112	38.7		
M899725		67	1.6	17.1	142	34.9		



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Project: Klaza - 82

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**CERTIFICATE OF ANALYSIS WH12164245**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12164246**

Project: Klaza - 82

P.O. No.: Batch 4

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

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza - 82

**CERTIFICATE OF ANALYSIS WH12164246**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810412		5.78	0.005	0.39	7.30	15.2	2190	1.48	0.90	2.42	2.91	48.4	5.2	8	16.90	7.5
N810413		4.41	0.113	1.39	7.27	309	870	1.49	2.59	1.57	6.95	55.8	5.2	8	16.30	20.3
N810414		6.81	0.009	0.29	7.63	18.0	1980	1.38	0.52	2.38	2.21	52.6	4.3	9	12.10	5.4
N810415		3.30	0.011	0.32	7.37	16.2	1920	1.33	0.52	2.32	2.32	49.0	4.8	9	11.35	4.7
N810416		4.13	0.018	0.46	7.17	25.7	1580	1.41	0.94	2.17	2.89	67.4	4.4	8	15.25	4.0
N810417		8.05	0.017	0.43	7.42	16.9	2120	1.43	0.82	2.63	3.78	52.1	5.3	8	11.05	7.1
N810418		10.41	0.043	0.78	7.05	30.8	2200	1.23	1.02	2.86	6.73	49.8	8.8	8	9.44	10.3
N810419		<0.02	0.038	0.74	7.19	31.1	2230	1.28	1.03	2.85	6.53	48.1	8.9	9	9.34	10.5
N810420		4.65	0.053	2.25	7.55	75.5	2180	1.37	2.81	2.06	36.7	55.9	4.2	8	14.15	24.6
N810421		12.72	0.045	0.75	7.70	258	2300	1.17	1.23	2.05	6.28	50.9	5.4	10	9.49	8.9
N810422		0.26	4.52	>100	5.23	8220	200	1.22	57.4	1.94	220	30.1	9.7	17	11.75	1260
N810423		11.81	0.097	1.32	7.19	980	2200	1.25	0.92	2.32	14.80	40.4	5.4	9	10.90	11.0
N810424		5.17	0.027	0.82	6.86	95.5	1680	1.33	1.00	4.12	4.56	46.3	8.2	7	15.95	10.3
N810425		4.75	0.330	4.98	7.15	407	1010	1.89	8.66	2.30	22.7	74.7	12.1	6	26.8	53.1
N810426		7.64	0.075	4.83	6.46	181.5	910	1.42	9.78	2.23	22.7	68.1	4.3	8	12.05	129.5
N810427		4.41	0.130	8.34	5.71	382	790	1.20	15.05	2.34	34.2	112.0	3.9	7	12.40	65.6
N810428		3.28	0.043	3.34	6.32	362	910	1.28	4.20	0.42	69.8	102.0	2.2	5	5.60	62.6
N810429		7.03	0.238	17.00	7.06	1550	1410	1.78	32.9	1.22	13.70	192.5	7.4	6	20.2	121.0
N810430		3.47	<0.005	0.02	0.12	5	30	0.10	0.07	21.6	0.13	1.57	1.5	<1	0.40	3.3
N810431		7.10	0.022	1.22	7.97	68.5	630	2.01	2.70	2.15	5.78	106.0	7.0	7	11.15	31.4
N810432		6.74	0.076	1.04	7.82	51.0	540	1.68	2.21	2.33	3.68	59.8	3.6	8	8.80	13.9
N810433		6.25	0.026	1.45	7.51	84.2	600	1.98	2.96	2.90	4.38	58.7	4.2	8	8.40	33.1
N810434		8.66	0.015	1.18	7.28	106.0	650	1.73	2.71	2.42	9.37	51.5	5.6	6	7.28	9.8
N810435		4.22	0.024	1.16	5.28	35.0	710	1.28	2.50	2.06	16.00	56.2	9.7	18	6.49	12.5
N810436		0.26	4.36	>100	5.38	7250	910	1.15	55.3	1.94	220	33.5	9.1	15	11.40	1230
N810437		6.23	0.065	2.30	7.10	207	730	1.71	4.07	1.92	16.85	74.9	13.9	6	10.55	80.2
N810438		4.29	0.055	0.76	6.87	374	1390	1.76	1.33	2.98	1.28	75.6	12.4	6	14.20	43.9
N810439		3.87	0.055	0.83	7.46	120.5	760	1.54	1.34	2.21	5.22	52.9	7.4	6	11.05	8.7
N810440		4.51	0.240	2.52	7.33	615	610	1.57	3.87	1.33	10.70	55.6	8.6	6	10.40	31.3
N810441		5.72	0.044	1.21	7.46	58.1	1030	1.79	2.08	2.10	20.5	52.6	5.7	6	13.25	43.3
N810442		5.27	1.755	>100	4.47	1175	140	1.10	155.5	1.38	86.2	209	392	4	7.34	178.0
N810443		2.63	<0.005	0.18	0.11	<5	20	0.07	0.21	21.2	0.18	1.73	1.8	<1	0.86	1.8
N810444		10.25	0.103	1.04	6.93	388	1190	1.56	1.70	3.48	8.37	56.7	6.9	6	15.55	18.3
N810445		4.98	0.311	4.34	6.52	787	420	1.35	8.40	1.95	4.65	63.7	11.3	5	8.84	40.5
N810446		3.93	0.031	0.87	7.15	226	930	1.72	1.72	2.77	7.03	59.3	6.6	6	12.50	10.7
N810447		4.93	0.134	2.74	6.52	238	560	1.37	6.31	1.66	3.27	47.9	9.1	7	7.60	40.7



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Project: Klaza - 82

**CERTIFICATE OF ANALYSIS WH12164246**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810412		2.87	15.80	0.09	1.3	0.260	3.00	23.6	12.9	0.71	749	0.88	0.73	8.1	2.6	570
N810413		4.11	16.75	0.12	1.2	0.560	3.34	30.3	9.2	0.68	996	1.27	0.06	7.1	2.5	550
N810414		2.73	16.40	0.10	1.3	0.098	2.74	26.3	9.2	0.75	543	0.87	1.90	8.3	2.5	600
N810415		2.64	15.85	0.09	1.3	0.094	2.65	24.3	9.7	0.69	526	0.89	1.74	8.0	2.4	600
N810416		2.69	16.05	0.10	1.2	0.283	2.82	36.2	13.5	0.76	780	0.78	0.37	6.9	2.1	570
N810417		3.05	16.25	0.11	1.3	0.137	2.87	26.0	8.0	0.78	668	1.26	1.84	8.2	2.7	590
N810418		3.50	15.70	0.10	1.3	0.218	2.67	25.3	11.6	0.84	701	1.42	1.52	8.1	2.8	560
N810419		3.64	15.70	0.10	1.3	0.213	2.71	24.0	12.2	0.87	712	1.43	1.55	8.0	2.9	580
N810420		4.07	16.65	0.12	1.2	1.035	3.46	29.6	23.7	0.88	1300	1.31	0.20	8.0	2.6	570
N810421		3.37	16.55	0.10	1.2	0.186	3.13	26.2	11.2	0.77	577	1.20	1.72	8.2	2.6	590
N810422		8.22	13.05	0.12	1.0	5.07	2.32	14.1	27.5	0.61	3020	15.95	0.08	5.6	13.9	440
N810423		3.34	16.00	0.09	1.3	0.287	3.21	19.4	16.9	0.68	640	1.19	0.64	8.2	2.6	590
N810424		3.46	15.40	0.10	1.3	0.228	2.74	22.7	18.6	0.74	1140	1.07	0.30	7.8	2.3	530
N810425		5.79	18.70	0.13	0.9	1.070	2.68	39.2	22.9	0.66	1180	2.02	0.05	6.0	3.1	570
N810426		3.94	13.55	0.11	0.8	0.786	2.38	38.4	20.8	0.87	1030	1.31	0.06	5.1	1.5	510
N810427		5.13	13.65	0.13	0.8	1.920	2.15	72.8	31.9	0.78	970	12.50	0.06	5.3	1.6	490
N810428		4.51	16.35	0.17	0.8	1.795	2.90	63.3	10.2	0.50	806	1.09	0.03	6.0	1.7	450
N810429		7.30	20.9	0.34	1.0	0.596	2.91	125.5	21.5	0.78	1040	2.52	0.05	7.1	2.9	600
N810430		0.47	0.31	<0.05	<0.1	0.007	0.06	0.8	1.3	12.85	213	0.11	<0.01	0.4	1.2	190
N810431		5.29	17.60	0.17	1.1	0.504	1.84	65.8	29.8	1.05	997	0.72	0.94	9.0	3.1	620
N810432		3.77	16.15	0.10	1.1	0.317	1.52	34.7	23.1	0.89	757	0.64	1.51	7.9	2.5	560
N810433		3.31	18.35	0.12	1.0	0.377	1.91	28.6	13.2	0.51	822	0.91	1.72	8.2	1.9	600
N810434		2.42	14.60	0.08	1.1	0.353	1.94	27.1	11.7	0.45	657	1.89	2.11	7.4	2.2	570
N810435		2.71	11.95	0.09	0.7	0.406	1.86	33.5	14.0	0.45	657	0.52	0.62	4.3	8.0	370
N810436		8.07	12.75	0.19	1.0	4.77	2.30	18.0	30.9	0.63	3020	13.40	0.08	5.8	15.8	440
N810437		5.30	16.70	0.15	0.9	0.513	2.09	45.3	15.6	0.71	1150	0.37	0.67	5.3	3.1	510
N810438		3.23	15.65	0.12	1.1	0.158	2.34	41.1	51.8	0.90	1020	0.45	0.64	7.3	2.6	580
N810439		3.81	15.90	0.12	1.0	0.335	2.80	28.2	19.3	0.77	855	0.51	0.56	7.4	2.2	550
N810440		5.15	15.55	0.15	1.1	0.692	3.51	29.4	8.1	0.72	1040	0.69	0.04	6.6	2.2	530
N810441		2.84	15.55	0.12	1.1	0.516	3.10	25.3	20.4	0.52	985	0.77	0.17	6.9	2.0	570
N810442		18.80	13.60	0.60	0.7	0.833	2.07	133.5	12.4	0.54	976	0.62	0.03	4.1	13.8	430
N810443		0.50	0.36	<0.05	<0.1	0.008	0.06	0.9	1.3	12.70	212	0.12	<0.01	0.7	0.8	210
N810444		3.46	14.95	0.10	1.1	0.322	2.74	29.9	28.7	1.26	1220	0.81	0.11	7.2	2.4	540
N810445		6.24	15.10	0.17	0.9	0.395	2.96	35.7	17.7	0.86	876	0.87	0.05	6.1	2.1	430
N810446		3.49	15.95	0.11	1.0	0.305	2.65	30.5	79.4	1.04	1120	0.63	0.14	7.2	2.4	540
N810447		5.95	14.20	0.14	0.9	0.234	3.00	25.2	34.3	0.82	755	4.63	0.05	6.3	3.2	460



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Finalized Date: 6-AUG-2012  
Account: ROCKHA

Project: Klaza - 82

**CERTIFICATE OF ANALYSIS WH12164246**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810412		32.6	117.5	<0.002	0.26	5.52	10.3	1	3.6	158.5	0.72	<0.05	12.3	0.250	2.28	4.4
N810413		92.8	198.0	<0.002	1.88	14.90	10.2	1	7.6	59.8	0.64	0.05	13.8	0.224	3.04	5.5
N810414		50.1	102.5	<0.002	0.23	5.26	10.6	1	3.5	312	0.73	<0.05	13.0	0.257	1.65	3.8
N810415		64.6	97.0	<0.002	0.33	5.39	10.6	1	3.6	291	0.69	0.05	13.0	0.247	1.55	3.8
N810416		35.4	112.5	<0.002	0.40	8.63	10.6	1	4.6	111.0	0.63	0.07	12.4	0.213	2.16	3.7
N810417		30.1	99.9	<0.002	0.20	4.84	10.4	1	2.9	308	0.73	<0.05	12.8	0.247	1.47	4.3
N810418		115.5	101.0	<0.002	0.52	6.07	10.2	1	3.9	274	0.73	0.05	12.7	0.241	1.39	4.0
N810419		111.5	100.0	<0.002	0.55	5.92	10.6	1	3.9	276	0.71	0.06	12.8	0.247	1.42	4.2
N810420		231	144.0	<0.002	0.67	14.30	10.7	1	4.3	102.0	0.70	0.08	14.0	0.244	2.37	5.3
N810421		52.4	113.0	<0.002	0.39	8.73	10.3	1	3.1	293	0.70	<0.05	13.5	0.257	1.38	3.6
N810422		9420	116.0	<0.002	7.08	220	8.0	2	9.4	113.5	0.46	0.49	8.1	0.184	2.24	5.1
N810423		224	111.0	<0.002	0.61	16.05	10.0	1	3.4	185.0	0.74	0.06	11.8	0.250	1.75	3.4
N810424		182.5	98.3	<0.002	0.55	9.80	10.3	1	3.8	187.0	0.68	0.05	12.0	0.227	1.82	4.0
N810425		571	119.0	<0.002	2.80	15.65	10.8	1	10.3	127.5	0.52	0.40	10.8	0.197	2.82	5.2
N810426		344	125.5	<0.002	0.94	21.5	8.8	1	7.3	78.9	0.44	0.17	11.6	0.164	2.27	3.2
N810427		184.5	117.0	<0.002	2.53	22.4	8.2	1	8.9	115.5	0.46	0.36	10.7	0.165	2.10	3.4
N810428		283	173.0	<0.002	1.79	16.10	9.1	2	15.4	22.7	0.49	0.12	11.5	0.172	2.78	3.2
N810429		326	164.5	0.002	4.07	34.6	11.0	2	16.5	129.0	0.60	0.80	12.7	0.204	2.80	5.8
N810430		2.5	2.8	<0.002	0.02	0.12	0.3	1	<0.2	39.9	<0.05	<0.05	<0.2	0.005	0.03	0.6
N810431		168.0	94.1	<0.002	1.07	9.81	12.2	2	9.9	167.0	0.75	0.20	13.8	0.256	1.76	4.0
N810432		72.0	79.5	<0.002	0.79	8.25	10.9	1	5.6	221	0.70	0.12	14.4	0.236	1.34	4.6
N810433		129.5	87.1	<0.002	1.09	7.91	11.2	2	7.5	258	0.69	0.15	11.9	0.234	1.81	4.7
N810434		127.5	97.5	<0.002	0.76	4.52	9.3	2	7.0	238	0.64	0.28	13.2	0.222	1.86	3.8
N810435		142.0	103.5	<0.002	1.23	3.40	6.8	2	4.0	97.2	0.37	0.24	9.1	0.128	1.84	3.0
N810436		9370	124.5	0.002	7.11	208	7.8	3	8.5	119.0	0.48	0.48	9.0	0.181	2.21	5.8
N810437		462	102.0	<0.002	2.43	19.25	9.9	2	5.8	103.5	0.48	0.38	12.1	0.174	2.03	4.7
N810438		57.5	102.5	<0.002	1.33	15.45	11.5	2	5.0	154.0	0.64	0.24	13.1	0.221	2.16	6.2
N810439		138.0	162.0	<0.002	1.89	5.91	10.7	2	6.8	106.5	0.63	0.17	13.4	0.218	2.72	4.1
N810440		224	217	<0.002	3.24	11.05	10.5	2	8.4	54.4	0.62	0.25	14.1	0.195	3.33	3.5
N810441		220	158.0	<0.002	0.67	11.35	11.2	2	5.8	91.6	0.64	0.11	14.4	0.194	2.89	5.4
N810442		>10000	100.5	<0.002	>10.0	71.9	6.7	5	27.0	261	0.38	76.9	37.8	0.117	2.20	5.6
N810443		34.4	4.2	<0.002	0.06	0.17	0.3	1	0.2	38.7	0.07	0.07	0.2	<0.005	0.03	0.6
N810444		152.0	133.0	<0.002	1.07	10.20	10.2	1	4.2	117.5	0.68	0.13	12.9	0.209	2.67	5.5
N810445		171.5	177.0	<0.002	5.51	19.30	9.7	2	11.4	62.9	0.54	1.21	11.5	0.174	2.57	3.4
N810446		126.5	133.5	<0.002	1.14	9.51	10.6	2	4.8	138.5	0.64	0.13	14.0	0.208	2.70	5.0
N810447		140.0	169.5	<0.002	4.88	17.40	9.4	1	8.7	55.5	0.57	1.08	11.5	0.186	2.78	3.0



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 Account: ROCKHA

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**CERTIFICATE OF ANALYSIS WH12164246**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N810412		68	1.9	14.0	264	34.9			
N810413		62	5.7	12.5	572	32.6			
N810414		68	1.6	15.2	178	36.8			
N810415		66	2.2	14.7	169	36.4			
N810416		63	2.5	14.8	251	31.6			
N810417		67	1.8	15.3	316	36.8			
N810418		66	2.8	15.1	496	35.3			
N810419		68	2.9	14.8	501	35.3			
N810420		66	4.6	17.0	2470	33.1			
N810421		69	2.5	15.0	425	35.4			
N810422		53	4.7	8.3	>10000	31.3	114		1.590
N810423		68	3.8	14.1	858	38.0			
N810424		61	2.9	16.4	418	36.0			
N810425		103	4.8	13.4	1690	24.9			
N810426		55	2.9	13.1	1680	23.0			
N810427		61	5.0	12.3	2550	22.3			
N810428		49	5.8	9.2	4940	21.8			
N810429		86	9.5	15.5	1100	27.5			
N810430		2	0.2	0.8	26	<0.5			
N810431		72	6.7	20.6	495	30.9			
N810432		61	2.4	17.6	305	29.6			
N810433		59	2.7	18.1	355	28.8			
N810434		51	2.7	13.9	713	30.5			
N810435		45	2.0	13.4	1200	18.8			
N810436		51	4.5	10.3	>10000	33.6	122		1.635
N810437		78	2.4	16.9	1340	24.1			
N810438		71	2.6	18.3	141	30.1			
N810439		58	2.5	14.8	450	27.1			
N810440		56	4.2	14.1	934	28.9			
N810441		56	2.1	18.0	1490	30.7			
N810442		46	3.5	15.1	7550	16.2	146	2.37	
N810443		2	0.1	0.9	33	<0.5			
N810444		59	4.3	18.7	643	30.1			
N810445		59	4.8	12.2	384	25.0			
N810446		60	3.1	16.6	591	29.3			
N810447		54	5.7	9.1	400	25.8			



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**CERTIFICATE OF ANALYSIS WH12164246**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12164247**

Project: Klaza - 83

P.O. No.: Batch 3

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

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12164247**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899581		3.12	0.009	0.97	7.45	14.7	2280	1.57	2.84	2.79	0.25	48.3	8.1	22	7.44	41.9
M899582		2.31	0.026	1.74	7.21	40.1	1660	1.65	2.64	2.96	2.37	40.2	8.4	18	12.25	54.5
M899583		4.36	0.008	0.21	7.37	8.5	2200	1.66	0.56	2.70	0.11	40.1	7.5	18	5.92	10.1
M899584		2.53	0.346	9.24	7.67	164.0	620	1.43	13.10	1.60	6.68	45.4	10.1	16	14.35	111.0
M899585		3.24	<0.005	0.09	0.07	<5	20	<0.05	0.02	22.2	0.06	0.96	0.6	1	0.17	2.0
M899586		4.77	0.025	0.18	7.37	6.4	2270	1.73	1.73	2.77	0.09	37.7	4.7	21	5.74	25.3
M899587		0.31	1.285	34.1	7.39	513	1170	1.88	1.22	0.29	30.4	69.7	5.8	18	3.29	125.0
M899588		5.59	0.005	0.24	7.35	10.3	2110	1.67	0.44	2.76	0.12	49.0	7.5	21	7.90	5.6
M899589		5.44	0.012	0.17	7.34	7.5	2390	1.52	0.56	2.89	0.18	45.8	8.9	21	5.99	13.1
M899590		<0.02	0.009	0.24	7.57	8.0	2380	1.58	0.55	2.88	0.17	45.4	8.5	24	5.99	10.8
M899591		2.97	0.016	0.44	6.86	12.6	2210	1.37	0.82	3.25	0.55	33.9	8.7	20	10.05	22.8
M899592		4.03	<0.005	0.14	7.26	4.7	2160	1.54	0.19	2.78	0.12	50.8	7.2	23	3.45	7.9
M899593		3.46	<0.005	0.09	7.36	6.3	2260	1.58	0.24	2.87	0.11	46.2	7.7	28	5.34	7.2
M899594		0.30	1.255	33.8	7.69	509	1230	1.85	1.23	0.30	30.7	70.7	5.8	18	3.29	124.0
M899595		2.42	0.007	0.21	7.34	5.4	2480	1.33	0.35	2.85	0.13	45.5	7.1	24	4.09	7.9
M899596		4.39	<0.005	0.18	7.21	6.2	2090	1.54	0.52	2.53	0.13	50.2	6.6	19	4.31	6.4
M899597		2.79	0.036	0.42	7.30	14.8	2300	1.54	1.99	2.28	0.26	45.4	14.0	22	5.63	83.6
M899598		4.37	0.011	0.13	7.52	7.0	2350	1.45	0.55	2.55	0.09	50.0	7.8	19	3.65	10.0
M899599		2.39	<0.005	0.11	7.33	4.0	2070	1.50	0.21	2.55	0.09	56.6	7.0	20	5.04	4.6
M899600		2.92	0.112	0.58	7.15	27.1	640	1.39	2.81	2.75	0.12	54.3	13.5	24	9.00	98.8
M899601		3.50	<0.005	0.02	0.08	<5	20	0.07	0.03	21.1	0.06	1.01	0.6	1	0.25	1.6
M899602		3.00	0.089	0.19	7.11	15.5	1490	1.20	1.55	2.57	0.05	52.6	14.2	18	6.71	32.2
M899603		2.57	0.016	0.14	7.78	6.8	2360	1.38	0.85	2.40	0.06	55.2	6.5	20	6.41	20.6
M899604		2.97	<0.005	0.13	7.42	5.9	2100	1.42	0.44	2.69	0.11	51.4	6.8	19	5.50	7.4
M899605		2.29	0.025	0.25	7.68	13.6	2610	1.40	0.98	2.37	0.14	50.2	24.7	19	4.34	57.6
M899606		4.98	0.018	0.15	7.65	8.6	2340	1.43	0.54	2.47	0.11	62.9	7.1	20	3.67	15.3
M899607		4.92	0.007	0.09	7.86	5.8	2210	1.37	0.58	2.67	0.09	53.3	7.7	15	5.33	6.3
M899608		4.64	0.015	0.12	8.22	7.9	2510	1.43	0.54	2.66	0.12	55.1	7.7	16	4.80	8.1
M899609		2.79	0.011	0.13	7.79	6.7	2040	1.41	0.72	2.93	0.10	56.0	7.6	14	6.83	19.7
M899610		1.56	0.015	0.15	8.27	7.0	2520	1.48	1.05	2.37	0.11	56.6	10.5	18	7.03	27.7
M899611		3.59	0.043	0.25	7.65	8.1	2160	1.43	0.59	2.85	0.14	49.5	8.2	16	7.69	16.3
M899612		2.11	0.011	0.19	7.59	15.0	2830	1.28	0.51	3.09	0.51	41.2	7.6	18	16.50	6.6
M899613		1.67	0.005	0.04	7.58	6.4	2690	1.38	0.40	2.67	0.12	38.2	4.9	15	9.88	6.7
M899614		1.83	0.021	0.27	7.21	14.5	1870	1.35	1.76	2.77	0.14	46.4	10.5	17	14.20	13.4
M899615		1.56	0.010	0.13	7.58	8.0	2190	1.56	1.99	2.66	0.09	52.9	9.7	16	7.59	16.6
M899616		0.74	0.010	0.14	7.61	6.5	2100	1.58	1.54	2.68	0.08	53.5	8.9	17	7.93	13.2



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Finalized Date: 4-AUG-2012  
Account: ROCKHA

Project: Klaza - 83

**CERTIFICATE OF ANALYSIS WH12164247**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899581		3.49	16.05	0.11	0.8	0.155	2.70	23.3	11.7	0.86	609	1.71	1.98	7.7	3.2	630
M899582		3.76	16.00	0.11	0.8	0.149	3.08	17.5	11.1	0.94	1770	1.42	1.11	7.0	2.7	600
M899583		3.26	15.55	0.09	1.0	0.078	2.64	19.0	13.2	0.88	577	1.67	2.05	8.1	2.7	640
M899584		4.82	17.05	0.12	0.8	0.755	3.48	22.5	15.5	0.65	2040	2.91	0.18	6.9	2.8	570
M899585		0.50	0.21	0.08	<0.1	<0.005	0.03	0.5	1.0	13.15	232	0.16	0.01	0.1	1.6	180
M899586		3.32	15.85	0.14	1.0	0.110	2.84	17.9	10.9	0.82	507	2.15	2.07	7.6	2.7	620
M899587		5.53	22.1	0.18	2.3	0.206	3.53	32.2	23.8	0.28	1020	5.54	0.07	11.1	6.8	1680
M899588		3.12	15.90	0.13	1.0	0.058	2.87	23.1	12.5	0.81	552	2.24	1.94	7.5	2.8	590
M899589		3.62	16.55	0.12	0.9	0.108	2.76	21.9	13.3	0.93	612	2.76	2.13	8.1	3.4	660
M899590		3.63	16.30	0.12	1.0	0.099	2.81	21.5	12.9	0.95	612	2.72	2.18	8.0	3.1	670
M899591		3.31	15.65	0.11	0.8	0.137	2.76	16.3	12.2	0.78	669	12.85	1.77	7.4	3.2	610
M899592		3.14	15.40	0.12	0.9	0.043	2.55	23.7	9.9	0.93	605	1.89	2.38	7.5	3.5	650
M899593		3.09	16.20	0.09	0.8	0.058	2.57	22.4	10.2	0.88	587	1.98	2.31	7.7	3.0	650
M899594		5.67	22.3	0.16	2.4	0.224	3.42	32.4	24.0	0.29	1060	5.66	0.07	11.5	6.5	1750
M899595		3.14	16.20	0.12	0.8	0.080	2.61	22.2	9.3	0.92	554	2.11	2.18	7.8	2.9	660
M899596		3.15	15.05	0.11	0.8	0.055	2.75	24.9	9.8	0.88	560	1.56	2.14	7.4	2.4	590
M899597		3.77	15.25	0.10	0.9	0.155	2.97	22.8	11.0	0.90	545	2.12	1.74	6.8	2.8	570
M899598		3.14	15.60	0.13	1.0	0.047	2.63	25.8	10.1	0.87	504	1.72	2.26	7.1	2.8	600
M899599		3.18	16.15	0.10	0.9	0.032	2.78	28.8	10.1	0.86	522	1.83	2.24	8.1	2.7	630
M899600		3.73	15.90	0.16	1.1	0.236	4.04	26.3	9.6	0.64	532	2.36	0.50	7.2	3.4	560
M899601		0.46	0.22	0.07	<0.1	<0.005	0.04	0.5	1.1	12.40	206	0.13	0.01	0.1	1.6	190
M899602		3.72	15.15	0.14	1.0	0.140	3.66	25.9	8.6	0.82	421	3.13	1.40	6.3	3.6	600
M899603		3.52	16.10	0.15	1.1	0.070	3.11	27.9	8.9	0.89	436	1.74	2.00	7.7	2.6	630
M899604		3.33	15.80	0.15	0.9	0.053	2.76	25.0	10.2	0.88	508	1.49	2.25	7.6	2.8	600
M899605		3.57	16.05	0.12	0.8	0.111	3.11	25.7	9.3	0.89	522	1.45	2.11	7.4	3.9	610
M899606		3.18	17.00	0.10	1.2	0.100	2.87	32.8	7.9	0.87	532	9.11	2.11	8.3	3.0	620
M899607		3.23	18.00	0.11	1.0	0.065	2.65	27.2	9.5	0.86	488	2.72	2.28	8.4	2.9	640
M899608		3.30	18.15	0.09	0.8	0.069	2.82	28.7	8.9	0.97	559	2.54	2.33	8.2	3.2	670
M899609		3.35	17.90	0.10	0.9	0.082	2.60	28.2	11.0	0.95	508	2.02	2.22	8.2	3.2	630
M899610		3.82	18.10	0.11	1.0	0.067	2.75	29.1	14.8	1.01	436	2.01	2.14	9.3	3.5	740
M899611		3.41	18.75	0.10	0.9	0.063	2.65	24.4	11.5	0.89	597	2.01	2.19	8.7	3.5	670
M899612		3.63	18.40	0.11	0.8	0.075	2.77	20.1	17.3	1.02	1000	1.72	0.40	8.1	3.1	660
M899613		2.44	17.45	0.08	0.9	0.046	3.07	18.4	13.4	0.70	453	2.35	1.80	8.0	2.9	660
M899614		3.23	17.15	0.10	0.9	0.086	2.65	23.8	19.0	0.78	560	2.95	1.04	7.7	3.1	620
M899615		3.45	16.00	0.10	0.9	0.083	2.58	26.5	9.7	0.84	475	2.22	2.12	7.8	3.7	640
M899616		3.40	15.70	0.11	0.9	0.068	2.50	26.8	9.6	0.80	471	1.77	2.09	7.4	3.4	630



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**CERTIFICATE OF ANALYSIS WH12164247**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899581		18.0	106.5	<0.002	0.30	3.87	10.9	1	2.0	371	0.60	0.08	13.9	0.271	1.48	3.6
M899582		71.5	109.0	<0.002	0.59	4.88	9.6	1	2.0	256	0.57	0.08	9.3	0.264	2.23	3.1
M899583		17.0	94.8	<0.002	0.19	1.43	10.9	1	2.0	392	0.75	<0.05	11.1	0.268	1.16	3.8
M899584		375	200	<0.002	2.91	16.10	10.6	1	5.5	86.8	0.57	0.71	12.1	0.246	2.83	3.5
M899585		1.6	1.3	<0.002	0.01	0.05	0.2	<1	<0.2	37.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M899586		15.5	104.0	<0.002	0.24	1.74	10.2	<1	1.9	373	0.69	0.11	12.0	0.269	1.49	4.1
M899587		3890	171.5	0.003	0.58	62.7	14.2	3	19.8	372	0.70	0.29	6.7	0.439	1.86	3.3
M899588		21.2	108.5	<0.002	0.26	1.69	10.5	<1	1.9	345	0.68	0.05	12.8	0.253	1.46	4.4
M899589		17.8	95.0	<0.002	0.24	1.68	11.3	<1	2.0	388	0.61	0.05	10.7	0.293	1.28	2.7
M899590		17.9	97.3	0.003	0.23	1.62	11.1	1	2.0	395	0.62	0.06	11.0	0.299	1.43	3.1
M899591		27.3	93.7	0.004	0.36	1.88	9.9	1	2.0	339	0.57	0.09	10.3	0.265	1.50	3.4
M899592		16.7	83.2	0.002	0.01	0.81	10.8	1	1.5	394	0.64	<0.05	12.3	0.271	0.89	3.2
M899593		16.4	95.4	<0.002	0.04	0.84	10.9	<1	1.7	396	0.54	0.05	10.8	0.275	1.08	2.4
M899594		4050	175.0	0.004	0.61	63.8	14.5	4	19.7	385	0.75	0.32	7.1	0.428	2.07	3.4
M899595		17.5	90.4	0.003	0.09	1.05	11.3	1	1.9	406	0.51	<0.05	11.3	0.276	1.11	2.3
M899596		18.6	96.8	<0.002	0.06	3.12	10.5	1	1.6	377	0.58	<0.05	12.6	0.253	1.14	3.4
M899597		18.2	124.5	<0.002	0.71	1.77	9.8	1	1.9	315	0.64	0.10	12.6	0.242	1.81	4.9
M899598		17.2	103.5	<0.002	0.13	1.06	9.8	1	1.5	413	0.64	<0.05	15.2	0.239	1.08	5.1
M899599		17.0	93.6	<0.002	0.03	1.33	11.4	1	1.6	392	0.63	<0.05	16.0	0.275	1.04	3.6
M899600		16.6	183.0	<0.002	1.91	5.89	9.7	<1	3.4	137.5	0.71	0.72	12.2	0.228	2.53	4.2
M899601		1.4	1.9	<0.002	<0.01	<0.05	0.3	1	0.2	39.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M899602		11.8	144.5	<0.002	1.56	1.76	10.0	1	2.6	187.0	0.52	0.28	11.5	0.237	2.02	3.2
M899603		13.1	131.0	<0.002	0.67	2.00	10.7	<1	2.4	293	0.63	0.16	14.9	0.266	1.58	3.3
M899604		19.2	94.6	<0.002	0.14	1.39	10.2	<1	1.9	387	0.58	0.09	13.1	0.272	1.26	3.8
M899605		19.3	135.5	<0.002	0.47	1.51	10.6	1	2.3	367	0.54	0.24	12.8	0.250	1.56	3.1
M899606		21.1	119.0	<0.002	0.15	1.73	11.6	1	2.2	385	0.82	0.05	18.0	0.259	1.25	5.6
M899607		16.8	121.5	<0.002	0.41	1.61	12.3	1	2.2	385	0.68	0.10	14.5	0.274	1.28	4.2
M899608		19.7	115.5	<0.002	0.32	1.06	12.5	1	2.0	438	0.63	0.12	13.2	0.282	1.14	4.0
M899609		19.7	108.5	<0.002	0.61	1.44	13.0	2	2.3	392	0.69	0.15	13.9	0.279	1.18	3.9
M899610		19.3	124.5	<0.002	1.21	1.74	13.4	2	2.5	367	0.76	0.17	13.0	0.306	1.39	4.2
M899611		19.2	107.5	<0.002	0.40	1.92	12.1	1	2.1	401	0.70	0.10	12.1	0.280	1.29	3.5
M899612		29.2	118.5	<0.002	0.46	5.09	12.0	1	2.6	152.5	0.63	0.06	9.6	0.275	1.79	2.9
M899613		16.5	142.0	<0.002	0.09	11.70	12.1	1	1.7	371	0.64	<0.05	9.1	0.276	1.84	2.8
M899614		17.1	111.5	<0.002	0.57	8.16	11.6	1	2.1	248	0.61	0.48	10.6	0.260	1.46	3.0
M899615		15.4	95.6	0.002	0.44	2.08	11.1	1	2.2	371	0.60	0.86	10.4	0.283	1.28	3.0
M899616		15.7	95.7	0.003	0.41	1.84	10.9	<1	2.2	374	0.56	0.45	11.6	0.275	1.29	3.3



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**CERTIFICATE OF ANALYSIS WH12164247**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899581		76	0.8	15.1	51	16.7
M899582		75	2.1	12.7	249	16.6
M899583		77	0.8	16.4	40	19.3
M899584		75	4.9	11.3	558	16.8
M899585		5	0.1	0.7	15	<0.5
M899586		76	1.0	14.9	38	17.4
M899587		143	3.5	17.6	2370	61.8
M899588		73	1.9	15.2	39	20.1
M899589		82	1.3	16.5	47	20.4
M899590		84	1.4	16.2	47	19.4
M899591		75	2.3	13.3	67	18.1
M899592		78	0.6	15.7	42	18.1
M899593		77	0.6	15.7	41	18.7
M899594		138	3.7	18.1	2300	65.5
M899595		78	0.6	15.4	43	19.1
M899596		72	0.5	15.6	42	17.4
M899597		71	1.2	13.7	61	17.5
M899598		66	0.5	15.1	34	20.0
M899599		80	0.7	16.0	38	21.0
M899600		69	2.9	13.3	28	20.4
M899601		5	0.1	0.7	13	<0.5
M899602		69	1.8	15.0	28	19.4
M899603		75	1.2	16.6	35	22.7
M899604		75	1.1	15.1	38	19.3
M899605		70	1.5	15.7	37	18.8
M899606		75	2.7	19.8	40	24.0
M899607		79	2.6	19.3	39	23.0
M899608		82	4.5	18.9	42	20.7
M899609		81	1.4	19.7	39	21.1
M899610		89	1.8	19.8	44	24.2
M899611		81	3.9	17.9	47	21.4
M899612		79	3.5	15.1	98	19.1
M899613		80	2.2	13.7	41	21.0
M899614		76	2.2	15.2	46	20.1
M899615		78	2.2	14.5	40	19.4
M899616		76	2.2	14.3	39	18.1



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**CERTIFICATE OF ANALYSIS WH12164247**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12164248**

Project: Klaza - 85

P.O. No.: Batch 1

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

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12164248**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899617		4.07	<0.005	0.03	6.69	6.2	1980	1.24	0.29	3.20	0.16	45.0	7.1	7	38.8	22.9
M899618		4.58	0.588	1.13	6.94	112.5	1000	1.35	0.48	2.01	7.45	46.3	7.0	7	21.6	50.7
M899619		4.22	<0.005	0.04	7.49	11.1	1980	1.56	0.28	2.44	0.21	52.6	7.1	8	20.7	26.4
M899620		2.41	<0.005	0.04	7.28	12.2	1890	1.59	0.33	2.39	0.22	52.6	7.5	9	22.1	27.2
M899621		10.87	0.006	0.12	7.23	3.7	2120	1.70	0.25	2.72	1.09	55.9	7.6	10	15.50	31.5
M899622		7.25	0.005	0.09	7.09	4.7	2140	1.59	0.26	2.83	0.24	53.3	6.9	8	20.5	23.4
M899623		3.33	0.042	0.68	7.14	41.1	2190	1.63	0.73	2.08	2.87	53.0	6.8	7	21.7	58.5
M899624		3.31	0.059	1.14	7.41	72.0	1610	1.48	0.86	2.30	4.82	54.7	7.5	8	21.8	24.3
M899625		0.26	0.600	9.07	6.68	1805	520	1.35	6.58	1.95	39.4	43.2	16.2	18	16.05	113.0
M899626		5.17	<0.005	0.15	7.18	8.2	2320	1.65	0.30	2.83	0.17	42.7	7.8	11	14.80	15.2
M899627		3.37	0.042	0.88	6.92	16.8	1870	1.57	1.31	3.10	6.87	49.3	7.3	8	21.1	22.6
M899628		5.44	<0.005	0.16	7.70	18.7	2230	1.77	0.21	2.39	0.23	44.3	6.1	9	26.7	15.8
M899629		6.84	0.005	0.50	6.84	43.4	1380	1.36	0.23	1.97	9.37	37.2	5.7	9	13.40	13.5
M899630		3.61	<0.005	0.17	6.54	31.0	1750	1.26	0.21	3.56	0.85	36.3	5.8	9	15.50	9.0
M899631		4.04	<0.005	0.20	7.80	12.6	1810	1.31	0.18	1.33	0.59	38.5	5.9	9	24.1	12.6
M899632		6.28	0.005	0.44	5.23	11.8	1050	1.59	0.30	1.73	2.45	68.7	3.9	6	11.35	17.1
M899633		3.59	0.244	5.49	4.50	138.5	310	1.43	2.13	2.27	51.8	56.3	46.2	7	8.90	162.5
M899634		8.14	0.010	0.46	7.19	18.4	1670	1.70	0.21	2.61	3.10	46.7	5.3	9	20.1	15.6
M899635		8.81	<0.005	0.22	7.20	8.5	1900	1.56	0.15	2.46	2.54	43.9	7.3	11	19.80	5.6
M899636		4.27	0.068	0.98	6.91	39.2	1790	1.76	0.22	2.53	20.4	41.9	6.9	9	22.0	21.7
M899637		4.73	0.005	0.21	5.18	18.9	240	3.58	0.65	1.84	0.61	11.75	0.9	2	16.20	2.8
M899638		0.28	0.843	10.20	6.36	1830	350	1.54	6.09	1.88	42.6	41.9	16.6	20	15.60	106.0
M899639		4.62	<0.005	0.13	5.94	11.1	280	3.52	0.23	1.04	0.12	13.70	0.3	2	18.45	1.4
M899640		10.96	<0.005	0.05	5.72	14.6	210	3.52	0.26	1.23	0.09	11.80	0.1	2	18.40	0.8
M899641		9.38	0.007	0.28	5.29	29.8	250	3.96	0.43	1.82	1.10	11.55	0.4	2	20.5	4.1
M899642		4.56	0.112	1.88	6.77	68.1	1160	3.17	1.68	2.54	13.15	41.4	5.9	8	20.2	83.2
M899643		3.38	<0.005	0.08	0.09	<5	20	0.08	0.03	21.8	0.09	1.20	0.7	1	0.35	2.1
M899644		3.54	0.063	2.26	6.75	86.8	1230	1.92	1.33	2.64	9.47	69.6	5.6	9	15.65	50.7
M899645		3.49	0.064	3.99	7.06	104.5	1530	1.84	0.61	3.32	15.60	50.7	6.1	8	21.7	34.8
M899646		6.75	0.065	2.33	7.45	128.5	1270	1.50	0.56	2.40	10.65	48.0	6.8	10	21.9	22.8
M899647		3.67	<0.005	0.10	0.18	<5	40	0.09	0.03	21.2	0.07	1.24	1.1	3	0.35	2.1
M899648		11.74	0.119	1.65	7.39	90.4	1710	1.58	1.62	2.12	4.18	46.7	6.0	11	21.2	37.4
M899649		4.49	0.016	0.24	7.69	12.1	1980	1.53	0.31	3.13	0.16	46.8	5.7	11	13.65	6.8
M899650		<0.02	0.016	0.20	7.57	12.5	1980	1.59	0.33	3.08	0.14	49.3	5.4	11	13.95	7.3
N810001		9.79	0.017	0.35	7.32	21.0	2290	1.55	0.62	1.60	2.02	35.6	5.4	11	16.50	5.2
N810002		6.21	0.177	1.60	6.73	47.3	1950	1.77	1.63	1.87	23.2	48.0	6.0	9	20.7	14.9





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Account: ROCKHA

Project: Klaza - 85

**CERTIFICATE OF ANALYSIS WH12164248**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899617		2.95	15.90	0.09	1.3	0.049	2.61	20.8	55.1	0.63	612	1.41	0.94	8.7	2.8	580
M899618		3.29	15.30	0.10	1.2	0.275	2.09	22.3	86.8	0.62	1090	1.36	0.08	8.2	2.8	560
M899619		3.07	16.70	0.15	1.3	0.054	2.68	25.0	35.3	0.59	658	1.51	1.65	9.3	2.9	620
M899620		3.13	16.70	0.14	1.4	0.061	2.62	24.6	32.4	0.61	673	1.76	1.59	9.7	3.3	630
M899621		3.03	16.65	0.14	1.3	0.057	2.71	26.9	15.3	0.71	620	2.10	2.28	9.4	3.2	600
M899622		3.18	15.80	0.15	1.2	0.053	2.75	26.3	15.3	0.64	528	2.14	1.62	9.0	3.0	580
M899623		3.25	15.20	0.14	1.1	0.270	2.79	27.5	22.5	0.58	516	2.28	1.30	8.0	2.9	560
M899624		4.37	15.15	0.16	1.1	0.100	3.10	28.3	23.6	0.62	1540	3.39	0.82	7.9	2.7	580
M899625		5.44	14.30	0.15	1.4	0.929	2.95	21.5	22.7	0.71	2010	11.00	0.27	7.8	17.4	500
M899626		3.17	17.15	0.10	1.2	0.063	2.96	22.0	11.0	0.65	586	19.20	2.12	8.7	2.8	630
M899627		4.02	15.95	0.13	1.1	0.161	2.64	25.8	20.4	0.53	661	11.75	1.04	7.7	2.4	550
M899628		3.31	16.25	0.13	1.2	0.050	2.74	23.2	18.1	0.59	423	2.86	1.53	8.5	2.6	630
M899629		2.52	16.35	0.12	1.3	0.100	2.50	17.7	37.3	0.45	431	2.95	0.26	8.1	2.4	540
M899630		3.05	16.35	0.16	1.2	0.051	2.71	17.2	25.4	0.41	580	2.90	0.27	8.0	2.4	570
M899631		2.75	16.75	0.13	1.2	0.055	2.75	19.2	36.8	0.42	608	2.21	0.09	8.2	2.2	650
M899632		1.63	10.25	0.12	2.3	0.084	2.41	42.1	15.2	0.63	805	3.85	0.04	5.4	1.3	70
M899633		5.54	10.55	0.14	1.0	0.765	2.04	36.1	30.9	0.92	1520	9.39	0.04	4.1	4.0	220
M899634		3.23	17.40	0.14	1.1	0.097	2.51	23.3	20.0	0.49	728	4.51	1.07	8.5	2.3	610
M899635		3.25	16.80	0.12	1.2	0.068	2.66	22.4	18.0	0.61	777	3.04	1.82	8.0	2.5	590
M899636		3.74	15.55	0.16	1.1	0.190	2.96	21.3	23.9	0.65	1260	3.44	1.03	7.6	2.5	570
M899637		0.70	18.60	0.09	2.9	0.048	2.08	5.0	117.0	0.20	634	1.11	0.05	25.4	0.6	50
M899638		5.27	15.30	0.14	1.4	0.912	2.84	21.9	25.9	0.70	2000	12.10	0.27	7.6	15.7	480
M899639		0.55	18.05	0.08	3.3	0.022	1.91	6.1	121.0	0.13	442	0.32	0.03	24.8	0.6	30
M899640		0.50	20.6	0.07	3.4	0.035	1.72	4.7	172.0	0.16	566	0.35	0.03	28.4	0.4	10
M899641		0.64	18.35	0.09	3.1	0.046	2.37	4.9	112.0	0.19	592	1.24	0.05	26.1	0.5	30
M899642		3.53	16.65	0.14	1.3	1.205	3.36	22.0	34.1	0.68	1860	13.95	0.06	12.7	2.8	510
M899643		0.52	0.27	0.07	<0.1	0.008	0.04	0.6	1.4	13.30	234	0.21	0.01	0.2	1.9	190
M899644		3.70	15.45	0.15	1.1	0.481	3.08	40.7	15.0	1.01	2680	3.13	0.05	7.4	2.8	520
M899645		4.64	15.50	0.14	1.0	0.515	3.07	27.4	17.4	1.47	2690	4.73	0.03	7.3	2.7	520
M899646		4.36	16.20	0.17	1.1	0.445	3.04	26.3	37.6	0.97	2840	2.50	0.05	7.2	2.6	560
M899647		0.50	0.39	0.05	<0.1	0.005	0.08	0.6	1.5	13.05	219	0.15	0.01	0.3	2.5	190
M899648		4.12	18.05	0.14	1.1	0.248	3.09	24.7	25.4	0.69	1090	2.76	0.93	8.5	2.9	630
M899649		3.00	17.05	0.14	1.1	0.052	3.07	23.7	14.6	0.66	588	2.81	1.57	8.0	2.6	620
M899650		3.01	17.00	0.15	1.2	0.057	2.99	24.5	15.2	0.65	583	2.81	1.57	8.2	2.7	620
N810001		2.40	17.15	0.13	1.1	0.096	3.29	16.7	47.8	0.65	589	4.37	0.06	7.4	2.6	600
N810002		3.42	15.70	0.14	1.0	1.090	2.47	24.7	65.5	0.77	1000	5.59	0.04	7.4	3.4	570



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**CERTIFICATE OF ANALYSIS WH12164248**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899617		22.0	94.1	<0.002	0.02	3.29	11.6	2	2.2	231	0.76	<0.05	12.5	0.255	1.30	4.2
M899618		112.5	73.7	<0.002	0.49	38.0	10.8	2	2.5	110.5	0.77	0.21	13.1	0.240	1.42	6.6
M899619		20.2	103.0	<0.002	0.03	12.75	12.0	2	2.3	296	0.83	<0.05	13.6	0.264	1.25	4.0
M899620		19.2	102.0	<0.002	0.05	12.30	12.6	2	2.5	282	0.84	<0.05	13.6	0.269	1.29	4.5
M899621		73.8	106.0	<0.002	0.02	1.73	12.4	2	2.6	366	0.82	<0.05	14.1	0.263	1.21	4.8
M899622		24.8	104.0	<0.002	0.02	4.52	11.4	2	2.6	294	0.77	<0.05	13.7	0.254	1.25	8.5
M899623		76.0	116.0	<0.002	0.44	8.26	10.9	2	2.7	249	0.70	<0.05	14.0	0.240	1.55	4.0
M899624		444	130.0	<0.002	0.56	6.52	10.7	2	3.5	184.0	0.70	0.05	14.3	0.247	2.15	9.6
M899625		1365	139.5	0.002	3.16	33.3	8.8	2	5.8	144.5	0.68	0.27	12.2	0.212	2.61	5.8
M899626		19.0	104.0	0.002	0.08	3.70	10.5	<1	2.6	345	0.66	<0.05	10.1	0.277	1.28	3.5
M899627		107.0	105.0	0.004	0.21	5.87	8.8	1	2.9	200	0.61	<0.05	10.3	0.253	1.43	10.5
M899628		18.2	110.0	0.002	0.04	4.41	11.1	<1	2.5	299	0.66	<0.05	12.6	0.281	1.18	3.4
M899629		132.0	101.5	<0.002	0.12	13.55	8.4	<1	2.5	110.5	0.76	0.05	11.0	0.240	1.46	3.1
M899630		25.9	92.3	<0.002	0.03	6.57	8.8	<1	2.6	121.5	0.65	<0.05	10.1	0.257	1.26	5.4
M899631		33.7	110.0	0.002	0.01	17.00	11.1	1	3.0	107.0	0.62	<0.05	11.5	0.289	1.21	2.3
M899632		107.0	145.5	0.002	0.19	12.60	2.1	<1	1.4	59.1	1.11	<0.05	32.9	0.040	1.91	7.0
M899633		1050	139.5	0.004	3.86	55.5	3.8	1	7.2	43.5	0.46	0.22	8.8	0.094	1.55	4.3
M899634		120.5	105.5	<0.002	0.08	10.15	11.0	1	3.4	203	0.61	<0.05	10.6	0.270	1.42	3.4
M899635		158.5	115.0	<0.002	0.07	2.84	10.5	1	2.7	320	0.60	<0.05	10.9	0.265	1.50	3.2
M899636		519	134.0	0.003	0.34	5.09	9.5	1	2.6	252	0.55	<0.05	11.0	0.246	2.08	5.6
M899637		60.4	129.5	<0.002	0.06	6.67	2.9	1	3.0	152.0	2.24	<0.05	13.5	0.050	1.50	9.5
M899638		1310	156.5	0.002	3.11	34.8	8.7	2	6.1	150.5	0.58	0.32	11.3	0.210	2.57	5.0
M899639		40.1	145.0	<0.002	0.01	5.73	2.7	1	2.7	75.4	2.35	<0.05	18.8	0.033	1.23	3.5
M899640		41.8	123.5	<0.002	0.01	6.24	2.9	1	3.0	76.8	2.47	<0.05	16.2	0.032	1.11	5.0
M899641		82.9	149.0	<0.002	0.05	4.90	2.7	<1	3.1	153.0	2.27	<0.05	14.5	0.038	1.63	12.9
M899642		301	203	0.002	0.91	13.25	9.3	1	5.5	197.5	0.70	0.05	11.5	0.215	2.77	30.9
M899643		1.9	2.6	0.002	0.01	0.11	0.4	<1	0.2	43.4	<0.05	<0.05	<0.2	<0.005	0.03	0.4
M899644		557	189.0	<0.002	0.88	9.07	9.6	1	6.0	115.5	0.55	0.06	11.8	0.220	2.71	7.3
M899645		482	188.0	0.002	0.83	14.05	9.7	1	6.0	133.5	0.54	<0.05	12.7	0.228	3.37	14.5
M899646		491	168.5	0.002	0.69	13.05	9.7	1	5.4	131.5	0.56	0.05	13.1	0.247	2.62	8.9
M899647		2.3	2.8	<0.002	0.02	0.10	0.3	<1	0.2	39.3	<0.05	<0.05	<0.2	0.008	0.04	0.4
M899648		137.0	148.5	<0.002	0.80	8.47	11.5	1	5.4	200	0.60	0.10	11.8	0.269	1.98	3.7
M899649		16.9	148.5	<0.002	0.14	4.68	10.7	1	2.7	284	0.61	<0.05	12.5	0.271	1.80	3.8
M899650		17.3	145.5	<0.002	0.14	4.73	11.0	1	2.6	280	0.63	<0.05	12.6	0.272	1.81	3.7
N810001		126.5	158.0	<0.002	0.16	18.00	10.5	1	2.5	76.7	0.59	<0.05	11.6	0.267	2.26	6.2
N810002		426	103.5	<0.002	0.60	19.50	10.6	1	3.3	110.0	0.53	0.07	11.2	0.232	1.75	8.0



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899617		69	5.6	18.1	56	36.6
M899618		66	3.4	17.6	556	32.9
M899619		71	1.5	20.1	56	37.1
M899620		74	1.6	20.6	57	38.0
M899621		73	1.5	21.5	116	35.4
M899622		68	5.4	21.4	69	33.5
M899623		66	1.8	16.9	260	30.9
M899624		66	6.6	17.6	441	30.0
M899625		58	5.3	12.4	3050	40.2
M899626		73	1.7	14.8	49	33.8
M899627		65	3.4	16.5	510	27.8
M899628		75	2.9	15.3	67	32.3
M899629		64	3.2	11.8	587	34.0
M899630		68	2.2	16.6	162	31.4
M899631		76	4.7	13.0	90	31.0
M899632		11	2.2	12.0	184	49.7
M899633		32	4.0	11.1	4200	23.3
M899634		72	2.1	16.2	282	29.8
M899635		72	1.7	14.1	214	29.4
M899636		66	2.5	13.3	1340	26.0
M899637		6	2.2	11.1	81	56.1
M899638		56	5.4	10.6	3000	43.1
M899639		1	1.6	10.1	40	53.9
M899640		<1	1.7	12.1	38	59.7
M899641		3	1.9	11.0	117	59.2
M899642		63	4.6	14.3	1410	32.7
M899643		3	0.1	0.8	16	0.5
M899644		64	5.0	13.0	1040	28.6
M899645		63	5.4	13.2	1420	26.3
M899646		64	3.3	13.8	961	27.4
M899647		4	0.1	0.7	14	<0.5
M899648		73	3.9	14.1	360	32.6
M899649		73	1.5	15.3	45	27.4
M899650		72	1.6	15.3	46	29.4
N810001		74	2.4	12.4	188	26.2
N810002		69	3.3	13.9	1590	25.9



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**CERTIFICATE OF ANALYSIS WH12164248**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Project: Klaza - 86

P.O. No.: Batch 1

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

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12164249**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M895549		2.11	<0.005	0.16	7.16	8.8	2680	1.73	0.36	2.58	0.32	41.5	5.5	11	10.20	11.5
M895550		1.77	0.033	0.14	7.35	6.8	2150	1.62	1.56	2.35	0.48	45.0	6.0	13	12.55	6.8
N811001		2.09	<0.005	0.26	7.32	19.0	2330	1.75	0.50	2.93	0.83	41.2	5.8	11	13.40	8.9
N811002		2.02	0.013	0.90	6.56	13.8	2030	1.46	8.13	3.23	0.45	36.6	6.9	10	14.50	23.6
N811003		3.24	<0.005	0.11	7.38	5.8	2170	1.62	0.35	2.55	0.14	44.6	5.7	13	11.25	3.1
N811004		0.26	2.37	24.5	5.99	2960	1140	1.28	18.95	2.19	77.5	40.2	10.1	20	12.80	433
N811005		1.66	<0.005	0.13	6.71	7.8	1850	1.43	0.30	2.69	0.19	45.1	8.6	10	10.90	3.2
N811006		1.91	0.212	1.66	6.76	89.9	1460	1.51	1.05	2.97	8.79	41.0	9.9	9	13.65	8.1
N811007		2.16	<0.005	0.03	0.11	<5	20	0.06	0.04	21.0	0.06	1.03	0.8	3	0.48	1.9
N811008		4.53	<0.005	0.21	7.16	15.5	2450	1.67	0.96	2.17	0.27	45.7	5.9	9	14.30	9.1
N811009		5.25	<0.005	0.14	6.65	10.3	2000	1.69	0.28	2.55	0.96	38.2	5.8	11	11.30	10.3
N811010		1.77	0.292	1.01	7.01	50.6	1740	1.68	0.78	2.46	22.1	39.6	7.2	9	15.70	25.3
N811011		2.66	<0.005	0.06	6.62	12.3	1150	2.04	0.27	3.11	0.16	50.3	4.8	12	19.20	3.5
N811012		5.98	<0.005	0.03	6.45	11.5	1210	2.24	0.11	3.45	0.11	48.9	4.6	18	20.4	2.6
N811013		<0.02	<0.005	0.03	6.39	12.5	1210	2.34	0.10	3.42	0.10	48.4	4.7	17	20.7	2.2
N811014		4.06	<0.005	0.04	7.08	20.2	1430	2.03	0.25	2.83	0.10	56.6	4.2	8	21.4	6.7
N811015		0.26	0.776	8.85	6.80	1545	1100	1.32	7.35	1.90	42.9	41.9	15.2	20	16.10	106.5
N811016		2.96	<0.005	0.16	7.50	116.0	2630	1.94	0.20	2.68	0.18	68.8	4.7	8	28.0	15.5
N811017		2.12	<0.005	0.11	7.12	11.3	1550	1.70	0.19	2.76	0.44	63.9	4.9	12	25.6	9.8
N811018		2.24	0.021	0.68	6.68	39.2	2480	1.29	0.84	2.34	5.61	39.9	10.0	10	15.75	18.4
N811019		2.67	<0.005	0.05	0.13	<5	30	0.10	0.03	19.75	0.08	1.09	0.6	2	1.93	1.7
N811020		1.87	0.018	1.28	7.15	183.5	1750	1.23	1.66	2.23	4.38	48.3	9.3	9	14.20	41.4
N811021		3.06	0.007	1.29	7.57	14.8	2390	1.16	0.91	2.59	0.32	48.1	4.6	9	14.75	17.2
N811022		1.72	0.030	0.51	7.22	31.0	2060	1.31	1.43	2.46	0.39	41.4	6.3	9	9.10	22.9
N811023		2.07	0.056	1.90	7.11	230	1330	1.21	2.82	2.62	9.15	53.2	11.8	10	9.48	32.1
N811024		1.93	0.006	0.53	8.00	14.2	2890	1.40	1.01	2.34	0.78	54.3	8.8	10	9.29	15.8
N811025		2.31	0.006	0.27	7.60	10.3	2330	1.24	0.42	2.65	0.27	39.9	7.6	12	5.26	36.9
N811026		1.23	0.009	0.37	7.94	14.3	2400	1.41	0.42	2.65	0.19	51.9	6.3	12	6.15	67.5
N811027		3.92	0.005	0.25	7.87	31.4	2280	1.59	0.51	2.28	0.34	54.8	6.6	13	5.74	34.7
N811028		3.54	0.010	0.15	7.65	15.3	2170	1.26	0.40	2.32	0.27	50.8	8.2	12	5.69	12.8
N811029		3.46	<0.005	0.20	7.27	13.1	2100	1.58	1.10	2.44	0.22	48.3	11.7	11	5.84	5.7
N811030		3.66	<0.005	0.10	7.17	10.5	2110	1.27	0.34	2.65	0.39	42.1	7.4	11	5.71	5.8
N811031		3.94	<0.005	0.13	7.63	9.8	2770	1.40	0.44	2.35	0.24	50.2	5.3	11	4.46	4.7
N811032		3.65	0.009	0.30	7.59	27.8	2150	1.49	0.44	2.55	0.39	48.1	4.7	12	5.75	8.0
N811033		2.06	0.017	0.35	7.26	19.0	2060	1.40	0.60	2.41	0.28	49.1	10.8	11	7.10	6.7
N811034		3.09	<0.005	0.12	7.58	8.2	1950	1.65	0.36	2.52	0.20	56.2	7.3	11	9.81	5.4



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**CERTIFICATE OF ANALYSIS WH12164249**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M895549		2.94	15.05	0.09	1.3	0.051	2.69	18.7	14.4	0.65	584	1.12	1.91	7.6	2.9	540
M895550		2.99	15.90	0.10	1.2	0.055	2.65	23.1	21.2	0.67	537	1.00	2.00	7.9	3.3	570
N811001		3.09	16.65	0.11	1.1	0.060	2.55	18.9	30.4	0.82	654	1.00	1.92	8.0	3.0	600
N811002		3.09	15.05	0.11	1.0	0.084	2.45	16.6	42.5	0.87	724	1.11	1.66	7.5	3.1	550
N811003		2.89	15.50	0.09	1.3	0.045	2.76	20.4	27.6	0.69	532	0.87	2.05	7.5	2.8	580
N811004		6.75	13.15	0.10	0.9	1.515	2.56	22.9	22.0	0.90	1860	12.25	0.05	5.5	14.5	430
N811005		2.71	14.60	0.09	1.3	0.043	2.69	23.0	25.6	0.67	552	0.79	1.90	7.0	2.7	490
N811006		3.93	14.60	0.10	0.9	0.184	2.62	20.4	22.4	0.86	1650	1.16	0.97	6.9	2.8	520
N811007		0.49	0.25	<0.05	<0.1	0.005	0.05	0.5	1.4	12.50	213	0.19	0.01	0.1	2.8	160
N811008		2.81	15.50	0.11	1.4	0.081	2.75	21.3	25.2	0.66	579	0.91	0.73	8.0	2.6	520
N811009		2.67	14.90	0.11	1.4	0.056	2.57	17.5	16.9	0.64	576	1.07	1.93	8.1	2.8	520
N811010		3.38	15.10	0.09	1.1	0.136	2.87	17.1	47.5	0.76	1760	1.55	0.89	7.3	3.4	560
N811011		2.33	17.55	0.12	2.9	0.030	2.30	25.2	22.5	0.70	484	0.63	1.11	10.5	4.9	960
N811012		2.42	17.35	0.10	2.1	0.028	2.40	22.9	34.1	0.75	514	0.83	0.88	10.0	4.8	990
N811013		2.44	17.80	0.11	2.0	0.026	2.43	21.7	34.8	0.75	505	0.89	0.88	10.2	5.1	970
N811014		2.33	18.10	0.13	1.9	0.030	2.58	27.8	51.4	0.69	503	0.75	0.66	10.1	3.1	940
N811015		5.49	13.65	0.14	1.3	0.911	2.79	22.6	23.2	0.72	2010	10.90	0.26	6.7	14.8	510
N811016		2.23	18.40	0.15	2.0	0.036	2.84	40.2	67.8	0.82	484	1.00	0.07	11.3	3.4	990
N811017		2.45	17.35	0.14	2.9	0.030	2.73	34.5	35.3	0.79	573	0.77	0.28	11.1	4.7	1040
N811018		3.25	14.20	0.12	1.0	0.111	2.70	20.8	44.3	0.70	791	1.56	1.03	6.7	3.2	580
N811019		0.49	0.38	0.09	<0.1	<0.005	0.07	0.6	1.9	12.85	219	0.15	0.01	0.5	1.8	170
N811020		3.45	14.25	0.14	0.9	0.142	2.89	25.9	20.3	0.80	947	0.99	1.42	6.5	3.3	580
N811021		3.16	15.20	0.17	0.9	0.089	2.87	24.8	32.0	0.79	786	1.23	1.42	7.7	3.1	630
N811022		3.62	15.25	0.11	0.8	0.118	2.72	20.5	24.1	0.83	1000	1.66	1.78	7.1	3.2	620
N811023		3.71	15.55	0.14	1.0	0.330	2.29	28.8	22.3	0.85	1130	9.44	1.81	6.7	3.7	560
N811024		3.13	15.20	0.15	1.3	0.094	3.36	30.0	31.4	0.83	828	1.08	1.58	7.6	2.8	630
N811025		3.60	15.45	0.12	1.0	0.062	2.75	20.4	16.4	0.91	691	0.86	2.08	7.8	2.9	670
N811026		3.47	16.30	0.13	0.9	0.075	2.76	28.4	17.0	0.91	659	1.26	2.07	7.9	3.2	650
N811027		3.22	16.25	0.14	1.1	0.065	2.79	30.3	14.9	0.84	631	1.74	2.26	8.0	2.9	610
N811028		3.18	15.55	0.13	1.0	0.057	2.83	28.7	12.7	0.81	549	0.97	2.19	7.7	3.2	590
N811029		3.26	16.50	0.14	1.0	0.059	2.74	27.2	12.4	0.76	610	1.49	2.14	8.4	3.1	590
N811030		3.11	15.00	0.11	1.0	0.060	2.77	21.5	13.2	0.75	635	0.74	2.22	7.6	2.8	570
N811031		3.05	14.45	0.15	0.9	0.045	2.99	28.7	13.7	0.82	583	0.77	1.95	7.0	2.6	590
N811032		3.18	17.10	0.14	1.0	0.076	2.61	25.4	12.7	0.84	633	2.38	2.27	8.3	3.2	600
N811033		3.18	15.50	0.14	1.1	0.071	2.59	24.6	12.8	0.76	610	2.61	2.18	8.0	3.7	600
N811034		3.09	18.20	0.14	1.2	0.074	2.56	30.3	16.5	0.85	629	1.07	2.20	9.4	3.6	620



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**CERTIFICATE OF ANALYSIS WH12164249**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M895549		43.0	91.3	<0.002	0.39	2.00	9.7	<1	1.7	390	0.75	0.07	12.4	0.235	1.13	3.7
M895550		41.6	91.1	<0.002	0.10	2.05	10.5	<1	1.5	392	0.61	0.05	11.9	0.250	1.02	3.2
N811001		76.7	82.7	0.002	0.27	2.21	10.3	<1	1.7	418	0.61	0.11	10.5	0.256	1.14	3.5
N811002		41.2	75.9	<0.002	0.27	2.67	9.2	<1	1.6	386	0.60	0.49	8.7	0.238	1.14	2.9
N811003		19.8	93.8	<0.002	0.04	1.74	9.9	<1	1.6	416	0.63	0.12	13.3	0.248	1.07	3.2
N811004		2780	150.0	<0.002	4.86	93.7	7.6	<1	7.6	92.1	0.42	0.41	10.3	0.178	2.23	5.0
N811005		18.9	83.5	<0.002	0.09	1.84	8.6	<1	1.5	379	0.52	0.06	18.7	0.223	1.02	3.2
N811006		327	117.0	<0.002	1.60	6.06	10.0	<1	2.5	283	0.50	0.20	11.0	0.222	1.43	3.8
N811007		1.6	2.8	<0.002	0.01	0.05	0.3	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N811008		20.8	110.0	<0.002	0.26	5.04	10.2	1	2.2	237	0.70	0.34	12.8	0.239	1.30	3.2
N811009		52.9	87.6	<0.002	0.06	2.06	8.9	1	2.1	369	0.75	0.06	11.4	0.231	1.09	3.4
N811010		154.5	116.5	<0.002	0.86	4.70	9.8	1	4.5	331	0.57	0.09	11.5	0.232	1.53	3.0
N811011		14.7	71.4	<0.002	0.10	2.83	4.8	<1	1.9	599	0.67	<0.05	7.4	0.263	1.17	3.0
N811012		14.3	69.0	<0.002	0.01	1.95	4.9	<1	1.7	574	0.67	<0.05	6.9	0.252	1.17	4.2
N811013		14.5	65.4	0.003	0.01	1.97	4.9	<1	1.7	576	0.67	<0.05	6.5	0.252	1.17	4.0
N811014		12.6	89.8	<0.002	0.04	2.21	5.0	<1	2.3	430	0.69	0.05	8.5	0.242	1.28	3.0
N811015		1370	169.5	0.002	3.18	29.9	7.9	1	5.3	144.5	0.59	0.31	12.9	0.210	2.61	6.0
N811016		16.5	128.5	<0.002	0.07	3.92	5.2	2	4.8	356	0.81	<0.05	11.8	0.269	1.76	4.2
N811017		16.9	107.0	0.002	0.04	3.88	5.1	2	3.3	340	0.75	0.05	9.7	0.285	1.54	3.9
N811018		93.2	122.5	<0.002	0.53	5.10	8.5	2	3.0	290	0.58	0.15	12.0	0.227	1.71	3.7
N811019		1.3	7.0	<0.002	0.01	0.09	0.3	1	0.2	41.7	<0.05	<0.05	<0.2	<0.005	0.05	0.8
N811020		77.6	167.5	<0.002	0.65	5.41	10.5	1	2.4	309	0.59	0.34	12.7	0.233	2.02	4.3
N811021		22.0	143.0	<0.002	0.21	4.30	10.4	3	2.7	346	0.62	0.65	13.5	0.270	1.76	3.9
N811022		24.5	139.0	<0.002	0.45	4.57	9.9	1	2.3	286	0.55	0.26	10.8	0.254	1.96	4.3
N811023		252	176.5	<0.002	1.03	5.64	10.7	2	5.0	162.0	0.61	0.38	13.9	0.215	2.17	3.7
N811024		26.7	187.0	<0.002	0.18	4.19	10.3	2	2.2	302	0.66	0.15	16.6	0.255	2.14	5.2
N811025		20.7	108.0	<0.002	0.27	2.00	10.4	2	2.1	404	0.62	0.09	10.7	0.300	1.54	3.5
N811026		21.4	142.0	<0.002	0.23	2.17	11.8	2	2.1	411	0.59	0.11	14.1	0.284	1.61	4.4
N811027		24.2	138.0	0.002	0.17	2.02	10.7	3	1.7	369	0.71	0.09	15.9	0.262	1.45	4.6
N811028		22.6	131.5	<0.002	0.19	1.90	10.0	2	1.7	391	0.64	0.05	15.8	0.257	1.41	4.3
N811029		24.1	124.0	<0.002	0.23	2.04	10.5	2	1.8	362	0.69	0.38	14.4	0.254	1.42	4.0
N811030		24.1	104.5	<0.002	0.06	2.27	9.4	1	1.6	365	0.61	0.09	12.2	0.256	1.36	2.9
N811031		20.9	138.5	<0.002	0.04	7.17	9.7	2	1.6	409	0.56	0.09	18.1	0.254	1.56	4.2
N811032		25.2	131.0	<0.002	0.08	2.64	11.2	3	1.9	395	0.70	0.14	14.4	0.260	1.43	4.9
N811033		26.6	113.0	<0.002	0.27	2.00	10.3	2	1.8	366	0.67	0.18	13.6	0.258	1.25	3.5
N811034		20.6	112.5	<0.002	0.04	2.15	12.2	2	1.9	376	0.77	0.12	16.5	0.268	1.37	4.4





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**CERTIFICATE OF ANALYSIS WH12164249**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895549		65	1.4	14.2	70	29.4
M895550		67	1.1	14.4	80	32.4
N811001		69	1.1	14.5	115	31.1
N811002		67	1.5	13.3	82	27.3
N811003		66	0.9	13.7	50	31.3
N811004		55	5.3	8.9	5420	24.8
N811005		60	1.0	12.1	46	33.7
N811006		63	2.1	13.7	603	22.6
N811007		1	0.2	0.7	17	<0.5
N811008		63	3.6	14.6	64	33.8
N811009		62	2.1	13.5	108	32.4
N811010		64	3.0	14.5	1370	25.7
N811011		44	1.5	9.8	63	102.5
N811012		45	0.9	9.3	68	59.3
N811013		45	1.0	9.4	66	62.4
N811014		40	0.9	10.7	65	52.5
N811015		58	5.0	11.0	2960	30.5
N811016		42	1.2	13.1	61	46.3
N811017		46	2.1	12.2	84	94.9
N811018		69	2.0	12.6	276	22.1
N811019		2	0.1	0.8	12	<0.5
N811020		72	2.3	14.3	258	17.5
N811021		73	1.7	15.3	67	19.1
N811022		74	2.1	14.8	81	16.2
N811023		62	3.5	15.4	422	20.3
N811024		73	5.5	16.2	103	23.3
N811025		85	1.7	16.2	70	18.2
N811026		79	1.8	18.5	61	17.4
N811027		74	1.6	17.6	64	20.9
N811028		70	1.5	16.8	54	20.6
N811029		70	1.6	16.9	57	20.3
N811030		71	1.4	15.5	65	20.5
N811031		70	1.1	16.3	60	17.1
N811032		72	1.4	18.0	64	19.0
N811033		70	2.2	16.5	57	20.5
N811034		73	1.1	19.8	52	26.1



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Project: Klaza - 86

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Finalized Date: 3-AUG-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12164249**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12165409**

Project: Klaza - 82

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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

Project: Klaza - 82

**CERTIFICATE OF ANALYSIS WH12165409**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899726		11.27	0.005	0.59	7.53	11.6	2080	1.17	1.61	1.59	2.05	81.6	5.4	11	11.60	32.2
M899727		5.33	0.042	2.75	6.14	34.2	2010	1.19	5.79	2.75	6.01	100.5	8.5	8	19.45	48.3
M899728		1.42	<0.005	0.03	0.19	6	40	0.09	0.07	20.9	0.09	1.46	1.0	6	0.50	1.6
M899729		11.16	0.007	0.30	6.41	16.8	1740	1.13	0.73	1.88	1.00	39.9	5.9	9	10.40	13.3
M899730		7.75	0.019	0.38	6.71	26.7	1330	1.28	0.76	1.66	4.54	65.9	5.7	8	18.50	27.6
M899731		4.50	0.124	1.76	6.81	290	1870	1.56	2.56	1.22	4.42	334	2.8	11	14.90	17.6
M899732		4.36	0.380	2.95	6.37	706	290	1.23	5.87	0.73	5.37	119.5	5.0	9	10.25	50.5
M899733		1.77	<0.005	0.06	0.15	11	30	0.08	0.04	20.6	0.06	1.89	0.7	3	0.76	4.9
M899734		4.96	0.063	4.14	7.50	51.8	770	1.50	7.06	1.85	6.13	89.9	4.6	9	12.20	101.5
M899735		6.90	0.079	1.84	7.34	127.5	1110	1.73	2.38	1.68	2.90	76.4	7.8	10	22.3	84.5
M899736		7.07	0.029	1.06	6.62	25.1	1310	1.36	1.43	1.82	3.13	55.1	8.7	11	10.35	6.4
M899737		10.01	0.009	0.31	7.69	17.1	2200	1.52	0.45	2.39	2.45	48.7	5.8	11	9.44	5.7
M899738		0.20	2.15	23.9	5.57	3110	1420	1.22	18.95	2.06	74.2	44.4	9.9	19	12.95	407
M899739		8.57	0.009	0.37	7.44	27.9	2020	1.51	0.39	2.32	2.13	49.3	6.1	12	12.25	5.8
M899740		8.85	0.350	1.60	7.24	630	720	1.58	2.39	1.76	8.73	53.4	4.9	9	13.50	22.0
M899741		4.26	0.739	1.58	7.35	1200	1280	1.50	2.04	2.38	5.97	55.4	5.5	8	16.00	22.6
M899742		4.69	0.906	1.48	7.24	1210	580	1.57	1.83	2.08	8.79	56.6	5.6	8	15.95	20.6
M899743		5.01	0.309	2.58	7.03	577	1090	1.47	2.70	1.25	16.65	57.0	7.0	8	20.9	35.2
M899744		13.94	0.015	0.42	6.95	40.4	1820	1.44	0.79	2.01	2.08	47.7	6.2	10	13.55	12.3
M899745		<0.02	0.014	0.39	7.31	40.3	1890	1.48	0.77	2.09	2.01	50.5	6.1	10	13.90	13.5
M899746		6.32	0.142	0.81	6.43	393	1630	1.48	1.55	2.30	5.44	48.5	8.8	11	10.75	9.6
M899747		9.68	0.144	0.81	7.17	840	1110	1.60	1.11	2.90	1.52	58.2	10.6	9	13.25	25.4
M899748		7.56	0.248	11.80	7.02	658	530	1.48	25.1	2.94	1.33	53.5	10.7	13	12.55	9.7
M899749		0.19	0.772	10.20	6.62	1830	1400	1.56	6.47	1.91	42.9	48.1	16.5	22	16.15	113.5
M899750		5.42	0.058	0.46	6.99	63.5	2260	1.52	1.19	3.19	2.90	56.6	8.5	9	14.35	4.4
N810401		11.22	0.011	0.20	6.94	23.4	1490	1.59	0.47	2.85	0.69	50.0	6.0	12	15.75	2.2
N810402		4.58	0.018	0.14	6.49	28.1	1700	1.49	0.36	3.46	0.75	47.5	4.3	9	14.70	3.2
N810403		2.00	0.023	0.14	6.32	27.6	1750	1.52	0.41	3.54	0.77	52.8	4.6	11	15.65	3.4
N810404		10.53	<0.005	0.14	6.81	10.5	1500	1.73	0.37	2.81	0.57	52.6	5.9	11	11.30	3.5
N810405		5.89	0.110	1.18	7.13	158.0	1330	1.75	1.97	2.44	20.6	72.5	4.5	10	14.55	19.2
N810406		4.89	0.021	0.32	7.23	37.3	1510	1.63	0.77	2.66	0.91	62.4	3.7	8	12.90	10.3
N810407		4.01	0.175	0.76	6.57	218	1680	1.63	1.23	3.36	2.56	140.0	2.7	7	13.70	15.8
N810408		6.70	0.147	0.55	7.34	310	1580	1.66	0.92	2.91	5.04	54.7	3.7	9	15.80	9.0
N810409		4.67	0.168	0.78	7.82	322	1240	1.60	1.55	2.37	2.08	56.9	4.2	10	18.85	13.6
N810410		8.90	0.100	0.36	7.17	451	1960	1.48	0.38	3.10	1.52	55.0	4.6	9	20.2	5.4
N810411		4.44	0.387	2.71	6.94	2000	720	1.44	4.69	2.73	22.8	62.2	4.7	9	18.00	48.2



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Account: ROCKHA

Project: Klaza - 82

**CERTIFICATE OF ANALYSIS WH12165409**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899726		2.90	15.00	0.13	1.2	0.164	2.70	46.0	20.2	0.55	593	20.1	1.00	7.0	2.3	590
M899727		3.32	12.65	0.15	1.0	0.365	1.43	63.8	48.3	0.81	1240	16.85	0.03	5.6	2.5	440
M899728		0.49	0.40	0.07	<0.1	0.010	0.09	0.8	2.1	12.70	230	0.30	0.01	0.2	3.2	170
M899729		2.53	14.70	0.09	1.2	0.198	1.26	18.9	105.0	0.29	900	6.09	0.03	7.3	2.1	570
M899730		2.59	15.25	0.13	1.0	0.215	1.83	37.8	61.3	0.41	846	2.59	0.03	7.0	2.3	540
M899731		4.71	16.45	0.28	0.8	0.576	3.13	223	12.0	0.69	1960	5.25	0.04	5.2	1.3	540
M899732		5.03	15.00	0.15	0.8	0.384	3.08	76.8	10.6	0.47	1500	5.54	0.03	5.6	1.1	490
M899733		0.46	0.37	0.07	<0.1	0.010	0.07	1.0	1.6	12.40	207	0.15	0.01	0.3	2.9	180
M899734		3.67	15.80	0.16	0.9	0.474	2.92	56.2	20.4	0.94	1600	3.30	0.04	6.8	1.5	580
M899735		5.23	16.00	0.15	1.1	0.296	2.93	44.4	25.1	0.82	1520	1.66	0.04	6.6	2.5	550
M899736		3.43	12.80	0.13	0.8	0.246	2.95	33.3	11.5	0.86	1080	12.95	0.05	4.6	2.4	490
M899737		3.07	15.20	0.14	1.3	0.096	3.04	25.4	15.7	0.73	692	2.85	1.74	7.4	2.3	570
M899738		6.24	12.85	0.13	0.9	1.570	2.44	22.7	22.7	0.84	1740	11.65	0.04	5.5	15.2	390
M899739		3.09	15.15	0.12	1.2	0.069	2.96	23.3	15.4	0.69	608	2.17	1.64	7.6	2.4	590
M899740		5.00	15.15	0.13	1.2	0.308	3.23	28.7	8.3	0.87	2680	0.96	0.03	6.9	2.3	520
M899741		4.33	15.35	0.15	1.2	0.217	3.07	30.4	17.7	0.94	2750	1.00	0.03	7.4	2.5	560
M899742		4.47	15.70	0.15	1.3	0.353	3.03	28.8	24.5	0.78	2200	1.23	0.03	7.8	2.4	550
M899743		5.82	15.70	0.13	1.1	0.452	2.81	30.4	22.1	0.62	1440	1.48	0.02	6.9	2.4	480
M899744		2.94	15.40	0.13	1.2	0.158	2.53	22.5	28.2	0.54	676	1.34	0.74	7.8	2.3	570
M899745		3.07	15.05	0.12	1.2	0.172	2.63	24.4	27.9	0.57	700	0.91	0.76	7.6	2.3	590
M899746		3.85	14.10	0.12	1.1	0.445	2.86	24.1	10.3	0.66	1320	1.10	0.51	6.5	3.1	500
M899747		2.93	15.70	0.13	1.1	0.163	2.92	30.5	16.3	0.96	2120	1.28	0.15	7.3	2.6	550
M899748		3.59	14.35	0.13	1.2	0.199	3.05	25.9	13.9	1.04	1730	1.97	0.06	6.5	2.5	510
M899749		5.33	15.30	0.15	1.4	0.935	2.87	23.2	25.3	0.70	1930	12.15	0.26	7.5	16.5	490
M899750		2.66	14.55	0.13	1.1	0.271	2.80	29.5	36.8	1.11	970	2.27	0.11	6.5	2.7	520
N810401		2.47	14.95	0.13	1.3	0.091	2.13	24.7	20.9	0.65	580	3.00	1.30	7.6	2.4	560
N810402		2.22	14.35	0.13	1.1	0.120	2.43	24.2	10.0	0.96	782	1.89	0.81	6.7	2.1	540
N810403		2.22	14.95	0.12	1.1	0.134	2.38	26.4	10.5	0.95	759	2.14	0.77	7.0	2.1	500
N810404		2.34	14.85	0.13	1.3	0.120	2.16	24.4	9.3	0.64	567	1.55	2.15	6.8	2.6	530
N810405		3.90	15.35	0.14	1.0	1.245	2.87	42.4	38.1	0.91	1540	1.41	0.39	5.8	2.2	530
N810406		2.88	14.75	0.12	1.0	0.598	3.10	34.7	27.0	0.98	1220	1.99	0.06	5.4	2.0	530
N810407		3.87	14.50	0.17	0.8	0.619	2.77	86.6	28.2	1.22	1360	1.83	0.05	4.5	1.9	500
N810408		2.93	15.10	0.12	1.1	0.352	2.58	28.4	75.8	1.03	1120	1.33	0.06	7.1	1.8	560
N810409		3.98	16.00	0.14	1.2	0.313	2.94	31.1	30.2	1.01	1420	1.53	0.05	7.4	2.4	560
N810410		2.97	15.70	0.14	1.1	0.095	2.94	30.4	29.2	1.04	1150	1.38	0.23	8.2	2.4	540
N810411		4.66	15.70	0.12	1.0	1.075	2.92	36.0	15.7	1.01	1660	1.92	0.03	7.6	2.2	540



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Project: Klaza - 82

**CERTIFICATE OF ANALYSIS WH12165409**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M899726		83.0	96.4	0.008	0.31	10.45	9.9	1	3.4	173.5	0.62	0.05	12.9	0.247	3.3
M899727		154.0	77.1	0.011	0.91	44.3	9.9	1	3.0	171.5	0.52	0.48	12.0	0.175	7.4
M899728		2.6	3.4	<0.002	0.01	0.31	0.5	<1	0.4	41.7	<0.05	<0.05	<0.2	0.007	0.7
M899729		37.5	49.3	0.007	0.41	29.8	8.8	1	3.2	286	0.63	0.07	9.5	0.233	4.2
M899730		110.5	73.6	<0.002	0.47	31.9	9.6	1	4.9	131.0	0.57	0.12	10.5	0.225	6.0
M899731		136.0	192.5	0.006	1.42	13.55	11.1	2	6.1	77.6	0.45	0.71	13.9	0.167	7.4
M899732		155.0	173.5	0.002	3.91	21.8	8.8	1	9.5	31.1	0.47	0.15	12.0	0.183	4.2
M899733		2.6	3.4	<0.002	0.01	0.70	0.4	<1	0.4	38.3	<0.05	<0.05	0.2	0.006	0.6
M899734		105.5	158.5	0.002	0.79	20.3	9.9	1	4.9	99.6	0.53	0.11	12.5	0.231	3.9
M899735		84.7	153.5	0.002	1.83	14.00	10.7	1	5.4	75.6	0.53	0.23	12.4	0.212	6.2
M899736		81.6	171.0	0.005	1.19	7.56	8.5	1	3.1	58.4	0.40	0.28	11.6	0.161	4.0
M899737		70.8	113.5	<0.002	0.39	3.99	9.9	1	2.3	288	0.63	<0.05	13.0	0.246	3.6
M899738		2550	147.5	0.002	4.33	85.3	7.5	1	7.2	89.7	0.46	0.30	10.5	0.167	5.2
M899739		86.0	107.0	<0.002	0.31	4.12	9.9	<1	2.2	276	0.63	0.05	13.0	0.252	4.0
M899740		198.5	164.5	0.002	1.95	8.54	9.4	1	5.9	58.3	0.63	<0.05	14.2	0.229	5.2
M899741		142.5	159.5	<0.002	1.95	12.55	10.1	1	4.4	109.0	0.64	<0.05	14.7	0.240	5.0
M899742		178.0	138.5	<0.002	2.47	12.25	9.8	1	5.7	99.4	0.69	0.05	13.7	0.240	4.8
M899743		429	148.5	<0.002	3.73	12.25	9.3	<1	10.3	79.1	0.61	0.06	14.2	0.221	5.5
M899744		39.3	97.5	0.002	0.83	13.05	9.5	1	3.4	182.5	0.65	0.13	12.4	0.238	4.2
M899745		40.2	100.5	0.005	0.85	12.40	9.3	1	3.3	187.5	0.67	0.09	13.6	0.245	4.4
M899746		84.4	135.0	<0.002	1.46	8.89	8.7	1	5.4	100.0	0.59	0.10	12.5	0.200	5.6
M899747		108.5	132.0	<0.002	1.93	15.85	9.7	2	3.7	95.8	0.64	0.21	13.4	0.228	6.1
M899748		154.5	135.0	0.002	2.21	10.55	9.3	1	4.3	101.5	0.62	0.41	13.2	0.217	5.3
M899749		1310	159.5	<0.002	3.02	33.1	8.8	1	6.2	153.0	0.62	0.30	12.4	0.208	5.4
M899750		45.3	109.0	0.005	1.12	5.61	8.9	<1	3.3	124.5	0.58	0.10	13.1	0.212	5.4
N810401		26.9	80.2	<0.002	0.49	4.78	8.7	1	2.6	267	0.73	0.06	11.9	0.239	4.5
N810402		31.9	74.9	0.002	0.41	4.73	8.4	1	3.0	183.0	0.58	<0.05	10.0	0.224	4.7
N810403		33.8	82.8	<0.002	0.45	4.92	8.7	<1	3.1	178.5	0.59	<0.05	10.6	0.215	4.9
N810404		24.7	83.8	<0.002	0.34	3.21	8.7	<1	3.0	299	0.67	<0.05	11.3	0.209	3.7
N810405		114.0	156.0	<0.002	1.11	7.17	9.3	1	6.6	113.5	0.51	0.07	13.5	0.186	5.2
N810406		18.6	159.0	<0.002	0.58	4.38	9.1	1	5.9	88.0	0.46	0.07	12.7	0.177	4.4
N810407		58.9	148.5	<0.002	1.33	7.42	9.3	1	7.6	98.9	0.37	0.08	12.9	0.144	6.1
N810408		30.2	105.0	0.002	0.57	9.48	9.6	1	3.4	134.5	0.61	<0.05	12.5	0.228	4.8
N810409		56.5	146.5	<0.002	0.93	9.52	10.3	1	5.0	135.0	0.67	0.05	15.1	0.243	5.2
N810410		39.1	133.0	<0.002	0.42	9.64	9.9	1	2.2	141.0	0.64	<0.05	15.0	0.230	7.2
N810411		148.0	170.0	<0.002	2.87	17.20	9.3	1	9.1	93.0	0.57	0.09	13.6	0.222	9.0



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Project: Klaza - 82

**CERTIFICATE OF ANALYSIS WH12165409**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M899726		73	2.6	14.8	189	30.5
M899727		66	2.6	17.2	558	26.2
M899728		5	0.1	0.8	17	<0.5
M899729		68	5.3	11.0	125	28.3
M899730		69	5.6	12.0	386	26.6
M899731		74	3.8	15.2	386	20.5
M899732		53	6.0	9.7	455	18.6
M899733		3	0.2	0.9	15	<0.5
M899734		66	5.6	12.4	633	23.2
M899735		67	6.4	13.0	310	25.1
M899736		53	2.2	10.6	302	17.1
M899737		69	3.0	15.0	218	29.0
M899738		52	4.9	8.8	5170	22.2
M899739		72	3.0	14.8	169	30.4
M899740		63	5.8	11.4	884	25.7
M899741		66	5.5	14.4	584	28.4
M899742		65	4.7	14.4	874	32.0
M899743		60	5.8	11.9	1500	26.3
M899744		65	2.2	13.7	200	28.6
M899745		69	2.2	13.9	212	28.1
M899746		64	3.0	11.3	511	24.6
M899747		66	2.2	14.2	155	25.1
M899748		64	3.3	13.9	136	26.2
M899749		59	5.3	11.2	3090	37.8
M899750		62	3.0	13.8	277	25.0
N810401		67	1.6	13.4	87	28.7
N810402		65	2.0	13.4	91	25.8
N810403		61	2.1	14.2	87	26.8
N810404		64	1.4	14.1	82	28.3
N810405		64	3.1	13.4	1540	24.5
N810406		63	2.5	14.9	129	22.4
N810407		59	2.4	16.6	276	19.2
N810408		64	3.8	14.3	473	27.2
N810409		68	5.7	14.4	236	28.1
N810410		64	4.0	16.8	168	32.4
N810411		61	8.1	13.9	1620	29.7



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**CERTIFICATE OF ANALYSIS WH12165409**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12165527**

Project: Klaza-67

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140557\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12165527**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
N828302		1.07	7.00	37.8	1230	1.62	0.84	2.71	11.15	46.8	8.1	11	8.16	32.7	3.25
N828303		1.14	7.14	55.9	1580	1.56	0.66	2.24	5.71	47.0	5.2	11	8.62	62.8	3.62
N828304		0.88	7.37	56.0	1540	1.60	0.50	2.36	5.51	55.6	6.1	10	8.69	55.6	3.66
N828305		1.33	6.60	151.0	860	1.44	1.03	1.42	4.46	53.1	3.9	9	9.91	9.7	4.63
N828306		5.17	7.31	260	1030	1.49	0.83	1.62	22.8	55.5	6.8	9	9.07	21.5	4.13
N828307		1.18	6.77	93.6	1120	1.47	1.08	0.40	3.61	44.0	13.4	9	9.99	10.9	6.01
N828308		3.51	5.43	634	390	1.04	1.46	4.07	27.9	38.8	3.7	7	9.90	50.4	5.59
N828309		0.02	0.07	<5	30	<0.05	0.02	20.1	0.11	1.33	1.2	1	0.19	1.6	0.45
N828310		0.41	7.13	47.2	1220	1.34	0.21	1.78	1.85	54.6	5.0	8	14.35	7.3	4.77
N828311		0.18	7.56	18.3	2080	1.34	0.34	2.50	0.19	68.4	7.4	9	12.70	12.9	3.49
N828312		0.15	7.10	17.5	2010	1.36	0.33	2.47	0.17	59.1	7.2	8	12.15	12.0	3.48
N828313		1.36	7.33	161.5	1910	1.33	1.18	1.89	2.61	83.7	6.8	8	14.75	13.2	4.93
N828314		0.16	7.66	21.1	1450	1.46	0.15	2.24	0.34	64.5	5.3	8	15.45	1.4	3.40
N828315		0.58	7.23	42.9	1480	1.42	0.96	2.67	1.95	71.0	12.1	9	13.75	6.2	4.11
N828316		0.46	7.48	34.2	1280	1.44	0.62	2.23	3.29	67.5	11.0	8	14.55	9.9	4.00
N828317		0.48	7.28	79.6	1300	1.35	0.87	2.42	1.96	74.3	7.6	8	11.80	8.9	3.93
N828318		9.56	6.70	1810	780	1.34	6.02	1.87	38.2	45.5	16.8	21	16.10	107.5	5.24
N828319		>100	4.66	1240	2550	0.88	297	1.14	280	24.9	6.7	7	5.43	3990	11.15
N828320		0.29	0.11	<5	30	0.07	0.36	21.0	0.41	1.61	1.1	<1	0.25	7.0	0.43
N828321		1.33	7.71	31.9	2090	1.33	1.73	1.91	6.46	46.1	5.4	9	9.28	22.4	2.86
N828322		1.76	6.37	84.0	1430	1.11	2.55	1.10	7.55	41.3	3.9	11	10.30	34.1	3.78
N828323		2.68	6.77	178.5	1500	1.29	2.29	0.58	11.60	47.3	4.2	10	12.90	91.3	5.55
N828324		5.96	5.59	198.0	440	1.16	7.60	1.01	15.80	38.6	4.4	9	19.85	66.7	4.24
N828325		5.18	4.80	275	270	0.94	4.79	1.14	25.5	41.2	4.6	8	10.85	53.7	5.05
N828326		2.25	7.46	100.0	3150	1.16	2.91	1.33	6.39	59.3	2.1	10	9.48	44.7	4.87
N828327		6.69	6.95	117.5	1590	1.24	4.97	0.57	26.2	59.7	3.3	8	8.97	107.5	4.90
N828328		1.99	6.75	49.3	2840	1.09	1.50	1.15	13.15	57.2	2.2	10	8.51	22.8	5.81
N828329		9.86	6.78	1845	330	1.37	6.74	1.89	38.8	44.7	17.0	21	16.20	109.5	5.31
N828330		16.45	5.66	661	1060	0.93	11.60	4.81	72.1	48.3	4.6	7	6.01	775	6.04
N828331		>100	3.71	2890	2330	0.61	375	1.42	43.7	19.10	9.3	8	3.39	>10000	15.15
N828332		2.82	5.91	395	600	0.98	3.94	5.49	2.91	43.6	5.5	7	8.36	49.4	6.14
N828333		1.39	6.49	45.6	1100	1.20	1.23	3.27	2.13	36.8	6.0	7	9.76	46.4	4.03
N828334		0.89	7.39	29.7	1610	1.24	0.51	1.34	1.55	49.2	4.3	10	14.65	39.6	3.64
N828335		0.31	7.15	10.6	1720	1.35	0.27	2.35	0.85	44.8	5.5	9	12.35	5.4	3.38
N828336		0.13	7.21	11.5	1990	1.27	0.19	2.18	0.16	31.5	6.7	10	10.05	2.3	2.67
N828337		0.21	7.07	10.7	2170	1.46	0.22	2.36	0.16	42.4	4.3	9	15.15	3.4	3.32

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140557\*\*

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



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Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12165527**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5
N828302		0.14	1.0	0.219	2.46	23.1	35.1	0.67	1040	0.86	0.91	6.4	3.6	540	167.0
N828303		0.15	0.9	0.263	2.86	23.4	46.6	0.60	1460	1.61	0.30	5.9	2.4	580	173.5
N828304		0.17	0.9	0.211	2.86	29.0	38.9	0.65	1600	1.61	0.44	6.0	2.5	600	157.0
N828305		0.16	0.9	0.164	2.63	27.9	68.0	0.72	1360	5.79	0.05	5.2	2.8	480	224
N828306		0.16	0.8	0.240	2.90	27.5	22.5	0.70	1520	1.94	0.06	5.4	2.7	540	1780
N828307		0.17	0.8	0.196	3.06	22.0	6.9	0.58	2460	15.85	0.05	5.6	2.5	490	235
N828308		0.16	0.6	0.551	2.40	20.6	11.9	1.39	4610	9.80	0.03	4.6	2.2	380	1130
N828309		0.06	<0.1	<0.005	0.03	0.6	1.0	12.20	210	0.17	0.02	0.3	1.3	170	4.5
N828310		0.14	0.9	0.148	3.04	32.7	16.2	0.80	2310	2.25	0.15	6.2	2.5	530	131.0
N828311		0.15	0.9	0.038	3.05	40.7	20.7	0.93	836	1.52	0.12	5.9	3.1	580	14.8
N828312		0.16	0.9	0.042	3.02	33.9	19.1	0.90	817	1.82	0.14	5.9	3.0	560	14.1
N828313		0.17	1.0	0.165	3.11	53.8	9.5	0.88	1620	3.54	0.05	6.6	2.6	560	240
N828314		0.15	1.0	0.084	3.13	38.8	52.0	0.88	1990	3.36	0.05	6.8	2.0	590	24.9
N828315		0.18	0.8	0.113	3.24	41.4	27.7	1.13	1520	3.36	0.05	5.4	2.4	520	99.4
N828316		0.18	0.9	0.187	3.36	38.5	17.0	0.95	1600	2.58	0.05	6.2	2.2	580	44.5
N828317		0.17	0.9	0.128	3.36	44.9	11.3	0.89	1570	1.98	0.05	6.1	2.1	530	47.4
N828318		0.18	1.3	0.876	2.78	24.8	22.7	0.69	1960	12.70	0.26	7.9	15.9	490	1310
N828319		0.22	0.6	3.90	2.15	11.6	8.4	0.45	1460	1.86	0.04	3.7	2.1	330	>10000
N828320		0.05	<0.1	0.011	0.05	0.8	1.1	12.70	191	0.12	0.01	0.4	1.1	280	39.0
N828321		0.13	0.9	0.245	3.54	25.8	21.7	0.83	1570	10.10	0.06	5.7	2.4	550	124.5
N828322		0.14	0.8	0.340	2.84	22.8	18.9	0.64	1440	5.91	0.05	4.9	2.3	450	177.5
N828323		0.16	0.9	0.418	3.06	25.7	18.9	0.60	2190	10.60	0.04	6.1	2.7	450	253
N828324		0.14	0.7	0.463	2.35	20.6	31.9	0.46	1540	16.75	0.03	4.9	2.9	370	388
N828325		0.15	0.5	0.391	2.18	21.6	32.0	0.31	1560	23.7	0.03	4.0	2.9	400	838
N828326		0.16	0.8	0.288	3.50	33.6	11.2	0.85	2210	4.88	0.06	5.5	2.3	550	163.0
N828327		0.17	0.8	0.519	3.17	36.1	9.2	0.59	1370	4.19	0.05	4.6	2.6	500	1080
N828328		0.17	0.8	0.368	3.02	32.2	7.9	0.85	2540	1.15	0.06	4.8	2.6	490	441
N828329		0.18	1.3	0.881	2.85	23.4	23.3	0.69	2000	13.05	0.26	8.1	16.6	500	1320
N828330		0.16	0.6	0.873	2.67	26.2	7.9	0.55	2000	5.84	0.04	4.7	2.1	390	1710
N828331		0.25	0.4	7.42	1.69	8.8	7.6	0.47	1500	6.14	0.03	3.1	2.0	260	2880
N828332		0.13	0.8	0.156	2.85	24.2	7.2	0.45	2150	17.55	0.02	5.8	2.3	450	212
N828333		0.14	0.7	0.160	3.13	19.4	10.0	0.74	2030	13.80	0.03	5.1	2.5	490	141.0
N828334		0.13	0.9	0.079	2.79	27.9	39.0	0.60	1090	2.53	0.05	8.0	3.2	610	127.0
N828335		0.15	0.9	0.049	2.82	23.4	19.5	0.93	1090	0.68	0.74	6.7	2.9	570	78.5
N828336		0.15	0.9	0.039	2.83	15.0	25.4	0.75	529	2.50	0.76	7.6	2.7	590	16.7
N828337		0.16	1.0	0.063	3.14	22.0	23.8	0.77	834	0.97	1.22	7.6	2.4	540	24.2

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140557\*\*

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Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12165527**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
N828302		<0.002	0.83	4.77	10.6	1	2.8	182.0	0.54	0.06	12.1	0.191	2.00	5.1	64	1.6
N828303		<0.002	0.83	22.4	9.7	1	2.4	97.1	0.47	0.05	11.9	0.189	2.11	4.2	68	1.9
N828304		<0.002	0.79	22.3	10.3	1	2.4	105.0	0.47	<0.05	12.2	0.189	2.10	4.4	67	1.8
N828305		<0.002	2.00	16.45	9.0	1	2.2	53.5	0.44	0.06	12.1	0.159	2.45	4.9	59	3.2
N828306		<0.002	1.99	14.25	10.4	1	6.9	42.2	0.43	0.05	13.1	0.170	2.24	4.4	66	3.5
N828307		0.003	1.01	7.82	8.4	1	3.5	17.4	0.44	<0.05	13.0	0.173	2.79	4.7	55	5.6
N828308		0.002	2.85	26.3	7.0	1	6.2	71.1	0.37	<0.05	9.3	0.143	2.39	3.6	46	5.6
N828309		<0.002	0.01	0.10	0.2	<1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	0.02	0.4	2	0.1
N828310		<0.002	0.44	8.07	10.0	1	3.4	70.2	0.50	<0.05	12.5	0.196	2.73	6.7	61	4.7
N828311		<0.002	0.32	11.30	10.8	1	0.9	91.3	0.48	0.05	13.7	0.183	2.21	7.6	67	2.0
N828312		<0.002	0.32	10.70	10.2	1	0.9	89.5	0.48	<0.05	12.0	0.183	2.16	7.0	67	2.0
N828313		<0.002	1.52	12.10	10.6	1	2.5	68.5	0.57	0.06	14.4	0.200	3.04	7.8	65	5.1
N828314		<0.002	0.27	6.25	11.1	1	1.1	110.5	0.59	<0.05	14.4	0.212	2.71	5.6	69	2.8
N828315		<0.002	1.01	7.28	10.7	1	1.9	70.8	0.40	<0.05	13.7	0.167	2.72	5.6	69	2.5
N828316		<0.002	0.76	5.24	11.0	1	1.6	89.0	0.49	<0.05	13.6	0.197	2.88	5.8	66	3.4
N828317		<0.002	1.29	6.06	10.8	1	1.8	77.6	0.48	<0.05	13.0	0.192	2.95	4.6	66	3.5
N828318		<0.002	3.08	31.3	9.2	1	5.5	151.0	0.63	0.29	11.8	0.206	2.48	5.3	58	5.3
N828319		<0.002	>10.0	326	6.5	2	32.0	57.1	0.29	1.76	6.5	0.119	1.97	2.2	42	3.9
N828320		<0.002	0.03	0.54	0.2	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.02	0.8	3	0.1
N828321		0.005	0.45	13.45	10.0	1	1.7	45.4	0.46	<0.05	13.4	0.195	2.93	3.8	70	3.2
N828322		0.002	1.32	24.4	8.6	1	3.6	29.4	0.39	0.12	11.1	0.161	2.82	3.0	61	3.3
N828323		0.003	1.63	50.0	9.1	1	4.7	39.1	0.47	0.07	11.9	0.191	3.31	5.8	62	7.3
N828324		<0.002	2.40	61.7	7.6	1	4.6	140.5	0.39	0.28	9.8	0.155	2.38	4.3	53	5.3
N828325		0.002	3.32	73.6	7.0	1	6.3	213	0.30	0.11	8.2	0.124	2.00	4.8	46	4.2
N828326		<0.002	0.92	14.85	10.7	1	3.9	68.7	0.41	<0.05	13.1	0.181	2.95	3.7	69	3.9
N828327		0.004	1.10	26.9	9.6	1	6.1	21.1	0.38	<0.05	12.0	0.167	2.76	2.7	73	4.8
N828328		<0.002	0.52	7.92	9.9	1	3.8	71.3	0.39	<0.05	11.5	0.155	2.70	2.7	64	3.6
N828329		0.002	3.14	32.5	9.3	1	5.6	153.5	0.65	0.28	11.9	0.210	2.59	5.3	59	5.7
N828330		0.002	4.74	38.5	7.9	1	8.1	139.0	0.35	0.09	8.9	0.140	2.07	2.4	51	3.1
N828331		<0.002	>10.0	453	4.8	2	12.1	65.8	0.23	0.72	4.9	0.088	1.40	2.0	31	2.2
N828332		0.008	3.74	12.70	8.3	1	6.5	149.0	0.47	0.13	10.3	0.176	2.86	4.2	55	7.1
N828333		0.007	0.53	11.15	9.1	1	3.4	87.7	0.41	<0.05	9.9	0.167	3.00	4.6	64	3.5
N828334		<0.002	0.33	24.6	11.6	1	2.4	81.6	0.62	<0.05	11.7	0.248	2.37	4.4	66	5.2
N828335		<0.002	0.20	5.65	10.5	1	2.2	161.0	0.54	<0.05	11.3	0.209	2.20	4.5	66	2.6
N828336		0.002	0.17	5.25	11.2	1	1.3	153.5	0.57	<0.05	11.2	0.244	1.74	4.3	75	2.2
N828337		<0.002	0.12	4.57	10.0	1	2.3	263	0.61	<0.05	11.6	0.242	1.68	3.3	67	3.2

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140557\*\*

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



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Plus Appendix Pages  
Finalized Date: 23-JUL-2012  
Account: ROCKHA

Project: Klaza-67

**CERTIFICATE OF ANALYSIS WH12165527**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N828302		10.9	902	30.0				
N828303		10.1	531	28.0				
N828304		11.1	514	27.7				
N828305		10.5	436	26.2				
N828306		11.0	2110	26.9				
N828307		6.8	456	25.4				
N828308		8.8	2440	20.4				
N828309		0.8	21	<0.5				
N828310		11.1	287	25.2				
N828311		13.4	77	27.2				
N828312		12.6	78	26.7				
N828313		12.6	301	29.8				
N828314		14.7	79	28.7				
N828315		12.8	242	24.1				
N828316		12.4	331	26.3				
N828317		12.9	253	25.6				
N828318		11.3	2990	40.8				
N828319		6.9	>10000	15.7	234		3.04	1.945
N828320		0.9	45	<0.5				
N828321		10.9	563	25.1				
N828322		7.2	690	22.9				
N828323		8.7	1200	25.0				
N828324		8.4	1400	20.6				
N828325		7.5	1960	15.1				
N828326		8.8	618	22.5				
N828327		6.9	2020	22.6				
N828328		6.6	1180	21.3				
N828329		11.3	3060	39.4				
N828330		7.1	5330	18.0				
N828331		5.4	3390	11.2	341	1.835		
N828332		8.6	311	21.8				
N828333		9.0	272	21.1				
N828334		12.3	198	26.3				
N828335		11.4	150	24.6				
N828336		11.9	70	25.3				
N828337		13.6	60	29.6				

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140557\*\*

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



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Project: Klaza-67

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Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12165527**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Account: ROCKHA

**CERTIFICATE WH12167651**

Project: Klaza - 82

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 7-AUG-2012  
Account: ROCKHA

Project: Klaza - 82

**CERTIFICATE OF ANALYSIS WH12167651**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810448		3.85	0.249	3.16	7.18	160.5	750	1.57	5.72	0.75	7.65	50.9	3.6	9	8.33	40.9
N810449		4.89	0.055	2.62	7.06	95.1	770	1.81	3.95	0.70	13.20	46.8	5.0	12	6.91	31.1
N810450		8.44	0.094	1.45	7.50	76.9	810	1.99	2.00	2.07	14.95	90.9	8.6	12	10.60	27.6
N810451		8.00	0.016	1.02	7.31	27.7	750	1.90	2.12	2.49	11.60	53.2	20.4	10	9.40	11.2
N810452		6.86	0.070	2.66	5.77	42.0	1310	1.50	4.62	1.58	17.55	38.9	8.6	12	6.69	28.7
N810453		10.69	0.015	1.51	7.32	31.8	2030	1.89	2.44	3.16	17.05	73.8	20.3	8	9.81	28.8
N810454		9.62	0.009	0.24	7.52	20.8	1460	1.76	0.50	2.71	1.94	77.0	8.1	10	15.05	7.7
N810455		4.92	0.008	0.46	7.12	17.1	1110	1.55	0.64	2.95	0.80	55.4	13.5	11	13.40	4.4
N810456		4.55	0.005	0.16	7.68	16.5	960	1.71	0.44	2.85	0.74	50.6	7.7	11	8.47	3.1
N810457		2.13	<0.005	0.15	7.59	16.0	1030	1.69	0.41	2.76	0.48	57.2	8.8	11	8.20	4.0
N810458		12.15	<0.005	0.22	7.77	14.0	1840	1.78	0.40	2.54	1.06	45.2	6.6	11	7.50	6.7
N810459		5.81	0.035	0.81	7.52	34.0	1450	1.74	1.25	2.82	5.28	58.4	7.8	10	11.15	12.1
N810460		0.22	4.42	>100	5.48	6610	240	1.25	55.9	1.94	221	34.1	9.2	19	12.30	1250
N810461		10.81	0.007	0.31	7.84	15.7	1170	1.84	0.50	2.76	1.40	55.0	8.6	11	12.65	4.0
N810462		5.36	0.012	0.27	7.47	19.5	1400	1.68	0.51	2.77	1.93	47.8	9.7	12	12.10	4.7
N810463		5.84	0.723	1.69	7.69	1910	1490	1.62	1.24	1.67	38.1	59.8	6.4	10	9.87	45.3
N810464		7.96	0.183	1.49	7.53	172.5	940	1.69	1.82	2.43	20.7	46.7	21.0	9	13.30	17.4
N810465		3.61	<0.005	0.04	0.26	<5	40	0.11	0.03	20.7	0.23	2.54	0.6	1	0.39	2.3
N810466		4.86	0.038	0.43	7.81	68.7	1130	2.01	0.77	2.29	1.74	59.6	11.9	17	20.9	9.8
N810467		4.65	0.431	1.54	6.64	449	430	1.39	1.72	3.10	6.52	52.2	15.6	9	9.60	23.1
N810468		10.00	0.015	0.41	7.82	44.1	1470	1.77	0.73	2.79	1.73	55.4	12.4	10	14.30	18.6
N810469		8.00	0.018	0.47	7.40	21.3	1860	1.57	0.63	1.78	4.07	46.5	6.9	6	9.00	11.6
N810470		3.76	0.023	0.63	7.44	36.0	2250	1.41	1.28	0.68	0.84	48.9	9.4	7	8.32	20.1
N810471		10.83	0.007	0.20	7.99	15.6	2340	1.31	0.39	0.88	0.43	57.6	6.1	7	9.00	9.4
N810472		<0.02	0.009	0.20	8.11	15.7	2380	1.35	0.39	0.88	0.41	56.3	6.5	7	8.71	6.2
N810473		9.11	0.008	0.20	7.59	15.2	2030	1.65	0.41	2.20	0.63	56.1	6.6	8	9.15	3.1
N810474		10.92	0.009	0.28	7.48	15.9	2030	1.60	0.36	2.57	0.70	47.8	6.3	9	10.75	1.5
N810475		0.21	4.39	>100	5.47	6600	380	0.99	59.9	1.96	224	34.7	8.5	16	12.05	1255
N810476		11.38	0.046	0.43	7.75	25.9	2140	1.86	0.59	2.48	0.60	48.2	7.2	9	11.65	34.2
N810477		8.11	0.053	0.85	7.81	38.8	1910	1.75	1.65	1.52	2.35	45.5	8.0	9	12.60	23.5
N810478		4.67	3.19	49.2	6.49	1065	620	1.02	332	0.39	7.30	53.6	11.3	8	6.81	629
N810479		4.71	0.033	0.86	8.08	30.1	1130	1.76	2.06	1.38	2.29	50.9	6.8	7	13.60	15.3
N810480		3.02	0.006	0.10	0.08	<5	30	0.06	0.64	20.8	0.07	1.37	1.2	<1	0.14	3.2
N810481		7.76	0.760	1.40	8.24	1605	1310	1.49	1.81	1.10	1.82	55.8	7.7	9	13.10	66.7
N810482		4.97	0.895	2.22	7.54	730	930	1.64	2.60	1.91	2.54	51.4	7.6	9	15.75	128.5
N810483		6.28	1.370	32.5	6.98	524	220	0.86	65.8	0.92	3.26	77.9	10.7	8	6.94	105.5





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Plus Appendix Pages  
Finalized Date: 7-AUG-2012  
Account: ROCKHA

Project: Klaza - 82

**CERTIFICATE OF ANALYSIS WH12167651**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810448		5.68	16.35	0.14	1.0	0.488	3.31	29.1	21.2	0.62	966	2.25	0.06	5.8	1.4	530
N810449		4.94	16.60	0.09	1.2	0.516	3.27	24.8	17.7	0.68	1020	0.51	0.06	5.4	1.9	520
N810450		3.10	17.05	0.11	1.0	0.526	2.75	52.4	31.5	0.83	866	0.94	0.06	5.1	1.9	550
N810451		3.41	15.55	0.07	1.0	0.368	1.92	26.1	16.4	0.53	757	1.03	1.54	5.1	3.0	560
N810452		2.72	12.95	0.07	0.8	0.858	2.26	20.4	11.4	0.46	608	0.49	0.26	3.7	1.6	390
N810453		3.76	17.15	0.12	1.1	0.473	2.35	40.2	25.1	0.96	982	1.68	0.59	5.4	2.6	550
N810454		2.78	17.00	0.10	1.3	0.114	2.03	44.5	15.5	0.81	657	1.53	2.23	7.6	2.3	570
N810455		2.79	14.75	0.07	1.1	0.138	1.43	29.7	14.0	0.73	644	1.03	2.53	6.8	3.4	540
N810456		2.59	16.35	0.09	1.3	0.063	1.46	26.5	12.7	0.78	621	0.85	2.97	7.2	2.4	530
N810457		2.75	16.05	0.10	1.2	0.062	1.51	30.8	13.2	0.78	605	0.93	2.87	7.2	2.5	540
N810458		2.91	15.80	0.08	1.3	0.050	2.49	23.4	15.4	0.83	584	1.64	2.68	7.5	2.0	600
N810459		3.24	17.00	0.08	1.1	0.130	2.12	30.3	15.7	0.73	845	0.97	1.89	7.2	2.5	590
N810460		8.17	13.00	0.19	1.1	5.02	2.23	17.4	31.0	0.62	3020	15.30	0.08	5.6	11.9	450
N810461		2.83	16.80	0.08	1.2	0.054	1.75	29.8	13.4	0.76	679	0.81	2.67	7.2	2.4	590
N810462		3.02	15.85	0.08	1.2	0.096	1.81	24.2	13.7	0.76	667	0.46	2.68	7.2	2.4	590
N810463		3.17	17.95	0.17	1.3	0.292	2.37	33.2	21.0	0.53	582	0.56	1.36	8.3	1.8	560
N810464		3.95	15.65	0.09	1.2	0.436	2.56	24.3	12.3	0.67	848	0.80	1.27	5.9	2.8	510
N810465		0.52	0.57	<0.05	<0.1	0.010	0.10	1.4	2.2	12.55	238	0.08	0.01	0.2	1.4	240
N810466		2.96	18.15	0.09	2.7	0.089	2.81	32.8	23.5	0.93	830	1.64	0.12	8.5	6.9	740
N810467		5.43	15.55	0.10	0.9	0.332	2.92	26.9	11.7	0.71	1270	1.21	0.08	4.8	3.0	470
N810468		2.86	17.40	0.09	1.3	0.071	2.15	30.3	12.6	0.75	655	0.93	2.17	7.5	2.9	600
N810469		3.02	16.85	0.10	1.2	0.158	2.40	23.5	23.9	0.58	828	0.75	0.87	7.9	2.5	680
N810470		3.13	15.65	0.09	1.1	0.105	2.57	26.1	25.4	0.33	696	0.79	0.09	7.4	2.4	630
N810471		3.09	17.65	0.11	1.1	0.078	2.81	32.9	20.5	0.31	633	0.56	0.84	8.1	2.5	670
N810472		3.20	17.05	0.10	1.1	0.076	2.82	31.7	19.9	0.31	637	0.67	0.85	7.7	2.6	650
N810473		2.92	16.85	0.11	1.1	0.046	2.49	30.9	13.3	0.55	615	0.51	1.92	7.5	2.8	590
N810474		2.71	15.85	0.10	1.2	0.056	2.42	25.5	13.4	0.62	613	0.54	2.28	7.5	2.6	590
N810475		8.10	12.20	0.20	1.1	4.78	2.23	18.1	26.9	0.62	3010	16.00	0.09	6.0	11.9	460
N810476		2.93	16.30	0.19	1.0	0.095	2.60	25.9	14.4	0.63	644	0.80	2.27	8.5	1.2	600
N810477		3.43	16.30	0.17	1.0	0.199	3.15	24.0	21.7	0.62	804	0.86	0.55	8.1	1.5	610
N810478		9.75	15.00	0.26	0.9	0.587	2.95	26.9	9.8	0.37	356	10.70	0.05	6.3	2.3	430
N810479		3.75	17.00	0.17	1.1	0.221	3.10	28.2	41.1	0.69	969	0.86	0.07	8.8	1.7	600
N810480		0.47	0.33	0.12	<0.1	0.005	0.03	0.7	0.9	12.40	202	0.16	<0.01	0.3	<0.2	200
N810481		3.70	17.45	0.17	1.1	0.166	3.28	30.9	22.7	0.59	940	0.69	0.08	8.4	1.8	630
N810482		4.22	15.75	0.20	1.0	0.323	3.44	28.8	16.7	0.82	955	1.33	0.06	7.7	1.3	550
N810483		12.20	14.65	0.31	0.9	0.244	3.07	40.3	4.2	0.45	573	2.13	0.04	6.8	2.2	370



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**CERTIFICATE OF ANALYSIS WH12167651**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810448		178.5	190.5	<0.002	3.06	8.89	10.8	1	11.4	34.9	0.47	0.22	13.2	0.179	2.95	3.7
N810449		407	211	<0.002	2.16	5.27	10.3	<1	13.8	33.3	0.54	0.17	13.4	0.166	2.67	2.8
N810450		219	174.5	<0.002	1.02	6.07	10.7	1	7.8	90.4	0.48	0.24	13.6	0.158	2.25	4.6
N810451		139.0	96.1	<0.002	1.54	3.52	10.0	1	4.4	207	0.48	0.24	12.6	0.171	1.79	3.0
N810452		196.5	131.0	<0.002	1.02	4.78	7.8	<1	8.9	72.7	0.36	0.30	10.5	0.127	1.90	5.6
N810453		212	92.1	0.002	1.19	5.36	9.8	1	5.5	140.5	0.52	0.16	10.7	0.174	1.82	4.4
N810454		60.6	81.8	0.002	0.30	4.41	11.0	<1	3.4	358	0.68	0.11	12.3	0.233	1.14	3.9
N810455		33.5	67.3	0.002	0.90	4.85	9.5	1	3.1	264	0.64	0.10	11.5	0.218	1.01	3.4
N810456		37.9	64.2	<0.002	0.38	3.40	9.6	<1	2.1	361	0.67	<0.05	11.9	0.222	0.93	3.5
N810457		30.8	62.9	<0.002	0.45	3.30	9.9	1	2.1	359	0.70	0.08	12.8	0.231	0.84	3.9
N810458		54.1	81.3	<0.002	0.22	2.74	10.1	<1	1.7	468	0.73	<0.05	12.4	0.255	1.02	4.1
N810459		145.0	90.0	<0.002	0.66	7.75	11.0	1	2.6	302	0.65	0.10	12.8	0.225	1.26	3.9
N810460		9230	126.0	0.002	7.00	210	6.8	3	9.7	119.0	0.46	0.55	6.9	0.178	2.03	4.2
N810461		88.7	75.5	0.002	0.44	6.09	10.4	<1	2.0	339	0.65	0.07	13.7	0.230	1.06	3.7
N810462		77.2	74.8	<0.002	0.69	6.01	10.1	<1	2.5	366	0.66	0.07	13.9	0.226	1.12	3.8
N810463		351	114.0	<0.002	0.81	22.6	10.5	2	2.8	212	0.73	0.08	13.8	0.221	1.22	4.0
N810464		154.0	140.5	<0.002	1.80	10.55	9.3	<1	4.8	214	0.60	0.15	14.0	0.190	2.11	5.4
N810465		3.4	5.0	<0.002	0.01	0.17	0.5	<1	0.2	44.5	<0.05	<0.05	0.5	0.006	0.08	0.7
N810466		72.1	150.0	<0.002	0.85	15.50	10.3	1	2.2	130.5	0.75	0.09	13.1	0.253	3.00	6.9
N810467		210	186.5	<0.002	3.79	12.25	9.0	1	7.5	129.0	0.46	0.14	11.9	0.156	2.75	4.6
N810468		66.1	105.0	<0.002	0.83	6.12	11.8	1	2.0	339	0.59	0.08	15.4	0.227	1.39	4.5
N810469		102.0	91.7	0.002	0.41	14.30	11.4	1	2.4	195.0	0.59	0.06	12.6	0.264	1.26	2.7
N810470		39.9	106.5	<0.002	1.00	26.0	11.1	1	2.3	74.6	0.55	0.29	13.3	0.249	1.32	2.3
N810471		20.9	108.5	<0.002	0.26	12.60	12.8	1	2.5	176.5	0.61	<0.05	15.8	0.270	1.16	3.2
N810472		19.8	105.5	<0.002	0.29	12.10	12.2	1	2.4	178.0	0.58	0.05	15.0	0.263	1.15	2.9
N810473		31.0	92.2	<0.002	0.27	5.33	11.9	1	1.7	366	0.56	0.05	14.4	0.248	1.03	3.8
N810474		45.7	85.1	<0.002	0.31	3.36	11.7	1	1.7	400	0.57	0.05	14.1	0.251	0.95	4.0
N810475		9600	116.5	0.002	7.21	219	7.3	3	9.4	119.0	0.47	0.58	9.9	0.183	2.16	6.0
N810476		42.1	100.5	<0.002	0.39	4.62	10.7	1	1.9	387	0.66	0.09	14.6	0.249	1.09	3.8
N810477		109.0	166.5	<0.002	0.93	8.51	10.8	1	2.2	148.0	0.65	0.26	14.9	0.241	2.28	3.8
N810478		948	139.0	<0.002	9.52	109.0	8.7	3	10.7	22.3	0.54	10.15	11.9	0.192	2.52	4.3
N810479		85.7	179.0	<0.002	1.18	10.75	12.1	1	3.3	121.5	0.68	0.26	14.6	0.255	2.37	3.8
N810480		3.6	1.3	<0.002	0.03	0.29	0.3	1	<0.2	44.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N810481		151.0	185.0	<0.002	1.01	22.7	11.6	1	3.4	89.8	0.68	0.28	16.0	0.248	2.50	4.8
N810482		144.0	212	<0.002	2.13	10.15	10.2	1	4.4	96.8	0.64	0.50	14.7	0.227	2.75	5.9
N810483		228	136.0	<0.002	>10.0	8.83	8.2	7	12.6	29.0	0.56	23.6	13.2	0.207	2.11	4.4



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**CERTIFICATE OF ANALYSIS WH12167651**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810448		61	5.2	10.1	631	26.0		
N810449		62	5.7	9.1	943	28.6		
N810450		58	2.7	17.3	1000	24.8		
N810451		68	1.4	15.8	835	24.4		
N810452		53	2.7	13.6	1250	19.4		
N810453		71	3.1	17.3	1160	25.9		
N810454		69	1.5	17.9	154	30.4		
N810455		68	1.7	15.6	94	26.5		
N810456		63	1.1	15.4	82	28.5		
N810457		66	1.0	16.0	68	28.8		
N810458		71	1.2	16.3	110	31.3		
N810459		68	1.3	18.9	415	28.6		
N810460		53	4.8	8.5	>10000	31.2	125	1.605
N810461		69	1.1	17.3	151	27.9		
N810462		67	1.1	16.8	172	28.8		
N810463		61	2.4	16.3	2180	33.5		
N810464		64	2.2	14.4	1440	29.2		
N810465		4	0.1	1.0	24	1.0		
N810466		74	2.8	15.3	168	82.4		
N810467		60	4.7	12.2	463	21.2		
N810468		75	1.4	16.4	149	32.7		
N810469		76	3.1	17.4	284	29.2		
N810470		66	3.8	15.3	100	24.8		
N810471		74	4.0	17.4	76	27.8		
N810472		73	3.9	16.9	73	26.0		
N810473		67	2.2	17.6	81	26.4		
N810474		70	1.4	16.8	93	26.9		
N810475		52	4.8	9.2	>10000	31.4	123	1.585
N810476		69	2.1	18.3	81	27.4		
N810477		72	2.5	16.2	219	25.5		
N810478		60	10.7	15.3	559	21.1		
N810479		73	3.0	17.4	215	27.3		
N810480		2	0.2	0.8	19	0.5		
N810481		72	4.6	16.7	221	27.6		
N810482		63	3.9	15.4	272	26.4		
N810483		59	22.5	11.7	311	22.0		



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**CERTIFICATE OF ANALYSIS WH12167651**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12167652**

Project: Klaza - 84

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12167652**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813001		7.52	<0.005	0.11	7.81	5.4	2150	1.66	0.22	2.91	0.13	40.5	8.6	7	12.80	28.3
N813002		0.26	2.41	24.0	5.93	2830	1360	1.31	18.70	2.15	74.1	42.1	9.8	16	13.90	433
N813003		2.07	<0.005	0.16	5.93	14.3	2480	1.52	0.21	2.73	0.32	22.6	8.3	7	19.10	41.7
N813004		3.88	<0.005	0.12	7.54	3.9	2100	1.60	0.18	3.04	0.13	41.2	9.0	7	12.15	24.1
N813005		3.70	<0.005	0.12	7.48	8.0	2400	1.68	0.20	2.70	0.18	36.8	8.1	7	20.1	19.6
N813006		5.08	0.035	0.64	6.52	133.5	930	1.29	0.28	4.97	0.57	39.0	6.7	5	17.40	9.2
N813007		3.51	0.009	0.24	6.46	74.1	850	1.28	0.17	4.92	0.32	47.4	6.9	5	15.00	3.6
N813008		5.70	<0.005	0.09	7.76	4.7	2170	1.71	0.16	3.19	0.14	42.8	8.6	8	19.75	7.9
N813009		1.44	<0.005	0.01	0.08	<5	20	<0.05	0.02	21.7	0.06	1.07	1.2	<1	0.29	6.3
N813010		4.15	<0.005	0.14	7.73	9.4	2160	1.60	0.18	3.14	0.18	42.2	8.7	7	16.80	10.8
N813011		6.06	<0.005	0.09	7.14	2.9	1850	1.32	0.14	3.71	0.14	39.9	8.8	7	14.45	6.4
N813012		6.72	<0.005	0.09	6.75	4.0	1840	1.51	0.15	3.75	0.12	32.8	8.1	6	20.2	11.2
N813013		4.00	<0.005	0.10	7.37	4.9	1870	1.61	0.16	3.04	0.12	35.7	8.1	7	15.70	15.0
N813014		4.84	<0.005	0.09	7.73	15.1	2350	1.62	0.20	2.85	0.12	42.8	8.4	8	14.95	14.1
N813015		<0.02	<0.005	0.09	7.67	4.0	2350	1.75	0.20	2.78	0.11	42.6	8.6	8	15.20	15.3
N813016		8.49	0.005	0.08	7.57	7.7	1970	1.65	0.16	2.87	0.17	42.7	8.4	9	10.60	14.1
N813017		5.54	<0.005	0.08	7.95	2.8	1960	1.76	0.14	2.93	0.17	48.0	8.5	8	12.25	9.8
N813018		5.99	<0.005	0.12	7.75	4.0	2160	1.64	0.24	2.63	0.21	44.6	7.9	9	16.80	14.3
N813019		0.26	2.15	25.7	6.19	2940	1310	1.28	19.70	2.26	77.4	43.4	10.2	17	14.30	443
N813020		2.33	<0.005	0.17	7.33	23.3	1940	1.64	0.39	2.23	0.20	36.8	8.3	7	31.1	28.2
N813021		2.85	0.006	0.35	4.88	39.1	2410	1.23	0.17	3.12	0.34	28.9	8.2	8	19.80	16.8
N813022		4.56	<0.005	0.08	7.26	5.2	1990	1.34	0.14	2.57	0.14	48.3	8.0	9	21.8	7.3
N813023		2.29	0.064	0.35	6.50	77.7	990	1.25	0.42	1.44	0.44	43.3	18.3	8	17.05	10.2
N813024		2.17	<0.005	0.01	0.11	<5	30	0.09	0.03	21.6	0.07	1.17	1.5	2	0.32	1.7
N813025		6.92	<0.005	0.14	7.23	16.9	1730	1.40	0.17	2.19	0.16	44.5	8.1	9	26.4	15.4
N813026		8.07	<0.005	0.10	7.32	20.2	1450	1.50	0.15	2.18	0.18	44.1	8.8	8	32.3	10.3
N813027		4.74	<0.005	0.09	6.97	6.9	1680	1.34	0.10	2.85	0.12	48.2	8.1	8	22.9	9.4
N813028		2.45	<0.005	0.12	6.91	13.2	1530	1.31	0.14	2.82	0.28	45.3	8.4	8	19.05	9.3
N813029		3.00	<0.005	0.09	7.33	2.4	1950	1.38	0.10	2.90	0.09	47.3	8.0	10	12.80	7.0
N813030		3.48	<0.005	0.03	6.93	5.2	1980	1.43	0.11	2.88	0.10	36.7	8.0	8	13.50	7.9
N813031		4.64	<0.005	0.09	7.23	8.8	1830	1.30	0.15	3.52	0.20	51.3	7.6	11	12.00	9.5
N813032		5.68	0.031	0.19	7.20	31.8	1030	1.41	0.67	5.15	0.10	62.2	15.0	7	23.4	4.9
N813033		2.87	0.010	0.11	7.24	15.0	970	1.39	0.29	4.38	0.09	60.4	11.3	8	19.10	4.4
N813034		3.04	<0.005	0.16	7.43	4.6	1760	1.49	0.17	2.89	0.19	50.3	8.2	11	7.43	35.9
N813035		2.15	0.016	1.04	7.07	147.0	1470	1.17	1.27	5.80	0.30	60.9	9.4	6	6.71	358
N813036		2.68	0.006	0.16	6.66	25.5	1270	1.36	0.12	4.60	0.13	49.9	8.8	8	13.50	13.1



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**CERTIFICATE OF ANALYSIS WH12167652**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813001		3.26	16.65	0.17	1.4	0.037	2.38	21.6	18.7	0.76	588	0.71	2.01	9.1	0.9	680
N813002		6.58	13.10	0.19	1.0	1.675	2.53	23.3	21.3	0.89	1840	13.35	0.05	6.2	13.1	440
N813003		3.19	15.80	0.16	1.1	0.042	2.28	9.7	35.6	0.15	1020	2.35	0.11	8.3	1.0	600
N813004		3.20	16.35	0.17	1.3	0.039	2.33	20.7	18.7	0.71	655	0.89	2.06	8.7	0.7	670
N813005		3.31	16.40	0.18	1.3	0.038	2.35	18.2	25.7	0.44	697	2.13	1.42	8.8	1.0	660
N813006		3.94	13.35	0.18	0.9	0.132	2.85	21.5	10.3	0.60	3980	4.01	0.09	6.7	<0.2	520
N813007		3.92	13.40	0.17	0.9	0.181	2.89	25.6	9.7	0.66	3540	1.66	0.07	6.7	<0.2	530
N813008		3.27	16.75	0.16	1.3	0.045	2.45	21.5	12.0	0.65	719	1.90	2.22	9.0	0.7	680
N813009		0.51	0.38	0.14	<0.1	<0.005	0.03	0.5	0.9	12.85	239	0.11	0.01	0.3	<0.2	170
N813010		3.25	17.50	0.17	1.3	0.045	2.48	21.4	22.4	0.66	731	1.68	2.04	8.9	0.8	670
N813011		3.15	16.35	0.16	1.3	0.038	2.21	20.8	24.3	0.85	732	2.74	1.10	8.6	0.3	670
N813012		2.93	16.25	0.16	1.2	0.037	2.26	16.2	18.1	0.48	744	7.63	1.54	8.5	<0.2	630
N813013		3.03	16.75	0.17	1.2	0.038	2.43	17.2	21.9	0.52	671	2.52	1.42	9.0	0.7	660
N813014		3.24	16.35	0.17	1.3	0.044	2.53	21.6	17.3	0.71	706	1.88	1.98	8.9	1.0	650
N813015		3.16	16.30	0.19	1.2	0.043	2.47	21.9	16.6	0.69	682	2.06	1.94	8.8	1.0	630
N813016		3.08	16.10	0.18	1.3	0.040	2.40	22.3	15.5	0.80	707	1.29	2.14	8.6	1.0	630
N813017		3.27	16.70	0.20	1.3	0.041	2.46	25.1	15.6	0.81	774	1.20	2.15	9.0	0.9	640
N813018		3.03	16.15	0.19	1.2	0.039	2.63	23.9	13.1	0.69	655	1.04	2.18	8.6	0.9	640
N813019		6.92	13.65	0.18	1.0	1.735	2.62	23.8	22.2	0.93	1920	14.00	0.05	6.4	14.0	450
N813020		2.82	16.65	0.17	1.2	0.041	2.29	17.9	71.7	0.21	659	2.22	0.46	8.7	1.2	640
N813021		3.34	13.65	0.16	0.9	0.046	1.59	14.1	149.5	0.22	1560	8.37	0.03	6.4	2.6	440
N813022		3.14	17.35	0.19	1.2	0.038	2.50	24.9	28.3	0.48	684	1.96	1.48	8.1	2.6	610
N813023		4.84	14.85	0.18	1.0	0.149	2.54	23.3	34.0	0.45	1580	3.00	0.05	7.1	2.9	530
N813024		0.49	0.36	0.28	<0.1	<0.005	0.05	0.6	1.2	12.75	214	0.62	0.01	0.3	3.5	180
N813025		3.28	16.45	0.20	1.1	0.045	2.47	22.8	134.5	0.48	721	1.63	0.64	7.4	2.5	610
N813026		3.25	17.15	0.22	1.1	0.050	2.41	23.4	107.5	0.56	796	5.17	0.57	7.7	2.6	600
N813027		2.97	17.15	0.23	1.1	0.035	2.43	25.2	151.0	0.72	653	0.76	1.19	7.7	2.5	570
N813028		3.39	16.60	0.23	1.1	0.084	2.54	23.5	22.4	0.78	1200	0.83	1.14	7.5	2.6	580
N813029		3.21	17.00	0.22	1.2	0.040	2.47	24.6	16.6	0.82	659	0.77	2.17	7.9	2.6	610
N813030		2.88	15.75	0.11	1.0	0.040	2.48	17.5	19.1	0.74	658	0.90	1.99	7.5	3.1	610
N813031		3.14	16.15	0.23	1.1	0.043	2.54	27.8	13.5	0.79	870	0.96	1.67	7.5	2.7	590
N813032		4.94	16.05	0.26	1.3	0.080	2.86	34.9	39.4	1.26	2220	0.61	0.38	7.9	3.3	620
N813033		4.32	13.55	0.24	1.2	0.073	2.82	34.2	33.4	1.30	1860	0.61	0.56	7.9	2.7	610
N813034		3.10	17.45	0.23	1.4	0.039	2.49	26.5	10.9	0.80	646	1.39	2.07	8.2	2.7	600
N813035		3.62	14.25	0.23	1.4	0.040	1.30	34.2	9.8	1.20	1350	0.19	3.63	6.8	2.5	560
N813036		3.31	15.85	0.23	1.1	0.077	2.54	26.8	11.4	0.77	1860	0.75	1.14	7.7	2.6	580



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**CERTIFICATE OF ANALYSIS WH12167652**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813001		18.1	96.0	<0.002	0.02	4.44	12.4	1	2.8	369	0.70	<0.05	11.8	0.298	1.00	1.5
N813002		2720	145.0	0.002	4.80	86.2	7.9	2	8.3	87.4	0.50	0.43	11.0	0.179	2.25	5.4
N813003		18.6	74.6	<0.002	0.04	25.6	9.1	1	2.0	64.9	0.60	<0.05	6.0	0.282	1.34	2.5
N813004		16.0	79.7	<0.002	0.02	3.22	11.9	1	2.3	381	0.69	<0.05	11.0	0.290	0.93	1.3
N813005		17.5	82.9	<0.002	0.01	8.84	11.4	1	3.6	271	0.72	<0.05	9.7	0.290	1.05	1.5
N813006		26.0	157.5	<0.002	0.07	18.90	9.9	1	2.1	96.3	0.52	<0.05	11.2	0.235	2.18	5.3
N813007		16.9	147.0	<0.002	0.10	22.1	10.0	1	1.9	86.6	0.51	<0.05	11.0	0.236	2.09	6.3
N813008		19.3	96.6	<0.002	<0.01	2.31	13.0	1	1.9	418	0.72	<0.05	11.9	0.297	1.11	1.6
N813009		1.5	2.0	<0.002	0.01	0.05	0.3	1	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N813010		23.9	96.5	<0.002	0.01	2.83	12.9	1	1.9	382	0.71	<0.05	11.9	0.291	1.12	1.7
N813011		18.1	69.7	<0.002	<0.01	3.16	11.7	1	1.8	246	0.71	<0.05	9.9	0.285	0.88	2.0
N813012		18.2	71.7	<0.002	<0.01	2.61	11.1	1	2.2	302	0.69	<0.05	8.4	0.278	1.01	2.2
N813013		17.4	87.5	<0.002	0.01	6.26	12.1	1	2.1	272	0.76	<0.05	11.1	0.286	1.07	2.0
N813014		19.3	95.1	<0.002	0.02	3.44	12.4	1	2.0	362	0.77	<0.05	12.0	0.287	1.07	2.2
N813015		19.1	99.4	<0.002	0.02	3.42	12.6	1	2.1	354	0.75	<0.05	12.4	0.277	1.05	2.2
N813016		22.0	89.1	<0.002	0.03	0.97	12.4	1	1.8	388	0.72	<0.05	12.2	0.275	0.94	1.9
N813017		23.7	100.5	<0.002	0.01	1.51	13.8	1	1.9	379	0.73	<0.05	13.3	0.289	0.99	2.2
N813018		27.9	106.5	<0.002	0.04	1.71	12.1	1	1.8	376	0.71	<0.05	13.1	0.273	1.15	1.9
N813019		2860	153.0	0.002	5.01	89.6	8.6	2	8.4	93.1	0.51	0.40	11.5	0.184	2.34	5.5
N813020		24.3	88.5	<0.002	0.09	21.9	11.4	1	2.6	162.5	0.73	<0.05	10.6	0.279	1.76	2.7
N813021		30.1	66.4	<0.002	0.10	37.7	8.3	1	2.0	140.5	0.51	<0.05	8.1	0.219	1.59	5.2
N813022		17.8	106.5	<0.002	0.02	7.19	11.7	1	1.8	291	0.67	<0.05	13.2	0.279	1.06	2.5
N813023		37.8	141.5	<0.002	0.96	19.05	11.0	1	2.3	68.5	0.57	<0.05	12.9	0.249	1.95	5.3
N813024		1.3	2.2	<0.002	0.01	0.06	0.4	1	<0.2	39.8	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N813025		18.5	103.0	<0.002	0.09	15.20	11.1	1	2.6	181.0	0.63	<0.05	13.2	0.276	1.42	3.9
N813026		16.2	123.0	<0.002	0.08	12.60	12.0	1	1.9	182.0	0.61	<0.05	11.5	0.272	1.75	3.7
N813027		17.0	98.6	<0.002	0.03	8.87	11.9	1	1.8	282	0.61	<0.05	13.3	0.273	1.10	3.0
N813028		22.8	123.0	<0.002	0.16	4.22	11.8	1	2.3	232	0.58	<0.05	12.6	0.258	1.42	2.9
N813029		16.8	104.5	<0.002	0.01	1.79	12.6	1	1.8	383	0.63	<0.05	12.7	0.283	0.92	2.1
N813030		17.3	87.0	0.002	0.01	1.93	10.4	1	1.6	370	0.65	<0.05	9.7	0.269	0.98	1.9
N813031		21.1	108.5	<0.002	0.04	5.31	11.5	1	1.9	330	0.61	<0.05	14.3	0.269	1.07	2.7
N813032		9.9	141.0	<0.002	1.20	13.35	12.0	1	2.2	165.5	0.62	<0.05	14.9	0.271	1.73	8.5
N813033		10.4	145.0	<0.002	0.57	13.30	12.2	1	2.1	176.5	0.62	<0.05	15.2	0.281	1.62	4.7
N813034		18.1	106.0	<0.002	0.02	2.60	12.5	2	2.0	365	0.69	<0.05	13.8	0.275	0.87	3.1
N813035		12.0	68.6	<0.002	0.59	16.65	11.3	2	2.0	253	0.58	0.12	14.6	0.233	0.68	6.5
N813036		13.6	142.0	<0.002	0.39	4.73	12.1	2	1.9	275	0.60	<0.05	13.1	0.264	1.49	4.8





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**CERTIFICATE OF ANALYSIS WH12167652**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813001		86	1.2	17.2	52	36.5
N813002		55	5.4	9.9	5110	25.1
N813003		87	4.0	10.7	80	27.0
N813004		85	1.2	17.4	49	31.9
N813005		86	1.8	15.4	58	32.1
N813006		68	2.7	14.9	79	24.9
N813007		70	3.2	14.7	68	24.1
N813008		89	1.2	18.1	57	31.1
N813009		2	0.1	0.9	14	<0.5
N813010		85	4.7	17.0	62	31.1
N813011		85	3.7	18.8	59	31.1
N813012		82	2.6	16.1	54	28.8
N813013		84	2.9	16.0	61	29.9
N813014		85	4.1	18.1	63	29.8
N813015		81	3.1	18.3	61	28.7
N813016		80	1.7	17.3	63	30.4
N813017		86	2.2	19.6	65	30.7
N813018		80	2.3	17.5	67	31.8
N813019		57	5.5	10.4	5610	27.2
N813020		81	2.4	13.5	62	30.8
N813021		68	4.6	12.7	70	27.3
N813022		80	3.9	16.9	53	34.4
N813023		75	4.2	13.5	116	26.8
N813024		3	0.1	0.7	11	<0.5
N813025		80	3.1	15.4	62	30.8
N813026		79	1.9	15.5	62	31.0
N813027		80	1.2	16.7	54	31.8
N813028		75	2.1	15.7	70	30.9
N813029		83	0.8	16.8	53	32.9
N813030		77	0.8	13.9	54	28.1
N813031		76	2.1	16.6	64	31.4
N813032		71	3.3	16.9	84	37.3
N813033		65	2.0	15.4	80	34.9
N813034		78	2.9	17.6	58	38.6
N813035		60	4.6	16.8	86	37.9
N813036		78	1.5	17.8	53	30.2



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**CERTIFICATE OF ANALYSIS WH12167652**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12167653**

Project: Klaza - 84

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
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Finalized Date: 5-AUG-2012  
Account: ROCKHA

Project: Klaza - 84

**CERTIFICATE OF ANALYSIS WH12167653**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813037		3.34	<0.005	1.04	7.60	12.8	2020	1.55	0.08	2.94	0.16	45.4	7.9	18	5.52	16.4
N813038		3.92	<0.005	0.45	7.83	8.8	2190	1.73	0.07	3.04	0.09	44.4	8.6	16	6.01	12.2
N813039		6.86	<0.005	0.36	7.36	7.3	2040	1.60	0.07	3.56	0.13	41.4	8.7	12	10.55	10.2
N813040		0.26	0.815	10.10	6.77	1980	190	1.77	6.63	2.01	43.8	39.8	17.5	21	16.75	113.0
N813041		2.11	0.006	0.32	7.19	17.2	1460	1.66	0.09	3.32	0.21	39.7	7.6	12	14.95	8.5
N813042		2.02	<0.005	1.36	6.74	22.2	840	1.41	3.15	5.17	0.60	36.6	8.0	7	10.85	79.5
N813043		4.46	<0.005	0.76	7.27	7.1	1890	1.62	0.81	2.97	0.87	39.8	8.2	12	8.97	26.2
N813044		2.95	<0.005	0.78	7.43	6.1	1920	1.58	1.20	2.85	0.89	36.1	7.7	11	8.11	26.1
N813045		3.61	<0.005	0.21	6.20	6.6	1000	1.31	0.65	8.03	0.13	46.8	6.1	7	12.85	8.7
N813046		2.75	<0.005	0.04	0.05	<5	20	<0.05	0.02	21.5	0.07	1.09	0.5	<1	0.12	2.3
N813047		2.84	0.044	0.53	7.11	72.6	440	1.61	0.15	3.45	0.46	56.4	7.4	7	17.50	4.5
N813048		5.19	<0.005	0.16	7.76	14.1	1000	1.90	2.51	1.78	0.12	35.9	6.9	9	15.10	6.6
N813049		3.14	<0.005	0.17	7.34	13.3	540	1.72	3.36	1.16	0.08	56.1	6.8	10	18.30	11.6
N813050		2.64	<0.005	0.29	7.38	11.0	1250	1.70	2.11	2.08	0.19	46.0	8.6	9	10.85	2.2
N813051		4.94	<0.005	0.10	7.75	3.7	1940	1.60	0.11	2.76	0.09	45.9	8.2	12	9.42	13.5
N813052		4.34	<0.005	0.11	7.23	3.6	1880	1.54	0.06	2.92	0.09	43.6	8.9	12	9.21	10.6
N813053		7.46	<0.005	0.14	7.49	3.7	2060	1.64	0.05	2.82	0.12	46.4	8.6	13	9.93	10.9
N813054		0.28	2.39	24.0	5.74	3320	1480	1.33	18.75	2.12	76.2	42.3	9.9	17	13.15	408
N813055		5.59	<0.005	0.29	7.69	4.8	1990	1.63	0.09	3.05	0.16	45.3	9.2	13	7.75	12.9
N813056		3.10	<0.005	0.10	7.11	3.5	1830	1.54	0.13	2.90	0.07	42.4	7.8	11	16.85	10.8
N813057		3.87	0.031	1.02	7.02	174.5	1290	1.33	0.16	3.34	7.53	49.4	8.0	13	17.05	18.5
N813058		2.72	0.029	1.04	4.03	207	500	0.98	0.08	6.10	3.04	28.1	5.5	6	10.90	12.2
N813059		2.64	<0.005	0.08	0.08	<5	30	0.10	0.01	20.3	0.10	1.19	0.6	<1	0.19	2.1
N813060		2.85	<0.005	0.21	7.13	31.8	1360	1.47	0.06	2.79	0.36	42.7	7.2	8	19.45	10.3
N813061		3.94	<0.005	0.30	7.13	23.8	1800	1.73	0.07	2.78	0.14	39.2	8.4	12	17.35	12.8
N813062		3.00	0.016	0.59	7.21	50.4	1540	1.60	0.09	2.64	0.17	47.7	8.3	12	13.85	16.8
N813063		4.55	<0.005	0.11	7.27	7.1	1910	1.55	0.07	3.07	0.12	45.2	8.7	12	14.30	11.5
N813064		6.27	<0.005	0.12	7.14	5.7	1860	1.59	0.08	3.05	0.12	42.5	8.8	14	13.35	11.9
N813065		2.43	0.007	2.34	6.90	168.0	1590	1.52	0.12	4.08	0.58	41.6	8.7	9	13.45	17.6
N813066		6.54	0.008	0.61	6.81	39.3	1690	1.49	0.09	2.74	0.26	39.9	7.9	14	12.15	11.8
N813901		<0.02	0.011	0.55	6.97	38.8	1750	1.42	0.08	2.84	0.25	38.6	7.7	11	11.90	11.3
N813067		2.26	<0.005	0.13	7.04	32.6	1980	1.33	0.08	2.79	0.13	40.2	8.2	13	12.50	15.5
N813068		5.69	0.013	0.85	7.22	124.5	930	1.56	0.13	2.56	6.46	48.3	6.8	10	12.80	13.6
N813069		2.48	0.007	0.57	7.39	111.0	1730	1.60	0.15	2.64	0.22	46.8	8.4	11	17.75	17.2
N813070		3.18	<0.005	0.13	6.69	14.9	1550	1.41	0.11	3.32	0.18	35.7	8.5	9	17.20	12.2
N813071		2.51	<0.005	0.09	7.85	4.1	1890	1.40	0.09	2.74	0.09	46.0	7.9	12	11.85	10.0



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Finalized Date: 5-AUG-2012  
Account: ROCKHA

Project: Klaza - 84

**CERTIFICATE OF ANALYSIS WH12167653**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813037		3.29	16.10	0.11	1.3	0.027	2.41	20.8	12.1	1.01	933	0.82	2.30	7.4	4.8	640
N813038		3.46	16.80	0.11	1.4	0.038	2.56	21.7	11.9	1.03	937	0.63	2.38	7.8	3.8	680
N813039		3.27	16.75	0.13	1.3	0.033	2.55	20.0	16.3	0.90	920	0.91	2.01	7.9	3.5	650
N813040		5.58	16.05	0.12	1.5	0.899	2.94	19.7	26.8	0.73	2100	12.75	0.28	7.5	16.5	540
N813041		3.55	15.35	0.12	1.2	0.116	2.87	17.8	14.3	0.81	2090	0.61	1.17	7.1	2.9	650
N813042		3.63	15.45	0.13	1.2	0.105	1.81	17.8	28.1	0.66	1180	7.46	0.30	7.3	2.7	640
N813043		3.43	16.60	0.11	1.4	0.074	2.30	17.3	13.7	0.85	872	1.02	1.95	7.7	3.0	660
N813044		3.46	15.60	0.12	1.3	0.082	2.34	16.8	13.5	0.86	843	1.27	1.97	7.4	3.0	670
N813045		2.39	13.10	0.11	1.1	0.050	1.91	26.3	26.7	0.65	1350	0.38	0.29	5.8	2.2	510
N813046		0.48	0.16	0.08	<0.1	0.005	0.02	0.5	0.9	13.20	223	0.14	0.01	0.1	2.0	170
N813047		4.53	14.60	0.16	1.4	0.348	3.06	32.7	43.2	1.19	4010	0.78	0.11	6.9	2.9	610
N813048		3.98	20.0	0.15	1.7	0.325	1.95	15.8	56.1	0.57	1510	0.41	0.18	8.9	2.5	770
N813049		3.93	18.00	0.14	1.6	0.381	1.33	31.8	42.0	0.54	1610	0.26	0.06	9.3	2.4	790
N813050		3.62	14.80	0.15	1.5	0.074	2.28	22.8	28.9	0.84	2370	0.43	0.07	7.5	2.9	690
N813051		3.18	16.30	0.12	1.6	0.039	2.49	22.3	22.7	0.80	725	0.96	1.67	8.0	2.9	630
N813052		3.39	16.05	0.13	1.3	0.030	2.35	20.3	17.9	0.94	896	0.92	2.06	8.3	2.9	620
N813053		3.15	16.30	0.12	1.2	0.024	2.51	22.7	22.3	0.91	705	1.61	2.16	7.8	2.7	600
N813054		6.42	13.30	0.14	0.9	1.800	2.46	22.3	24.2	0.87	1820	12.25	0.04	5.5	14.3	420
N813055		3.33	16.50	0.13	1.3	0.028	2.39	20.9	18.7	0.98	815	3.30	2.16	7.8	2.6	630
N813056		3.00	15.80	0.12	1.2	0.037	2.43	20.6	12.4	0.71	698	0.99	1.83	7.4	2.4	590
N813057		3.44	14.40	0.12	1.1	0.095	2.74	26.4	29.5	0.97	2770	1.38	0.22	6.4	2.3	540
N813058		3.50	8.63	0.09	0.7	0.097	1.63	16.2	31.6	1.88	6380	0.70	0.06	3.9	1.8	290
N813059		0.45	0.22	0.08	<0.1	<0.005	0.02	0.6	1.2	12.30	217	0.19	0.01	0.2	1.3	140
N813060		2.79	15.25	0.13	1.2	0.025	2.48	20.6	59.6	0.84	1250	0.90	0.13	7.3	2.2	600
N813061		3.20	16.65	0.13	1.4	0.058	2.65	20.4	14.0	0.77	1300	1.19	1.73	8.0	2.7	600
N813062		3.67	15.60	0.13	1.4	0.152	3.10	21.8	15.2	0.84	2580	1.17	1.25	7.5	2.5	610
N813063		3.20	15.85	0.13	1.4	0.024	2.47	22.4	15.8	0.85	865	1.61	1.95	8.2	2.7	650
N813064		3.13	16.35	0.12	1.3	0.028	2.53	20.6	14.9	0.86	1000	0.90	1.83	8.0	2.9	610
N813065		3.26	15.80	0.12	1.1	0.060	2.82	20.5	28.7	0.99	2150	0.70	0.88	7.1	2.6	580
N813066		3.38	15.85	0.12	1.1	0.045	2.49	19.4	19.8	0.82	1840	1.63	1.53	7.2	2.6	580
N813901		3.48	15.85	0.13	1.2	0.051	2.49	18.1	19.8	0.83	1860	0.97	1.59	7.4	2.6	600
N813067		3.23	15.35	0.11	1.2	0.028	2.44	19.0	16.3	0.80	828	1.79	1.92	7.3	2.7	640
N813068		3.88	14.75	0.12	1.0	0.182	2.87	25.9	80.5	0.92	5240	0.74	0.09	7.0	2.4	580
N813069		3.41	16.45	0.14	1.2	0.082	2.76	22.6	15.8	0.73	1600	2.87	1.61	7.8	2.7	630
N813070		3.15	15.00	0.12	1.1	0.014	2.25	17.7	46.1	0.94	954	4.19	1.00	7.1	2.5	590
N813071		3.18	17.05	0.12	1.5	0.033	2.44	21.6	25.6	0.75	712	1.00	1.43	8.5	2.6	740



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**CERTIFICATE OF ANALYSIS WH12167653**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813037		27.1	81.4	0.002	0.01	2.53	10.6	1	1.7	448	0.65	<0.05	11.6	0.271	1.04	3.3
N813038		22.2	90.5	<0.002	0.04	1.80	11.7	1	1.8	423	0.67	<0.05	12.0	0.289	1.16	4.6
N813039		22.2	86.9	<0.002	0.05	2.49	11.0	1	1.8	432	0.67	<0.05	10.6	0.280	1.21	4.7
N813040		1420	146.0	0.002	3.34	35.1	9.0	2	6.2	156.5	0.65	0.31	11.2	0.215	2.79	5.2
N813041		26.2	108.5	0.002	0.32	5.19	10.3	1	1.9	273	0.62	<0.05	10.3	0.272	2.03	5.0
N813042		69.6	53.8	0.003	0.18	16.40	11.2	1	5.0	155.0	0.58	<0.05	9.5	0.270	1.47	6.4
N813043		67.8	76.5	0.002	0.07	4.72	11.5	2	3.0	394	0.67	0.06	10.2	0.283	1.25	3.6
N813044		65.5	78.3	<0.002	0.06	4.14	10.9	1	2.9	386	0.63	0.06	10.0	0.284	1.18	3.4
N813045		17.3	94.9	0.003	0.04	12.60	10.2	1	2.6	214	0.50	0.18	10.4	0.210	1.18	4.7
N813046		1.9	0.9	0.003	0.01	0.20	0.2	<1	0.2	48.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N813047		55.8	195.5	0.003	1.04	17.05	11.1	2	1.6	118.0	0.61	<0.05	13.0	0.251	3.29	6.0
N813048		18.8	66.1	<0.002	0.04	36.9	12.7	1	5.8	114.0	0.79	<0.05	10.5	0.309	1.45	2.9
N813049		13.9	82.5	0.003	0.01	41.5	13.8	1	9.3	71.7	0.82	<0.05	16.9	0.334	1.06	2.7
N813050		13.9	102.0	<0.002	0.16	18.30	11.9	1	2.0	78.9	0.67	0.06	12.8	0.283	1.79	4.2
N813051		18.2	99.9	<0.002	0.01	3.72	11.5	1	1.7	353	0.72	<0.05	13.3	0.280	0.93	3.3
N813052		15.2	93.2	<0.002	0.01	1.87	12.0	1	1.7	391	0.64	<0.05	11.2	0.301	0.98	2.8
N813053		15.7	102.0	<0.002	0.01	1.69	12.2	1	1.7	413	0.59	<0.05	13.0	0.286	0.94	3.7
N813054		2640	160.0	<0.002	4.61	85.2	7.4	1	7.3	88.1	0.42	0.43	11.0	0.169	2.11	5.4
N813055		16.9	94.3	<0.002	0.01	1.42	12.6	1	1.8	415	0.58	<0.05	12.1	0.293	0.91	3.8
N813056		15.5	100.5	<0.002	0.01	4.80	10.5	1	2.0	370	0.57	<0.05	12.4	0.275	0.99	3.4
N813057		307	156.0	<0.002	0.86	29.5	10.1	<1	2.1	147.5	0.53	<0.05	13.8	0.240	1.94	4.4
N813058		261	117.5	<0.002	0.61	38.6	6.4	1	1.2	118.5	0.33	<0.05	7.8	0.142	1.51	4.6
N813059		3.1	1.3	<0.002	0.01	0.20	0.2	<1	0.2	48.9	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N813060		38.1	97.0	<0.002	0.10	14.65	10.7	1	1.6	158.0	0.62	<0.05	12.6	0.275	1.78	3.7
N813061		22.8	123.5	<0.002	0.07	3.69	11.1	1	1.6	353	0.65	<0.05	11.9	0.272	1.36	3.9
N813062		31.4	160.0	<0.002	0.53	7.58	10.6	1	1.8	278	0.67	<0.05	13.3	0.267	1.96	5.1
N813063		18.8	109.0	<0.002	0.02	2.06	11.2	2	1.8	397	0.76	<0.05	13.1	0.284	1.10	5.2
N813064		17.0	109.0	0.002	0.03	2.58	10.9	1	1.9	383	0.64	<0.05	11.4	0.278	1.30	3.9
N813065		24.2	142.5	0.002	0.28	12.00	10.2	1	1.7	272	0.54	<0.05	10.8	0.250	1.84	4.2
N813066		125.5	100.5	<0.002	0.20	7.81	10.5	1	2.0	321	0.56	<0.05	12.6	0.266	1.28	4.1
N813901		107.0	102.0	<0.002	0.20	6.93	10.3	1	1.9	331	0.57	<0.05	11.0	0.267	1.26	3.2
N813067		17.4	94.9	<0.002	0.07	2.50	10.9	1	1.9	401	0.59	<0.05	11.6	0.296	1.12	3.2
N813068		370	180.5	<0.002	0.52	35.8	10.7	1	2.5	136.5	0.51	<0.05	14.4	0.257	2.36	4.4
N813069		27.3	135.0	<0.002	0.22	8.07	11.6	2	2.1	343	0.58	<0.05	12.7	0.286	1.55	3.7
N813070		16.8	78.1	<0.002	0.07	8.21	10.4	1	1.7	295	0.57	<0.05	10.6	0.270	1.38	3.2
N813071		15.4	92.6	<0.002	0.01	4.44	12.1	1	1.9	322	0.71	<0.05	12.4	0.313	1.06	3.2



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**CERTIFICATE OF ANALYSIS WH12167653**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813037		80	0.5	15.2	61	28.6
N813038		87	0.7	15.8	64	32.3
N813039		83	0.9	15.6	62	32.7
N813040		62	5.8	11.3	3240	42.0
N813041		81	2.3	13.8	80	29.7
N813042		87	3.5	12.9	123	30.9
N813043		85	1.2	14.1	140	33.5
N813044		84	1.2	13.3	142	30.9
N813045		64	3.2	19.5	60	26.2
N813046		2	0.1	0.8	18	<0.5
N813047		79	7.2	15.8	138	32.8
N813048		98	8.8	13.3	133	38.1
N813049		97	8.5	15.2	149	36.7
N813050		75	2.4	14.7	156	34.5
N813051		81	1.9	16.8	62	34.2
N813052		91	1.3	17.1	64	32.0
N813053		84	2.0	16.7	58	30.3
N813054		53	4.8	9.1	4860	22.6
N813055		88	7.8	17.2	65	31.4
N813056		80	2.1	14.0	56	28.5
N813057		71	3.6	14.3	556	26.2
N813058		46	3.0	12.7	314	15.9
N813059		2	0.1	0.8	20	<0.5
N813060		81	3.4	14.7	82	28.8
N813061		80	2.2	15.7	67	32.4
N813062		76	3.8	15.3	79	30.1
N813063		84	1.8	17.2	62	33.7
N813064		80	2.0	15.1	58	29.7
N813065		80	2.0	15.2	128	26.8
N813066		77	2.4	15.1	67	27.5
N813901		78	3.9	14.7	71	27.9
N813067		86	2.6	14.7	61	27.4
N813068		73	7.4	14.9	564	26.8
N813069		84	6.0	15.1	77	29.0
N813070		81	8.7	15.6	70	25.8
N813071		88	2.9	16.7	56	33.0



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Project: Klaza - 84

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**CERTIFICATE OF ANALYSIS WH12167653**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12167655**

Project: Klaza - 85

P.O. No.: Batch 2

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza - 85

**CERTIFICATE OF ANALYSIS WH12167655**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810003		4.61	0.018	0.64	6.69	32.9	2610	2.00	0.60	2.52	1.84	60.5	5.1	8	20.2	27.1
N810004		9.38	<0.005	0.06	6.87	8.8	1170	1.82	0.06	2.75	0.19	53.4	5.1	18	29.4	5.7
N810005		11.12	<0.005	0.05	6.72	10.4	1010	1.75	0.03	2.68	0.10	51.3	4.6	12	29.5	4.7
N810006		11.78	<0.005	0.02	7.02	8.4	920	1.89	0.02	2.62	0.06	51.2	4.6	13	32.6	2.6
N810007		11.79	<0.005	0.07	7.29	13.8	1740	1.91	0.02	2.71	0.05	56.6	4.9	13	35.2	4.4
N810008		10.53	<0.005	0.04	7.38	19.7	1620	1.55	0.02	2.74	0.07	56.5	4.7	14	29.3	3.5
N810009		5.70	<0.005	0.06	6.80	13.5	1300	1.45	0.01	2.60	0.07	52.1	4.2	12	30.2	2.9
N810010		0.23	4.33	>100	5.30	8130	230	1.21	60.8	2.01	222	36.0	9.0	19	12.55	1280
N810011		5.77	<0.005	0.08	6.90	10.9	760	1.52	0.03	2.48	0.12	52.6	4.2	13	27.1	2.6
N810012		4.82	<0.005	0.09	6.77	19.3	1130	1.54	0.08	3.13	0.14	56.1	5.1	19	19.10	4.5
N810013		5.44	0.067	4.67	6.88	164.0	990	1.51	3.65	0.38	16.75	66.4	4.7	7	13.65	270
N810014		6.64	0.414	5.42	6.21	382	130	1.29	5.29	0.39	33.9	47.4	8.8	7	11.65	74.9
N810015		5.61	0.021	0.55	7.04	71.0	1440	1.57	0.50	1.64	3.68	54.0	4.0	7	16.05	6.0
N810016		9.45	0.168	2.79	5.65	221	250	1.29	2.25	1.73	10.95	42.2	4.9	11	11.45	42.9
N810017		3.07	<0.005	0.02	0.16	<5	140	0.08	0.02	22.2	0.10	1.29	1.6	2	0.61	2.0
N810018		6.05	1.710	29.6	4.69	947	180	1.04	26.2	2.93	59.3	26.9	5.4	6	7.37	904
N810019		6.29	0.019	0.42	7.27	62.0	1490	1.55	0.30	2.31	1.94	59.0	5.3	8	22.2	40.0
N810020		8.69	0.024	0.49	7.42	45.8	2600	1.30	0.42	1.49	4.20	59.6	6.1	7	19.30	29.1
N810021		6.04	0.082	0.89	7.05	127.5	1860	1.45	0.78	2.29	7.06	61.6	4.0	8	17.95	18.7
N810022		3.77	0.009	0.50	6.78	39.2	1890	1.41	0.71	2.33	1.63	38.1	4.0	7	10.80	47.0
N810023		1.72	0.033	0.85	7.34	42.4	1980	1.57	1.16	2.39	5.11	51.2	3.7	7	12.60	63.2
N810024		4.35	0.056	0.59	6.95	44.4	1430	1.56	0.59	2.99	1.27	47.7	5.2	12	12.65	45.1
N810025		4.23	0.031	0.72	7.28	31.0	1260	1.49	0.58	1.99	10.25	50.3	4.3	9	12.15	36.7
N810026		7.90	0.020	0.22	7.71	28.3	1270	1.35	0.30	2.54	0.61	54.5	4.8	8	15.30	13.5
N810027		0.24	0.787	9.78	7.08	1880	1420	1.55	6.86	2.05	41.2	49.1	17.0	21	17.40	113.5
N810028		6.56	0.006	0.12	7.24	12.4	1360	1.60	0.21	2.39	0.18	46.6	4.4	8	14.55	6.8
N810029		6.59	0.078	0.87	6.90	453	1550	1.24	0.71	2.47	6.51	41.0	6.3	7	7.23	28.4
N810030		4.17	0.042	0.90	7.11	166.0	1430	1.46	1.10	1.73	4.61	56.2	3.6	10	7.77	31.0
N810031		5.07	0.040	1.36	7.25	64.3	1300	1.73	1.06	2.09	13.35	53.4	6.6	9	8.10	23.9
N810032		6.91	0.016	0.23	7.10	22.3	2090	1.54	0.37	2.79	0.34	47.8	6.7	10	11.15	3.3
N810033		7.46	0.007	0.17	6.84	13.9	2390	1.49	0.26	3.21	0.13	37.7	9.4	8	13.85	2.2
N810034		<0.02	<0.005	0.14	6.90	13.2	2390	1.47	0.27	3.24	0.10	39.7	8.9	8	13.90	3.1
N810035		8.59	0.009	0.26	7.48	37.1	2320	1.45	0.38	2.18	0.59	49.4	4.9	8	14.50	6.1
N810036		4.97	0.042	1.65	6.85	86.4	1540	1.56	0.51	3.34	3.19	49.4	4.6	6	17.05	34.5
N810037		2.91	<0.005	0.03	0.26	<5	200	0.16	0.11	21.0	0.06	1.77	0.8	6	0.63	3.1



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Project: Klaza - 85

**CERTIFICATE OF ANALYSIS WH12167655**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810003		2.38	15.60	0.24	1.6	0.064	2.33	35.5	116.5	0.92	649	3.26	0.05	8.1	4.4	450
N810004		2.33	19.75	0.24	2.4	0.029	2.58	27.3	43.6	0.87	519	0.45	0.05	8.8	9.7	730
N810005		2.27	18.75	0.23	1.6	0.028	2.42	26.0	56.1	0.81	549	0.27	0.04	8.4	5.1	780
N810006		2.34	20.1	0.23	1.7	0.029	2.70	25.1	82.5	0.77	569	0.27	0.05	9.1	4.9	800
N810007		2.48	19.55	0.24	1.7	0.028	2.77	29.2	48.2	0.85	604	0.37	0.05	9.3	5.2	820
N810008		2.32	20.3	0.25	1.8	0.030	2.73	28.7	146.5	0.88	563	0.32	0.06	9.1	5.3	840
N810009		2.31	18.95	0.25	1.6	0.028	2.52	27.0	49.1	0.81	590	1.27	0.05	8.8	4.7	770
N810010		8.27	13.00	0.26	1.0	4.63	2.25	19.0	32.0	0.63	3000	14.45	0.08	5.6	13.0	440
N810011		2.27	18.70	0.22	1.7	0.030	2.57	27.0	102.5	0.77	582	0.80	0.06	8.7	4.9	780
N810012		2.13	19.70	0.23	2.6	0.026	1.76	29.8	490	1.07	562	0.59	0.08	9.2	10.5	700
N810013		5.65	16.80	0.23	1.0	1.240	3.02	42.6	32.3	0.57	2100	2.47	0.05	6.6	2.8	530
N810014		5.44	16.60	0.23	0.9	0.921	2.93	26.8	21.7	0.36	761	5.57	0.04	6.0	3.4	460
N810015		3.36	16.35	0.22	1.2	0.142	2.34	31.0	101.0	0.68	1750	2.54	0.03	7.5	2.0	530
N810016		5.18	14.10	0.22	1.0	0.459	2.50	23.7	24.7	0.76	2360	9.06	0.03	5.8	3.1	390
N810017		0.51	0.47	0.32	<0.1	0.005	0.07	0.7	1.9	13.20	232	0.12	0.01	0.4	3.3	180
N810018		7.26	11.10	0.22	0.7	0.832	2.16	12.6	15.6	0.87	3850	14.95	0.02	4.4	1.6	310
N810019		2.83	16.90	0.23	1.2	0.059	2.93	35.1	53.7	0.89	1440	4.48	0.04	7.9	2.4	540
N810020		3.10	17.55	0.23	1.4	0.079	3.12	33.9	36.2	0.61	876	1.50	0.08	7.8	2.4	550
N810021		3.77	16.95	0.23	1.1	0.143	3.00	38.0	19.8	0.95	1830	5.76	0.04	7.3	2.3	530
N810022		2.55	14.85	0.17	1.4	0.095	2.95	19.2	33.7	0.67	997	7.69	0.21	6.7	2.0	530
N810023		2.79	15.45	0.16	1.2	0.130	3.06	27.3	25.6	0.67	1090	4.94	0.21	7.1	2.2	530
N810024		3.41	13.80	0.12	1.2	0.117	3.03	25.5	25.2	0.76	1230	4.63	0.37	7.2	2.0	520
N810025		4.10	13.95	0.15	1.2	0.236	2.77	27.5	56.2	0.78	1480	2.61	0.05	7.4	2.2	520
N810026		2.86	14.60	0.17	1.2	0.084	2.83	29.9	51.8	0.91	1050	1.83	0.08	7.3	2.1	560
N810027		5.54	14.45	0.17	1.3	1.020	3.09	25.9	25.5	0.74	2130	11.85	0.28	8.1	16.2	520
N810028		2.96	15.00	0.15	1.2	0.039	2.34	23.5	34.5	0.50	784	1.75	0.84	7.1	2.1	560
N810029		2.71	14.25	0.14	1.0	0.138	2.95	22.7	33.4	0.83	1580	1.88	0.08	5.7	2.1	520
N810030		3.27	15.05	0.16	1.1	0.214	2.87	31.4	43.0	0.74	1300	0.65	0.08	6.1	1.8	480
N810031		3.62	15.70	0.15	1.1	0.279	2.99	28.8	40.3	0.81	1960	0.72	0.09	6.5	1.8	540
N810032		2.96	14.75	0.15	1.2	0.060	2.80	27.3	16.8	0.65	800	2.19	1.28	6.7	2.5	540
N810033		2.59	14.45	0.15	1.3	0.037	2.83	17.8	10.0	0.68	641	1.24	1.64	7.1	4.6	540
N810034		2.63	14.50	0.17	1.1	0.032	2.79	18.4	10.2	0.69	651	1.25	1.66	7.3	4.5	540
N810035		3.02	15.10	0.17	1.2	0.060	3.22	26.4	31.0	0.82	837	1.94	0.56	7.0	2.3	540
N810036		4.09	12.95	0.15	1.2	0.138	2.64	28.5	24.8	1.35	3200	1.99	0.04	6.0	2.0	470
N810037		0.50	0.62	0.16	<0.1	0.006	0.12	0.9	2.1	12.50	223	0.16	0.01	0.3	3.2	220



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Project: Klaza - 85

**CERTIFICATE OF ANALYSIS WH12167655**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810003		44.8	121.0	<0.002	0.18	22.0	8.3	1	2.7	243	0.77	<0.05	19.7	0.188	1.29	6.8
N810004		12.4	98.0	<0.002	0.03	6.55	6.4	1	1.4	338	0.65	<0.05	8.9	0.265	1.11	3.1
N810005		10.8	94.8	<0.002	0.03	13.50	6.2	1	1.2	243	0.62	<0.05	8.0	0.262	0.99	3.7
N810006		10.2	101.5	<0.002	0.03	11.35	6.5	1	1.2	266	0.66	<0.05	8.1	0.288	1.12	4.1
N810007		16.1	116.0	<0.002	0.05	8.92	6.6	1	1.3	202	0.66	<0.05	8.7	0.285	1.21	5.7
N810008		11.1	105.5	<0.002	0.06	5.70	6.6	1	1.3	242	0.67	<0.05	8.9	0.299	1.36	3.5
N810009		14.8	108.0	<0.002	0.08	10.40	6.1	1	1.2	191.0	0.62	<0.05	8.2	0.261	1.35	3.9
N810010		9590	134.0	0.002	7.19	226	7.5	3	9.0	117.5	0.43	0.56	8.2	0.183	1.96	4.5
N810011		12.5	105.0	<0.002	0.04	9.12	6.2	1	1.2	200	0.64	<0.05	8.2	0.277	1.39	2.9
N810012		14.8	66.5	<0.002	0.09	5.51	6.4	1	1.4	444	0.68	<0.05	9.1	0.266	1.13	3.6
N810013		422	209	<0.002	1.91	60.7	10.4	1	5.4	48.9	0.54	0.18	14.4	0.202	2.64	2.9
N810014		771	206	0.002	4.46	20.3	9.1	1	7.3	45.7	0.51	0.35	12.2	0.177	2.38	2.3
N810015		144.0	139.0	<0.002	0.85	8.52	10.3	1	2.6	124.0	0.72	0.05	15.3	0.221	1.94	4.3
N810016		303	165.5	<0.002	3.62	38.4	8.2	1	5.0	78.4	0.47	0.17	9.8	0.182	2.41	4.7
N810017		3.1	3.7	<0.002	0.02	0.13	0.4	1	<0.2	44.7	<0.05	<0.05	<0.2	0.006	0.03	0.4
N810018		4480	146.5	0.002	7.32	160.5	5.8	1	8.5	80.8	0.36	0.29	8.1	0.131	2.08	4.1
N810019		96.3	172.5	<0.002	0.44	22.4	10.8	1	2.3	127.5	0.65	0.06	16.6	0.237	2.62	6.1
N810020		109.5	154.5	<0.002	0.34	17.60	11.3	1	2.6	108.0	0.64	0.06	17.2	0.243	1.81	3.8
N810021		174.5	170.0	<0.002	1.13	11.75	10.6	1	3.8	79.3	0.59	0.05	14.7	0.223	2.45	4.9
N810022		179.0	134.5	0.003	0.31	12.85	10.0	1	2.5	109.5	0.59	<0.05	12.9	0.221	2.25	5.7
N810023		504	134.5	<0.002	0.34	14.20	10.4	1	2.6	110.5	0.60	0.05	13.0	0.222	2.33	4.9
N810024		182.5	120.0	0.002	0.63	8.59	9.0	1	2.6	134.5	0.77	0.06	12.0	0.209	2.34	5.6
N810025		381	128.5	<0.002	0.53	8.07	9.1	1	3.0	103.5	0.78	<0.05	13.9	0.216	2.21	8.4
N810026		45.0	124.5	<0.002	0.33	12.10	9.5	1	2.4	86.8	0.69	<0.05	14.7	0.221	2.07	6.9
N810027		1395	162.5	0.002	3.24	33.5	8.7	2	6.0	158.5	0.72	0.29	11.8	0.222	2.58	5.6
N810028		16.4	101.0	<0.002	0.22	6.90	9.1	1	2.2	179.5	0.68	<0.05	11.8	0.221	1.53	3.9
N810029		303	126.0	<0.002	1.01	10.30	8.4	1	2.8	73.9	0.45	0.07	11.7	0.186	2.53	4.1
N810030		193.5	151.0	0.002	0.91	9.54	9.4	1	2.7	61.1	0.55	0.08	14.2	0.183	2.30	5.0
N810031		463	167.0	<0.002	1.11	5.56	9.7	1	3.3	75.2	0.54	0.12	14.8	0.190	2.67	5.3
N810032		43.6	121.5	<0.002	0.45	3.29	9.0	1	2.1	234	0.58	0.05	13.9	0.209	1.91	4.5
N810033		15.0	103.5	<0.002	0.26	3.75	8.6	2	2.0	272	0.66	<0.05	11.5	0.218	1.60	5.3
N810034		14.1	103.0	0.003	0.24	3.72	8.6	<1	2.0	272	0.68	<0.05	10.8	0.220	1.66	5.1
N810035		72.2	138.0	<0.002	0.23	7.52	9.2	1	2.1	173.5	0.66	<0.05	14.0	0.219	1.98	5.9
N810036		854	161.0	<0.002	0.87	20.6	8.3	<1	2.6	79.8	0.46	<0.05	15.6	0.172	2.66	7.8
N810037		5.7	5.1	<0.002	0.02	0.18	0.5	<1	0.3	44.4	<0.05	<0.05	0.2	0.010	0.04	0.5



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**CERTIFICATE OF ANALYSIS WH12167655**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810003		48	2.6	17.9	143	49.7		
N810004		51	2.2	13.1	67	86.0		
N810005		49	2.8	12.1	62	49.7		
N810006		53	4.3	12.8	61	51.0		
N810007		53	2.3	13.4	63	51.1		
N810008		54	2.8	13.1	59	53.6		
N810009		46	3.0	12.1	60	48.4		
N810010		54	4.2	8.4	>10000	33.2	123	1.595
N810011		50	3.1	12.0	62	49.1		
N810012		51	2.9	13.4	57	97.3		
N810013		67	5.9	7.7	1250	32.1		
N810014		55	7.1	7.9	2350	27.7		
N810015		63	2.5	14.3	288	34.5		
N810016		54	5.6	8.2	821	32.1		
N810017		3	0.1	0.8	18	0.5		
N810018		39	4.2	7.0	4480	20.6		
N810019		66	4.0	16.1	154	37.3		
N810020		68	3.8	16.8	290	41.7		
N810021		65	5.2	13.6	466	33.6		
N810022		68	1.9	13.7	136	33.1		
N810023		66	2.1	13.7	412	32.6		
N810024		64	2.6	14.2	138	34.3		
N810025		66	5.6	14.3	828	33.7		
N810026		66	3.8	14.6	81	34.9		
N810027		61	5.7	12.5	3130	42.4		
N810028		65	1.3	11.7	53	32.9		
N810029		56	2.2	10.4	540	26.9		
N810030		55	2.9	10.8	466	28.4		
N810031		58	3.8	11.0	1040	30.2		
N810032		63	1.6	11.5	59	34.1		
N810033		62	1.3	13.1	53	30.4		
N810034		61	1.3	13.1	52	30.1		
N810035		62	2.4	13.8	96	30.1		
N810036		50	4.4	11.4	293	30.3		
N810037		4	0.1	1.0	17	0.6		



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**CERTIFICATE OF ANALYSIS WH12167655**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12167656**

Project: Klaza - 85

P.O. No.: Batch 3

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12167656**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810038		10.15	<0.005	0.11	7.35	9.8	2130	1.63	0.17	2.30	0.21	48.7	4.6	12	16.25	11.3
N810039		5.77	0.325	3.07	5.98	393	470	1.32	2.59	1.73	9.69	37.0	4.1	9	7.78	56.1
N810040		4.51	<0.005	1.27	7.28	13.8	1960	1.52	0.24	2.57	9.77	47.7	5.0	15	12.80	10.6
N810041		0.22	2.30	24.2	5.92	3420	1210	1.28	18.15	2.16	72.1	42.2	9.5	16	13.05	429
N810042		9.22	<0.005	0.29	7.29	23.8	2030	1.57	0.30	2.60	0.45	43.8	4.6	12	14.25	16.0
N810043		12.59	0.013	0.46	7.02	75.2	2220	1.59	0.48	3.00	1.30	49.5	3.3	12	8.44	6.7
N810044		4.66	0.017	2.28	7.63	68.3	2310	1.80	2.02	1.20	19.75	73.8	3.0	13	7.18	42.4
N810045		4.62	0.075	4.95	7.05	155.0	900	1.42	3.24	0.99	23.1	37.5	4.1	14	5.51	48.1
N810046		3.97	0.117	1.75	7.02	351	1370	1.32	2.00	1.36	15.75	57.5	7.1	12	4.62	27.1
N810047		8.29	0.006	0.24	7.39	22.7	1470	1.60	0.38	2.30	0.95	82.2	7.5	14	13.60	8.6
N810048		4.43	0.094	1.24	6.47	195.5	1220	1.40	2.49	2.04	4.45	55.0	6.4	12	17.50	13.9
N810049		4.20	<0.005	0.03	0.17	8	30	0.11	0.05	19.95	0.07	1.36	0.9	4	0.88	2.6
N810050		5.14	0.009	0.17	7.00	29.4	2370	1.62	0.25	2.73	0.19	55.1	5.8	10	19.40	3.6
N810051		7.25	0.007	0.13	6.92	27.9	1090	1.56	0.22	2.79	0.10	50.3	4.9	12	23.0	3.4
N810052		4.61	<0.005	0.14	7.85	12.7	1660	1.33	0.25	1.38	0.12	55.1	4.2	9	18.60	7.5
N810053		<0.02	<0.005	0.12	7.51	13.3	1600	1.38	0.24	1.34	0.12	53.8	4.1	10	18.30	8.6
N810054		4.25	0.034	0.84	7.44	85.7	2300	1.66	0.72	2.39	4.12	83.1	3.4	12	11.05	14.3
N810055		6.83	0.023	1.48	7.11	34.1	1820	1.60	1.48	2.21	20.1	80.0	3.1	12	12.35	36.5
N810056		8.01	0.008	0.43	7.35	10.5	1340	1.60	0.46	2.84	3.11	73.7	3.2	17	8.44	8.3
N810057		6.51	0.114	2.37	7.06	111.5	1140	1.54	2.99	1.75	25.8	56.0	8.4	11	6.94	36.3
N810058		9.78	0.050	3.01	6.99	72.1	1130	1.50	0.39	2.16	7.73	38.6	6.0	12	8.71	10.2
N810059		0.21	0.783	9.86	6.82	1775	990	1.68	7.20	1.94	42.8	45.4	20.1	21	17.85	116.0
N810060		5.20	<0.005	0.25	6.78	11.3	950	1.55	0.21	2.11	0.78	42.1	4.4	12	7.34	3.1
N810061		8.21	0.030	1.60	6.04	66.9	1330	1.38	1.25	2.00	30.0	23.2	5.3	17	6.42	31.6
N810062		9.02	0.014	0.52	6.85	25.5	1010	1.47	0.32	3.20	6.93	47.5	2.3	12	6.68	7.6
N810063		8.89	<0.005	0.16	7.28	9.9	1010	1.50	0.26	3.46	0.33	58.2	6.2	16	6.38	1.7
N810064		3.07	0.006	0.74	7.53	14.1	1290	1.66	0.84	2.61	16.05	59.4	8.0	13	7.78	13.0
N810065		7.86	0.019	0.88	7.50	44.8	1300	1.53	0.78	2.89	12.85	62.3	4.7	17	6.81	24.2
N810066		6.05	0.016	0.87	7.48	44.2	1240	1.57	0.69	2.34	10.15	71.8	5.7	10	7.19	14.6
N810067		7.70	0.284	6.85	7.11	223	880	1.53	8.54	2.69	10.00	58.5	9.2	10	15.50	372
N810068		3.79	0.616	6.70	7.26	239	880	1.42	10.65	1.68	39.1	65.6	12.2	11	11.90	122.5
N810069		2.86	<0.005	0.03	0.09	<5	20	0.08	0.03	21.8	0.10	1.30	1.7	2	0.30	2.7
N810070		7.34	0.076	1.77	7.20	119.5	1780	1.56	1.77	2.42	27.9	59.2	5.2	12	11.20	34.5
N810071		5.51	<0.005	0.13	7.76	6.7	2250	1.72	0.18	2.72	0.20	51.0	5.8	12	11.50	4.7
N810072		2.88	0.011	0.21	7.89	21.8	2180	1.70	0.21	2.92	1.43	54.7	5.7	14	12.30	5.0
N810073		8.20	<0.005	0.15	7.52	6.6	1960	1.49	0.30	3.06	0.16	52.4	4.7	16	10.60	7.7
N810074		4.45	0.015	0.69	7.91	15.8	1580	1.65	0.80	1.92	10.35	46.3	4.6	16	17.20	18.1





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**CERTIFICATE OF ANALYSIS WH12167656**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810038		3.01	14.40	0.18	1.3	0.036	2.96	24.3	19.8	0.64	588	1.60	1.27	7.7	2.3	570
N810039		5.43	13.15	0.13	1.1	0.389	2.76	19.6	12.1	0.63	1420	5.68	0.03	5.8	2.4	440
N810040		2.88	15.75	0.16	1.2	0.061	2.64	23.1	17.2	0.72	613	2.05	1.29	7.3	2.7	560
N810041		6.59	13.05	0.13	0.9	1.530	2.50	22.5	21.0	0.88	1890	11.05	0.04	5.5	15.3	440
N810042		2.80	15.00	0.16	1.2	0.050	2.68	21.7	10.9	0.71	473	2.86	2.05	7.5	2.6	560
N810043		2.59	15.35	0.17	1.1	0.078	3.18	25.3	46.8	0.77	1000	1.36	0.24	5.4	2.9	550
N810044		5.33	17.75	0.18	1.1	0.270	3.46	40.3	54.9	0.95	2140	1.05	0.06	5.6	2.2	530
N810045		5.15	15.45	0.13	0.9	0.416	3.17	18.3	15.9	0.79	2300	3.49	0.08	5.6	2.0	490
N810046		4.39	15.05	0.16	0.8	0.399	3.21	31.7	11.0	0.76	2330	1.28	0.05	5.3	2.1	470
N810047		3.09	16.45	0.16	1.1	0.081	3.02	45.0	41.8	0.91	1100	2.19	0.05	6.8	3.4	550
N810048		4.04	15.25	0.16	1.1	0.217	2.70	29.6	25.5	0.81	1520	4.14	0.04	6.7	2.7	460
N810049		0.46	0.46	0.11	<0.1	0.008	0.08	0.7	2.5	12.20	210	0.13	0.01	0.3	3.2	230
N810050		2.63	16.80	0.15	1.3	0.051	2.50	26.7	109.5	0.86	676	1.85	0.06	7.7	2.8	540
N810051		2.58	15.65	0.12	1.2	0.044	2.47	23.9	61.0	0.85	648	1.68	0.06	7.3	2.2	530
N810052		2.62	18.45	0.16	1.4	0.053	2.79	28.2	46.1	0.49	617	1.28	0.08	8.3	3.4	600
N810053		2.52	18.35	0.15	1.3	0.063	2.78	26.2	46.4	0.46	594	1.21	0.08	8.5	2.2	580
N810054		2.55	16.80	0.16	1.1	0.160	3.31	47.8	22.4	0.93	1380	2.02	0.07	5.9	2.4	510
N810055		3.02	16.40	0.19	1.4	0.605	3.10	45.5	31.5	0.84	2020	2.10	0.07	6.4	2.6	520
N810056		2.39	16.65	0.15	1.2	0.125	3.08	42.3	51.1	0.99	1380	1.78	0.11	6.9	2.1	540
N810057		3.97	17.60	0.18	1.0	0.795	3.25	29.6	22.9	0.73	1550	2.17	0.06	6.1	3.3	500
N810058		2.68	16.90	0.12	1.0	0.230	2.80	18.2	82.6	0.81	1780	1.55	0.12	6.4	3.3	530
N810059		5.43	16.55	0.17	1.4	0.981	2.85	23.1	27.1	0.71	2000	12.60	0.27	7.5	17.1	500
N810060		1.64	16.85	0.12	1.0	0.070	2.38	20.8	48.8	0.82	855	1.66	0.23	6.4	2.3	540
N810061		3.27	15.15	0.13	0.9	0.865	2.41	8.7	41.8	0.84	1340	3.33	0.10	4.8	2.7	460
N810062		1.96	17.40	0.14	1.1	0.217	2.62	23.7	47.7	0.80	1270	1.09	0.12	6.2	1.7	550
N810063		1.70	17.60	0.15	1.1	0.095	2.44	29.9	51.0	0.78	968	0.95	0.10	7.0	2.7	610
N810064		2.61	18.35	0.17	1.1	0.693	2.85	30.2	73.7	0.83	1180	1.98	0.09	6.6	2.8	630
N810065		3.00	17.10	0.17	1.1	0.758	2.70	33.5	78.5	0.97	1280	2.68	0.11	6.2	2.6	560
N810066		3.62	16.80	0.20	1.1	0.459	2.73	40.8	45.4	0.99	1320	5.89	0.22	6.1	3.2	560
N810067		3.14	16.70	0.16	1.2	0.537	2.69	31.6	53.8	0.83	1610	2.64	0.10	6.7	2.6	550
N810068		4.96	17.10	0.19	1.1	1.065	2.93	36.7	31.9	0.76	2280	2.68	0.08	6.7	3.2	570
N810069		0.49	0.31	0.07	<0.1	0.006	0.03	0.6	1.2	12.95	224	0.13	0.01	0.2	2.1	190
N810070		3.46	16.00	0.16	1.4	0.695	3.17	33.3	27.3	0.95	1420	6.63	0.07	5.5	2.3	480
N810071		2.97	17.60	0.15	1.5	0.039	3.02	25.6	13.9	0.73	614	1.88	2.10	8.3	2.4	580
N810072		3.08	17.65	0.15	1.6	0.072	3.02	29.1	14.8	0.81	913	1.83	1.92	8.4	2.3	590
N810073		2.70	16.45	0.16	1.4	0.071	2.70	27.7	11.5	0.64	709	2.35	1.51	6.7	2.3	550
N810074		3.18	17.85	0.14	1.6	0.218	2.69	23.1	38.4	0.48	811	2.07	0.41	8.0	2.2	580



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**CERTIFICATE OF ANALYSIS WH12167656**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810038		23.9	106.5	<0.002	0.09	6.99	8.9	1	1.8	262	0.78	<0.05	12.7	0.238	1.45	4.6
N810039		172.0	174.5	0.002	4.92	25.3	7.8	<1	5.3	30.4	0.51	0.13	11.6	0.173	2.63	3.2
N810040		570	106.5	0.004	0.25	7.02	9.7	1	2.0	239	0.62	<0.05	12.1	0.225	1.44	3.7
N810041		2770	152.0	0.003	4.69	83.3	7.8	1	7.4	91.3	0.46	0.33	10.0	0.172	2.19	4.8
N810042		31.9	101.0	0.002	0.08	2.87	9.3	1	1.9	354	0.63	<0.05	12.0	0.236	1.22	3.5
N810043		89.1	111.0	<0.002	0.30	3.73	9.0	1	2.0	115.0	0.47	0.06	11.9	0.184	1.91	4.4
N810044		649	178.5	<0.002	0.70	4.48	11.2	1	2.4	43.0	0.44	<0.05	15.1	0.176	2.52	4.9
N810045		2180	150.5	<0.002	1.44	7.40	7.9	1	2.3	35.3	0.45	0.05	12.8	0.162	2.33	3.3
N810046		561	158.5	0.002	1.46	5.15	8.4	1	2.8	41.4	0.43	0.06	13.2	0.164	2.55	4.2
N810047		47.7	163.5	<0.002	0.44	6.06	10.7	1	1.8	103.5	0.55	0.05	15.5	0.208	2.38	5.8
N810048		116.5	161.0	0.002	1.82	15.60	9.5	1	3.5	75.4	0.56	0.14	13.8	0.189	2.34	6.4
N810049		1.7	5.2	<0.002	0.01	0.11	0.4	1	0.2	40.6	<0.05	<0.05	<0.2	0.005	0.04	0.6
N810050		16.1	112.0	0.003	0.26	12.50	10.5	2	1.7	153.0	0.62	<0.05	12.8	0.222	1.75	4.4
N810051		12.9	100.5	<0.002	0.18	12.65	9.4	1	1.8	110.5	0.61	<0.05	12.6	0.224	1.83	5.0
N810052		16.1	139.0	<0.002	0.15	15.75	11.2	1	1.9	92.9	0.71	<0.05	15.8	0.243	1.84	4.2
N810053		14.1	134.0	0.002	0.14	16.10	11.1	1	1.9	92.6	0.71	<0.05	14.6	0.240	1.68	4.0
N810054		129.5	180.0	<0.002	0.66	9.53	10.1	2	2.5	84.7	0.52	0.09	16.0	0.179	2.90	8.7
N810055		182.5	179.5	<0.002	0.63	10.35	10.0	1	2.7	57.3	0.66	0.14	15.4	0.173	2.76	4.2
N810056		101.0	184.5	<0.002	0.35	5.07	10.5	2	2.3	95.0	0.73	0.09	15.7	0.183	2.94	5.9
N810057		351	196.0	<0.002	1.79	9.18	10.3	1	3.1	45.4	0.62	0.15	14.4	0.167	2.85	5.7
N810058		442	155.0	<0.002	0.92	7.76	10.3	1	2.9	89.9	0.49	0.09	12.9	0.186	2.67	4.6
N810059		1370	151.0	0.002	3.21	35.9	10.1	1	6.2	157.0	0.65	0.35	11.9	0.211	2.64	5.4
N810060		24.4	118.0	<0.002	0.21	5.19	10.6	1	2.0	112.5	0.51	0.05	13.6	0.190	2.11	5.7
N810061		317	132.5	<0.002	1.24	9.26	8.7	1	2.7	92.1	0.40	0.07	11.0	0.168	2.23	2.8
N810062		151.5	118.5	<0.002	0.45	5.75	10.7	1	2.4	124.0	0.64	<0.05	12.4	0.189	2.42	3.9
N810063		15.2	109.0	<0.002	0.41	7.06	12.0	1	2.4	120.0	0.58	0.06	12.8	0.233	2.18	5.8
N810064		107.0	131.5	<0.002	0.60	5.06	11.9	1	3.0	100.0	0.54	0.07	13.6	0.215	2.59	5.2
N810065		192.5	134.5	<0.002	0.69	6.29	11.5	1	2.8	105.5	0.53	0.07	13.6	0.199	2.36	6.1
N810066		219	163.0	<0.002	1.09	4.98	11.2	1	2.7	111.5	0.51	0.06	14.6	0.188	2.54	4.7
N810067		275	142.5	<0.002	1.37	15.45	10.8	1	3.5	117.0	0.58	0.09	14.3	0.203	2.70	4.4
N810068		605	169.5	0.002	2.60	8.72	11.4	1	5.3	67.6	0.57	0.10	14.3	0.211	2.95	4.1
N810069		2.2	2.1	<0.002	0.03	0.08	0.4	1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.02	0.8
N810070		532	154.5	<0.002	0.94	6.06	9.5	1	3.0	79.9	0.58	0.06	18.2	0.159	2.41	6.8
N810071		19.5	110.5	<0.002	0.04	2.66	11.7	1	1.7	366	0.73	<0.05	16.6	0.249	1.39	5.2
N810072		54.5	120.5	<0.002	0.13	3.21	11.8	1	1.7	346	0.76	<0.05	17.1	0.253	1.53	5.5
N810073		13.9	115.0	<0.002	0.14	4.15	11.0	1	1.6	263	0.55	<0.05	16.2	0.207	1.49	5.8
N810074		186.0	120.0	<0.002	0.28	12.15	11.4	1	1.9	132.0	0.81	<0.05	15.4	0.231	1.69	5.9



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**CERTIFICATE OF ANALYSIS WH12167656**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N810038		66	2.0	12.9	52	33.1
N810039		50	6.2	6.2	822	27.5
N810040		67	2.8	13.3	646	34.1
N810041		54	4.6	8.2	5340	24.1
N810042		65	1.5	13.1	42	32.4
N810043		64	1.5	9.9	151	27.9
N810044		63	4.1	7.4	1500	29.2
N810045		53	4.0	6.0	1730	24.3
N810046		51	2.7	8.3	1260	21.8
N810047		65	3.5	15.3	97	34.2
N810048		57	3.7	11.8	384	32.7
N810049		4	0.1	0.9	14	<0.5
N810050		65	2.9	15.6	47	38.3
N810051		64	3.1	14.1	43	35.7
N810052		69	2.4	16.1	36	39.2
N810053		68	2.4	15.4	35	38.9
N810054		63	2.2	14.5	341	32.7
N810055		60	2.2	12.7	1440	33.8
N810056		61	1.7	15.5	330	34.1
N810057		61	2.5	12.1	1620	30.7
N810058		65	1.8	9.8	637	29.0
N810059		58	5.5	11.4	3050	38.8
N810060		55	1.3	12.4	87	26.3
N810061		56	2.1	7.2	2450	23.5
N810062		57	1.5	11.9	564	29.4
N810063		65	1.4	13.1	50	30.6
N810064		65	2.9	13.1	1270	29.7
N810065		67	1.7	13.7	1060	29.7
N810066		68	1.7	12.0	1130	30.3
N810067		63	2.2	12.5	824	30.6
N810068		62	3.0	11.0	3220	28.2
N810069		2	0.1	0.8	15	<0.5
N810070		55	2.7	11.3	1820	36.8
N810071		67	1.0	16.0	46	40.4
N810072		67	1.6	17.2	130	41.1
N810073		62	1.3	14.5	49	37.2
N810074		70	2.1	14.9	699	39.8



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**CERTIFICATE OF ANALYSIS WH12167656**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12167657**

Project: Klaza - 85

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12167657**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810075		7.92	<0.005	0.15	7.12	9.3	1560	1.74	0.25	2.84	0.14	52.9	4.3	16	13.80	6.1
N810076		0.26	2.19	25.2	5.87	3510	1590	1.38	18.20	2.18	76.6	47.8	10.5	20	14.15	449
N810077		5.52	<0.005	0.39	7.31	21.0	1750	2.05	0.49	2.63	0.35	54.5	4.8	12	12.45	14.3
N810078		10.30	<0.005	0.35	7.33	26.0	1890	1.89	0.59	2.07	0.34	68.3	9.0	8	10.10	24.2
N810079		3.90	0.014	0.25	7.25	38.5	4570	1.44	0.15	2.59	0.21	63.3	5.8	8	15.40	26.1
N810080		4.43	0.005	0.36	7.14	39.7	2110	1.70	0.19	2.06	0.27	48.5	4.3	14	15.15	109.0
N810081		2.07	<0.005	0.38	7.17	52.3	2150	1.72	0.21	2.16	0.28	46.7	5.1	11	15.85	115.0
N810082		4.46	<0.005	0.15	7.42	11.6	2350	1.39	0.26	1.53	0.26	56.8	4.9	9	11.85	10.8
N810083		4.64	0.011	0.38	7.33	47.0	990	1.31	0.23	1.54	1.63	38.1	4.3	8	10.25	49.9
N810084		3.76	0.056	1.00	6.99	26.7	960	1.41	1.04	4.15	10.20	75.4	7.2	8	11.50	31.4
N810085		3.97	0.248	5.86	6.00	324	3290	1.32	4.39	1.23	23.0	49.4	5.3	10	11.30	103.5
N810086		1.53	<0.005	0.05	0.08	<5	20	0.09	0.02	21.4	0.14	1.46	0.7	2	0.20	2.1
N810087		7.28	0.014	0.50	7.29	40.8	1960	1.76	0.29	1.89	5.10	47.7	6.6	9	17.75	46.6
N810088		4.92	0.072	2.46	7.32	94.1	1610	1.77	0.89	2.32	5.58	63.7	6.1	8	15.45	20.7
N810089		5.71	0.065	1.55	6.83	257	1750	1.48	0.45	1.69	24.8	79.0	11.5	7	18.25	29.9
N810090		4.53	0.033	0.98	7.00	218	1730	1.62	0.51	2.37	11.70	54.3	8.5	8	20.8	59.1
N810091		5.56	0.006	0.15	7.30	14.3	2190	1.66	0.21	2.47	0.17	56.7	6.5	11	11.60	9.3
N810092		<0.02	<0.005	0.12	6.89	12.9	2140	1.54	0.16	2.42	0.14	49.9	6.2	10	11.25	9.2
N810093		4.02	0.044	1.41	6.85	159.5	2000	1.56	0.16	2.04	6.16	51.2	6.3	8	15.15	15.9
N810094		5.42	0.034	0.41	6.79	45.0	1650	1.56	0.22	2.04	0.44	52.2	5.8	9	19.25	13.3
N810095		0.26	2.37	24.8	5.81	3450	1230	1.40	18.20	2.15	76.0	46.8	10.3	20	13.85	437
N810096		7.16	0.024	0.39	7.39	21.4	1820	1.47	0.30	1.40	1.36	50.2	5.8	8	14.35	27.0
N810097		5.19	0.319	7.27	6.44	181.0	910	1.64	8.44	2.16	11.15	51.5	8.4	8	15.35	57.8
N810098		4.15	0.037	0.81	6.91	85.0	1730	1.83	0.41	2.80	1.14	59.2	6.1	8	22.3	14.0
N810099		3.12	<0.005	0.18	6.68	34.4	1500	2.31	0.12	1.49	0.22	74.4	6.3	20	24.0	10.6
N810100		2.02	<0.005	0.01	0.15	<5	40	0.07	0.10	20.6	0.06	1.48	0.8	2	1.27	5.0
N810101		4.06	0.616	36.5	6.22	951	920	1.19	56.9	1.54	11.90	46.5	6.4	10	14.00	603
N810102		4.51	0.016	2.05	7.23	12.3	1890	1.24	3.21	2.20	16.60	46.1	4.8	11	13.75	34.3
N810103		4.44	0.045	0.86	7.39	30.3	2730	1.27	0.96	2.15	5.24	48.9	4.2	10	15.85	19.6
N810104		10.95	<0.005	0.20	7.26	7.1	2040	1.26	0.34	2.36	0.26	47.8	7.1	14	9.78	2.4
N810105		9.99	<0.005	0.20	7.29	7.1	2290	1.31	0.32	2.31	1.30	44.7	6.2	13	11.10	7.0
N810106		9.57	0.027	0.87	7.03	21.0	2160	1.37	1.50	2.18	1.92	43.7	7.1	12	11.55	16.8
N810107		11.43	0.011	0.19	7.57	8.6	2250	1.47	0.20	2.32	4.67	51.8	6.1	11	13.00	15.6
N810108		4.34	<0.005	0.11	6.88	11.3	2370	1.39	0.16	2.20	0.14	41.3	4.6	9	10.75	11.9
N810109		7.60	<0.005	0.10	7.65	9.1	2350	1.33	0.15	2.20	0.12	52.7	5.1	10	11.10	7.4
N810110		3.95	0.016	0.23	6.68	27.1	2950	1.32	0.44	2.72	0.53	53.0	6.5	8	13.10	8.9



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Project: Klaza - 85

**CERTIFICATE OF ANALYSIS WH12167657**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N810075		2.52	15.65	0.10	1.3	0.037	2.39	24.1	14.3	0.51	842	1.65	1.49	6.7	2.6	510
N810076		6.62	14.10	0.10	1.0	1.810	2.63	22.9	24.0	0.90	1820	13.05	0.05	5.8	16.0	430
N810077		2.70	16.20	0.14	1.5	0.063	2.44	24.9	14.5	0.58	724	3.53	1.57	7.3	2.1	540
N810078		3.01	16.30	0.14	1.3	0.088	2.46	37.4	32.7	0.82	966	6.42	0.06	5.8	2.4	540
N810079		2.22	15.00	0.16	1.2	0.030	2.68	32.2	34.4	0.91	673	2.03	0.08	6.7	2.4	540
N810080		2.43	16.85	0.13	1.3	0.047	2.21	22.3	166.0	0.65	503	2.42	0.07	7.7	2.2	570
N810081		2.51	16.85	0.11	1.5	0.054	2.27	22.4	149.0	0.67	530	3.67	0.08	8.4	2.1	590
N810082		2.79	16.75	0.16	1.4	0.049	2.86	27.1	92.2	0.55	563	3.16	0.09	7.6	2.4	580
N810083		2.55	15.90	0.12	1.4	0.084	2.34	16.7	135.5	0.48	484	2.14	0.07	7.9	2.1	580
N810084		3.57	14.95	0.18	1.1	0.358	2.94	40.6	38.0	0.78	1570	6.10	0.05	5.8	2.4	500
N810085		6.23	13.75	0.14	1.2	0.579	2.73	23.1	17.7	0.48	1610	14.30	0.04	6.2	3.0	520
N810086		0.50	0.26	0.13	<0.1	<0.005	0.03	0.6	1.5	12.70	220	0.54	<0.01	0.1	1.4	180
N810087		2.97	16.05	0.15	1.3	0.143	3.23	22.7	123.5	0.60	1020	2.81	0.09	7.4	2.2	570
N810088		3.56	15.60	0.18	1.3	0.160	2.82	34.0	122.0	0.90	1420	2.25	0.06	6.9	2.9	540
N810089		3.91	14.55	0.15	1.1	0.336	2.91	43.4	46.3	0.73	1560	16.00	0.06	5.3	4.2	490
N810090		3.20	15.60	0.14	1.2	0.253	3.12	26.1	99.3	0.62	1040	1.53	0.08	6.7	2.2	540
N810091		2.88	16.20	0.16	1.3	0.029	3.10	29.8	14.7	0.68	626	2.34	1.74	7.2	2.7	560
N810092		2.81	15.55	0.15	1.3	0.039	3.04	23.8	14.2	0.65	621	2.82	1.72	7.3	2.6	540
N810093		2.91	15.45	0.14	1.3	0.038	3.14	24.8	28.9	0.60	724	2.28	0.56	6.7	2.0	510
N810094		2.56	15.35	0.16	1.3	0.031	2.72	23.7	65.1	0.73	944	2.76	0.06	6.8	2.5	520
N810095		6.56	13.85	0.14	0.9	1.795	2.56	22.7	24.4	0.88	1820	12.80	0.04	5.6	15.5	430
N810096		2.77	17.35	0.16	1.5	0.057	3.17	24.1	38.8	0.50	648	3.01	0.11	8.0	2.3	580
N810097		5.72	13.90	0.14	1.2	0.340	2.89	26.7	21.5	0.97	2120	2.49	0.04	5.6	2.3	450
N810098		2.69	14.95	0.17	1.2	0.053	2.78	28.3	44.7	1.04	1540	6.34	0.04	6.8	2.4	500
N810099		2.32	17.35	0.16	4.4	0.018	2.25	35.3	181.5	0.74	505	1.24	0.04	9.6	7.6	1160
N810100		0.47	0.43	0.10	<0.1	0.014	0.09	0.8	2.0	13.00	216	0.18	0.01	0.5	3.4	220
N810101		5.12	14.35	0.17	1.0	0.649	2.97	25.3	23.8	0.65	1800	5.53	0.10	5.6	2.9	470
N810102		3.24	15.40	0.18	1.0	0.439	3.61	25.2	23.6	0.81	1100	2.96	0.44	5.6	2.6	550
N810103		3.08	16.90	0.16	1.1	0.145	3.19	27.6	60.7	0.76	846	2.52	0.16	7.1	2.6	590
N810104		2.52	16.15	0.21	1.1	0.044	3.04	26.8	15.3	0.71	495	2.18	1.90	6.5	2.7	560
N810105		2.95	16.30	0.15	1.1	0.062	3.03	22.7	15.3	0.77	540	2.11	2.21	7.3	2.8	580
N810106		3.14	15.70	0.18	1.2	0.089	3.01	23.6	21.5	0.71	763	3.27	1.69	6.8	2.6	550
N810107		2.91	16.60	0.15	1.2	0.078	3.10	26.0	40.4	0.76	578	5.01	1.99	7.6	2.6	590
N810108		2.46	16.45	0.16	1.2	0.041	3.11	22.2	20.9	0.68	619	5.65	0.83	6.3	2.3	550
N810109		2.92	17.80	0.09	1.2	0.046	3.21	28.0	21.2	0.67	637	2.21	0.94	7.4	3.2	590
N810110		3.08	15.15	0.16	1.0	0.125	3.02	30.2	34.2	0.95	1280	6.12	0.07	5.5	2.9	520



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**CERTIFICATE OF ANALYSIS WH12167657**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810075		15.1	121.5	<0.002	0.19	4.22	9.2	<1	1.5	271	0.76	<0.05	15.4	0.203	1.60	5.9
N810076		2750	168.0	<0.002	5.05	92.0	8.0	1	7.9	94.9	0.44	0.39	11.6	0.188	2.42	5.5
N810077		30.0	116.0	<0.002	0.23	4.78	9.9	<1	1.9	294	0.80	0.05	15.0	0.221	1.40	5.3
N810078		27.7	146.0	<0.002	0.51	14.60	10.4	1	2.0	99.9	0.58	0.05	17.0	0.180	1.85	4.7
N810079		16.0	124.5	0.002	0.41	8.78	10.0	<1	1.9	142.5	0.52	<0.05	14.1	0.229	2.02	12.3
N810080		23.6	91.4	<0.002	0.17	29.2	9.9	1	2.3	255	0.63	<0.05	13.3	0.248	1.39	3.2
N810081		23.2	83.3	0.002	0.18	32.5	10.3	1	2.3	249	0.65	<0.05	13.5	0.261	1.38	3.7
N810082		13.9	129.0	<0.002	0.12	13.50	10.8	<1	2.1	204	0.61	0.05	14.1	0.250	1.62	3.6
N810083		26.8	97.9	<0.002	0.38	16.65	9.8	<1	2.5	180.0	0.64	<0.05	13.4	0.258	1.36	2.9
N810084		154.0	178.5	<0.002	0.72	10.35	9.5	<1	3.0	126.5	0.49	0.11	14.1	0.197	2.31	8.4
N810085		1025	190.0	<0.002	5.59	38.0	9.1	<1	7.9	62.9	0.48	0.05	10.8	0.215	3.13	6.9
N810086		4.7	2.2	<0.002	0.03	0.18	0.3	<1	0.3	45.4	<0.05	<0.05	0.2	<0.005	0.03	0.6
N810087		119.5	141.5	<0.002	0.51	23.1	10.1	<1	2.3	142.5	0.66	<0.05	14.4	0.246	2.34	5.6
N810088		964	163.5	<0.002	0.89	15.90	10.2	<1	4.1	173.5	0.53	<0.05	16.5	0.228	2.28	4.0
N810089		469	157.0	<0.002	1.07	19.70	8.8	<1	4.5	74.8	0.45	<0.05	16.5	0.193	2.40	6.1
N810090		220	138.5	<0.002	0.72	19.70	9.5	<1	3.5	137.0	0.54	<0.05	14.6	0.239	2.33	4.8
N810091		19.4	136.0	<0.002	0.20	4.59	10.5	<1	1.9	303	0.58	<0.05	15.2	0.248	1.50	4.7
N810092		18.8	120.0	<0.002	0.17	4.46	9.6	<1	1.8	299	0.56	<0.05	13.9	0.243	1.56	4.2
N810093		229	142.0	<0.002	0.52	15.20	9.1	<1	3.2	173.0	0.49	<0.05	14.8	0.227	1.79	4.3
N810094		97.9	116.5	<0.002	0.32	17.95	9.4	<1	2.2	115.5	0.55	<0.05	14.5	0.230	2.10	5.2
N810095		2710	163.0	<0.002	5.00	90.1	7.9	1	8.0	91.0	0.43	0.37	10.9	0.185	2.29	5.4
N810096		48.7	144.5	<0.002	0.14	17.05	10.4	<1	2.4	100.5	0.69	<0.05	15.5	0.245	2.00	4.7
N810097		392	162.0	<0.002	3.15	13.70	8.4	<1	5.2	72.4	0.48	0.33	13.7	0.195	2.88	4.9
N810098		210	178.5	<0.002	0.62	14.95	9.7	<1	2.3	100.5	0.52	<0.05	15.5	0.220	3.11	6.5
N810099		12.6	95.0	<0.002	0.05	29.7	6.1	<1	1.4	473	0.60	<0.05	9.3	0.329	1.59	10.3
N810100		3.1	6.3	0.002	0.01	0.18	0.3	<1	0.4	39.0	0.07	<0.05	<0.2	0.005	0.05	0.4
N810101		969	160.0	0.002	3.61	137.0	8.4	1	6.8	89.4	0.46	0.24	11.1	0.193	2.64	5.9
N810102		99.8	164.5	<0.002	0.31	6.15	9.6	1	1.9	138.5	0.50	0.15	11.7	0.220	2.74	4.2
N810103		128.0	117.0	0.005	0.42	8.60	10.2	1	2.0	128.0	0.60	<0.05	12.1	0.239	1.91	3.6
N810104		19.2	120.0	0.003	0.24	2.75	9.6	1	1.4	297	0.54	<0.05	11.3	0.234	1.49	3.6
N810105		26.4	106.0	<0.002	0.10	1.69	9.6	1	1.9	341	0.62	<0.05	10.9	0.251	1.28	3.6
N810106		95.5	114.5	0.004	0.30	3.61	9.2	1	1.8	280	0.66	<0.05	11.5	0.230	1.47	4.1
N810107		56.9	113.5	0.004	0.07	3.57	10.2	1	2.0	315	0.65	<0.05	12.8	0.252	1.34	3.9
N810108		14.4	114.5	0.002	0.07	10.60	9.4	<1	1.2	153.0	0.61	<0.05	11.3	0.214	1.64	3.5
N810109		15.7	134.5	<0.002	0.15	8.23	10.5	1	1.5	207	0.63	<0.05	14.7	0.236	1.49	4.4
N810110		31.7	133.5	0.008	0.52	10.30	8.9	1	1.4	103.5	0.52	<0.05	11.4	0.188	2.22	5.4





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**CERTIFICATE OF ANALYSIS WH12167657**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N810075		62	1.4	13.0	50	31.7
N810076		57	5.0	9.7	5300	24.4
N810077		65	1.1	13.8	53	39.0
N810078		64	1.7	15.6	73	33.0
N810079		62	4.5	14.3	50	30.5
N810080		64	4.8	12.7	58	36.8
N810081		70	5.1	13.1	60	36.0
N810082		66	4.3	13.4	58	37.2
N810083		61	9.0	10.2	141	41.5
N810084		59	4.2	15.8	759	27.4
N810085		60	8.3	10.7	1880	26.9
N810086		3	0.1	0.8	15	<0.5
N810087		69	2.6	12.4	501	33.2
N810088		61	4.2	13.9	439	34.9
N810089		60	3.5	11.6	2160	26.8
N810090		64	3.7	12.9	1030	31.1
N810091		66	2.1	15.3	47	31.1
N810092		65	2.2	13.7	46	30.9
N810093		60	2.9	13.3	487	35.8
N810094		63	4.4	12.1	75	35.3
N810095		56	4.6	9.3	5370	23.3
N810096		69	3.3	13.7	113	38.8
N810097		55	4.8	10.4	1110	28.9
N810098		58	5.0	14.1	127	35.0
N810099		62	2.6	12.1	69	164.0
N810100		3	0.1	1.0	15	0.5
N810101		55	5.6	10.7	969	31.8
N810102		68	2.4	13.7	1160	27.5
N810103		68	3.2	13.9	442	31.0
N810104		69	1.2	14.2	58	28.7
N810105		70	1.3	14.9	127	29.0
N810106		65	2.5	14.6	176	29.7
N810107		69	9.1	16.6	295	32.3
N810108		69	2.9	12.8	56	30.3
N810109		68	2.3	15.5	54	33.7
N810110		65	4.4	14.6	92	26.5



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**CERTIFICATE OF ANALYSIS WH12167657**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Project: Klaza - 86

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12167658**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811035		4.67	<0.005	0.11	8.10	12.4	2390	1.77	0.14	2.72	0.14	50.7	7.4	13	5.94	8.0
N811036		3.21	<0.005	0.12	7.69	10.7	2250	1.60	0.10	2.74	0.14	48.9	7.5	15	6.29	9.7
N811037		3.98	<0.005	0.09	8.08	7.0	2470	1.60	0.12	2.78	0.12	51.0	7.0	13	5.54	6.6
N811038		<0.02	<0.005	0.08	7.30	6.9	2230	1.60	0.11	2.52	0.10	49.1	6.8	14	5.20	6.4
N811039		1.88	0.121	0.95	7.12	193.0	2190	1.64	0.73	2.96	0.58	44.1	6.9	11	8.15	31.4
N811040		4.57	<0.005	0.13	7.71	5.7	2340	1.56	0.12	2.90	0.14	53.5	7.2	13	4.10	14.6
N811041		1.87	0.031	1.07	7.12	244	2240	1.38	0.72	3.40	1.59	40.9	7.1	11	6.06	60.2
N811042		0.26	4.55	>100	5.43	7890	1330	1.25	60.4	1.88	214	32.8	9.3	16	10.75	1205
N811043		2.64	0.008	0.42	7.28	18.0	2130	1.52	0.73	2.79	0.29	57.3	6.6	12	5.88	22.3
N811044		1.98	0.005	0.26	7.51	34.9	2010	1.55	0.34	2.51	0.30	48.0	6.7	11	7.30	9.5
N811045		1.65	7.08	>100	6.17	7150	680	1.45	7.75	1.93	30.8	43.1	5.1	7	10.75	1450
N811046		3.58	0.005	0.27	0.07	9	20	0.05	0.03	21.0	0.11	1.04	0.7	<1	0.21	3.8
N811047		2.01	0.293	4.09	6.86	977	1500	1.56	1.70	2.80	13.95	40.4	6.7	8	12.60	42.8
N811048		2.42	0.006	0.36	7.30	15.3	2080	1.45	0.19	2.55	0.54	49.1	7.3	12	4.28	9.6
N811049		1.52	0.299	1.83	7.90	1465	1760	1.65	0.60	2.66	5.42	58.6	6.5	13	10.55	34.5
N811050		1.49	0.149	3.71	7.56	1160	1570	1.53	0.28	2.17	26.9	60.1	5.6	12	9.46	22.7
N811051		1.73	0.005	0.46	7.53	22.9	2040	1.40	0.17	2.71	1.35	53.0	6.9	12	7.39	7.1
N811052		2.43	<0.005	0.29	7.39	8.9	1900	1.43	0.51	2.49	0.34	56.5	6.4	14	6.88	7.8
N811053		1.52	<0.005	0.10	7.51	4.5	2270	1.55	0.08	2.40	0.09	61.1	6.0	13	7.21	4.8
N811054		1.70	0.874	2.56	7.54	2900	280	1.51	2.12	1.94	3.26	58.8	7.0	11	11.95	31.4
N811055		2.41	<0.005	0.12	7.39	8.3	2090	1.47	0.13	2.29	0.12	50.3	6.1	11	8.04	6.3
N811056		1.69	0.079	1.16	7.18	188.0	1420	1.30	1.15	2.05	1.81	50.5	6.4	10	11.90	21.2
N811057		0.28	4.48	>100	5.30	6670	440	1.08	53.1	1.95	228	30.3	9.4	19	11.30	1265
N811058		2.78	0.015	1.55	7.00	33.0	1650	1.34	0.31	2.39	12.75	44.8	7.0	11	10.05	27.6
N811059		3.50	<0.005	0.19	7.27	9.2	2160	1.42	0.16	2.66	0.46	44.2	6.3	13	7.56	9.5
N811060		1.85	0.061	4.06	6.80	54.7	1390	1.35	7.23	2.21	0.60	52.5	6.3	10	11.90	74.2
N811061		3.16	0.189	2.35	6.88	193.0	960	1.39	1.15	3.23	8.84	52.8	10.2	10	13.80	61.0
N811062		2.76	<0.005	0.02	0.15	<5	30	0.10	0.02	21.4	0.07	1.39	1.6	2	0.32	2.7
N811063		2.78	0.020	0.76	7.10	90.4	950	1.65	1.15	1.90	0.69	58.4	26.4	10	12.30	23.4
N811064		5.17	0.010	0.30	7.28	22.4	1570	1.64	0.91	2.74	0.21	53.9	9.1	11	11.10	11.2
N811065		3.04	0.028	0.30	6.70	25.6	1820	1.46	0.83	2.49	0.17	49.5	17.4	11	9.03	3.7
N811066		1.88	0.009	0.32	7.13	19.9	1290	1.53	1.21	2.62	0.21	56.1	18.3	11	10.80	6.3
N811067		2.55	0.005	0.28	7.59	11.0	1850	1.53	0.48	2.71	0.24	49.3	7.1	11	11.65	4.0
N811068		1.24	0.006	0.39	7.35	14.4	1740	1.55	0.52	2.65	0.43	48.6	7.1	11	11.35	6.5
N811069		2.53	0.025	0.72	6.07	26.0	550	1.24	0.79	3.39	0.21	47.6	15.9	9	11.05	5.3
N811070		2.10	0.007	0.34	5.74	12.7	1970	1.27	0.82	1.87	0.14	31.0	12.0	14	7.82	3.9



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Project: Klaza - 86

**CERTIFICATE OF ANALYSIS WH12167658**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811035		3.16	17.00	0.11	1.0	0.034	2.73	25.3	14.1	0.89	606	1.43	2.34	8.3	2.9	610
N811036		3.09	16.65	0.12	0.9	0.037	2.47	24.2	15.3	0.85	574	15.00	2.25	7.8	2.9	610
N811037		3.22	16.30	0.13	0.9	0.033	2.59	25.9	13.1	0.91	616	36.3	2.41	7.9	2.8	630
N811038		2.94	15.85	0.13	1.0	0.035	2.42	24.1	12.4	0.83	565	23.2	2.18	7.4	2.9	570
N811039		3.30	15.95	0.10	1.0	0.083	2.66	21.0	12.0	0.80	1200	0.95	1.47	7.4	2.6	610
N811040		3.29	16.60	0.12	0.8	0.046	2.34	25.6	10.3	0.95	663	5.25	2.25	8.2	3.0	660
N811041		3.53	15.75	0.13	0.8	0.170	2.61	19.9	12.4	0.81	1200	4.70	1.57	7.2	2.5	590
N811042		7.94	12.65	0.12	1.1	5.12	2.18	18.4	32.9	0.61	2950	14.55	0.08	5.3	13.9	420
N811043		3.27	16.25	0.14	0.8	0.114	2.67	29.0	14.2	0.82	758	1.11	1.72	7.9	3.3	590
N811044		3.36	16.50	0.12	1.1	0.068	2.80	23.3	14.0	0.79	760	0.80	1.76	7.8	2.6	610
N811045		6.23	14.25	0.14	0.8	1.265	2.85	22.4	12.1	0.65	2160	1.36	0.20	6.3	2.1	490
N811046		0.48	0.20	0.05	<0.1	<0.005	0.03	0.5	1.0	12.60	218	0.12	0.01	0.1	1.5	160
N811047		3.53	16.50	0.13	1.1	0.250	3.10	20.5	12.5	0.71	1060	1.53	0.66	7.4	2.3	590
N811048		2.93	15.80	0.14	1.1	0.063	2.48	24.4	11.3	0.83	632	0.78	2.17	7.3	2.5	580
N811049		3.27	16.25	0.11	1.3	0.085	3.39	30.5	13.5	0.86	834	1.94	1.43	8.3	2.8	600
N811050		3.81	15.55	0.14	1.1	0.220	3.21	32.5	18.1	1.03	921	0.97	1.07	7.6	2.5	590
N811051		2.96	15.05	0.15	1.1	0.070	2.77	27.5	13.7	0.82	735	0.96	1.91	7.6	2.5	570
N811052		2.82	14.60	0.13	1.1	0.105	2.78	30.3	12.8	0.78	749	1.47	2.06	7.2	2.6	540
N811053		2.85	14.60	0.13	1.2	0.044	2.79	32.5	13.7	0.73	504	1.27	2.13	7.5	2.4	540
N811054		4.41	15.70	0.17	1.2	0.149	3.06	30.4	13.1	0.68	654	1.23	0.96	8.1	2.6	590
N811055		2.97	15.25	0.14	1.2	0.055	2.66	25.0	15.2	0.77	508	0.80	2.02	7.9	2.5	600
N811056		3.53	16.80	0.13	1.1	0.253	2.99	26.4	18.8	0.70	1800	1.00	0.97	8.5	3.1	580
N811057		8.10	12.95	0.19	1.0	4.91	2.29	15.5	33.5	0.62	3090	15.40	0.08	5.9	13.7	450
N811058		2.95	16.40	0.13	1.2	0.276	2.80	22.5	15.8	0.74	659	11.45	1.52	8.8	2.6	650
N811059		3.14	17.75	0.16	1.1	0.080	3.05	21.3	12.4	0.79	918	1.62	1.93	8.9	2.9	630
N811060		3.32	16.40	0.17	1.0	0.234	3.32	28.1	14.1	0.74	1660	734	0.61	7.1	2.5	510
N811061		3.69	14.50	0.12	0.8	0.372	3.08	28.2	9.2	1.25	2750	9.94	0.14	5.7	2.2	520
N811062		0.49	0.45	<0.05	<0.1	0.007	0.06	0.7	1.5	13.35	222	2.19	0.01	0.4	0.4	190
N811063		3.01	14.75	0.09	1.0	0.273	3.35	31.7	9.1	0.76	1480	1.31	0.06	5.1	3.3	500
N811064		2.89	15.60	0.11	1.0	0.244	2.98	27.1	11.7	0.77	945	1.85	1.03	6.3	2.4	570
N811065		3.02	14.25	0.11	0.8	0.250	2.78	25.7	14.3	0.80	885	1.40	0.68	5.2	2.4	510
N811066		3.45	14.80	0.13	0.8	0.252	2.92	30.0	10.1	0.96	1230	1.25	0.76	5.7	2.9	570
N811067		3.00	15.55	0.11	1.0	0.078	2.37	23.7	43.7	0.77	654	0.99	1.42	8.0	2.2	620
N811068		2.94	15.20	0.13	1.0	0.084	2.40	23.8	34.6	0.79	666	1.58	1.37	7.8	2.3	600
N811069		3.39	11.70	0.11	0.9	0.265	2.65	25.2	12.7	1.29	1190	2.53	0.05	4.8	4.2	500
N811070		2.07	10.95	0.07	0.8	0.161	2.52	16.1	18.3	0.57	574	0.98	0.07	4.6	3.5	440



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Project: Klaza - 86

**CERTIFICATE OF ANALYSIS WH12167658**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811035		20.3	111.5	<0.002	0.05	1.66	10.6	2	1.7	451	0.69	<0.05	15.3	0.266	1.10	4.3
N811036		24.4	100.0	0.004	0.03	1.29	10.5	1	1.7	441	0.55	0.06	12.6	0.267	1.06	3.0
N811037		18.9	106.0	0.012	0.02	0.87	10.4	1	1.7	466	0.58	0.08	13.7	0.268	0.99	4.1
N811038		17.3	97.6	0.007	0.02	0.83	9.6	2	1.7	420	0.57	<0.05	12.5	0.254	0.93	3.4
N811039		50.6	113.5	<0.002	0.75	5.60	9.9	2	2.3	327	0.54	0.14	10.4	0.259	1.35	3.8
N811040		15.9	100.5	<0.002	0.02	1.00	11.5	1	1.9	440	0.56	<0.05	11.3	0.283	0.93	3.1
N811041		70.2	124.5	<0.002	0.58	5.63	9.6	2	2.5	342	0.51	0.07	9.5	0.257	1.68	4.8
N811042		8950	147.5	<0.002	6.87	208	7.3	2	8.4	123.5	0.42	0.37	9.6	0.175	2.17	5.5
N811043		29.3	125.5	<0.002	0.23	1.96	10.7	1	2.0	352	0.53	0.05	12.5	0.266	1.30	3.7
N811044		32.8	129.5	<0.002	0.39	2.89	10.7	2	2.0	355	0.54	0.05	13.8	0.263	1.41	4.0
N811045		6380	189.0	<0.002	5.30	106.0	9.2	1	11.3	102.0	0.48	0.17	11.2	0.215	2.42	2.8
N811046		11.9	1.7	<0.002	0.02	0.24	0.3	<1	<0.2	41.2	<0.05	<0.05	<0.2	<0.005	0.03	0.4
N811047		492	170.0	<0.002	1.14	11.30	10.6	1	6.0	212	0.52	0.10	11.0	0.250	2.00	4.0
N811048		43.8	104.5	0.003	0.08	2.16	10.1	1	1.7	393	0.54	<0.05	13.6	0.251	0.97	4.1
N811049		489	160.0	<0.002	0.65	32.6	10.8	1	4.3	288	0.79	0.05	17.2	0.246	1.73	7.9
N811050		780	185.5	<0.002	1.20	12.55	10.5	1	5.6	242	0.61	0.06	15.1	0.242	2.00	4.5
N811051		93.9	122.5	<0.002	0.18	3.54	10.5	1	2.0	353	0.63	<0.05	14.0	0.244	1.29	4.1
N811052		29.8	121.0	<0.002	0.07	2.94	10.0	1	1.9	319	0.60	0.19	14.5	0.233	1.28	4.6
N811053		18.6	102.0	<0.002	0.01	1.78	9.3	1	1.6	390	0.71	<0.05	14.0	0.238	1.07	3.8
N811054		460	180.5	<0.002	2.91	14.95	10.5	2	6.5	198.5	0.76	0.17	15.5	0.245	2.14	7.0
N811055		20.9	104.0	<0.002	0.06	2.33	10.6	1	1.9	362	0.57	0.05	13.2	0.256	1.21	3.6
N811056		99.6	169.5	<0.002	0.80	8.55	11.9	1	3.7	223	0.69	0.08	15.3	0.250	2.31	5.1
N811057		9490	126.0	<0.002	7.19	227	7.8	2	9.5	116.5	0.47	0.49	7.9	0.185	2.17	5.1
N811058		278	133.0	0.003	0.33	4.93	12.1	1	2.6	295	0.86	0.05	13.9	0.252	1.87	4.8
N811059		25.4	122.5	<0.002	0.05	3.21	12.4	1	2.3	369	0.75	<0.05	12.0	0.275	1.66	3.4
N811060		90.7	195.5	0.138	0.52	7.88	10.9	2	3.3	152.0	0.62	1.42	15.2	0.216	3.00	4.3
N811061		461	231	0.002	2.00	14.30	9.3	1	4.9	84.0	0.42	0.14	14.5	0.187	3.04	5.1
N811062		2.4	3.0	<0.002	0.01	0.07	0.5	1	<0.2	45.4	<0.05	<0.05	0.2	<0.005	0.02	0.7
N811063		50.5	247	<0.002	1.15	9.33	9.4	1	1.8	57.7	0.47	0.22	17.4	0.160	3.37	4.7
N811064		21.0	161.5	<0.002	0.32	3.92	10.3	1	2.2	184.5	0.54	0.10	13.6	0.213	2.37	5.1
N811065		13.1	168.0	<0.002	0.63	4.14	9.6	1	2.2	114.0	0.43	0.13	13.4	0.176	2.33	3.6
N811066		14.4	194.0	<0.002	0.73	4.22	10.2	1	2.3	143.5	0.44	0.18	13.3	0.190	2.65	6.0
N811067		23.2	96.2	<0.002	0.24	3.58	10.7	1	2.2	317	0.64	0.11	13.5	0.263	1.42	4.0
N811068		23.8	99.1	<0.002	0.33	3.82	10.4	1	2.3	307	0.65	0.11	13.7	0.258	1.54	4.0
N811069		19.6	149.5	<0.002	1.97	8.10	7.9	1	1.6	88.2	0.43	0.16	11.9	0.162	2.37	4.1
N811070		22.2	130.5	<0.002	0.75	18.90	7.4	1	1.3	72.4	0.45	0.18	13.1	0.150	1.86	3.6



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Project: Klaza - 86

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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811035		73	1.0	17.7	49	21.9		
N811036		73	4.8	16.1	50	19.8		
N811037		73	3.9	16.7	48	18.7		
N811038		69	3.0	15.5	45	19.2		
N811039		71	1.6	14.7	78	24.2		
N811040		79	0.7	17.8	50	21.7		
N811041		72	1.3	14.8	206	18.7		
N811042		50	4.4	9.2	>10000	31.8	128	1.710
N811043		74	0.9	16.2	71	20.6		
N811044		73	1.1	15.3	77	27.8		
N811045		59	3.8	11.3	2200	21.2	127	
N811046		2	0.1	0.8	16	<0.5		
N811047		72	2.9	13.6	714	26.5		
N811048		70	0.9	16.5	72	26.9		
N811049		69	4.2	17.4	286	34.4		
N811050		68	4.0	14.6	1250	28.2		
N811051		69	1.4	16.3	102	28.1		
N811052		65	2.1	16.2	65	28.5		
N811053		64	1.3	15.0	52	26.3		
N811054		69	2.5	14.4	196	27.7		
N811055		70	1.3	14.5	53	29.9		
N811056		67	2.4	13.1	159	28.1		
N811057		52	4.4	9.2	>10000	31.4	123	1.595
N811058		71	3.5	15.6	544	28.6		
N811059		77	1.7	15.7	65	26.1		
N811060		67	3.1	13.0	92	23.2		
N811061		64	2.9	12.1	766	21.0		
N811062		3	0.1	1.0	15	<0.5		
N811063		58	2.6	11.5	91	25.0		
N811064		74	2.7	14.3	64	23.9		
N811065		66	3.9	12.4	60	20.3		
N811066		72	2.9	13.4	69	20.7		
N811067		74	1.5	14.8	64	22.3		
N811068		72	1.8	14.4	82	21.1		
N811069		61	4.8	9.8	53	19.0		
N811070		57	3.3	9.0	34	16.8		



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Project: Klaza - 86

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**CERTIFICATE OF ANALYSIS WH12167658**

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.





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**CERTIFICATE WH12167659**

Project: Klaza - 86

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 6-AUG-2012  
Account: ROCKHA

Project: Klaza - 86

**CERTIFICATE OF ANALYSIS WH12167659**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811071		1.55	<0.005	0.22	8.25	10.4	2120	2.16	0.48	2.61	0.21	53.3	2.1	10	14.45	2.5
N811072		1.82	0.013	0.62	7.36	25.9	1220	1.74	0.47	2.98	4.32	57.7	5.3	11	12.95	4.7
N811073		3.12	0.015	0.57	7.40	40.1	1270	1.70	0.69	1.98	2.64	56.0	4.7	10	13.30	5.7
N811074		2.32	0.006	0.29	6.66	21.0	1430	1.48	0.71	2.25	0.50	44.9	8.9	13	11.30	3.9
N811075		3.06	0.009	0.28	7.84	17.4	1510	1.73	0.59	3.24	0.27	46.5	3.6	12	10.20	8.0
N811076		2.35	<0.005	0.19	7.20	8.8	1900	1.55	0.43	2.84	0.18	42.9	3.4	12	10.95	4.1
N811077		1.96	0.130	3.44	7.48	118.0	1210	1.67	4.69	2.66	11.75	49.7	9.8	11	14.20	41.9
N811078		1.79	0.010	0.33	7.76	14.0	1720	1.52	2.18	2.39	0.14	54.9	6.0	10	14.40	31.8
N811079		2.99	0.014	0.34	7.53	23.4	1890	1.50	0.85	2.34	0.26	55.8	7.0	11	8.31	10.9
N811080		0.27	2.31	24.3	5.93	3400	120	1.33	19.10	2.22	75.6	45.4	9.9	18	15.30	430
N811081		4.54	0.013	0.32	7.77	28.0	2100	1.65	1.27	2.70	0.17	56.7	7.3	15	7.44	12.2
N811082		1.56	0.490	1.37	7.60	41.5	2030	1.56	7.77	2.73	0.27	57.0	7.8	13	8.56	125.0
N811083		1.61	0.023	0.76	7.78	20.3	2050	1.62	1.53	2.77	0.33	53.3	6.5	11	9.62	19.9
N811084		1.45	0.047	1.17	7.26	33.3	1900	1.56	8.76	2.52	0.25	55.5	6.3	12	9.71	37.7
N811085		2.51	<0.005	<0.01	0.11	7	20	0.08	0.02	20.4	0.06	1.25	1.0	3	1.07	2.6
N811086		2.53	<0.005	0.08	7.53	4.3	2060	1.90	0.39	2.43	0.11	54.9	6.0	14	6.59	4.0
N811087		2.91	0.088	0.64	7.23	137.0	1710	1.61	1.80	2.49	0.56	54.9	5.5	10	11.25	9.6
N811088		1.61	0.202	0.94	7.36	422	1560	1.51	1.46	2.28	0.92	54.2	12.1	12	10.85	59.6
N811089		1.63	0.005	0.14	7.61	8.0	1980	1.43	0.54	2.31	0.19	55.1	5.3	13	6.89	6.3
N811090		1.77	0.112	0.86	7.50	235	1720	1.45	0.50	2.52	0.38	56.1	6.3	12	9.85	113.5
N811091		3.22	0.008	0.10	7.40	6.3	2060	1.39	0.26	2.30	0.21	47.5	6.4	14	6.08	4.3
N811092		<0.02	<0.005	0.12	7.79	6.7	2170	1.34	0.28	2.42	0.22	48.3	7.1	15	6.12	4.8
N811093		2.12	0.006	0.26	7.59	14.3	2220	1.49	0.65	2.67	0.70	57.3	13.5	13	13.20	3.5
N811094		2.81	<0.005	0.12	7.78	11.3	1930	1.28	0.27	2.70	0.38	62.7	13.6	15	8.72	3.3
N811095		2.37	0.045	0.63	7.45	149.0	1900	1.32	0.43	2.66	3.81	46.7	6.6	11	11.75	10.6
N811096		2.54	0.060	0.62	7.47	116.0	1950	1.39	1.77	1.95	2.41	58.8	6.3	16	15.85	56.4
N811097		2.11	0.008	0.16	7.71	21.9	2090	1.32	0.50	2.47	0.31	51.1	6.1	15	9.92	4.8
N811098		0.26	2.31	24.3	6.05	3160	870	1.22	19.55	2.17	76.9	42.6	11.0	20	14.75	435
N811099		1.65	0.027	0.85	7.59	83.2	1760	1.50	1.81	2.51	1.18	53.1	7.6	12	14.20	26.6
N811100		1.83	<0.005	0.08	7.22	5.5	2130	1.32	0.19	3.16	0.11	49.3	8.4	12	11.35	4.6
N811101		1.79	0.069	4.11	6.88	135.5	690	1.50	1.88	3.15	6.30	48.7	7.8	11	17.95	170.5
N811102		4.88	<0.005	<0.01	0.10	<5	20	0.08	0.02	19.80	0.06	1.32	1.0	2	0.35	1.6
N811103		3.22	<0.005	0.24	8.03	10.2	2490	2.01	0.42	2.64	0.40	45.9	11.3	16	11.50	5.9
N811104		1.68	<0.005	0.20	7.35	11.3	2290	1.58	0.44	2.43	0.38	43.5	11.4	12	10.95	6.0
N811105		2.96	<0.005	0.16	7.23	9.9	2060	1.23	0.29	2.14	0.33	63.9	15.9	13	19.75	6.5
N811106		1.90	<0.005	0.13	7.36	12.5	2350	1.38	0.27	2.78	0.29	55.4	11.5	13	18.95	3.2



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Account: ROCKHA

Project: Klaza - 86

**CERTIFICATE OF ANALYSIS WH12167659**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811071		2.30	16.10	0.09	1.3	0.453	3.44	26.7	27.8	0.64	696	1.40	0.65	6.5	2.5	600
N811072		2.48	14.05	0.11	1.0	0.482	3.30	30.8	9.0	0.83	1200	0.57	0.40	6.6	2.6	550
N811073		3.22	15.40	0.11	0.9	0.599	3.22	29.7	17.7	0.68	1940	0.79	0.14	6.5	3.2	560
N811074		2.93	13.55	0.11	0.8	0.444	3.21	23.2	18.9	0.73	1120	4.32	0.17	4.9	2.5	460
N811075		2.42	14.95	0.11	1.1	0.221	2.92	23.8	16.5	0.83	729	1.52	1.00	6.5	2.1	580
N811076		1.72	14.05	0.10	1.0	0.150	2.91	21.1	12.1	0.61	509	1.50	0.96	6.2	1.8	550
N811077		3.75	15.05	0.13	1.0	0.530	3.42	26.0	13.1	0.83	2210	1.77	0.25	5.6	2.1	590
N811078		3.21	15.45	0.14	1.1	0.245	2.86	27.7	23.8	0.81	711	1.05	1.29	7.7	2.4	620
N811079		3.29	14.70	0.14	1.1	0.141	2.89	28.5	19.3	0.86	780	1.36	1.59	7.7	2.5	590
N811080		6.77	12.85	0.17	0.9	1.660	2.56	23.0	23.7	0.92	1840	13.55	0.04	5.7	14.5	440
N811081		3.39	15.45	0.14	1.1	0.155	2.74	28.2	16.5	0.99	855	1.11	2.03	8.2	2.8	650
N811082		4.00	15.10	0.14	1.1	0.343	2.54	29.0	14.0	0.98	733	1.49	1.86	8.0	3.1	690
N811083		3.23	14.85	0.13	1.0	0.307	2.78	27.3	17.6	0.85	699	0.67	1.90	7.6	2.5	590
N811084		3.31	14.30	0.14	1.0	0.184	2.85	29.4	15.0	0.70	661	1.18	1.52	7.2	2.3	540
N811085		0.50	0.35	<0.05	<0.1	0.006	0.06	0.6	2.3	12.60	236	0.25	0.01	0.4	2.4	170
N811086		2.85	16.65	0.13	1.1	0.090	2.73	29.2	20.7	0.77	629	0.85	1.97	8.5	2.8	540
N811087		3.13	16.70	0.15	1.2	0.322	3.59	29.6	10.5	0.87	2090	3.28	0.36	7.2	2.2	560
N811088		3.55	17.40	0.15	0.9	0.213	3.25	30.3	14.5	0.90	1480	4.03	0.74	7.7	3.1	570
N811089		3.14	17.40	0.13	1.0	0.090	2.72	29.3	15.3	0.82	684	0.80	2.00	8.5	2.9	600
N811090		3.12	17.70	0.16	1.0	0.129	2.97	31.3	16.1	0.85	1040	0.81	1.45	8.5	3.2	570
N811091		2.79	16.45	0.13	1.0	0.041	2.60	24.9	14.1	0.75	539	0.93	2.04	7.9	2.9	560
N811092		2.93	18.10	0.14	0.9	0.041	2.73	26.3	14.5	0.79	563	1.01	2.12	8.8	3.2	590
N811093		2.41	18.45	0.15	1.0	0.134	3.08	30.3	16.3	0.77	742	0.64	1.19	8.3	3.6	590
N811094		2.36	17.25	0.15	1.1	0.045	2.84	33.5	13.1	0.75	770	0.80	1.75	8.4	3.3	600
N811095		2.99	16.80	0.15	1.1	0.122	2.98	26.1	15.4	0.85	1510	2.22	1.04	8.3	3.0	580
N811096		3.85	17.70	0.14	1.0	0.233	3.10	33.2	26.2	0.92	2050	0.86	0.43	8.0	3.7	580
N811097		3.39	17.85	0.14	1.3	0.086	2.93	26.6	18.4	0.85	819	0.60	1.62	9.2	3.2	620
N811098		6.67	15.15	0.14	1.0	1.665	2.57	23.3	24.6	0.89	1880	13.55	0.04	6.4	15.9	450
N811099		4.17	18.20	0.15	1.2	0.352	3.03	28.8	25.2	0.91	1330	0.83	0.83	8.7	3.4	630
N811100		3.21	16.40	0.13	1.3	0.063	2.71	25.2	18.1	0.79	801	0.60	1.22	9.3	3.3	640
N811101		4.09	16.60	0.14	1.2	0.400	2.83	25.4	19.2	0.92	1640	1.18	0.39	8.7	3.3	600
N811102		0.46	0.32	0.05	<0.1	0.005	0.04	0.7	1.4	12.20	210	0.17	0.01	0.4	2.5	180
N811103		2.36	17.90	0.13	1.4	0.056	2.82	23.4	27.2	0.78	518	1.56	1.53	9.2	3.8	670
N811104		2.16	15.85	0.15	1.3	0.050	2.59	22.7	22.2	0.70	458	1.08	1.40	8.1	3.4	600
N811105		2.43	16.25	0.16	1.2	0.021	2.64	36.6	22.8	0.76	544	1.40	0.52	7.7	4.2	570
N811106		2.18	16.60	0.14	1.4	0.020	2.42	29.3	30.8	0.87	561	1.23	0.74	8.4	3.2	610



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Project: Klaza - 86

**CERTIFICATE OF ANALYSIS WH12167659**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811071		12.7	187.0	<0.002	0.20	8.55	10.8	1	2.1	223	0.66	0.07	16.7	0.212	2.87	5.3
N811072		188.0	229	<0.002	0.50	18.10	9.3	1	2.7	128.5	0.61	0.09	15.6	0.211	3.25	5.6
N811073		89.9	227	<0.002	0.78	22.1	10.3	1	2.6	86.9	0.54	0.11	14.3	0.216	3.18	4.4
N811074		22.8	227	<0.002	0.57	16.40	8.2	1	2.5	93.7	0.43	0.11	12.8	0.171	3.03	4.4
N811075		21.2	171.5	<0.002	0.31	11.15	9.8	1	2.0	196.0	0.57	0.08	16.1	0.205	2.57	5.0
N811076		16.7	164.0	<0.002	0.15	14.45	9.3	1	2.0	209	0.54	0.06	14.0	0.202	2.58	4.9
N811077		289	244	<0.002	1.61	10.55	10.6	1	3.7	93.2	0.46	0.29	14.2	0.193	3.33	5.7
N811078		16.6	137.5	<0.002	0.30	3.65	10.7	1	2.1	247	0.67	0.17	14.7	0.252	1.91	3.7
N811079		23.6	133.5	<0.002	0.43	2.51	9.9	1	2.4	305	0.64	0.12	14.7	0.252	1.54	4.6
N811080		2720	152.5	0.002	4.80	89.6	7.3	2	7.7	85.1	0.46	0.44	10.1	0.173	2.32	5.3
N811081		19.9	120.0	<0.002	0.25	1.92	11.0	1	2.0	358	0.71	0.06	13.7	0.272	1.33	5.2
N811082		27.9	116.0	<0.002	1.04	3.06	11.7	2	2.6	346	0.66	0.30	14.3	0.276	1.32	5.7
N811083		23.5	116.0	<0.002	0.49	2.68	10.5	1	2.0	364	0.58	0.28	13.1	0.254	1.33	4.3
N811084		27.9	118.0	<0.002	1.15	3.04	9.2	1	2.6	303	0.60	0.37	11.7	0.234	1.41	4.1
N811085		2.0	4.5	<0.002	0.01	0.05	0.3	1	0.2	42.8	<0.05	<0.05	0.2	<0.005	0.03	0.8
N811086		19.2	111.0	<0.002	0.12	1.89	11.1	1	1.8	360	0.62	<0.05	13.6	0.241	1.13	4.1
N811087		40.6	219	<0.002	1.18	9.55	10.2	1	4.2	128.5	0.65	0.32	15.3	0.225	3.27	4.9
N811088		58.8	201	<0.002	1.25	4.76	10.9	1	4.2	195.5	0.54	0.17	12.6	0.243	2.38	4.4
N811089		21.4	107.0	<0.002	0.19	2.41	11.2	1	1.8	372	0.65	<0.05	15.2	0.267	1.40	3.8
N811090		27.7	143.0	<0.002	0.51	3.68	10.9	1	2.4	286	0.63	0.06	16.0	0.254	1.63	5.3
N811091		22.5	89.2	<0.002	0.06	2.49	10.1	1	1.5	381	0.61	<0.05	12.2	0.242	1.04	3.7
N811092		22.0	101.0	<0.002	0.06	2.51	10.8	1	1.5	398	0.60	0.05	12.3	0.256	1.03	3.8
N811093		40.1	137.0	<0.002	0.28	10.60	11.2	1	1.9	292	0.61	0.08	12.2	0.256	2.31	3.6
N811094		27.7	119.0	<0.002	0.13	3.76	10.6	1	1.6	333	0.65	<0.05	13.7	0.261	1.63	4.4
N811095		87.0	167.5	<0.002	0.53	15.40	10.6	1	1.5	255	0.64	<0.05	13.6	0.241	2.02	5.5
N811096		77.5	209	<0.002	0.56	26.6	11.2	1	2.3	175.0	0.60	0.50	13.8	0.253	2.71	4.5
N811097		26.8	134.0	<0.002	0.15	3.45	11.2	1	2.0	334	0.71	0.05	14.0	0.268	1.66	4.6
N811098		2740	147.0	0.002	4.81	86.4	8.0	1	7.7	91.6	0.49	0.39	11.0	0.181	2.46	5.8
N811099		41.1	157.0	<0.002	1.07	5.93	11.6	1	3.2	241	0.67	0.12	14.0	0.265	2.13	6.4
N811100		18.1	104.5	<0.002	0.03	2.51	11.0	1	1.8	337	0.74	<0.05	12.7	0.273	1.33	4.0
N811101		120.0	137.0	<0.002	2.03	18.10	10.5	1	4.2	201	0.68	0.13	11.6	0.251	2.17	8.5
N811102		1.7	2.2	<0.002	0.01	0.07	0.3	1	<0.2	46.5	<0.05	<0.05	0.2	<0.005	0.02	0.7
N811103		27.5	116.5	<0.002	0.09	27.2	13.3	1	1.3	371	0.81	0.05	12.2	0.286	1.58	5.2
N811104		27.6	99.1	<0.002	0.10	32.1	11.1	1	1.4	340	0.79	0.06	11.6	0.258	1.47	5.7
N811105		18.8	123.0	<0.002	0.27	65.0	11.2	1	1.1	235	0.62	<0.05	12.2	0.245	1.37	4.7
N811106		21.9	96.0	<0.002	0.12	67.0	11.2	1	0.9	303	0.77	<0.05	13.8	0.264	1.56	4.5



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 Account: ROCKHA

Project: Klaza - 86

**CERTIFICATE OF ANALYSIS WH12167659**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N811071		77	2.7	14.3	55	27.9
N811072		62	1.9	13.5	302	21.9
N811073		69	2.3	12.8	256	21.5
N811074		64	2.8	11.6	86	17.7
N811075		69	2.2	15.2	74	25.5
N811076		63	1.9	15.2	53	23.8
N811077		70	3.0	13.7	1140	22.6
N811078		73	1.9	15.4	60	26.7
N811079		69	3.5	15.5	63	27.2
N811080		56	5.1	10.1	5050	24.3
N811081		78	1.8	18.4	58	25.7
N811082		83	2.1	19.1	80	24.0
N811083		71	1.4	16.4	87	23.3
N811084		63	1.8	14.4	59	21.9
N811085		1	0.1	0.9	14	<0.5
N811086		66	0.9	17.5	48	28.1
N811087		67	4.0	12.2	86	26.3
N811088		68	2.9	14.2	124	22.0
N811089		73	1.0	17.1	58	24.0
N811090		72	1.8	16.9	74	23.3
N811091		67	0.9	15.6	53	23.2
N811092		72	0.8	18.0	56	24.7
N811093		72	1.7	17.5	110	23.7
N811094		73	1.6	16.1	69	25.6
N811095		70	5.1	14.6	382	29.4
N811096		77	3.9	16.2	280	24.3
N811097		76	1.9	17.5	76	32.1
N811098		57	5.1	10.2	5520	26.3
N811099		76	8.0	16.6	151	32.2
N811100		77	1.6	19.0	49	33.5
N811101		73	2.9	16.7	422	29.5
N811102		1	0.1	0.8	13	0.5
N811103		83	4.3	16.1	73	32.4
N811104		73	4.8	14.2	67	28.3
N811105		75	2.7	17.0	53	29.0
N811106		77	2.3	15.5	63	31.4



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Project: Klaza - 86

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Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12167659**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12168576**

Project: Klaza-66

P.O. No.:

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140554\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12168576**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N829522		0.031
N829523		0.479
N829524		<0.005
N829525		0.053
N829526		0.028
N829527		4.37
N829528		0.085
N829529		0.136
N829530		0.306
N829531		0.031
N829532		0.159
N829533		0.262
N829534		<0.005
N829535		0.077
N829536		0.020
N829537		0.025
N829538		0.017
N829539		0.016
N829540		0.079
N829541		0.031
N829542		0.023
N829543		0.007
N829544		0.009
N829545		0.036
N829546		0.035
N829547		0.023
N829548		0.020
N829549		2.22
N829550		0.056
N829551		2.51
N829552		0.039
N829553		0.039
N829554		0.021
N829555		0.023
N829556		0.027
N829557		0.026
N829558		0.014

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12140554\*\*





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**CERTIFICATE WH12168577**

Project: Klaza-70

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: ROCKHAVEN RESOURCES LTD.  
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147077\*\* \*\*Project name ROCKHA\_WH12147077 changed to Klaza-70.\*\*



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 Account: ROCKHA

Project: Klaza-70

**CERTIFICATE OF ANALYSIS WH12168577**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N828424		0.122
N828425		0.208
N828426		<0.005
N828427		<0.005
N828428		<0.005
N828429		<0.005
N828430		0.005
N828431		<0.005
N828432		0.005
N828433		0.012
N828434		2.17
N828435		0.055
N828436		0.005
N828437		1.065
N828438		0.578
N828439		0.005
N828440		0.009
N828441		0.006
N828442		<0.005
N828443		<0.005
N828444		<0.005
N828445		<0.005
N828446		<0.005
N828447		<0.005
N828448		0.496
N828449		<0.005
N828450		0.011
N828451		0.821
N828452		0.029
N828453		0.008
N828454		0.007
N828455		0.009
N828456		0.275
N828457		<0.005
N828458		0.036
N828459		0.036

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147077\*\* \*\*Project name ROCKHA\_WH12147077 changed to Klaza-70.\*\*



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**CERTIFICATE WH12168621**

Project: Klaza-68

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145815\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-68

**CERTIFICATE OF ANALYSIS WH12168621**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N829194		0.100
N829195		0.024
N829196		0.024
N829197		0.008
N829198		0.013
N829199		0.008
N829200		<0.005
N829201		0.011
N829202		0.175
N829203		<0.005
N829204		<0.005
N829205		<0.005
N829206		<0.005
N829207		0.785
N829208		0.219
N829209		<0.005
N829210		<0.005
N829211		<0.005
N829212		0.022
N829213		<0.005
N829214		<0.005
N829215		0.057
N829216		0.007
N829217		1.195
N829218		<0.005
N829219		0.760
N829220		0.288
N829221		2.33
N829222		0.457
N829223		1.850
N829224		0.020
N829225		0.033
N829226		0.043
N829227		0.277
N829228		<0.005
N829229		0.005

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145815\*\*



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Finalized Date: 11-AUG-2012

Account: ROCKHA

**CERTIFICATE WH12170280**

Project: Klaza-82

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza-82

**CERTIFICATE OF ANALYSIS WH12170280**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810484		0.26	2.44	25.0	6.22	3060	660	1.21	18.50	2.28	80.8	42.1	11.5	16	14.85	442
N810485		5.86	0.055	0.92	7.93	93.7	1700	1.52	1.05	2.74	5.23	55.5	7.7	7	13.95	16.9
N810486		6.46	0.009	0.31	7.68	21.2	2370	1.54	0.50	2.33	0.24	54.0	8.8	11	9.69	7.8
N810487		3.63	0.218	4.60	6.97	436	250	1.37	15.05	2.21	2.20	49.9	8.8	7	10.40	124.5
N810488		3.61	<0.005	0.02	0.07	<5	20	0.05	0.06	19.85	0.06	1.25	1.0	<1	0.15	3.7
N810489		9.91	0.009	0.16	7.45	13.2	1800	1.46	0.40	2.66	0.85	53.6	5.9	8	12.20	5.0
N810490		0.26	4.63	>100	5.37	6920	550	0.99	55.3	1.84	214	33.1	8.7	15	10.20	1205
N810491		10.77	0.011	1.25	7.20	21.0	1160	1.67	4.08	3.34	0.43	49.2	5.3	6	20.5	32.0
N810492		11.12	0.022	1.04	7.35	20.5	610	1.94	2.77	2.93	0.80	36.7	11.3	5	16.40	13.5
N810493		8.28	0.023	1.52	6.88	52.2	490	1.75	2.20	2.99	19.95	32.0	2.9	6	16.15	14.6
N810494		4.40	0.114	1.73	7.61	557	590	1.50	2.40	1.73	9.67	47.4	4.8	6	12.55	93.5
N810495		3.94	0.007	0.64	8.12	32.1	290	1.73	1.16	1.49	2.89	48.6	3.2	6	14.55	5.0
N810496		6.32	0.458	19.25	6.77	892	410	1.20	117.0	3.06	7.01	42.6	2.0	5	10.00	231
N810497		11.57	<0.005	0.42	6.96	14.7	490	1.66	1.05	3.38	1.16	44.5	1.5	8	18.65	18.0
N810498		8.61	0.009	0.42	6.91	19.5	540	1.75	0.89	3.25	1.70	37.7	1.6	7	17.20	3.0
N810499		5.17	1.075	3.64	7.05	1070	400	1.24	6.26	1.58	4.68	45.0	5.0	8	8.78	59.4
N810500		3.29	<0.005	0.04	0.13	8	30	0.07	0.09	20.0	0.09	1.78	1.0	<1	0.38	2.1
N810501		7.55	0.008	0.54	6.92	19.7	460	1.64	1.21	3.04	2.94	36.6	4.1	6	12.75	5.2
N810502		7.00	0.015	1.00	6.86	50.9	930	1.55	2.17	3.45	6.82	41.3	10.8	6	10.75	8.5
N810503		5.07	0.009	0.61	7.36	19.9	800	1.54	1.77	3.05	1.44	44.4	3.9	6	14.80	3.9
N810504		10.78	0.009	0.63	7.92	14.6	580	1.79	1.58	2.44	1.86	44.1	4.0	8	14.30	11.3
N810505		3.83	0.184	0.79	7.31	306	300	1.35	1.73	2.76	2.74	47.5	3.6	5	9.42	15.5
N810506		3.63	0.176	1.36	7.43	198.5	410	1.48	2.90	3.61	2.56	47.4	3.1	6	14.50	42.2
N810507		9.25	0.015	0.20	7.55	17.1	420	1.62	0.75	2.47	0.37	49.1	1.4	9	10.55	2.0
N810508		7.96	0.013	0.42	7.33	10.8	630	1.67	1.18	2.43	0.88	39.5	1.5	7	9.55	5.6
N810509		11.62	0.031	0.56	7.81	27.6	800	1.66	1.57	2.69	2.30	51.0	4.9	7	12.00	10.7
N810510		6.92	0.006	0.13	7.70	10.2	1570	1.62	0.36	2.63	0.24	50.0	4.0	7	12.00	2.7
N810511		2.19	0.006	0.10	7.17	9.8	1700	1.65	0.24	2.48	0.26	56.5	4.5	7	10.25	2.0
N810512		10.92	0.015	0.39	7.55	16.0	1880	1.56	0.70	2.37	0.58	52.8	5.2	7	11.85	3.7
N810513		11.03	<0.005	0.15	7.47	13.6	1990	1.55	0.31	2.16	0.24	56.1	6.7	7	10.75	4.6
N810514		<0.02	0.005	0.14	7.49	13.0	2030	1.56	0.33	2.18	0.29	55.6	7.6	8	10.80	4.6
N810515		6.97	0.054	0.44	7.57	20.0	2150	1.39	1.23	1.79	1.26	54.3	8.1	7	10.80	7.8
N810516		4.57	0.028	0.20	7.03	24.8	2040	1.39	0.67	2.28	0.40	46.0	4.8	7	12.95	3.0
N810517		4.21	0.053	0.54	7.29	63.1	2530	1.41	1.75	2.46	0.78	53.6	5.7	8	11.45	12.0
N810518		5.11	0.020	0.27	7.08	18.6	2190	1.63	1.79	2.50	0.15	47.8	5.8	7	15.05	3.9
N810519		4.56	0.051	0.53	7.54	49.8	1740	1.57	1.98	2.12	0.41	48.1	6.5	9	15.70	12.0



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**CERTIFICATE OF ANALYSIS WH12170280**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810484		6.82	14.30	0.13	0.9	1.790	2.61	22.5	25.3	0.93	1920	13.10	0.04	6.4	17.2	450
N810485		3.25	16.75	0.15	1.1	0.227	2.81	30.0	16.2	0.83	852	1.73	1.44	8.8	3.4	630
N810486		3.00	16.50	0.14	1.1	0.065	2.87	28.3	17.7	0.84	688	0.99	2.52	8.4	3.2	600
N810487		5.50	15.40	0.17	1.0	0.226	2.75	26.2	16.4	0.71	860	2.05	1.21	7.5	3.1	520
N810488		0.46	0.21	<0.05	<0.1	0.005	0.02	0.6	0.9	12.50	214	0.12	0.01	0.2	0.9	170
N810489		2.61	16.45	0.12	1.0	0.059	2.42	28.0	15.6	0.74	666	1.21	2.04	8.4	2.7	550
N810490		7.62	12.05	0.16	0.9	4.16	2.23	16.7	30.2	0.60	2940	15.45	0.08	5.6	13.7	450
N810491		2.33	16.50	0.09	0.8	0.677	1.73	20.5	15.5	0.79	898	0.48	1.79	7.7	2.5	560
N810492		2.47	17.75	0.11	0.8	0.498	2.04	12.8	22.2	0.86	887	0.42	1.75	7.4	8.5	550
N810493		1.78	16.30	0.11	0.9	0.396	2.53	10.8	17.5	0.62	840	0.72	0.84	7.6	1.9	560
N810494		3.87	16.80	0.13	0.7	0.515	3.12	20.0	27.3	0.62	1220	0.88	0.29	7.0	2.1	580
N810495		2.32	18.85	0.13	0.8	0.292	2.52	18.7	80.7	0.63	1110	0.59	0.06	8.5	2.0	610
N810496		3.65	13.90	0.13	0.7	0.381	2.64	19.1	33.5	1.05	1900	2.73	0.06	6.4	1.5	500
N810497		1.29	16.90	0.11	0.8	0.180	1.46	15.7	26.6	0.67	710	0.65	2.18	8.4	1.4	570
N810498		1.41	16.20	0.13	0.7	0.229	1.96	13.1	13.8	0.65	696	0.53	2.14	7.6	1.6	590
N810499		4.77	15.65	0.15	0.7	0.316	3.12	19.7	13.5	0.76	869	0.88	0.06	6.8	2.2	500
N810500		0.50	0.31	<0.05	<0.1	0.007	0.05	0.8	1.1	12.65	227	0.11	0.01	0.3	1.2	190
N810501		1.71	17.15	0.08	0.8	0.295	2.31	13.1	23.4	0.57	630	0.71	1.41	7.9	2.8	580
N810502		2.31	16.30	0.11	0.7	0.599	2.00	14.8	31.0	0.49	802	1.32	1.59	7.1	3.3	800
N810503		2.17	17.05	0.12	0.8	0.469	1.70	16.3	25.9	0.71	737	0.31	2.21	7.3	1.8	600
N810504		2.02	18.50	0.13	0.9	0.451	1.99	16.0	22.6	0.65	751	0.56	1.62	8.3	1.9	610
N810505		3.49	16.10	0.14	0.7	0.425	3.08	19.7	22.2	1.05	3040	0.92	0.07	6.6	1.5	540
N810506		2.32	16.40	0.12	1.0	0.271	3.10	19.5	17.8	1.12	2620	3.99	0.10	7.8	2.3	590
N810507		3.11	16.70	0.13	0.8	0.571	2.58	18.1	41.1	0.80	1160	0.32	0.99	7.6	1.5	600
N810508		2.40	16.75	0.13	0.7	0.491	1.91	15.3	12.1	0.75	854	0.23	2.15	7.3	1.8	560
N810509		3.33	17.75	0.13	0.8	0.512	2.14	23.2	13.8	0.94	975	0.38	1.86	7.4	2.6	610
N810510		2.56	16.30	0.13	1.0	0.091	2.37	25.6	16.5	0.75	640	0.61	2.31	8.1	2.6	590
N810511		2.51	16.55	0.15	1.0	0.056	2.51	30.3	17.8	0.68	597	0.67	2.26	8.5	2.9	570
N810512		2.49	16.20	0.15	1.0	0.105	2.40	27.3	17.7	0.77	669	0.96	2.37	8.4	3.2	570
N810513		2.44	16.00	0.14	0.9	0.067	2.53	29.5	18.7	0.71	638	0.84	2.46	8.5	3.0	570
N810514		2.48	16.25	0.13	0.9	0.068	2.59	29.2	18.8	0.71	644	0.91	2.46	8.4	3.0	570
N810515		2.96	16.10	0.15	0.9	0.176	2.78	28.8	16.0	0.54	678	0.99	1.35	7.6	3.0	570
N810516		2.67	16.15	0.13	1.0	0.159	2.83	22.0	24.3	0.68	726	1.03	1.20	8.2	2.7	570
N810517		3.29	15.20	0.14	0.9	0.154	3.01	28.5	25.1	0.64	723	1.07	0.90	7.4	2.8	530
N810518		2.60	16.00	0.15	1.1	0.093	3.12	24.0	12.2	0.64	602	1.01	1.27	8.1	2.8	570
N810519		2.56	15.00	0.20	1.0	0.123	2.89	25.3	24.9	0.70	625	1.03	0.69	6.9	2.8	620



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**CERTIFICATE OF ANALYSIS WH12170280**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810484		2870	164.0	0.002	5.04	92.3	7.8	1	8.6	92.8	0.47	0.45	10.0	0.179	2.27	5.1
N810485		180.5	128.5	<0.002	0.57	6.07	11.6	1	2.3	271	0.64	0.09	14.4	0.270	1.59	4.4
N810486		28.9	105.0	<0.002	0.25	2.77	11.1	1	1.6	428	0.64	0.07	13.9	0.262	1.09	4.2
N810487		128.0	123.0	<0.002	3.14	9.05	9.8	1	4.4	246	0.56	0.22	12.0	0.224	1.54	4.7
N810488		1.8	1.1	<0.002	0.02	<0.05	0.2	1	<0.2	49.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N810489		29.9	105.5	<0.002	0.14	2.69	9.7	1	1.3	352	0.62	<0.05	13.6	0.230	1.11	4.6
N810490		9220	122.0	<0.002	6.94	207	6.2	2	7.9	116.5	0.41	0.44	8.0	0.173	1.86	5.0
N810491		43.2	94.2	<0.002	0.25	5.66	10.0	1	2.4	324	0.60	0.12	13.2	0.208	1.43	4.2
N810492		38.5	102.5	<0.002	0.47	5.12	10.0	1	3.8	255	0.59	0.05	13.1	0.204	1.78	3.5
N810493		380	118.0	<0.002	0.30	5.86	9.1	1	3.2	167.5	0.63	0.06	13.2	0.209	2.19	3.6
N810494		221	201	<0.002	1.07	13.35	9.7	1	6.6	80.5	0.54	0.07	15.3	0.189	2.61	4.3
N810495		78.1	129.5	<0.002	0.19	16.05	10.9	1	3.7	79.5	0.68	0.06	16.4	0.224	2.56	6.1
N810496		619	159.0	<0.002	1.93	44.8	8.5	1	6.2	100.5	0.52	0.11	12.3	0.186	2.27	4.4
N810497		57.3	81.0	<0.002	0.06	7.51	10.4	1	2.4	362	0.66	<0.05	12.9	0.219	1.34	3.7
N810498		55.8	100.0	<0.002	0.13	3.83	10.7	1	2.4	315	0.60	0.06	13.4	0.214	1.61	3.6
N810499		356	211	<0.002	3.39	12.10	9.1	1	5.4	60.3	0.53	0.45	14.0	0.192	2.39	4.5
N810500		3.8	3.2	<0.002	0.04	0.14	0.3	1	0.2	50.2	<0.05	<0.05	0.2	<0.005	0.03	0.6
N810501		52.7	121.5	<0.002	0.52	3.83	10.3	1	2.6	232	0.59	0.14	12.1	0.214	1.93	3.4
N810502		84.9	102.0	<0.002	0.98	3.70	8.6	1	4.0	273	0.56	0.16	12.6	0.203	1.70	3.2
N810503		39.7	93.8	<0.002	0.42	4.05	9.7	1	3.3	325	0.59	0.15	13.7	0.199	1.50	3.5
N810504		68.4	117.0	<0.002	0.28	7.49	11.1	1	2.7	231	0.65	0.10	15.6	0.221	2.00	3.5
N810505		91.7	176.0	<0.002	1.54	9.56	9.3	1	5.0	79.4	0.55	0.07	14.5	0.194	2.79	4.8
N810506		91.3	152.0	<0.002	1.02	13.25	10.7	1	2.8	109.5	0.63	0.08	13.5	0.233	3.17	7.4
N810507		20.8	123.5	<0.002	0.19	3.32	10.3	1	5.2	142.0	0.60	0.06	13.7	0.224	2.23	4.0
N810508		35.0	93.1	<0.002	0.13	2.78	10.1	1	4.0	257	0.58	<0.05	13.8	0.210	1.63	3.4
N810509		50.7	107.5	<0.002	0.54	3.28	10.9	1	4.7	274	0.56	0.11	15.3	0.209	1.56	4.3
N810510		18.9	83.3	<0.002	0.15	2.91	10.3	1	1.4	367	0.63	<0.05	15.1	0.229	0.89	4.6
N810511		19.5	91.8	<0.002	0.09	2.64	10.5	1	1.2	371	0.65	<0.05	15.7	0.231	0.83	5.3
N810512		28.6	85.6	<0.002	0.31	4.39	10.3	1	1.5	369	0.67	0.11	15.0	0.235	0.87	4.8
N810513		23.8	87.1	<0.002	0.15	4.74	10.3	1	1.4	400	0.66	<0.05	15.1	0.231	0.81	4.9
N810514		24.7	89.5	<0.002	0.17	4.83	10.4	1	1.4	399	0.66	<0.05	15.2	0.230	0.81	5.0
N810515		74.6	109.5	<0.002	0.70	9.33	10.1	1	2.1	242	0.59	0.24	14.5	0.230	1.06	4.2
N810516		29.8	104.0	<0.002	0.45	7.68	10.8	1	1.8	232	0.65	0.10	13.5	0.228	1.29	3.6
N810517		45.5	131.0	<0.002	1.15	4.92	9.5	1	2.7	264	0.59	0.10	13.2	0.217	1.57	4.2
N810518		18.2	123.5	<0.002	1.03	3.74	10.6	1	1.4	361	0.68	0.27	14.3	0.213	1.65	5.3
N810519		22.0	133.5	0.002	1.05	10.10	10.4	1	2.1	197.5	0.58	0.51	12.4	0.236	2.17	3.2





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**CERTIFICATE OF ANALYSIS WH12170280**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810484		55	5.3	10.2	5360	26.8		
N810485		74	2.2	17.5	378	27.5		
N810486		70	1.2	17.2	51	28.6		
N810487		61	3.9	13.9	248	25.5		
N810488		2	0.3	0.8	18	<0.5		
N810489		62	1.4	17.0	105	29.5		
N810490		51	4.2	9.0	>10000	31.9	114	1.635
N810491		65	1.5	18.1	82	23.4		
N810492		64	1.7	15.6	120	21.9		
N810493		60	1.6	14.3	1720	25.0		
N810494		48	3.0	13.4	853	18.4		
N810495		61	2.3	16.0	274	22.0		
N810496		51	3.4	12.6	742	21.0		
N810497		57	0.9	15.5	143	23.4		
N810498		56	1.1	14.3	185	20.2		
N810499		54	4.2	11.2	441	20.8		
N810500		3	0.3	0.9	20	<0.5		
N810501		63	1.2	13.1	291	24.0		
N810502		58	1.6	14.2	640	19.7		
N810503		60	1.0	15.5	177	20.9		
N810504		69	1.4	16.0	202	25.6		
N810505		56	3.0	13.5	322	20.1		
N810506		68	4.1	13.6	276	27.0		
N810507		71	1.9	15.6	99	22.1		
N810508		59	1.5	13.7	122	20.8		
N810509		66	2.1	16.1	249	22.8		
N810510		62	1.2	16.0	60	27.9		
N810511		63	1.1	17.0	53	28.9		
N810512		63	1.4	17.0	95	26.7		
N810513		62	1.1	16.5	60	25.8		
N810514		63	1.0	16.5	62	26.0		
N810515		63	2.4	15.5	141	24.6		
N810516		68	2.2	15.2	76	27.5		
N810517		59	3.5	14.1	104	24.4		
N810518		61	2.9	15.8	47	28.9		
N810519		69	6.3	13.8	63	33.0		



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Project: Klaza-84

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 8-AUG-2012  
Account: ROCKHA

Project: Klaza-84

**CERTIFICATE OF ANALYSIS WH12170281**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813072		6.12	0.008	0.32	7.39	50.2	1880	1.38	0.15	2.92	3.24	40.2	8.3	14	10.70	11.1
N813073		0.26	2.28	24.9	5.97	3010	1190	1.39	18.70	2.25	79.3	41.3	10.3	19	13.30	434
N813074		1.89	<0.005	0.20	7.16	10.1	1980	1.43	0.12	3.51	0.16	41.6	10.2	17	17.65	13.5
N813075		3.10	0.026	0.66	7.59	286	2060	1.47	2.00	3.16	0.21	48.8	9.9	16	10.00	173.0
N813076		4.52	0.128	2.63	6.89	1460	2070	1.31	9.18	2.90	0.52	41.1	8.6	15	13.65	537
N813077		2.77	0.171	6.12	7.31	116.5	2070	1.59	21.9	2.46	0.24	42.0	9.6	12	12.90	69.9
N813078		2.78	<0.005	0.10	0.07	<5	30	<0.05	0.07	21.5	0.06	1.00	0.5	1	0.16	2.7
N813079		6.48	<0.005	0.08	7.52	6.0	2050	1.64	0.12	3.09	0.10	44.4	8.0	13	9.02	11.0
N813080		5.05	<0.005	0.11	7.59	11.4	2240	1.53	0.17	2.53	0.12	43.8	8.4	20	11.35	31.4
N813081		7.55	<0.005	0.12	7.36	7.7	2160	1.46	0.14	2.74	0.14	41.0	7.7	14	12.60	17.6
N813082		7.59	<0.005	0.06	7.78	8.3	2010	1.52	0.11	3.01	0.11	47.5	8.4	15	11.00	14.2
N813083		5.34	<0.005	0.13	7.81	26.7	2100	1.44	0.11	2.87	0.25	46.1	8.4	22	9.86	12.5
N813084		5.93	<0.005	0.09	7.29	39.6	1670	1.59	0.13	1.84	0.10	48.0	7.9	12	19.75	14.3
N813085		7.06	<0.005	0.10	7.75	2.4	1990	1.64	0.08	2.99	0.08	45.8	7.8	14	10.20	10.6
N813086		2.58	<0.005	0.08	7.35	2.5	2070	1.60	0.07	3.04	0.10	40.9	8.4	17	6.63	9.8
N813087		1.89	<0.005	0.07	7.76	2.3	2030	1.75	0.09	3.11	0.10	50.2	8.7	15	7.21	17.7
N813088		2.26	<0.005	0.13	6.38	13.9	1460	1.58	0.10	4.73	0.15	36.4	7.5	10	14.20	8.4
N813089		4.44	<0.005	0.08	7.34	11.8	2000	1.37	0.08	3.16	0.12	36.6	8.0	12	11.90	8.7
N813090		3.93	<0.005	0.10	7.89	4.5	2060	1.54	0.09	3.02	0.10	45.3	8.4	17	7.82	11.0
N813091		0.26	2.18	24.6	6.00	3030	1440	1.24	19.80	2.25	79.7	42.5	10.4	19	13.40	446
N813092		6.67	<0.005	0.19	7.75	4.5	1980	1.63	0.11	2.91	0.14	45.4	7.9	12	8.41	9.5
N813093		4.64	<0.005	0.08	6.75	15.3	1500	1.35	0.16	2.96	0.12	39.3	7.0	14	15.35	3.5
N813094		3.79	0.035	0.21	7.38	52.9	1680	1.70	0.30	2.56	0.09	41.5	6.6	11	14.75	8.4
N813095		3.57	<0.005	0.02	0.08	<5	30	0.08	0.06	22.5	0.06	1.09	0.6	1	0.14	1.8
N813096		5.34	<0.005	0.27	7.62	16.5	1910	1.47	0.12	2.83	1.30	40.4	8.2	11	13.35	20.6
N813097		3.15	0.011	0.81	7.31	87.0	2810	1.41	0.12	2.74	4.95	41.6	7.9	16	11.00	18.7
N813098		2.90	<0.005	0.13	7.65	13.4	2030	1.48	0.08	3.17	0.31	46.9	8.3	15	9.20	9.2
N813099		3.39	<0.005	0.17	7.69	16.6	2120	1.51	0.13	3.09	0.20	44.6	9.8	15	9.09	21.6
N813100		7.92	<0.005	0.13	7.62	4.0	2040	1.69	0.07	3.11	0.12	44.5	9.2	13	8.52	14.4
N813101		7.52	<0.005	0.09	7.44	3.3	1870	1.64	0.09	2.88	0.11	38.0	8.6	13	8.68	11.6
N813102		<0.02	<0.005	0.08	7.79	3.8	1900	1.56	0.09	3.05	0.15	42.0	9.1	17	8.99	13.1
N813103		3.73	<0.005	0.12	7.10	25.9	1500	1.65	0.11	2.85	0.17	35.9	8.8	10	15.50	16.6
N813104		2.48	<0.005	0.11	7.76	3.8	1970	1.43	0.25	2.48	0.11	40.1	9.1	13	10.40	12.4
N813105		2.96	<0.005	0.11	7.37	15.5	1960	1.62	0.13	2.83	0.25	47.0	10.1	9	22.0	18.3
N813106		6.55	0.005	0.19	7.95	22.3	1240	1.48	0.10	2.65	0.97	47.4	11.9	12	21.0	27.9
N813107		2.07	0.010	0.40	7.79	60.4	1300	1.31	0.11	1.94	1.12	42.1	9.2	16	14.80	16.2



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Plus Appendix Pages  
Finalized Date: 8-AUG-2012  
Account: ROCKHA

Project: Klaza-84

**CERTIFICATE OF ANALYSIS WH12170281**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813072		3.63	15.90	0.11	1.1	0.086	2.77	19.1	22.7	0.93	1600	1.32	1.84	7.7	3.0	670
N813073		6.87	13.75	0.10	1.0	1.640	2.64	22.3	24.4	0.91	1920	12.35	0.04	5.5	14.4	450
N813074		4.00	15.60	0.14	1.3	0.103	2.70	18.4	13.7	1.01	1440	1.51	1.80	7.8	3.1	710
N813075		3.70	16.80	0.13	1.4	0.083	2.48	22.8	13.6	1.03	890	1.97	2.14	8.5	3.0	750
N813076		3.81	14.85	0.13	1.3	0.142	2.80	19.5	26.8	0.91	1300	3.64	0.45	7.1	2.8	610
N813077		3.95	15.85	0.13	1.4	0.057	2.89	20.7	40.2	0.83	1080	1.29	0.98	7.5	2.6	640
N813078		0.47	0.20	0.09	<0.1	0.008	0.02	0.5	1.1	12.95	219	0.06	0.01	0.1	1.4	170
N813079		3.25	15.80	0.13	1.3	0.036	2.52	21.5	13.1	0.94	819	0.99	2.21	7.4	2.7	660
N813080		3.61	15.65	0.15	1.2	0.054	2.59	21.7	28.7	0.91	883	1.87	1.64	7.5	2.8	670
N813081		3.18	15.45	0.14	1.1	0.046	2.59	20.1	24.9	0.80	825	1.51	1.87	7.4	2.6	640
N813082		3.26	16.00	0.13	1.3	0.045	2.69	23.9	16.7	0.89	830	21.1	2.04	7.6	2.8	660
N813083		3.39	15.55	0.13	1.2	0.057	2.95	23.0	13.9	0.91	1160	2.29	1.90	7.3	2.9	650
N813084		3.15	14.90	0.12	1.1	0.040	3.00	25.7	23.3	0.76	1480	2.44	0.04	7.0	2.3	600
N813085		3.21	15.90	0.13	1.4	0.027	2.62	22.3	18.7	0.88	716	1.13	1.79	7.6	2.7	660
N813086		3.37	16.65	0.11	1.4	0.039	2.54	19.0	15.3	0.94	771	1.46	2.33	8.2	2.9	660
N813087		3.42	16.90	0.15	1.4	0.043	2.49	24.4	15.3	0.98	777	1.54	2.38	8.2	2.9	690
N813088		3.10	15.00	0.14	1.2	0.059	2.90	17.3	20.9	0.89	1450	1.23	0.96	7.2	2.4	590
N813089		3.29	15.25	0.11	1.2	0.046	2.61	17.3	20.4	0.91	1020	1.31	1.86	7.2	2.7	650
N813090		3.34	16.20	0.11	1.5	0.032	2.57	22.4	15.6	0.94	745	2.02	2.21	7.9	2.8	660
N813091		6.88	13.65	0.13	1.0	1.630	2.72	22.2	24.2	0.92	1920	12.60	0.04	5.6	14.1	450
N813092		3.37	15.90	0.14	1.5	0.034	2.60	22.0	12.1	0.93	768	1.86	1.96	7.8	2.5	670
N813093		3.08	14.80	0.16	1.5	0.078	3.40	18.9	21.8	0.79	1590	3.16	0.09	7.7	2.4	610
N813094		3.58	16.00	0.13	1.3	0.115	3.54	19.6	18.5	0.74	2240	46.5	0.18	7.7	2.3	660
N813095		0.50	0.18	0.07	<0.1	0.006	0.03	0.6	1.0	13.45	231	0.19	0.01	0.1	1.3	210
N813096		3.31	16.45	0.14	1.5	0.054	2.68	19.5	31.9	0.89	1180	142.0	1.06	7.9	2.9	680
N813097		3.58	14.95	0.13	1.3	0.107	3.01	20.0	21.1	0.89	2710	11.70	1.11	7.3	2.5	610
N813098		3.31	15.75	0.15	1.1	0.048	2.69	23.8	14.9	0.91	1080	2.13	1.90	7.5	2.6	650
N813099		3.62	16.60	0.12	1.2	0.043	2.64	20.5	14.6	1.04	1300	3.16	1.87	8.3	3.7	820
N813100		3.42	16.95	0.12	1.3	0.041	2.46	21.1	17.4	1.00	772	1.20	2.24	8.2	3.2	710
N813101		3.32	16.30	0.11	1.1	0.039	2.51	18.0	19.8	0.90	695	1.25	2.18	8.0	2.9	660
N813102		3.39	16.80	0.14	1.3	0.042	2.59	20.5	20.2	0.94	720	1.22	2.21	8.3	3.1	690
N813103		3.59	16.15	0.12	1.2	0.092	2.82	16.0	40.3	0.84	1620	0.70	0.75	7.7	2.8	680
N813104		3.76	16.85	0.13	1.3	0.042	2.63	18.5	22.9	0.97	600	0.95	1.51	8.3	3.0	690
N813105		3.37	16.40	0.13	1.2	0.049	2.44	24.9	80.4	1.01	1040	1.93	0.36	7.9	2.9	630
N813106		3.61	15.65	0.17	1.3	0.061	2.34	26.2	43.0	0.85	1080	1.29	0.29	8.7	3.4	710
N813107		3.32	17.40	0.16	1.5	0.092	2.91	19.3	46.7	0.72	2120	1.31	0.09	7.7	3.0	660



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Finalized Date: 8-AUG-2012  
Account: ROCKHA

Project: Klaza-84

**CERTIFICATE OF ANALYSIS WH12170281**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813072		80.4	110.0	0.002	0.29	4.02	11.4	<1	2.0	378	0.61	<0.05	12.1	0.291	1.46	3.0
N813073		2820	155.0	0.004	4.96	90.8	7.9	<1	7.5	95.1	0.46	0.32	11.4	0.184	2.44	4.9
N813074		22.0	100.5	<0.002	0.25	2.73	12.1	<1	2.7	395	0.68	<0.05	11.4	0.308	1.71	3.4
N813075		21.5	102.5	0.004	0.19	5.42	13.4	<1	3.0	418	0.68	<0.05	13.2	0.323	1.26	3.8
N813076		44.6	115.0	<0.002	0.72	31.6	11.1	<1	3.9	232	0.64	0.06	12.7	0.268	1.89	4.1
N813077		79.8	116.5	0.003	0.69	11.15	11.5	<1	3.6	282	0.67	<0.05	13.9	0.283	1.80	3.4
N813078		1.3	1.1	<0.002	<0.01	0.07	0.2	1	<0.2	49.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N813079		17.1	92.8	<0.002	0.02	1.29	10.7	1	1.7	427	0.60	<0.05	13.6	0.282	1.14	3.2
N813080		17.9	105.0	0.002	0.08	4.80	12.0	<1	4.6	353	0.62	<0.05	12.8	0.295	1.50	3.1
N813081		16.7	99.8	0.002	0.04	4.11	10.7	<1	2.0	336	0.62	<0.05	12.3	0.280	1.34	3.3
N813082		17.9	109.5	0.004	0.05	3.77	11.4	<1	2.1	422	0.64	<0.05	14.3	0.287	1.34	3.9
N813083		43.5	125.0	<0.002	0.09	4.38	11.3	<1	2.0	363	0.59	<0.05	14.1	0.285	1.57	3.8
N813084		9.7	179.5	<0.002	0.19	12.55	11.0	<1	2.7	129.5	0.59	<0.05	14.0	0.268	2.97	4.0
N813085		16.6	97.4	<0.002	0.01	1.99	11.2	<1	2.2	409	0.63	<0.05	14.6	0.288	1.17	3.8
N813086		17.3	87.9	0.002	0.01	0.85	10.9	<1	1.9	426	0.69	<0.05	13.2	0.299	1.07	3.8
N813087		17.8	92.3	0.002	0.01	0.88	11.9	1	2.0	438	0.68	<0.05	15.6	0.296	1.08	4.1
N813088		19.5	92.7	<0.002	0.11	5.08	9.2	<1	1.8	321	0.58	<0.05	10.4	0.260	1.78	3.2
N813089		18.4	96.5	<0.002	0.06	3.31	10.6	<1	1.6	389	0.55	<0.05	11.3	0.286	1.30	3.0
N813090		18.1	98.2	<0.002	0.02	1.68	11.8	<1	1.8	433	0.69	<0.05	14.7	0.296	1.05	3.8
N813091		2820	158.5	<0.002	4.98	93.9	7.8	<1	7.5	95.5	0.48	0.39	12.6	0.188	2.60	5.2
N813092		18.5	101.0	<0.002	0.02	2.73	11.5	<1	1.7	401	0.72	<0.05	14.9	0.294	1.11	3.8
N813093		8.9	154.0	0.002	0.25	18.70	10.4	<1	2.0	118.0	0.71	<0.05	12.1	0.267	2.39	3.8
N813094		14.8	161.5	0.002	0.82	10.05	12.0	<1	6.4	112.0	0.62	<0.05	11.9	0.292	2.51	3.3
N813095		1.4	1.2	<0.002	0.01	<0.05	0.2	<1	<0.2	51.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N813096		78.2	108.0	0.006	0.09	7.45	11.2	1	2.1	322	0.72	<0.05	13.0	0.283	1.47	4.2
N813097		184.0	130.5	<0.002	0.34	9.71	10.3	<1	1.8	297	0.67	<0.05	14.0	0.263	2.00	4.2
N813098		21.0	111.0	<0.002	0.10	2.96	11.8	<1	1.7	439	0.61	<0.05	13.5	0.293	1.32	3.0
N813099		20.3	113.5	0.002	0.08	4.24	12.6	<1	2.2	414	0.65	<0.05	12.5	0.325	1.37	3.3
N813100		18.1	90.2	<0.002	0.02	1.94	12.4	1	2.0	467	0.63	<0.05	12.4	0.303	1.14	3.1
N813101		16.1	90.9	<0.002	0.01	2.11	11.3	<1	1.7	447	0.66	<0.05	12.5	0.297	1.05	3.0
N813102		17.0	96.7	0.002	0.01	2.29	12.4	<1	1.8	466	0.69	<0.05	13.7	0.298	1.06	3.4
N813103		18.4	93.3	0.002	0.10	9.72	10.5	<1	2.7	300	0.66	<0.05	12.7	0.299	1.91	5.5
N813104		17.0	91.3	0.002	0.01	3.02	11.4	<1	1.9	423	0.66	<0.05	13.7	0.305	1.10	2.1
N813105		16.1	106.0	0.002	0.16	16.05	12.8	<1	2.7	277	0.66	<0.05	15.8	0.293	2.16	4.5
N813106		54.8	92.3	<0.002	0.12	12.10	12.6	1	3.3	231	0.72	<0.05	12.9	0.291	1.34	3.3
N813107		51.4	123.5	<0.002	0.38	17.80	12.1	1	1.8	155.5	0.62	<0.05	10.2	0.283	2.03	3.9



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Project: Klaza-84

**CERTIFICATE OF ANALYSIS WH12170281**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813072		83	3.5	14.6	287	27.2
N813073		55	5.1	9.4	5350	23.4
N813074		97	2.8	15.0	87	30.4
N813075		98	2.6	17.8	76	32.7
N813076		77	3.8	14.0	104	29.2
N813077		81	3.4	14.4	86	29.1
N813078		2	0.1	0.7	17	<0.5
N813079		79	0.9	14.8	60	28.9
N813080		87	2.0	15.1	63	28.7
N813081		77	1.6	13.3	71	28.2
N813082		79	9.6	15.2	61	30.8
N813083		79	2.8	15.0	79	28.4
N813084		75	2.4	13.2	68	27.2
N813085		80	3.5	14.9	62	31.6
N813086		83	1.2	14.9	63	33.0
N813087		84	1.2	16.4	67	35.6
N813088		73	3.0	13.5	74	29.3
N813089		81	3.0	13.5	66	28.8
N813090		82	2.5	15.3	62	33.5
N813091		56	5.4	9.4	5220	24.1
N813092		83	4.8	14.6	64	32.6
N813093		72	7.7	12.8	54	33.4
N813094		86	17.1	11.5	39	29.3
N813095		2	0.1	0.7	18	<0.5
N813096		79	13.8	14.1	147	33.4
N813097		73	17.5	13.9	474	29.5
N813098		82	4.1	15.8	78	28.0
N813099		97	4.3	15.7	79	27.3
N813100		87	1.5	15.1	65	31.8
N813101		84	1.0	14.3	62	25.4
N813102		84	1.1	15.9	63	29.6
N813103		85	2.6	13.2	76	28.0
N813104		84	2.1	14.1	69	29.6
N813105		86	2.7	15.3	77	27.0
N813106		87	4.2	16.0	136	32.0
N813107		84	4.6	13.4	156	27.9



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**CERTIFICATE OF ANALYSIS WH12170281**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12170282**

Project: Klaza-84

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12170282**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813108		3.56	0.013	0.26	7.85	63.2	1560	1.49	0.12	2.91	0.38	51.7	9.4	14	12.20	12.5
N813109		0.25	2.37	25.0	6.14	3540	470	1.06	20.2	2.21	78.1	41.3	11.0	18	15.25	445
N813110		2.57	0.097	4.71	6.68	343	1680	1.14	0.20	2.79	10.05	39.8	9.7	13	15.85	15.6
N813111		2.77	<0.005	0.02	0.11	7	30	0.05	0.08	21.5	0.09	1.42	1.1	1	0.30	2.2
N813112		7.37	<0.005	0.18	7.82	16.5	1880	1.29	0.10	2.95	1.30	46.2	8.2	15	10.25	11.2
N813113		8.77	<0.005	0.07	7.69	4.2	1960	1.32	0.08	3.07	0.12	46.9	8.9	14	8.69	13.0
N813114		8.98	<0.005	0.33	7.60	14.4	1980	1.39	0.51	2.94	0.83	43.6	9.7	16	11.85	36.3
N813115		3.32	<0.005	0.19	7.34	7.9	1740	1.31	0.19	3.26	0.16	41.5	9.3	12	17.25	30.5
N813116		5.50	<0.005	0.09	7.59	3.9	2010	1.36	0.18	3.01	0.15	41.6	9.3	17	11.50	19.6
N813117		7.46	<0.005	0.16	7.41	12.1	1750	1.45	0.58	2.75	0.24	40.2	10.3	13	15.10	26.4
N813118		2.57	0.100	3.22	5.03	1315	310	0.99	6.67	3.25	4.21	31.8	15.6	7	13.05	47.2
N813119		4.50	<0.005	1.10	6.66	57.1	1440	1.46	5.51	2.47	0.32	44.4	9.4	10	14.25	26.2
N813120		7.52	<0.005	0.13	7.87	7.4	1830	1.45	0.32	2.29	0.14	45.0	13.4	14	14.70	49.9
N813121		<0.02	<0.005	0.09	7.77	5.4	1810	1.44	0.28	2.27	0.15	45.4	13.1	14	14.20	45.2
N813122		6.84	<0.005	0.07	7.22	3.2	1770	1.62	0.12	2.72	0.12	36.4	8.9	16	14.75	10.0
N813123		8.34	<0.005	0.04	7.13	4.1	1940	1.60	0.08	2.88	0.11	34.1	8.3	13	12.95	12.8
N813124		7.97	<0.005	0.06	6.91	3.2	1860	1.81	0.12	2.81	0.13	39.1	9.5	13	13.45	15.9
N813125		2.76	<0.005	0.04	6.50	3.4	1480	1.34	0.10	3.50	0.09	34.1	7.4	10	9.24	8.0
N813126		0.23	0.774	9.27	6.61	1790	1210	1.46	5.66	1.81	38.3	40.5	16.0	20	14.95	102.0
N813127		9.21	<0.005	0.07	7.61	2.9	2060	1.77	0.07	2.85	0.16	42.9	9.5	16	9.76	11.8
N813128		4.72	<0.005	0.06	7.20	2.6	2050	1.77	0.07	3.10	0.12	37.8	9.1	12	12.00	8.6
N813129		3.84	<0.005	0.18	7.48	15.8	1600	1.47	0.16	2.19	1.65	41.2	8.5	12	12.25	11.7
N813130		3.74	<0.005	0.15	6.84	14.0	1330	1.62	0.37	3.23	0.27	41.7	7.5	9	16.90	9.5
N813131		1.12	<0.005	0.08	7.17	5.0	1400	1.23	0.09	3.55	0.18	38.9	8.6	10	12.10	17.2
N813132		1.79	<0.005	0.07	8.57	4.4	1700	1.44	0.08	1.66	0.15	46.0	8.9	10	11.15	16.5
N813133		4.62	<0.005	0.09	7.28	8.2	2040	1.64	0.20	4.58	0.31	51.0	10.8	10	19.30	7.7
N813134		5.96	<0.005	0.11	7.45	20.2	1710	1.76	0.22	2.47	0.36	43.6	9.7	11	17.30	7.8
N813135		2.25	<0.005	0.06	8.24	8.7	2460	1.42	0.10	1.67	0.20	49.8	9.3	10	15.15	11.1
N813136		2.39	0.015	0.15	7.45	32.6	1080	1.77	0.19	2.63	0.25	49.2	14.6	10	21.1	7.4
N813137		2.57	<0.005	0.01	0.10	6	100	0.10	0.02	21.4	0.08	1.38	1.8	1	0.23	1.8
N813138		5.17	<0.005	0.05	7.78	6.5	1780	1.61	0.06	1.75	0.16	46.7	8.9	12	15.85	6.5
N813139		7.86	<0.005	0.03	7.19	4.8	2100	1.95	0.09	2.93	0.11	37.1	9.8	13	19.00	6.1
N813140		4.78	<0.005	0.07	6.99	4.6	1880	1.82	0.29	3.22	0.14	38.1	9.3	13	25.4	5.5
N813141		2.52	<0.005	0.05	7.29	11.0	1450	1.51	0.06	2.50	0.18	38.4	8.5	11	19.80	8.5
N813142		6.05	<0.005	0.06	7.60	6.6	2040	1.46	0.09	2.05	0.23	42.2	9.4	11	20.5	10.6
N813143		10.26	<0.005	0.05	8.22	6.1	2000	2.47	0.07	2.10	0.10	49.9	13.4	16	19.90	12.2



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Account: ROCKHA

Project: Klaza-84

**CERTIFICATE OF ANALYSIS WH12170282**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813108		3.61	18.15	0.19	1.3	0.058	2.78	26.6	22.1	0.85	1500	0.72	1.46	9.1	3.3	680
N813109		6.79	14.65	0.21	1.0	1.745	2.64	23.3	23.9	0.90	1900	13.75	0.04	6.5	16.2	460
N813110		7.39	15.10	0.19	0.9	0.361	2.75	22.2	39.9	1.06	11450	1.73	0.56	7.1	3.0	550
N813111		0.54	0.32	0.09	<0.1	0.005	0.05	0.7	1.1	13.15	271	0.10	0.01	0.3	2.1	160
N813112		3.28	16.15	0.14	1.2	0.055	2.62	24.4	23.2	0.91	1060	1.17	1.94	8.1	3.1	670
N813113		3.25	16.90	0.17	1.2	0.041	2.48	24.2	12.6	0.95	757	0.87	2.15	8.4	3.4	690
N813114		3.34	17.15	0.18	1.2	0.085	2.48	23.1	13.2	0.89	796	1.41	1.91	8.2	3.2	650
N813115		3.19	16.70	0.18	1.1	0.069	2.46	21.3	16.1	0.85	1030	1.52	1.64	8.1	3.0	610
N813116		3.26	17.30	0.18	1.2	0.042	2.50	21.9	10.4	0.86	751	1.30	2.09	8.3	3.3	660
N813117		3.22	16.65	0.19	1.2	0.054	2.68	21.4	30.9	0.81	1170	0.97	0.85	8.2	3.3	650
N813118		4.43	11.50	0.17	0.8	0.134	2.07	19.1	37.0	0.99	3690	0.42	0.03	5.1	3.4	360
N813119		2.96	14.65	0.18	1.2	0.079	2.39	24.4	149.0	0.87	1600	0.47	0.22	7.7	2.6	580
N813120		3.50	17.50	0.19	1.2	0.045	2.55	23.8	24.2	0.80	656	1.24	1.08	8.7	3.5	640
N813121		3.41	17.60	0.19	1.3	0.046	2.55	23.6	23.7	0.78	646	1.29	1.08	8.7	3.5	640
N813122		3.31	16.10	0.11	1.2	0.039	2.33	17.0	13.5	0.79	791	2.91	2.02	8.4	3.0	640
N813123		3.14	15.75	0.10	1.1	0.034	2.41	16.0	17.2	0.75	731	1.20	1.85	7.9	2.8	650
N813124		3.19	17.70	0.14	1.3	0.040	2.35	18.0	21.9	0.83	801	1.31	1.58	9.3	3.4	620
N813125		2.71	15.20	0.12	1.2	0.039	2.26	16.0	15.9	0.70	1040	0.66	1.56	8.0	2.6	620
N813126		5.08	14.60	0.18	1.2	0.778	2.67	21.8	23.5	0.67	1990	12.60	0.24	7.6	15.6	490
N813127		3.42	17.45	0.16	1.4	0.036	2.50	20.0	20.7	0.94	801	1.80	2.08	9.3	3.5	710
N813128		3.32	17.35	0.14	1.4	0.036	2.47	16.9	24.9	0.91	924	1.15	1.72	9.4	3.2	650
N813129		3.15	16.75	0.18	1.4	0.053	2.50	19.7	38.0	0.67	1000	0.95	0.85	8.8	3.0	650
N813130		2.95	15.30	0.15	1.2	0.055	2.51	21.6	66.4	0.89	1380	0.56	0.03	7.7	3.0	600
N813131		3.05	16.45	0.15	1.5	0.049	2.14	17.7	44.2	0.65	895	1.98	0.05	9.9	3.8	830
N813132		3.13	18.50	0.19	1.5	0.043	2.59	22.2	47.5	0.68	702	1.63	0.06	10.3	3.3	810
N813133		3.26	18.55	0.21	1.3	0.049	2.07	26.2	55.7	0.91	1280	0.41	0.04	9.7	3.8	670
N813134		3.13	17.80	0.18	1.2	0.046	2.09	21.9	108.0	0.78	1140	0.35	0.04	9.0	3.3	660
N813135		3.51	19.25	0.19	1.2	0.039	2.17	25.2	42.2	0.71	867	0.46	0.04	9.6	3.2	720
N813136		3.26	19.35	0.21	1.3	0.052	2.37	25.3	63.2	0.85	1160	0.42	0.05	9.5	3.7	660
N813137		0.49	0.36	<0.05	<0.1	0.009	0.03	0.7	1.2	13.35	240	0.09	<0.01	0.4	3.2	180
N813138		3.43	16.60	0.13	1.3	0.037	2.36	24.1	38.4	0.95	718	0.56	0.45	8.6	3.0	680
N813139		3.30	18.20	0.18	1.4	0.041	2.42	18.4	59.3	0.83	754	0.51	1.74	9.5	3.5	640
N813140		3.23	17.65	0.17	1.4	0.040	2.18	17.8	36.2	0.82	825	0.44	1.58	9.3	3.2	660
N813141		3.20	18.35	0.17	1.2	0.037	2.30	18.2	55.2	0.74	1200	0.54	0.06	9.2	3.1	680
N813142		3.29	17.45	0.18	1.3	0.042	2.28	20.7	86.8	0.80	1000	0.44	0.06	9.1	3.4	700
N813143		4.46	20.5	0.27	1.4	0.044	2.62	25.5	35.7	1.05	722	1.12	0.95	11.1	4.7	690



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Project: Klaza-84

**CERTIFICATE OF ANALYSIS WH12170282**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813108		25.9	124.0	<0.002	0.34	7.26	13.4	1	2.2	328	0.78	<0.05	13.8	0.306	1.40	4.1
N813109		2830	168.0	<0.002	4.95	90.2	8.4	1	8.0	95.0	0.52	0.39	10.6	0.180	2.34	5.5
N813110		1460	151.5	<0.002	1.49	21.9	10.9	1	2.5	211	0.55	<0.05	11.1	0.245	1.92	5.8
N813111		6.0	2.0	<0.002	0.03	0.08	0.2	1	<0.2	50.3	<0.05	<0.05	<0.2	0.005	0.02	0.7
N813112		72.5	102.0	<0.002	0.12	3.84	11.2	1	2.0	393	0.70	<0.05	13.4	0.285	1.18	4.4
N813113		20.3	94.0	<0.002	0.02	2.21	12.1	1	1.8	411	0.67	<0.05	12.8	0.288	1.00	3.7
N813114		35.7	99.7	<0.002	0.21	4.05	12.2	1	3.3	402	0.68	<0.05	12.5	0.285	1.15	4.2
N813115		20.9	97.7	<0.002	0.10	4.26	12.5	1	2.6	368	0.65	<0.05	10.9	0.278	1.40	3.5
N813116		19.2	93.4	<0.002	0.02	2.48	12.6	1	2.1	422	0.65	<0.05	11.0	0.284	1.14	3.5
N813117		20.1	114.5	<0.002	0.09	8.14	12.7	1	2.8	257	0.67	<0.05	11.7	0.280	1.73	4.4
N813118		183.5	138.5	<0.002	1.84	51.2	7.8	1	4.7	96.9	0.42	0.14	8.0	0.167	2.06	3.9
N813119		33.3	113.0	<0.002	0.16	18.75	11.8	1	2.9	146.0	0.64	0.10	12.4	0.258	1.60	3.8
N813120		21.1	109.0	<0.002	0.03	6.43	13.2	1	8.6	286	0.71	<0.05	14.2	0.287	1.06	3.0
N813121		20.9	104.5	<0.002	0.03	6.34	13.0	1	8.6	283	0.71	<0.05	12.9	0.287	1.09	2.9
N813122		17.4	75.6	0.002	0.01	3.31	11.4	1	2.0	386	0.63	<0.05	9.2	0.290	0.91	2.7
N813123		17.4	74.3	<0.002	0.01	3.77	10.6	1	1.6	400	0.61	<0.05	9.7	0.272	0.88	2.6
N813124		19.3	84.7	<0.002	0.01	2.75	11.9	1	2.2	390	0.73	<0.05	10.6	0.267	1.07	2.8
N813125		15.1	80.3	0.002	0.04	4.29	10.2	1	1.8	274	0.63	<0.05	9.3	0.260	1.07	3.3
N813126		1300	149.5	0.002	3.03	29.5	8.7	2	5.6	146.5	0.56	0.32	11.5	0.197	2.17	4.9
N813127		19.2	88.7	<0.002	0.01	1.66	11.8	2	1.8	430	0.72	<0.05	11.2	0.293	0.94	3.3
N813128		18.7	77.9	<0.002	0.01	1.93	11.1	1	1.8	416	0.74	<0.05	10.0	0.282	0.95	3.2
N813129		69.8	95.1	0.002	0.27	10.65	11.0	1	1.9	232	0.72	<0.05	11.5	0.274	1.26	3.6
N813130		12.2	98.4	0.002	0.15	14.75	10.6	1	2.4	140.5	0.60	<0.05	10.8	0.252	1.93	4.4
N813131		25.9	63.1	<0.002	0.01	13.60	12.0	2	2.2	177.0	0.74	<0.05	9.4	0.320	0.93	2.7
N813132		25.6	89.4	0.002	0.01	9.21	13.4	2	2.9	133.0	0.82	<0.05	12.8	0.331	1.04	3.2
N813133		24.8	88.5	0.002	0.08	16.35	13.4	2	2.2	210	0.72	<0.05	13.4	0.276	1.46	3.5
N813134		22.1	78.7	<0.002	0.16	21.6	12.7	2	2.5	183.5	0.67	<0.05	11.2	0.273	1.89	2.9
N813135		19.8	86.3	<0.002	0.07	14.10	12.8	2	2.7	124.0	0.72	<0.05	13.5	0.301	1.14	3.2
N813136		27.5	98.1	0.002	0.47	16.40	13.1	2	2.2	159.0	0.73	<0.05	14.6	0.273	2.22	3.9
N813137		1.7	1.5	0.002	0.01	0.07	0.4	1	<0.2	52.3	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N813138		20.3	89.7	<0.002	0.04	6.54	12.2	1	1.8	259	0.66	<0.05	13.5	0.278	1.09	3.5
N813139		19.7	84.7	<0.002	0.01	4.85	12.2	2	2.2	400	0.76	<0.05	11.5	0.287	1.20	3.9
N813140		22.8	76.8	<0.002	0.01	7.43	11.9	1	2.0	381	0.72	<0.05	10.6	0.280	1.20	3.5
N813141		18.0	71.9	<0.002	0.10	15.40	11.7	2	2.2	152.0	0.68	<0.05	10.9	0.287	1.38	3.1
N813142		19.0	80.0	0.002	0.04	14.85	12.6	2	2.9	161.5	0.68	<0.05	11.5	0.288	1.21	2.9
N813143		22.7	113.0	0.002	0.02	4.80	15.2	2	2.5	339	0.80	<0.05	15.9	0.312	1.19	3.6



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 Account: ROCKHA

Project: Klaza-84

**CERTIFICATE OF ANALYSIS WH12170282**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813108		86	1.9	18.9	89	33.0
N813109		56	5.4	11.3	5490	28.5
N813110		73	3.1	17.3	841	24.6
N813111		3	0.1	0.9	25	0.6
N813112		82	1.1	17.1	154	30.6
N813113		83	0.7	17.8	66	31.9
N813114		80	1.5	16.4	120	32.6
N813115		81	2.5	15.7	81	30.3
N813116		81	1.2	16.7	67	30.8
N813117		81	2.1	16.4	85	32.3
N813118		51	4.0	13.3	428	20.6
N813119		68	2.2	13.7	120	30.7
N813120		80	3.0	16.7	70	32.7
N813121		81	2.9	16.7	69	34.2
N813122		90	2.5	14.2	66	32.1
N813123		81	2.0	13.6	57	30.9
N813124		78	1.8	15.2	57	35.2
N813125		72	1.7	11.7	55	31.5
N813126		56	4.7	11.2	2910	37.6
N813127		88	1.9	15.9	64	36.5
N813128		82	1.6	14.7	63	37.4
N813129		81	2.9	14.5	215	34.9
N813130		74	2.4	13.8	83	32.0
N813131		93	11.3	14.0	77	39.2
N813132		96	14.7	14.3	74	40.3
N813133		79	3.8	20.6	88	34.7
N813134		82	3.3	16.8	90	31.4
N813135		87	6.1	16.9	78	33.7
N813136		81	4.0	17.4	71	34.7
N813137		1	0.1	0.9	19	<0.5
N813138		82	4.2	15.2	71	33.5
N813139		85	2.4	15.3	71	34.5
N813140		83	2.0	15.1	77	34.8
N813141		84	4.8	15.6	72	33.0
N813142		85	4.9	15.8	76	32.6
N813143		90	1.7	18.2	78	39.3



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**CERTIFICATE OF ANALYSIS WH12170282**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12170283**

Project: Klaza-84

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12170283**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813144		7.41	<0.005	0.08	7.81	10.0	1850	1.38	0.16	2.07	0.13	38.9	8.1	15	11.15	6.9
N813145		4.74	<0.005	0.05	8.11	9.4	1680	1.23	0.19	0.85	0.10	43.0	8.8	16	10.80	6.2
N813146		5.85	<0.005	0.07	8.01	5.5	1860	1.18	0.21	1.18	0.09	51.4	8.5	15	9.77	6.5
N813147		2.35	<0.005	0.13	5.58	13.0	680	1.14	0.84	3.36	0.08	39.8	9.6	12	12.35	3.2
N813148		4.95	0.018	0.76	6.37	29.2	1030	1.13	0.90	2.71	0.51	42.1	8.8	14	15.75	23.7
N813149		0.23	2.21	26.3	6.03	3060	1090	1.25	18.90	2.14	77.1	41.1	10.5	21	13.80	428
N813150		3.53	0.014	0.72	6.46	58.9	1870	1.31	0.35	3.10	0.67	63.7	6.0	15	31.1	16.3
N813151		4.45	0.066	1.44	6.95	16.1	1620	1.17	2.67	2.03	0.23	40.0	9.3	15	16.45	187.0
N813152		3.45	0.116	2.62	6.27	194.5	690	1.22	3.20	3.15	5.56	46.2	10.4	14	24.4	68.8
N813153		2.97	<0.005	0.08	0.13	<5	50	0.07	0.08	20.9	0.09	1.29	0.6	4	0.29	4.1
N813154		3.96	<0.005	0.13	7.12	18.8	1990	1.31	0.30	3.34	0.27	43.3	9.1	12	14.00	6.6
N813155		3.19	<0.005	0.11	7.19	7.0	2060	1.31	0.23	3.21	0.13	41.8	7.7	14	10.10	18.3
N813156		5.32	<0.005	0.12	7.60	5.0	1940	1.40	0.20	2.47	0.21	41.2	8.7	21	13.95	26.4
N813157		2.04	<0.005	0.09	7.01	8.6	1530	1.15	0.22	2.49	0.15	38.8	8.6	15	15.00	18.8
N813158		3.95	<0.005	0.12	7.53	5.5	2000	1.32	0.19	2.00	0.13	50.9	9.2	22	13.75	18.2
N813159		3.03	<0.005	0.08	7.03	3.4	1830	1.59	0.11	2.80	0.14	31.9	7.1	10	14.50	8.1
N813160		3.92	<0.005	0.09	7.20	6.4	1800	1.52	0.22	2.49	0.09	38.2	8.7	21	14.50	6.7
N813161		4.15	<0.005	0.07	7.13	6.2	1350	1.22	0.12	3.66	0.11	46.5	8.5	14	9.94	8.8
N813162		8.05	<0.005	0.10	7.68	4.1	2020	1.54	0.12	2.49	0.08	42.6	8.5	21	11.55	7.9
N813163		0.22	0.769	9.62	6.70	1630	1070	1.49	6.35	1.88	41.0	43.6	16.5	26	15.70	106.5
N813164		4.65	<0.005	0.17	7.07	5.9	1590	1.69	0.15	2.64	0.11	39.9	9.1	15	9.75	12.5
N813165		4.06	<0.005	0.17	7.34	4.5	2050	1.40	0.32	2.85	0.10	40.0	8.0	20	10.30	9.6
N813166		2.03	<0.005	0.08	7.53	3.7	2000	1.44	0.11	2.61	0.08	40.2	8.0	24	9.21	6.6
N813167		1.43	<0.005	0.07	7.31	3.1	2010	1.55	0.10	2.65	0.13	42.7	8.4	16	9.23	7.3
N813168		6.22	<0.005	0.13	7.80	3.5	2040	1.68	0.11	2.30	0.11	40.7	8.4	19	10.45	9.5
N813169		5.55	<0.005	0.09	7.01	4.0	1860	1.51	0.16	2.94	0.08	55.1	7.7	12	7.24	8.7
N813170		3.06	<0.005	0.02	0.08	<5	30	0.05	0.04	20.4	0.07	1.18	1.1	3	0.25	1.8
N813171		2.66	<0.005	0.27	7.46	4.6	1760	1.63	0.19	2.63	0.09	71.1	9.1	12	5.63	8.5
N813172		6.97	<0.005	0.16	7.59	9.0	2030	1.44	0.10	2.79	0.25	42.1	8.1	22	6.31	7.7
N813173		2.63	<0.005	0.05	6.53	2.5	1090	1.17	0.13	5.89	0.05	46.0	5.8	15	8.02	2.2
N813174		3.29	<0.005	0.09	7.41	3.1	1630	1.40	0.14	2.79	0.08	38.0	9.0	14	7.32	8.5
N813175		8.28	<0.005	0.07	7.58	3.5	2060	1.42	0.09	2.61	0.11	44.6	8.1	15	8.37	7.7
N813176		7.74	<0.005	0.08	7.29	2.6	1900	1.52	0.09	2.53	0.09	42.1	7.9	17	9.99	8.6
N813177		<0.02	<0.005	0.07	7.37	3.0	1950	1.56	0.10	2.62	0.11	41.8	8.1	20	9.90	8.3
N813178		3.95	<0.005	0.09	7.13	3.5	1990	1.44	0.10	2.43	0.11	42.1	8.2	14	9.23	9.7
N813179		4.85	<0.005	0.03	7.54	2.3	2010	1.43	0.07	3.01	0.09	46.2	8.2	13	8.30	13.0





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Account: ROCKHA

Project: Klaza-84

**CERTIFICATE OF ANALYSIS WH12170283**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813144		3.40	16.95	0.14	1.5	0.048	2.41	16.9	28.5	0.66	866	0.63	0.74	8.1	2.9	680
N813145		3.38	18.25	0.16	1.5	0.041	1.97	20.0	36.8	0.38	875	0.78	0.04	9.0	3.0	720
N813146		3.15	16.50	0.16	1.4	0.044	2.04	23.7	39.6	0.48	862	0.56	0.04	8.0	2.9	710
N813147		2.96	13.10	0.12	0.9	0.041	1.38	20.3	54.2	1.07	1140	0.47	0.02	5.3	2.0	420
N813148		3.07	13.95	0.12	1.1	0.071	1.65	21.3	55.1	0.98	969	0.64	0.02	6.0	2.4	540
N813149		6.57	14.30	0.14	1.0	1.705	2.52	21.4	22.8	0.88	1930	12.90	0.03	5.7	15.8	450
N813150		2.30	16.10	0.13	2.2	0.054	1.91	34.7	52.2	1.01	972	1.40	0.02	8.6	3.1	730
N813151		3.05	15.45	0.13	1.1	0.095	1.82	18.8	50.2	0.84	970	0.60	0.02	7.0	2.7	600
N813152		3.58	13.40	0.11	1.3	0.175	2.06	23.6	101.5	0.83	1490	1.26	0.02	6.2	2.8	520
N813153		0.53	0.32	0.06	<0.1	<0.005	0.03	0.7	1.6	13.05	237	0.07	<0.01	0.2	1.9	210
N813154		3.11	14.75	0.15	1.3	0.068	2.16	21.5	55.2	1.04	985	0.50	0.02	6.9	2.6	640
N813155		3.23	16.40	0.15	1.3	0.052	2.37	18.9	36.8	0.87	929	0.49	0.04	8.4	2.9	670
N813156		3.38	17.25	0.16	1.2	0.061	2.68	17.4	25.0	0.84	763	4.42	0.81	8.0	3.2	680
N813157		3.06	15.35	0.14	1.6	0.052	2.92	16.8	30.4	0.81	945	0.49	0.32	8.6	3.1	610
N813158		3.41	16.00	0.14	1.8	0.047	3.19	21.7	21.1	0.86	862	1.19	0.69	10.2	3.3	700
N813159		3.05	15.70	0.11	1.0	0.034	2.49	14.6	11.6	0.71	725	0.86	1.85	7.1	2.7	590
N813160		3.33	16.10	0.13	1.0	0.036	2.49	16.7	23.8	0.90	816	1.75	0.88	7.2	3.1	610
N813161		2.96	16.45	0.14	1.1	0.049	2.35	22.4	33.7	0.99	1010	0.75	0.29	7.6	3.1	620
N813162		3.25	16.65	0.17	1.2	0.036	2.62	18.4	18.9	0.85	700	2.86	1.91	7.7	3.1	640
N813163		5.19	15.25	0.15	1.5	0.918	2.73	21.2	24.8	0.68	2020	12.40	0.24	7.1	16.1	510
N813164		3.35	16.25	0.12	1.2	0.038	2.43	18.4	26.7	0.96	874	1.60	0.72	7.6	2.9	630
N813165		3.06	16.30	0.12	1.1	0.032	2.59	17.3	16.6	0.76	740	1.71	2.00	7.8	3.1	630
N813166		3.16	16.20	0.13	1.3	0.031	2.58	17.6	17.9	0.85	737	1.73	2.09	7.8	3.1	660
N813167		3.09	16.90	0.15	1.1	0.037	2.54	17.7	17.9	0.84	764	1.72	2.06	8.0	3.0	660
N813168		3.22	16.25	0.14	1.2	0.033	2.57	18.5	25.6	0.98	704	1.42	1.42	7.8	3.0	660
N813169		3.03	16.25	0.16	1.2	0.031	2.55	24.4	15.3	0.83	857	2.21	1.99	8.0	3.1	580
N813170		0.49	0.21	0.05	<0.1	<0.005	0.03	0.6	1.2	12.65	226	0.11	0.01	0.2	2.0	180
N813171		3.23	16.70	0.16	1.3	0.029	2.70	36.7	13.0	0.93	842	2.56	2.19	8.8	3.5	630
N813172		3.18	16.15	0.17	1.3	0.032	2.48	19.5	15.5	0.92	825	1.82	2.09	7.4	3.2	640
N813173		2.67	14.95	0.15	1.0	0.036	2.13	21.7	10.9	0.80	1430	1.11	1.31	6.2	2.7	550
N813174		3.04	16.85	0.13	1.0	0.028	2.46	17.5	12.1	0.87	837	1.04	1.93	7.3	2.8	600
N813175		3.08	16.45	0.14	1.2	0.031	2.50	20.5	18.4	0.88	713	1.15	2.07	7.5	3.1	640
N813176		2.98	15.75	0.13	1.1	0.028	2.40	19.5	21.8	0.84	692	1.69	2.05	7.4	2.9	610
N813177		3.07	16.80	0.12	1.2	0.032	2.51	17.8	22.1	0.84	714	1.74	2.14	7.6	3.1	630
N813178		2.99	16.65	0.14	1.1	0.027	2.48	18.1	23.1	0.91	689	1.63	2.06	7.9	3.1	640
N813179		3.18	15.60	0.14	1.1	0.039	2.43	23.6	20.0	0.91	772	1.30	1.99	8.2	3.3	650



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Account: ROCKHA

Project: Klaza-84

**CERTIFICATE OF ANALYSIS WH12170283**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813144		19.5	83.4	0.005	0.05	10.05	11.7	<1	1.9	224	0.64	<0.05	10.5	0.296	1.14	2.9
N813145		13.4	86.9	0.004	0.02	29.5	13.9	1	2.0	85.2	0.64	<0.05	11.4	0.309	0.92	2.2
N813146		14.1	85.5	0.003	0.05	18.85	12.7	<1	1.9	95.0	0.66	<0.05	13.9	0.294	0.93	2.9
N813147		8.2	87.2	0.003	0.18	45.2	8.5	1	1.5	155.0	0.41	<0.05	9.6	0.174	0.86	2.1
N813148		219	96.6	0.003	0.13	33.0	9.1	1	5.7	140.0	0.46	<0.05	10.2	0.210	1.10	5.3
N813149		2780	157.0	0.004	4.82	86.6	8.2	1	7.6	89.4	0.40	0.37	9.6	0.172	2.17	4.7
N813150		46.6	74.6	0.003	0.24	32.4	7.1	1	3.3	305	0.58	<0.05	9.0	0.225	1.74	24.6
N813151		36.6	74.9	0.004	0.24	34.4	10.6	1	12.5	121.0	0.57	<0.05	10.5	0.244	1.03	2.8
N813152		436	116.0	0.002	1.67	32.7	8.8	<1	12.1	142.0	0.55	<0.05	11.0	0.205	1.78	8.4
N813153		2.6	1.6	0.002	0.02	0.36	0.3	<1	0.3	46.4	<0.05	<0.05	0.2	<0.005	0.03	0.7
N813154		21.4	95.1	<0.002	0.19	18.55	10.4	1	2.3	150.0	0.61	<0.05	11.7	0.241	1.61	4.3
N813155		19.5	82.1	0.002	0.05	18.50	11.7	1	4.2	154.0	0.76	<0.05	11.4	0.276	1.22	4.1
N813156		24.8	82.1	0.004	0.02	6.46	11.6	1	5.9	268	0.64	<0.05	11.1	0.282	1.25	3.1
N813157		26.1	100.0	<0.002	0.07	8.30	11.1	1	4.3	184.5	0.93	<0.05	14.6	0.268	1.57	5.5
N813158		27.1	115.5	0.002	0.03	6.24	13.4	<1	3.6	240	1.10	<0.05	17.4	0.303	1.42	4.9
N813159		21.4	77.4	0.002	<0.01	3.82	9.3	<1	1.5	388	0.54	<0.05	8.6	0.254	1.06	2.7
N813160		16.7	82.6	0.003	0.05	5.10	10.3	1	1.6	292	0.49	<0.05	10.5	0.252	1.10	3.0
N813161		13.5	82.1	<0.002	0.08	8.93	10.8	1	2.4	213	0.57	<0.05	10.7	0.253	1.18	3.0
N813162		18.4	91.7	<0.002	0.01	2.51	11.0	1	1.7	426	0.60	<0.05	11.7	0.262	1.02	3.4
N813163		1325	155.0	0.005	3.06	32.5	8.9	<1	5.5	149.0	0.53	0.33	10.9	0.201	2.29	4.7
N813164		16.0	78.4	0.002	0.08	4.38	10.6	<1	3.0	260	0.58	<0.05	10.8	0.260	1.20	2.5
N813165		17.8	80.5	<0.002	0.04	3.51	10.3	1	2.1	387	0.56	<0.05	9.7	0.279	0.99	3.2
N813166		17.9	82.7	0.002	0.02	2.42	10.7	1	1.7	438	0.57	<0.05	11.5	0.274	1.01	3.3
N813167		18.2	86.6	0.003	0.01	2.49	11.2	<1	1.7	430	0.56	<0.05	10.8	0.267	1.11	3.4
N813168		18.1	89.3	<0.002	0.02	2.68	11.0	<1	2.1	437	0.56	<0.05	12.8	0.277	1.06	3.5
N813169		16.7	87.6	0.004	0.02	2.01	10.0	<1	1.7	358	0.65	<0.05	14.2	0.251	1.03	3.9
N813170		1.4	1.4	<0.002	0.02	0.06	0.2	<1	<0.2	51.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N813171		18.8	90.4	0.002	0.02	1.40	12.1	1	1.9	363	0.76	<0.05	18.0	0.274	1.00	4.6
N813172		24.9	86.0	0.004	0.03	1.51	11.2	1	1.5	408	0.58	<0.05	11.5	0.266	0.94	3.7
N813173		4.0	90.8	<0.002	0.07	2.55	8.8	1	1.4	208	0.51	<0.05	10.8	0.220	1.16	5.2
N813174		13.8	91.0	0.005	0.05	2.05	10.2	1	2.2	322	0.51	<0.05	10.1	0.252	1.00	2.7
N813175		17.5	95.1	<0.002	0.01	1.32	11.2	1	1.6	426	0.60	<0.05	11.6	0.268	0.90	3.4
N813176		18.4	87.4	0.003	0.01	1.06	10.9	<1	1.7	407	0.57	<0.05	11.5	0.256	0.94	3.3
N813177		17.9	82.5	0.002	0.01	1.12	10.7	1	1.7	425	0.60	<0.05	9.7	0.262	0.98	2.9
N813178		18.0	83.4	0.003	0.01	1.11	10.6	<1	1.7	420	0.61	<0.05	11.2	0.264	0.91	3.6
N813179		20.6	79.6	<0.002	0.01	1.19	11.6	1	1.9	448	0.75	<0.05	13.3	0.274	0.82	4.6



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Project: Klaza-84

**CERTIFICATE OF ANALYSIS WH12170283**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813144		87	3.1	13.7	68	29.8
N813145		83	7.1	13.8	67	29.4
N813146		79	8.6	13.7	57	29.4
N813147		62	1.8	13.0	42	19.5
N813148		66	3.1	12.0	88	26.3
N813149		56	5.3	8.9	5140	23.3
N813150		56	5.2	14.1	99	60.0
N813151		69	4.7	12.1	70	24.2
N813152		62	4.3	10.7	580	24.2
N813153		2	0.1	0.8	18	0.5
N813154		77	3.1	11.9	73	22.9
N813155		80	2.7	13.9	67	24.6
N813156		83	2.5	13.1	69	24.1
N813157		77	3.3	14.6	69	26.1
N813158		89	2.7	16.7	71	31.4
N813159		74	1.4	11.7	59	19.4
N813160		72	2.2	11.7	61	21.4
N813161		74	3.5	13.7	57	22.5
N813162		76	2.1	13.5	56	22.6
N813163		57	5.3	10.4	3000	35.5
N813164		74	3.2	12.6	57	23.4
N813165		78	1.9	12.7	58	22.9
N813166		80	1.6	12.8	60	25.4
N813167		77	1.8	13.8	60	22.5
N813168		79	2.8	12.6	60	23.0
N813169		73	1.6	14.4	56	25.5
N813170		2	0.1	0.9	18	<0.5
N813171		77	1.7	16.7	59	25.8
N813172		78	1.8	14.9	71	24.2
N813173		66	1.4	16.7	37	19.7
N813174		80	1.7	12.6	52	20.0
N813175		78	1.1	14.4	59	24.8
N813176		74	1.7	14.1	57	21.2
N813177		76	1.6	13.5	57	24.3
N813178		77	1.4	13.6	58	22.3
N813179		82	1.8	17.5	58	28.8



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**CERTIFICATE OF ANALYSIS WH12170283**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12170284**

Project: Klaza - 84

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12170284**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N813180		2.75	<0.005	0.01	7.61	2.7	1850	1.31	0.06	2.99	0.07	47.2	7.9	12	10.60	7.4
N813181		4.37	<0.005	0.01	8.06	3.2	2000	1.32	0.10	2.50	0.07	45.2	8.2	13	10.85	12.3
N813182		7.09	<0.005	0.02	7.84	3.4	2040	1.38	0.09	2.96	0.08	47.1	7.9	14	9.74	9.5
N813183		3.27	<0.005	0.02	8.15	3.3	2180	1.33	0.10	2.68	0.09	50.7	9.0	15	10.15	9.8
N813184		2.76	<0.005	0.03	8.33	3.8	2040	1.60	0.09	3.12	0.13	49.7	9.6	16	19.85	13.5
N813185		7.88	<0.005	0.02	8.21	3.0	2220	1.39	0.07	2.77	0.09	47.8	8.5	16	9.46	7.9
N813186		0.23	0.800	9.55	7.16	1990	630	1.36	6.23	1.97	40.4	48.2	16.8	22	16.20	120.5
N813187		6.02	<0.005	0.04	8.21	2.8	2110	1.41	0.07	2.80	0.09	49.0	8.4	12	8.19	8.4
N813188		<0.02	<0.005	0.01	8.04	1.9	2110	1.45	0.08	2.84	0.08	51.9	8.5	17	8.27	8.3
N813189		2.79	<0.005	0.02	7.76	2.8	1820	1.33	0.08	3.25	0.06	51.1	7.9	18	10.40	7.9
N813190		8.38	<0.005	0.02	7.85	1.9	2070	1.43	0.08	2.72	0.06	47.7	8.1	16	8.36	14.7
N813191		4.78	<0.005	0.08	8.39	2.5	1940	1.46	0.10	2.69	0.15	50.8	8.2	14	11.95	41.7
N813192		7.32	<0.005	0.01	7.83	1.7	2160	1.42	0.08	2.80	0.08	48.8	8.0	14	8.39	8.1
N813193		3.62	<0.005	0.02	8.05	1.9	2220	1.50	0.08	2.96	0.07	50.3	8.2	16	11.15	7.9
N813194		2.64	<0.005	0.12	7.59	40.1	1930	1.45	0.12	2.67	0.09	43.7	8.2	15	16.60	8.5
N813195		2.90	<0.005	0.01	0.13	7	30	0.05	0.03	21.9	0.06	1.95	1.3	3	0.50	8.2
N813196		7.42	<0.005	0.04	7.96	4.6	2030	1.39	0.10	3.01	0.09	48.9	7.6	17	11.85	11.4
N813197		6.75	<0.005	0.02	7.96	3.0	2040	1.36	0.06	2.87	0.06	47.0	7.9	18	10.50	7.1
N813198		3.15	<0.005	0.11	7.96	43.8	1890	1.51	0.06	3.11	0.06	46.8	8.0	12	14.80	7.8
N813199		2.60	<0.005	0.01	7.30	10.0	1870	1.20	0.06	3.21	0.05	45.3	7.8	20	13.05	9.6
N813200		5.04	<0.005	0.02	7.80	4.7	2210	1.50	0.09	2.86	0.07	51.0	8.7	15	10.65	8.0
N813201		0.22	0.816	9.93	7.19	1905	760	1.45	6.08	1.97	41.5	51.1	16.6	21	16.85	118.5
N813202		3.15	<0.005	0.06	8.11	11.2	3350	1.32	0.12	1.71	0.14	57.1	8.0	13	16.35	8.2
N813203		1.22	<0.005	0.04	8.28	10.4	2030	1.38	0.18	1.69	0.09	57.8	8.9	15	18.45	10.5
N813204		3.01	<0.005	0.03	8.08	4.0	2170	1.67	0.10	3.07	0.09	51.5	8.6	13	12.00	11.4
N813205		2.99	<0.005	0.07	7.76	6.1	1890	1.61	0.10	2.92	0.10	45.1	8.3	11	17.25	16.2
N813206		3.27	<0.005	0.06	7.72	8.2	2010	1.61	0.08	3.45	0.11	48.5	8.5	13	15.80	10.8
N813207		2.39	0.017	0.80	7.45	113.5	2040	1.68	0.07	3.68	6.11	53.9	8.7	11	21.0	10.6
N813208		2.98	<0.005	0.01	0.09	<5	30	0.05	0.01	21.6	0.06	1.82	1.0	1	0.26	1.4
N813209		3.11	<0.005	0.40	7.48	56.3	>10000	1.45	0.08	2.35	0.47	50.1	7.5	10	17.95	7.0
N813210		4.50	<0.005	0.09	8.49	9.8	2200	1.27	0.30	1.63	0.15	54.3	7.8	10	25.8	10.1
N813211		2.24	<0.005	0.02	8.27	9.5	2040	1.30	0.12	1.91	0.14	47.3	8.0	10	16.55	9.1
N813212		2.60	<0.005	0.15	7.65	9.1	1870	1.60	0.10	3.22	0.27	43.0	8.0	14	15.90	9.7
N813213		3.74	<0.005	0.02	7.75	3.3	2090	1.63	0.10	3.22	0.10	48.0	8.2	13	15.75	8.7
N813214		5.33	<0.005	0.10	7.86	5.4	2020	1.73	0.08	2.98	0.58	49.3	8.0	17	19.80	9.5
N813215		2.41	<0.005	0.21	7.04	13.4	2040	1.61	0.14	3.78	0.19	43.6	8.5	12	20.6	6.5



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**CERTIFICATE OF ANALYSIS WH12170284**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813180		3.07	15.25	0.14	1.2	0.036	2.45	24.3	17.3	0.81	781	1.03	1.96	8.0	2.9	610
N813181		3.23	16.05	0.14	1.1	0.037	2.52	23.5	18.4	0.89	675	1.50	1.93	8.6	3.1	680
N813182		3.20	16.00	0.15	1.1	0.039	2.54	24.8	17.3	0.88	788	1.54	2.14	8.4	3.0	650
N813183		3.39	16.30	0.16	1.1	0.040	2.58	27.6	21.6	0.96	707	1.52	2.24	8.7	3.1	680
N813184		3.55	16.25	0.15	1.4	0.042	2.60	26.6	20.2	1.05	812	1.18	2.08	8.7	4.9	820
N813185		3.38	16.40	0.15	1.2	0.039	2.68	25.7	21.3	0.95	754	1.44	2.30	8.9	3.2	670
N813186		5.51	14.90	0.17	1.3	0.983	2.87	26.3	23.9	0.72	2100	12.70	0.27	8.1	17.4	530
N813187		3.25	16.45	0.14	1.1	0.039	2.57	26.3	13.6	0.89	749	1.13	2.32	8.9	3.1	650
N813188		3.27	16.35	0.15	1.1	0.043	2.66	27.7	14.0	0.88	760	1.53	2.26	8.7	3.6	670
N813189		3.05	15.65	0.13	1.1	0.037	2.50	26.0	14.7	0.81	847	1.48	1.90	8.3	2.9	610
N813190		3.17	16.00	0.14	1.1	0.038	2.51	24.9	19.5	0.87	693	1.37	2.20	8.7	3.1	640
N813191		3.20	16.45	0.14	1.2	0.047	2.53	26.4	25.6	1.04	690	1.98	2.10	8.9	3.6	640
N813192		3.14	15.95	0.14	1.1	0.035	2.56	25.9	20.3	0.87	729	1.74	2.20	8.5	3.1	630
N813193		3.14	16.20	0.15	1.1	0.037	2.53	27.5	17.0	0.82	697	1.66	2.18	8.6	3.0	640
N813194		3.10	15.90	0.13	1.0	0.037	2.69	22.1	20.2	0.76	819	1.93	1.73	8.3	3.1	640
N813195		0.52	0.32	0.05	<0.1	<0.005	0.06	0.9	1.5	13.25	235	0.12	0.01	0.2	3.4	220
N813196		3.14	15.95	0.11	1.1	0.039	2.63	25.3	15.3	0.85	810	1.61	1.97	8.5	2.8	650
N813197		3.16	16.05	0.12	1.1	0.037	2.53	24.1	19.9	0.87	689	1.44	2.17	8.5	2.7	650
N813198		3.15	16.40	0.12	1.1	0.039	2.63	22.3	33.8	0.85	799	1.18	1.80	8.5	3.1	660
N813199		2.81	15.40	0.11	1.1	0.039	2.55	22.5	46.7	0.70	811	1.67	0.26	8.2	2.7	630
N813200		3.19	15.80	0.14	1.0	0.036	2.59	26.5	18.3	0.84	773	1.54	2.03	8.3	3.0	640
N813201		5.49	15.05	0.15	1.3	1.000	2.84	27.5	25.8	0.72	2100	12.95	0.27	8.1	17.3	530
N813202		3.03	16.40	0.13	1.2	0.044	2.68	32.1	52.5	0.73	818	1.17	0.51	9.2	2.7	680
N813203		3.21	17.05	0.14	1.3	0.047	2.77	31.2	62.3	0.77	897	1.38	0.41	9.6	2.9	700
N813204		3.32	16.95	0.14	1.2	0.042	2.65	26.1	14.4	0.87	860	1.58	2.02	9.2	3.0	680
N813205		3.43	16.05	0.12	1.1	0.051	2.79	21.2	19.7	0.83	1220	1.37	1.44	8.5	3.3	660
N813206		3.61	16.10	0.15	1.0	0.049	2.72	23.3	37.3	0.88	1050	1.64	1.10	8.5	2.9	690
N813207		4.22	16.00	0.15	1.0	0.084	2.81	27.1	63.2	1.09	4750	1.26	0.72	8.4	3.0	650
N813208		0.49	0.27	0.05	<0.1	<0.005	0.03	0.9	1.0	13.10	229	0.08	0.01	0.2	1.9	280
N813209		3.21	15.30	0.10	1.0	0.057	2.71	26.5	72.0	0.80	1760	1.79	0.45	7.8	2.6	630
N813210		3.31	16.95	0.13	1.2	0.044	2.46	28.7	80.9	0.76	1080	0.92	0.08	9.1	2.6	720
N813211		3.01	17.40	0.12	1.2	0.041	2.74	23.5	72.9	0.78	770	1.34	0.11	9.1	2.8	690
N813212		3.31	16.45	0.13	1.1	0.039	2.66	19.3	21.5	0.88	1330	1.33	1.62	8.8	2.8	690
N813213		3.25	16.30	0.13	1.2	0.038	2.53	22.5	21.1	0.81	858	1.32	2.01	8.8	2.9	670
N813214		3.29	16.70	0.14	1.2	0.039	2.66	23.3	22.3	0.83	1080	1.42	1.86	9.3	2.9	680
N813215		3.31	15.80	0.16	1.1	0.037	2.62	21.5	62.8	1.18	1380	1.06	0.80	8.1	2.8	600



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**CERTIFICATE OF ANALYSIS WH12170284**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813180		16.8	83.5	<0.002	0.01	1.69	10.4	1	1.6	400	0.72	<0.05	13.9	0.257	0.91	4.1
N813181		18.2	83.7	<0.002	0.01	1.61	11.3	1	1.7	406	0.74	<0.05	13.3	0.286	0.89	4.2
N813182		18.3	83.6	<0.002	0.01	1.28	11.1	1	1.6	414	0.72	<0.05	12.9	0.272	0.91	4.0
N813183		19.2	90.3	<0.002	0.01	0.95	12.3	1	1.7	444	0.72	<0.05	14.6	0.285	0.85	4.3
N813184		20.3	94.2	<0.002	0.01	1.54	12.2	1	1.6	496	0.74	<0.05	14.2	0.299	0.95	4.4
N813185		20.2	87.0	<0.002	0.01	1.37	11.4	1	1.6	504	0.77	<0.05	14.2	0.288	0.86	4.6
N813186		1355	155.5	<0.002	3.19	31.8	9.0	1	6.4	153.5	0.70	0.28	12.9	0.213	2.38	5.5
N813187		20.1	89.5	<0.002	0.01	1.02	11.7	1	1.6	431	0.78	<0.05	14.0	0.283	0.87	4.5
N813188		20.2	88.2	<0.002	0.01	0.97	11.8	1	1.6	425	0.77	<0.05	15.2	0.277	0.88	4.8
N813189		18.3	90.7	<0.002	0.01	1.74	10.9	1	1.6	387	0.75	<0.05	14.1	0.264	0.93	4.5
N813190		18.9	86.5	<0.002	0.01	1.10	11.2	1	1.6	431	0.77	<0.05	13.9	0.272	0.85	5.0
N813191		22.0	91.6	<0.002	0.02	1.88	12.5	1	1.9	498	0.80	<0.05	16.1	0.289	0.87	4.8
N813192		19.7	89.8	<0.002	0.01	0.99	11.1	1	1.6	442	0.74	<0.05	14.2	0.264	0.87	4.7
N813193		18.9	91.0	<0.002	0.01	1.12	11.5	1	1.7	460	0.77	<0.05	14.4	0.276	0.86	4.6
N813194		19.1	90.2	<0.002	0.06	3.35	10.5	1	1.6	358	0.70	<0.05	12.0	0.269	1.14	4.4
N813195		1.4	3.4	<0.002	0.02	<0.05	0.6	1	<0.2	44.7	<0.05	<0.05	<0.2	0.005	<0.02	0.6
N813196		20.2	95.0	<0.002	0.02	1.79	10.5	1	1.7	425	0.75	<0.05	13.6	0.276	0.99	4.8
N813197		18.8	85.8	<0.002	0.01	1.10	10.7	1	1.6	435	0.74	<0.05	14.0	0.277	0.86	4.2
N813198		19.7	89.9	<0.002	0.05	2.73	10.7	1	1.7	402	0.74	<0.05	13.1	0.272	1.05	4.4
N813199		17.4	82.5	<0.002	0.04	13.05	9.9	1	2.0	243	0.74	<0.05	12.7	0.260	1.03	5.5
N813200		19.4	91.8	<0.002	0.02	1.59	10.9	1	1.7	403	0.73	<0.05	14.6	0.267	0.92	4.6
N813201		1355	158.0	<0.002	3.20	32.9	9.2	1	6.5	156.0	0.68	0.34	13.3	0.209	2.41	5.6
N813202		22.3	105.5	<0.002	0.08	20.3	12.4	1	2.0	243	0.80	<0.05	15.2	0.290	1.15	4.2
N813203		19.6	112.0	<0.002	0.04	22.1	13.8	1	2.3	222	0.85	<0.05	15.7	0.302	1.24	4.0
N813204		22.8	93.3	<0.002	0.02	2.58	11.8	1	1.7	432	0.79	<0.05	13.1	0.283	1.05	4.2
N813205		22.4	107.0	<0.002	0.06	4.87	11.1	1	1.7	368	0.73	<0.05	12.5	0.268	1.40	3.9
N813206		24.5	92.2	<0.002	0.04	4.84	11.7	1	2.0	410	0.66	<0.05	12.0	0.282	1.28	3.5
N813207		201	104.5	<0.002	0.25	9.18	11.6	1	1.7	317	0.67	<0.05	13.0	0.275	1.59	4.2
N813208		1.6	1.8	<0.002	0.01	0.07	0.3	1	<0.2	47.3	<0.05	<0.05	0.2	<0.005	<0.02	0.5
N813209		296	106.5	<0.002	0.44	18.35	10.3	1	1.8	333	0.66	<0.05	11.5	0.260	1.59	3.7
N813210		23.7	100.5	<0.002	0.06	17.70	12.2	1	1.8	154.0	0.80	<0.05	15.1	0.291	1.24	3.9
N813211		20.0	87.6	<0.002	0.03	9.33	11.8	1	1.8	219	0.83	<0.05	12.1	0.288	1.24	3.4
N813212		35.3	88.3	<0.002	0.05	4.41	10.5	1	1.7	383	0.76	<0.05	10.5	0.282	1.34	3.7
N813213		20.4	89.5	<0.002	0.01	2.36	11.6	1	1.7	458	0.76	<0.05	12.1	0.277	0.96	3.9
N813214		49.1	98.5	<0.002	0.02	2.82	11.7	1	1.8	411	0.86	<0.05	12.6	0.279	1.27	4.5
N813215		18.1	101.0	<0.002	0.12	7.17	11.2	1	1.5	304	0.65	<0.05	10.3	0.259	1.42	4.5





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**CERTIFICATE OF ANALYSIS WH12170284**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813180		75	1.6	15.6	53	29.7
N813181		84	1.5	15.4	55	28.7
N813182		83	1.4	16.3	54	28.9
N813183		85	1.3	17.8	60	28.4
N813184		92	1.7	18.2	69	39.0
N813185		85	1.7	16.7	60	30.0
N813186		62	5.5	11.9	3250	42.5
N813187		82	1.4	16.8	61	27.2
N813188		83	1.5	17.5	59	30.4
N813189		77	1.2	17.5	55	27.3
N813190		80	1.6	16.5	57	29.8
N813191		89	4.6	16.2	64	31.2
N813192		78	1.3	17.1	56	29.0
N813193		80	1.4	17.1	57	27.5
N813194		80	2.6	15.5	55	26.0
N813195		4	0.1	1.0	13	<0.5
N813196		82	2.2	16.5	57	27.9
N813197		81	1.2	16.1	58	29.8
N813198		81	2.8	15.7	56	27.5
N813199		77	4.3	14.5	51	28.8
N813200		80	1.4	17.1	56	28.1
N813201		61	5.4	12.5	3220	42.7
N813202		84	6.1	17.5	62	30.8
N813203		87	6.9	18.7	60	32.6
N813204		84	1.2	18.0	60	31.8
N813205		81	1.7	15.6	67	29.7
N813206		85	2.0	18.2	64	27.6
N813207		83	2.5	19.5	945	24.8
N813208		2	0.1	0.9	15	0.6
N813209		79	4.3	16.7	96	26.2
N813210		87	10.2	18.0	66	30.0
N813211		84	4.8	15.3	57	28.7
N813212		83	2.3	16.0	69	26.9
N813213		84	1.8	17.4	61	31.7
N813214		84	2.4	17.3	101	28.8
N813215		76	2.7	16.3	73	25.5



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**CERTIFICATE OF ANALYSIS WH12170284**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12170285**

Project: Klaza - 84

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12170285**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813216		2.11	<0.005	0.12	7.66	4.0	2360	2.03	0.09	2.68	0.15	43.7	10.2	13	11.10	10.2
N813217		0.21	4.37	>100	5.54	8340	340	1.51	59.2	1.94	233	32.0	10.1	18	11.55	1245
N813218		2.89	<0.005	0.12	8.26	9.5	1960	1.42	0.13	1.46	0.24	49.6	7.9	17	15.60	9.4
N813219		7.69	<0.005	0.22	7.19	4.4	2400	1.56	0.08	2.77	0.33	39.9	8.2	15	10.40	7.1
N813220		2.95	<0.005	1.15	7.26	24.1	1740	1.70	0.15	2.64	2.04	47.3	8.8	18	16.25	10.8
N813221		2.99	<0.005	0.71	5.55	23.5	1570	1.19	0.10	3.29	1.15	33.9	6.2	13	16.50	9.8
N813222		3.17	<0.005	0.92	6.63	42.2	710	1.62	0.13	2.76	0.81	40.7	6.5	17	20.2	11.9
N813223		4.53	<0.005	0.14	7.69	8.0	1150	1.53	0.07	1.34	0.31	40.5	7.6	12	16.90	7.3
N813224		2.76	0.007	8.20	7.13	170.5	1890	1.92	0.10	1.77	1.39	43.6	8.0	24	22.6	12.9
N813225		3.71	0.217	32.2	5.93	310	910	1.38	0.39	2.68	32.0	35.9	8.7	14	13.00	55.0
N813226		2.07	<0.005	0.12	0.16	5	30	0.10	0.05	20.8	0.15	1.60	1.7	2	0.70	8.5
N813227		5.29	<0.005	0.65	7.50	181.5	1350	1.84	0.19	2.76	0.57	43.6	9.1	15	22.9	16.8
N813228		3.65	<0.005	0.26	7.52	23.0	2090	1.64	0.16	2.41	0.14	44.6	9.3	16	16.90	11.4
N813229		2.58	<0.005	0.34	7.42	25.2	1330	2.17	0.16	1.82	0.62	42.0	8.1	12	18.85	17.0
N813230		3.00	<0.005	5.18	6.80	154.0	1020	1.23	0.48	2.10	6.78	48.3	6.9	19	11.45	15.2
N813231		4.28	<0.005	3.32	6.92	42.6	1080	1.60	0.92	2.50	0.42	42.5	8.1	12	15.45	7.9
N813232		2.75	0.029	2.16	6.78	121.5	1890	1.39	1.57	3.04	2.70	47.6	5.4	13	12.95	11.3
N813233		2.33	<0.005	0.03	0.10	<5	20	0.06	0.05	20.9	0.07	1.28	0.6	1	0.25	2.0
N813234		4.76	<0.005	0.17	7.31	28.2	1720	1.42	0.12	2.04	0.19	66.6	5.4	13	21.6	4.7
N813235		5.92	<0.005	0.23	7.24	35.5	620	1.55	0.14	1.93	0.27	73.1	5.5	14	25.6	4.3
N813236		3.70	0.051	1.99	5.88	77.6	1710	1.72	0.91	1.31	4.36	52.5	8.2	24	23.8	27.5
N813237		5.15	<0.005	0.11	6.60	16.7	370	1.93	0.15	2.34	0.26	46.1	4.5	23	28.9	8.3
N813238		2.19	<0.005	0.10	6.75	17.3	380	1.76	0.12	2.21	0.22	49.1	4.5	24	28.9	8.6
N813239		7.34	<0.005	0.02	6.75	11.8	440	1.51	0.04	2.13	0.26	43.0	6.3	15	20.6	4.3
N813240		8.64	<0.005	0.11	6.81	21.7	840	1.72	0.06	2.56	0.22	46.5	5.4	22	23.8	6.1
N813241		<0.02	<0.005	0.10	7.13	23.5	830	1.83	0.09	2.69	0.26	52.8	5.6	24	25.5	6.1
N813242		4.63	0.057	0.28	6.67	38.6	1390	2.33	0.19	2.34	0.30	59.2	5.5	28	35.9	13.0
N813243		2.68	0.022	1.07	5.29	66.7	1680	1.82	0.30	3.05	0.63	44.9	12.2	49	25.0	21.6
N811128		4.26	<0.005	0.13	6.54	19.2	510	1.50	0.08	1.60	0.38	42.4	4.5	40	18.60	5.8
N811129		0.22	0.761	9.20	6.47	1780	920	1.37	6.02	1.82	43.1	44.4	15.0	19	15.75	107.5
N811130		6.78	<0.005	0.11	5.80	16.6	1040	1.93	0.11	1.61	0.37	32.1	1.4	4	20.6	1.7
N811131		8.67	0.074	0.51	6.26	62.1	970	1.67	0.43	0.86	1.56	45.4	2.4	9	20.9	4.6
N811132		4.54	0.015	1.42	6.82	69.3	1590	1.72	0.15	4.22	1.16	46.6	7.4	11	30.3	10.3
N811133		3.74	<0.005	0.23	7.73	31.3	2140	1.45	0.13	1.76	0.18	46.7	7.4	15	21.1	11.3
N811134		3.79	<0.005	0.12	7.07	10.3	1680	1.36	0.12	2.08	0.12	44.1	6.8	15	27.0	19.5
N811135		3.67	<0.005	0.24	7.46	22.7	910	1.31	0.10	2.89	0.34	47.7	7.6	20	22.9	8.5



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Account: ROCKHA

Project: Klaza - 84

**CERTIFICATE OF ANALYSIS WH12170285**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813216		3.44	18.90	0.22	1.4	0.042	2.53	20.7	19.3	0.88	805	1.70	1.95	10.3	3.8	670
N813217		8.26	13.75	0.26	1.0	4.50	2.20	16.6	36.9	0.62	3150	16.95	0.08	6.4	15.5	480
N813218		3.10	18.55	0.16	1.1	0.044	2.76	25.4	32.3	0.52	764	1.96	0.61	9.7	3.0	750
N813219		3.17	16.40	0.18	1.0	0.033	2.73	19.1	15.6	0.82	852	1.76	2.03	8.1	3.3	620
N813220		3.06	16.95	0.16	1.0	0.044	2.71	23.2	41.9	0.70	1190	3.30	1.39	8.7	3.4	630
N813221		2.81	11.75	0.13	0.7	0.030	1.94	18.7	39.7	0.94	2010	1.87	0.03	6.1	3.1	450
N813222		2.98	14.25	0.11	0.8	0.045	2.35	22.6	121.0	0.94	1870	2.02	0.03	6.8	3.0	520
N813223		3.10	17.80	0.17	1.0	0.040	1.77	20.1	192.5	0.53	1360	1.24	0.03	9.2	3.1	660
N813224		2.79	16.50	0.16	1.0	0.041	2.27	22.7	246	0.61	1840	3.08	0.02	8.3	3.4	600
N813225		4.47	12.90	0.19	0.7	0.102	2.35	20.2	39.8	0.89	6260	3.25	0.01	6.0	3.2	450
N813226		0.54	0.52	<0.05	<0.1	0.007	0.07	0.8	3.0	13.00	253	0.33	0.01	0.4	3.2	210
N813227		3.37	16.75	0.12	0.9	0.054	3.06	22.1	55.2	0.91	1940	1.46	0.04	8.2	3.6	670
N813228		3.28	18.65	0.20	1.1	0.044	3.05	21.6	68.2	0.87	1180	1.25	0.41	9.4	3.5	670
N813229		3.03	16.90	0.17	0.9	0.039	2.64	21.0	338	0.64	1770	0.85	0.03	8.2	3.5	650
N813230		4.16	13.90	0.08	0.9	0.061	3.08	26.4	43.8	0.75	4550	3.36	0.03	5.9	6.1	520
N813231		3.04	15.85	0.13	1.0	0.050	3.41	19.0	47.5	0.81	1580	2.72	0.04	7.4	3.3	610
N813232		3.47	14.20	0.12	1.3	0.074	2.94	25.6	45.9	1.04	3640	3.01	0.03	7.1	3.3	550
N813233		0.47	0.29	0.09	<0.1	0.007	0.04	0.6	1.3	12.45	218	0.13	<0.01	0.2	1.9	180
N813234		2.50	16.40	0.16	2.5	0.020	2.72	35.3	99.0	0.76	755	1.43	0.06	10.2	3.8	850
N813235		2.48	17.60	0.17	2.6	0.029	2.77	36.3	71.9	0.68	805	1.21	0.06	10.9	4.6	870
N813236		2.42	14.45	0.13	3.0	0.069	2.12	28.9	49.0	0.57	2140	4.78	0.04	6.9	17.8	460
N813237		2.21	18.45	0.13	3.4	0.026	2.63	22.8	49.9	0.70	926	0.63	0.06	8.4	15.0	710
N813238		2.19	18.25	0.11	3.3	0.027	2.72	22.3	45.5	0.66	899	0.62	0.06	8.4	14.7	720
N813239		2.16	16.15	0.11	1.9	0.031	2.66	19.1	110.5	0.61	881	0.30	0.05	7.6	8.3	780
N813240		2.20	16.80	0.12	2.6	0.026	2.47	23.1	138.0	0.76	914	0.57	0.06	7.7	11.9	720
N813241		2.32	17.65	0.11	2.8	0.032	2.54	26.2	146.5	0.81	961	0.62	0.06	8.0	12.3	750
N813242		1.97	17.95	0.15	4.1	0.027	2.32	31.4	51.3	0.74	852	1.77	0.07	7.9	18.2	530
N813243		2.27	12.40	0.11	3.1	0.034	1.37	23.8	92.5	0.46	881	4.46	0.05	7.4	20.8	470
N811128		2.06	16.30	0.11	2.5	0.027	1.92	18.4	151.5	0.40	895	0.96	0.06	10.7	10.7	510
N811129		5.10	13.65	0.11	1.3	0.914	2.73	24.3	24.2	0.67	1960	11.70	0.25	6.5	15.8	490
N811130		1.22	15.10	0.11	2.0	0.023	2.36	14.6	37.9	0.28	631	0.71	0.05	9.5	1.6	270
N811131		1.25	15.20	0.10	2.0	0.027	2.21	23.3	72.8	0.27	549	1.94	0.06	8.9	2.8	290
N811132		2.87	13.70	0.13	1.3	0.043	2.44	25.4	23.1	1.38	1590	2.16	0.04	6.2	4.2	550
N811133		3.19	15.70	0.12	1.3	0.046	2.50	22.5	157.0	0.65	960	1.50	0.06	7.5	3.0	670
N811134		2.85	15.20	0.13	1.6	0.041	2.98	19.3	52.3	0.57	621	1.94	0.89	7.3	2.8	550
N811135		3.10	14.75	0.11	1.2	0.047	2.66	26.6	144.5	0.94	1270	1.88	0.06	7.0	2.9	620



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Plus Appendix Pages  
Finalized Date: 15-AUG-2012  
Account: ROCKHA

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**CERTIFICATE OF ANALYSIS WH12170285**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813216		25.7	97.8	0.002	0.02	1.76	12.3	2	1.9	460	0.81	<0.05	12.0	0.284	1.04	4.1
N813217		9650	135.0	0.003	7.24	221	8.2	4	9.0	124.5	0.44	0.57	9.0	0.178	2.09	5.4
N813218		23.5	122.5	0.002	0.02	17.95	13.1	2	1.9	195.0	0.74	<0.05	12.2	0.312	1.21	3.5
N813219		48.4	86.4	0.002	0.03	1.63	9.9	1	1.5	429	0.56	<0.05	10.5	0.257	0.97	3.2
N813220		69.5	96.7	<0.002	0.10	7.03	10.4	1	1.6	339	0.66	<0.05	12.6	0.260	1.33	3.5
N813221		49.6	85.5	<0.002	0.18	37.2	8.5	1	1.2	187.0	0.40	<0.05	8.8	0.185	1.16	3.9
N813222		102.0	131.5	<0.002	0.14	24.5	9.5	1	1.4	154.5	0.49	<0.05	10.6	0.219	1.75	5.2
N813223		15.3	79.2	<0.002	0.06	32.0	11.6	2	1.7	129.5	0.64	<0.05	11.8	0.275	0.97	2.8
N813224		3050	106.5	0.002	0.25	31.4	10.8	2	1.6	178.0	0.62	<0.05	11.8	0.251	1.69	3.9
N813225		4760	149.5	<0.002	1.84	62.1	8.9	2	1.9	97.6	0.41	<0.05	9.2	0.193	2.11	5.3
N813226		21.7	4.0	<0.002	0.02	0.27	0.6	1	<0.2	41.2	<0.05	<0.05	0.2	0.006	0.03	0.7
N813227		67.4	135.5	0.002	0.25	21.0	11.8	1	1.7	178.0	0.61	<0.05	11.1	0.274	2.49	4.9
N813228		18.2	116.0	0.002	0.07	13.95	12.6	2	1.9	248	0.69	<0.05	11.8	0.283	1.59	3.4
N813229		38.3	112.5	<0.002	0.17	24.1	11.3	1	1.9	182.0	0.61	<0.05	10.8	0.266	1.74	2.9
N813230		1165	214	<0.002	1.55	25.0	10.8	<1	2.0	77.9	0.48	<0.05	12.1	0.235	2.89	4.6
N813231		136.5	163.0	<0.002	0.27	11.35	11.2	<1	2.0	163.5	0.64	<0.05	9.8	0.273	3.03	4.5
N813232		153.0	224	0.002	0.86	14.95	9.6	1	2.1	174.5	0.74	<0.05	12.4	0.213	2.99	7.5
N813233		2.3	2.6	<0.002	0.01	0.37	0.3	<1	0.2	40.9	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N813234		20.6	108.0	<0.002	0.16	7.54	6.3	<1	1.5	355	0.74	<0.05	10.5	0.252	2.13	6.1
N813235		19.5	104.0	<0.002	0.13	15.90	6.5	<1	1.5	330	0.75	<0.05	11.0	0.254	2.36	6.9
N813236		330	116.0	0.003	0.50	42.3	6.4	<1	2.2	317	0.57	<0.05	10.2	0.201	1.70	10.2
N813237		14.5	96.2	<0.002	0.03	8.82	5.9	<1	1.6	335	0.67	<0.05	8.6	0.260	1.93	3.7
N813238		14.6	98.9	<0.002	0.03	8.83	5.9	<1	1.6	336	0.68	<0.05	8.5	0.267	1.85	3.7
N813239		8.0	87.2	<0.002	0.03	14.10	5.4	<1	1.2	311	0.62	<0.05	7.3	0.273	1.70	2.7
N813240		15.1	82.7	<0.002	0.12	15.05	6.1	1	1.3	339	0.65	<0.05	8.6	0.264	2.31	4.2
N813241		15.1	92.1	<0.002	0.13	15.65	6.3	<1	1.4	350	0.67	<0.05	9.4	0.274	2.46	4.7
N813242		30.2	111.0	0.002	0.11	32.9	6.1	<1	1.8	327	0.65	<0.05	11.0	0.234	1.86	10.1
N813243		120.5	76.4	0.006	0.20	77.5	6.5	<1	1.5	315	0.51	<0.05	7.8	0.284	1.34	22.9
N811128		26.3	71.4	0.003	0.04	25.6	5.1	<1	2.0	280	0.90	<0.05	7.0	0.248	1.18	4.6
N811129		1290	159.0	<0.002	3.00	31.4	8.7	1	5.7	147.5	0.57	0.30	12.2	0.201	2.61	5.2
N811130		35.2	90.4	0.002	0.03	10.20	2.0	<1	1.8	222	0.87	<0.05	6.5	0.112	1.39	3.2
N811131		97.2	102.0	0.002	0.17	25.6	2.6	<1	2.2	227	0.82	<0.05	8.4	0.123	1.43	9.3
N811132		76.4	127.0	0.002	0.30	11.25	9.6	<1	1.4	329	0.61	<0.05	12.6	0.228	2.38	10.3
N811133		22.3	105.0	0.003	0.11	20.2	12.1	<1	1.7	179.5	0.73	<0.05	12.5	0.286	1.78	3.9
N811134		19.4	119.5	<0.002	0.02	11.80	10.1	<1	1.6	247	0.87	<0.05	15.8	0.249	1.51	4.9
N811135		17.3	103.5	<0.002	0.16	9.45	11.7	<1	1.6	245	0.67	<0.05	12.4	0.271	1.71	4.3



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Project: Klaza - 84

**CERTIFICATE OF ANALYSIS WH12170285**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N813216		84	1.6	16.5	65	31.2		
N813217		53	4.4	9.5	>10000	34.4	121	1.595
N813218		89	4.1	16.8	79	26.6		
N813219		75	1.9	13.5	81	26.1		
N813220		75	2.7	13.9	204	24.2		
N813221		57	2.4	12.4	127	18.0		
N813222		66	4.1	14.2	109	20.4		
N813223		76	10.6	14.5	82	26.6		
N813224		74	5.8	14.1	121	25.3		
N813225		61	4.8	11.7	3130	18.2		
N813226		3	0.2	0.9	25	0.5		
N813227		82	6.2	15.8	91	22.8		
N813228		83	2.0	15.9	56	26.1		
N813229		78	3.7	13.0	88	21.6		
N813230		72	2.3	11.9	500	17.2		
N813231		83	2.5	13.0	56	18.1		
N813232		59	3.4	14.2	206	26.2		
N813233		3	0.1	0.8	14	<0.5		
N813234		49	5.0	12.2	71	75.7		
N813235		49	2.0	13.0	77	80.0		
N813236		46	2.1	13.8	291	97.5		
N813237		49	1.9	11.1	65	102.0		
N813238		50	2.0	10.5	65	104.0		
N813239		47	3.0	9.6	69	48.8		
N813240		50	2.1	10.7	72	74.4		
N813241		51	2.1	11.4	75	75.6		
N813242		49	1.9	13.0	55	140.0		
N813243		55	5.7	15.9	80	108.0		
N811128		34	4.0	9.9	72	65.9		
N811129		55	4.9	10.8	2910	34.3		
N811130		13	1.4	7.7	59	41.9		
N811131		16	2.1	9.5	128	43.4		
N811132		68	8.1	14.9	131	27.1		
N811133		81	4.9	13.9	58	25.3		
N811134		69	2.5	13.5	49	28.7		
N811135		79	3.2	15.2	78	24.9		



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Project: Klaza - 84

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**CERTIFICATE OF ANALYSIS WH12170285**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12170286**

Project: Klaza - 84

P.O. No.: Batch 8

This report is for 29 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 8-AUG-2012  
Account: ROCKHA

Project: Klaza - 84

**CERTIFICATE OF ANALYSIS WH12170286**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811136		6.13	<0.005	0.06	7.17	3.2	2080	1.48	0.06	2.86	0.08	45.7	8.6	17	12.65	9.9
N811137		2.59	<0.005	0.24	6.98	40.0	2410	1.69	0.18	2.37	0.15	48.1	9.6	14	18.30	10.7
N811138		2.26	<0.005	0.02	0.09	<5	40	0.10	0.01	18.85	0.06	1.20	1.4	<1	0.26	1.6
N811139		5.95	<0.005	0.12	7.06	5.0	1900	1.74	0.09	2.63	0.09	46.9	8.1	18	9.83	13.9
N811140		5.15	<0.005	0.71	7.36	14.6	2630	1.59	0.11	1.71	0.20	50.0	8.4	10	19.80	18.7
N811141		7.76	<0.005	0.22	7.62	15.2	1360	1.62	0.12	1.17	0.12	52.9	8.0	11	17.20	13.2
N811142		3.49	<0.005	0.11	7.36	12.7	1780	1.81	0.14	1.68	0.18	47.4	7.4	9	19.90	9.4
N811143		7.78	<0.005	0.33	6.56	20.4	1030	2.01	0.15	2.16	0.37	45.3	7.8	17	21.6	25.7
N811144		5.19	<0.005	0.40	7.25	8.4	1980	1.32	0.25	2.80	0.09	41.3	9.2	11	11.30	166.0
N811145		<0.02	<0.005	0.38	7.12	6.5	1940	1.37	0.24	2.74	0.10	43.7	8.4	11	11.15	156.5
N811146		4.24	<0.005	0.13	7.35	4.5	2110	1.31	0.15	2.16	0.07	42.4	7.8	12	10.35	35.0
N811147		2.72	<0.005	0.31	6.79	12.6	1490	1.22	0.35	4.02	0.25	49.7	6.0	7	16.00	95.4
N811148		0.21	0.764	9.24	6.41	1725	690	1.37	5.83	1.73	41.3	42.2	16.3	16	16.50	104.0
N811149		3.40	<0.005	0.31	7.38	8.7	1820	1.09	0.26	1.86	0.18	40.9	6.4	13	11.10	136.0
N811150		7.48	<0.005	0.15	7.28	5.0	1940	1.31	0.13	2.67	0.11	43.0	7.8	10	9.07	56.5
N811151		4.18	<0.005	0.07	7.24	3.6	1780	1.43	0.08	2.89	0.10	44.1	8.5	11	11.50	15.6
N811152		5.39	<0.005	0.19	7.14	7.1	2000	1.04	0.11	2.15	0.11	41.4	5.6	11	10.25	47.2
N811153		4.08	<0.005	0.21	6.83	5.2	1700	1.11	0.21	2.39	0.07	36.4	6.1	12	8.08	71.8
N811154		5.25	<0.005	0.13	7.72	6.9	2190	1.02	0.14	1.55	0.09	40.7	5.6	9	15.50	27.3
N811155		2.19	<0.005	0.22	7.66	8.0	2110	1.08	0.14	1.42	0.10	42.7	5.6	12	13.90	64.7
N811156		5.24	0.006	0.12	7.25	10.6	3010	1.34	0.24	1.70	0.08	40.8	22.0	9	10.95	12.4
N811157		2.29	<0.005	0.02	0.11	<5	20	0.08	0.02	19.95	0.06	1.25	0.7	<1	0.23	12.1
N811158		3.95	<0.005	0.14	7.53	8.0	2470	1.35	0.11	1.57	0.07	38.5	4.6	11	14.10	25.1
N811159		5.06	<0.005	0.08	7.52	4.2	2000	1.45	0.10	2.39	0.08	47.0	4.9	14	8.99	10.2
N811160		2.78	<0.005	0.12	7.38	13.7	2050	1.43	0.13	2.06	0.36	36.0	6.4	11	16.75	25.4
N811161		3.30	<0.005	0.14	7.55	4.1	2110	1.42	0.07	2.46	0.10	47.4	7.5	11	7.06	46.0
N811162		2.74	<0.005	0.10	7.48	4.3	2020	1.47	0.10	2.53	0.09	42.7	7.4	12	11.80	26.4
N811163		3.20	<0.005	0.06	7.34	3.0	2040	1.34	0.07	2.43	0.07	47.1	6.6	11	7.51	6.3
M899695		0.21	0.801	9.50	6.66	1760	800	1.49	5.99	1.80	42.5	44.3	16.6	16	16.65	106.5



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Project: Klaza - 84

**CERTIFICATE OF ANALYSIS WH12170286**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811136		3.08	15.90	0.10	1.4	0.038	2.57	23.6	19.2	0.85	712	1.89	2.11	8.2	3.4	640
N811137		3.11	15.25	0.21	1.0	0.061	2.65	24.8	59.0	0.76	1260	2.54	0.42	7.9	3.3	550
N811138		0.42	0.29	0.08	<0.1	<0.005	0.03	0.6	1.5	11.50	194	0.14	0.01	0.3	3.1	170
N811139		2.90	15.55	0.16	1.1	0.039	2.41	22.8	21.9	0.80	700	2.13	1.95	7.8	2.9	590
N811140		2.80	16.30	0.19	1.1	0.037	2.55	24.9	117.0	0.52	811	12.80	0.09	7.9	2.9	600
N811141		3.02	16.75	0.19	1.1	0.039	2.42	26.7	83.4	0.52	730	1.02	0.10	8.7	3.0	640
N811142		2.99	16.55	0.17	1.0	0.039	2.23	23.6	108.5	0.64	920	1.03	0.05	8.6	3.1	630
N811143		2.78	15.20	0.19	0.9	0.040	2.27	22.9	273	0.72	1130	1.66	0.14	7.9	3.3	570
N811144		3.08	15.90	0.10	0.8	0.037	2.46	19.9	19.3	0.84	674	2.63	1.71	7.7	3.1	610
N811145		3.01	15.30	0.10	1.0	0.043	2.40	20.9	18.9	0.82	659	2.72	1.69	7.4	2.8	610
N811146		3.04	15.95	0.14	0.9	0.034	2.67	19.1	25.2	0.82	546	1.13	1.48	7.8	3.2	630
N811147		2.70	14.35	0.13	0.8	0.032	2.31	25.4	40.5	1.14	1130	7.31	0.05	6.8	2.4	540
N811148		4.85	14.45	0.08	1.2	0.916	2.66	20.9	23.3	0.64	1860	11.00	0.24	7.2	15.3	470
N811149		2.56	15.95	0.10	1.0	0.045	2.74	18.7	35.1	0.65	539	5.45	0.16	7.9	2.6	610
N811150		3.02	15.35	0.10	1.0	0.034	2.44	18.6	19.3	0.83	575	25.4	1.89	7.7	2.8	630
N811151		3.16	16.25	0.11	0.9	0.036	2.34	19.9	20.5	0.83	617	1.10	1.67	8.2	3.2	650
N811152		3.06	16.10	0.10	1.0	0.030	2.56	18.0	33.7	0.70	570	1.07	0.29	7.9	2.7	630
N811153		3.01	14.65	0.10	0.8	0.048	2.58	16.1	25.6	0.83	664	1.76	1.08	6.8	2.7	570
N811154		3.18	16.60	0.11	1.0	0.032	2.84	18.0	31.0	0.68	693	0.89	0.08	8.3	2.7	670
N811155		3.05	16.75	0.11	1.0	0.038	2.72	20.1	33.2	0.69	636	1.68	0.08	7.8	2.8	620
N811156		3.18	15.45	0.10	1.0	0.039	2.73	19.9	44.1	0.69	789	0.69	0.04	7.3	3.0	620
N811157		0.47	0.28	0.15	<0.1	<0.005	0.04	0.5	1.2	12.25	202	0.16	0.01	0.2	2.0	180
N811158		3.10	16.05	0.13	1.1	0.029	2.87	17.8	35.1	0.64	770	1.16	0.21	7.6	2.7	610
N811159		3.24	16.70	0.15	1.1	0.037	2.61	20.6	21.0	0.83	660	1.90	1.23	8.0	2.9	640
N811160		2.75	17.10	0.13	1.1	0.041	2.56	15.7	68.2	0.60	661	1.50	0.40	8.5	2.8	720
N811161		3.19	16.85	0.14	1.0	0.033	2.57	23.0	14.1	0.91	581	1.73	2.06	8.4	3.3	670
N811162		3.04	16.45	0.12	1.0	0.037	2.67	20.2	21.9	0.78	578	1.44	1.83	7.8	3.0	630
N811163		3.16	16.00	0.10	1.0	0.030	2.49	22.8	11.9	0.83	572	2.68	1.97	7.7	3.0	610
M899695		5.02	14.95	0.09	1.2	0.971	2.70	22.4	24.0	0.66	1930	11.20	0.25	7.5	15.6	490



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Project: Klaza - 84

**CERTIFICATE OF ANALYSIS WH12170286**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811136		17.2	97.9	0.002	0.01	1.34	12.4	2	1.4	403	0.68	<0.05	12.1	0.266	0.99	4.3
N811137		26.1	134.5	<0.002	0.21	13.55	11.5	1	1.5	207	0.59	<0.05	11.5	0.239	1.82	4.5
N811138		1.1	1.6	<0.002	0.01	0.05	0.3	1	<0.2	40.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N811139		16.4	92.4	<0.002	0.02	2.11	11.2	1	1.4	379	0.54	<0.05	12.6	0.257	0.93	4.0
N811140		29.8	103.0	0.002	0.09	21.9	11.6	1	1.4	156.0	0.55	<0.05	14.4	0.258	1.25	3.9
N811141		12.6	116.5	<0.002	0.04	26.1	12.3	1	1.5	120.0	0.64	<0.05	13.0	0.277	1.28	3.1
N811142		11.6	104.0	<0.002	0.10	21.8	12.6	1	1.5	131.0	0.65	<0.05	12.4	0.275	1.31	3.3
N811143		13.7	106.0	<0.002	0.12	28.7	11.0	1	1.4	176.5	0.53	<0.05	11.4	0.242	1.43	4.0
N811144		16.5	87.9	<0.002	0.06	7.04	11.1	1	1.7	392	0.58	<0.05	11.0	0.265	1.02	3.5
N811145		16.2	84.5	<0.002	0.06	7.15	10.6	1	1.6	388	0.55	<0.05	11.2	0.262	1.02	3.5
N811146		17.9	99.8	<0.002	0.02	7.69	11.4	1	1.8	349	0.55	<0.05	11.1	0.274	1.12	3.4
N811147		14.8	137.0	<0.002	0.05	35.6	10.6	1	1.7	197.0	0.48	<0.05	11.3	0.229	1.44	2.8
N811148		1210	155.0	0.002	2.82	30.5	8.7	1	5.5	145.5	0.56	0.21	10.9	0.194	2.44	4.8
N811149		18.2	97.5	0.004	0.03	18.35	11.7	1	1.7	182.5	0.54	<0.05	10.3	0.271	1.15	3.2
N811150		15.1	77.9	<0.002	0.02	4.13	11.2	1	1.6	407	0.57	<0.05	10.0	0.269	0.96	3.1
N811151		14.2	87.7	0.002	0.01	4.08	11.8	1	1.6	415	0.53	<0.05	10.0	0.275	0.87	3.6
N811152		16.2	87.5	0.002	0.03	14.40	11.5	1	1.6	210	0.55	<0.05	10.3	0.268	1.14	3.0
N811153		9.9	113.0	<0.002	0.03	13.00	10.1	1	1.5	231	0.52	<0.05	10.6	0.252	1.41	2.7
N811154		14.0	114.0	<0.002	0.02	18.00	12.3	1	1.7	148.0	0.60	<0.05	12.8	0.284	1.34	3.0
N811155		13.5	116.0	0.002	0.03	24.2	11.8	1	1.6	146.0	0.57	<0.05	11.6	0.268	1.33	2.8
N811156		8.1	114.0	<0.002	0.23	19.45	11.1	1	1.7	127.5	0.56	<0.05	10.8	0.259	1.56	2.3
N811157		1.1	1.7	<0.002	0.01	0.05	0.4	1	0.2	38.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N811158		11.9	109.5	0.002	0.05	15.00	10.7	1	1.5	161.0	0.56	<0.05	11.1	0.269	1.54	2.9
N811159		16.2	103.5	<0.002	0.01	6.21	12.6	1	1.6	299	0.60	<0.05	11.2	0.278	1.18	3.2
N811160		13.6	93.8	<0.002	0.07	13.40	12.7	1	1.7	202	0.64	<0.05	10.2	0.299	1.42	4.1
N811161		16.1	107.0	<0.002	0.01	2.41	12.7	1	1.6	417	0.59	<0.05	12.0	0.277	1.15	3.7
N811162		15.0	99.7	0.002	0.01	3.69	12.0	1	1.5	397	0.59	<0.05	10.8	0.268	1.13	3.3
N811163		14.4	96.5	<0.002	0.01	2.37	11.5	1	1.7	404	0.57	<0.05	11.4	0.266	1.03	3.3
M899695		1250	153.5	<0.002	2.96	30.3	8.8	1	5.6	152.5	0.57	0.29	11.1	0.197	2.38	4.9



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To: ROCKHAVEN RESOURCES LTD.  
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 1016 - 510 W HASTINGS STREET  
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 Finalized Date: 8-AUG-2012  
 Account: ROCKHA

Project: Klaza - 84

**CERTIFICATE OF ANALYSIS WH12170286**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N811136		81	0.9	17.9	55	32.3
N811137		71	4.8	15.0	61	26.4
N811138		3	0.1	0.7	11	<0.5
N811139		74	1.0	15.1	49	29.0
N811140		77	3.1	14.7	56	28.6
N811141		83	4.6	15.0	53	29.0
N811142		82	3.6	14.8	60	25.5
N811143		71	5.1	13.8	65	25.8
N811144		79	2.8	13.9	50	21.8
N811145		77	3.0	13.4	49	23.1
N811146		81	2.9	13.5	49	23.5
N811147		66	3.7	19.3	52	21.3
N811148		54	5.0	10.9	2850	34.7
N811149		80	5.3	12.9	42	23.9
N811150		81	2.0	13.6	44	23.0
N811151		84	0.8	15.5	47	23.3
N811152		80	3.0	13.2	53	23.5
N811153		77	2.3	14.1	46	19.3
N811154		85	4.4	15.0	47	25.0
N811155		79	4.2	14.9	47	24.0
N811156		81	2.8	12.3	48	23.3
N811157		3	0.1	0.8	12	<0.5
N811158		79	3.1	12.6	52	24.0
N811159		83	1.9	14.4	59	24.7
N811160		94	3.3	12.2	53	24.3
N811161		81	2.3	16.7	47	25.3
N811162		81	1.7	14.9	46	23.5
N811163		77	1.2	14.7	47	24.0
M899695		56	5.2	11.2	2870	36.9



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**CERTIFICATE OF ANALYSIS WH12170286**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12170287**

Project: Klaza - 85

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12170287**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810111		4.16	<0.005	0.13	7.39	9.3	2700	1.45	0.15	2.24	0.22	42.2	3.9	12	10.30	3.1
N810112		6.87	0.023	0.39	7.23	37.2	1880	1.34	0.64	1.43	2.08	45.7	5.6	18	12.90	7.2
N810113		3.86	0.204	0.95	6.95	22.1	2230	1.53	1.44	2.21	1.06	39.7	4.7	14	11.50	19.3
N810114		5.07	0.007	0.27	7.29	13.6	2210	1.25	0.39	1.75	0.59	46.1	5.3	16	10.30	10.8
N810115		3.69	0.006	0.21	7.31	13.3	1620	1.57	0.27	1.53	1.05	48.8	5.0	12	12.35	6.2
N810116		4.68	<0.005	0.10	7.74	7.7	2260	1.72	0.11	2.36	0.12	57.6	5.6	19	12.25	3.7
N810117		4.21	0.244	13.40	7.33	63.6	5600	1.57	23.9	1.94	4.02	53.0	6.2	12	14.65	168.0
N810118		3.13	0.008	0.13	7.30	5.8	2390	1.61	0.20	2.56	0.10	46.9	5.8	16	9.54	5.7
N810119		1.85	<0.005	0.10	7.29	6.3	2370	1.56	0.16	2.55	0.13	41.6	5.5	12	9.55	14.4
N810120		4.02	0.217	21.1	7.33	101.5	1970	1.58	39.3	2.59	2.76	50.4	6.4	14	14.85	67.6
N810121		5.27	0.070	4.36	7.87	33.0	2080	1.94	7.70	2.08	2.53	54.7	6.1	13	16.40	27.1
N810122		7.58	<0.005	0.16	7.94	6.1	2170	1.78	0.24	3.05	0.12	55.1	3.7	15	11.65	4.3
N810123		0.21	0.914	9.31	7.01	1960	390	1.54	6.24	2.03	42.6	43.7	16.6	21	15.20	112.5
N810124		5.84	<0.005	0.18	7.30	12.5	1100	1.64	0.30	3.19	0.23	42.3	2.4	10	8.30	2.4
N810125		<0.02	<0.005	0.07	7.20	7.5	1060	1.63	0.17	3.15	0.13	43.0	2.4	12	8.18	2.3
N810126		3.74	<0.005	0.25	7.43	8.6	940	1.48	0.41	2.38	0.36	47.7	2.4	14	7.98	6.7
N810127		3.13	<0.005	0.09	7.29	8.1	900	1.30	0.16	2.74	0.08	41.1	3.1	13	7.73	5.3
N810128		7.44	<0.005	0.20	6.97	9.2	610	1.56	0.54	2.79	0.73	38.3	2.2	14	7.77	2.3
N810129		4.31	0.187	7.39	6.35	187.5	500	1.47	11.85	2.20	15.80	41.8	2.8	18	9.18	122.5
N810130		0.23	4.46	>100	5.32	8040	150	1.24	59.2	1.98	222	31.8	8.5	18	10.10	1230
N810131		10.65	<0.005	0.32	7.40	16.3	740	1.64	0.56	2.32	0.35	45.2	1.5	14	8.72	10.3
N810132		6.96	0.028	1.51	7.11	46.7	1690	1.43	2.38	1.22	2.22	41.9	1.9	20	7.35	25.7
N810133		4.46	0.123	0.98	6.53	190.0	940	1.33	1.52	1.68	4.53	36.9	3.3	14	6.55	10.0
N810134		5.98	0.230	13.60	5.24	429	100	1.23	24.5	1.37	17.25	30.3	5.0	26	15.40	145.5
N810135		8.56	0.571	27.2	4.11	1020	150	1.03	34.7	0.85	6.65	22.1	4.4	10	9.98	1125
N810136		2.44	<0.005	0.14	0.06	5	20	<0.05	0.11	21.0	0.09	0.98	0.6	3	0.28	4.9
N810137		6.89	0.482	34.7	4.62	1425	180	1.04	39.0	0.58	5.98	30.3	7.0	12	8.31	2370
N810138		2.90	<0.005	0.14	0.11	<5	40	0.10	0.10	19.30	0.06	1.13	0.6	1	0.18	6.2
N810139		4.90	0.129	1.91	6.26	248	390	1.32	2.84	1.14	1.87	45.3	5.9	9	14.10	36.0
N810140		5.61	0.005	0.28	7.51	14.4	2100	1.48	0.44	1.68	0.33	51.3	5.9	9	18.00	33.3
N810141		4.24	0.045	5.36	7.02	163.0	1260	1.24	1.36	2.44	11.00	49.3	6.5	10	21.4	153.0
N810142		7.89	<0.005	0.14	7.28	7.5	1900	1.44	0.21	2.35	0.19	43.5	4.1	20	13.00	3.7
N810143		11.61	0.006	0.24	6.93	16.9	2190	1.49	0.35	2.48	0.25	42.9	5.0	13	13.75	7.5
N810144		7.38	0.005	0.21	8.02	20.5	2250	1.29	0.19	2.07	0.71	47.9	5.1	14	13.15	7.9
N810145		4.67	0.036	0.51	7.20	101.0	2830	1.90	0.15	2.17	1.60	42.3	4.9	15	16.45	4.8
N810146		8.18	<0.005	0.08	7.75	6.1	2180	1.40	0.14	2.21	0.10	59.7	4.7	12	12.70	5.5





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Project: Klaza - 85

**CERTIFICATE OF ANALYSIS WH12170287**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810111		3.20	16.50	0.10	1.3	0.025	3.33	22.6	42.1	0.75	507	3.64	0.41	7.2	2.5	600
N810112		4.06	15.60	0.15	1.2	0.120	3.07	27.1	43.8	0.71	1330	2.83	0.07	6.4	2.3	570
N810113		2.70	17.30	0.13	1.5	0.069	3.34	19.8	49.5	0.65	732	4.34	0.10	7.2	2.7	590
N810114		3.24	16.70	0.14	1.5	0.039	3.14	24.6	33.9	0.76	451	3.63	0.17	8.0	2.6	620
N810115		4.33	15.00	0.16	1.4	0.130	2.91	29.2	70.9	0.71	1460	1.74	0.26	6.5	2.3	540
N810116		2.89	16.40	0.15	1.4	0.023	3.11	31.6	32.0	0.69	444	2.61	1.89	7.8	2.6	590
N810117		4.90	15.70	0.14	1.3	0.357	3.16	30.5	58.3	0.79	1740	2.19	0.13	6.7	2.5	570
N810118		2.87	15.45	0.15	1.4	0.030	3.22	24.5	12.5	0.74	527	3.70	1.73	7.3	2.6	590
N810119		2.86	14.90	0.11	1.4	0.031	3.17	22.2	12.3	0.75	540	2.40	1.60	7.1	2.8	580
N810120		4.66	15.50	0.14	1.3	0.235	2.93	28.7	24.0	0.82	1340	1.86	1.30	7.0	2.5	550
N810121		4.16	17.05	0.19	1.5	0.191	2.98	31.3	38.2	0.84	980	1.98	1.54	7.6	2.8	580
N810122		2.89	16.85	0.15	1.5	0.031	2.98	26.8	15.8	0.74	499	1.56	1.73	8.0	2.7	610
N810123		5.57	15.05	0.14	1.4	0.863	3.00	22.8	24.5	0.72	2110	12.45	0.26	7.1	15.6	530
N810124		1.92	17.20	0.12	1.2	0.052	1.90	19.6	149.0	0.75	600	0.90	0.12	6.9	2.1	610
N810125		1.92	17.25	0.11	1.3	0.057	1.86	19.5	142.0	0.74	593	1.32	0.12	6.9	2.1	610
N810126		1.90	15.65	0.12	1.0	0.103	2.40	20.5	86.7	0.88	892	1.28	0.08	5.6	2.1	540
N810127		1.97	16.40	0.11	1.4	0.046	1.58	18.2	40.3	0.58	539	1.12	0.06	7.5	2.3	620
N810128		2.16	16.30	0.15	1.3	0.146	2.05	14.3	64.3	0.59	936	0.91	0.06	6.5	1.9	580
N810129		4.27	14.25	0.12	1.0	0.514	2.47	18.8	84.6	0.98	1670	2.31	0.04	5.6	2.0	450
N810130		7.88	12.15	0.14	1.1	4.14	2.23	14.6	29.8	0.60	3000	14.10	0.08	5.0	12.9	460
N810131		2.47	15.80	0.12	1.2	0.244	2.25	20.0	184.0	0.82	1080	1.17	0.06	6.5	1.9	580
N810132		5.04	15.45	0.15	1.0	0.480	2.98	19.0	67.5	0.80	2120	1.89	0.05	5.5	1.7	430
N810133		4.24	13.95	0.14	0.9	0.310	2.98	16.7	26.1	0.80	1550	2.20	0.04	4.6	1.7	380
N810134		5.79	13.30	0.11	1.0	0.626	2.32	13.1	29.9	0.79	1880	18.00	0.03	4.8	7.1	430
N810135		7.58	10.90	0.10	0.6	0.595	1.75	10.4	29.9	0.42	1140	10.10	0.02	3.8	2.9	280
N810136		0.48	0.23	0.08	<0.1	<0.005	0.04	0.5	1.5	13.05	221	0.19	<0.01	0.1	2.2	180
N810137		8.50	12.05	0.14	0.7	1.070	2.15	14.1	19.7	0.34	886	13.95	0.02	4.0	3.6	340
N810138		0.44	0.23	0.10	<0.1	<0.005	0.03	0.5	1.2	12.00	202	0.19	0.01	0.2	1.7	170
N810139		4.47	13.45	0.13	0.9	0.293	2.75	26.2	18.8	0.56	1480	20.4	0.03	5.1	2.3	440
N810140		3.28	15.45	0.15	1.1	0.061	2.62	26.4	56.1	0.67	1040	2.57	0.06	7.2	2.3	590
N810141		4.35	14.25	0.15	0.9	0.262	3.05	25.6	17.3	0.94	2420	3.24	0.04	5.6	2.0	530
N810142		3.04	16.10	0.12	0.9	0.053	2.62	21.5	28.5	0.56	637	3.55	0.95	7.3	2.3	590
N810143		3.25	15.70	0.13	1.0	0.063	2.84	21.1	22.4	0.69	712	4.87	1.21	7.3	2.4	600
N810144		3.50	16.55	0.14	1.2	0.058	3.37	24.3	33.4	0.66	720	2.52	0.44	7.6	2.5	650
N810145		2.91	14.95	0.13	1.0	0.128	2.50	19.7	317	0.64	933	3.46	0.06	7.0	2.5	590
N810146		2.83	16.50	0.12	1.0	0.037	2.99	29.7	39.6	0.68	419	1.66	2.11	8.2	2.9	590



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**CERTIFICATE OF ANALYSIS WH12170287**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810111		18.2	112.5	0.005	0.07	7.01	9.6	1	1.7	143.0	0.61	<0.05	13.1	0.236	1.62	4.9
N810112		85.2	143.5	0.005	0.43	11.35	9.5	<1	2.5	78.6	0.54	0.05	12.6	0.221	2.12	4.2
N810113		83.7	113.5	0.003	0.17	13.05	9.1	1	2.1	103.5	0.63	<0.05	10.7	0.231	1.93	3.9
N810114		32.7	109.5	0.004	0.10	10.35	10.6	1	2.4	112.0	0.67	<0.05	12.8	0.260	1.47	3.0
N810115		86.6	154.0	0.002	0.20	10.25	9.3	<1	2.9	102.0	0.58	<0.05	14.1	0.214	2.03	2.9
N810116		17.1	118.0	0.005	0.03	4.20	10.5	<1	1.8	318	0.64	<0.05	14.7	0.251	1.28	4.4
N810117		105.5	139.0	0.005	0.49	28.6	9.5	1	3.0	121.5	0.57	0.06	14.2	0.222	2.12	4.3
N810118		16.6	115.0	0.004	0.06	3.44	9.6	1	1.8	293	0.64	<0.05	13.2	0.248	1.53	3.8
N810119		16.3	118.0	0.004	0.05	3.91	9.4	1	1.7	272	0.65	<0.05	12.7	0.242	1.47	4.1
N810120		116.0	125.5	0.005	1.05	7.09	9.5	1	3.1	259	0.58	0.14	14.2	0.228	1.64	4.4
N810121		57.1	131.0	0.006	0.31	6.87	10.6	1	2.7	264	0.61	0.05	14.7	0.241	1.66	4.5
N810122		18.4	112.0	0.002	0.03	4.62	10.3	1	2.0	301	0.74	0.06	14.6	0.253	1.45	4.7
N810123		1385	159.0	0.004	3.16	32.0	8.7	1	6.2	151.5	0.65	0.33	12.0	0.217	2.71	5.1
N810124		15.0	73.5	0.003	0.10	11.10	9.7	1	2.1	158.5	0.59	<0.05	11.4	0.223	1.62	3.9
N810125		10.7	70.1	<0.002	0.10	11.15	9.5	1	2.0	161.0	0.61	<0.05	11.1	0.223	1.68	3.9
N810126		19.6	140.0	0.004	0.15	12.60	9.3	1	2.3	75.1	0.47	0.05	13.8	0.189	2.27	4.0
N810127		12.4	61.0	0.003	0.09	14.20	9.6	1	2.0	79.6	0.64	<0.05	12.3	0.241	1.35	2.9
N810128		20.3	95.4	0.006	0.25	11.75	8.9	1	3.3	73.0	0.60	0.27	11.7	0.209	2.18	3.4
N810129		389	162.5	0.003	1.91	30.4	8.5	1	5.3	66.2	0.49	0.50	11.6	0.173	2.72	4.9
N810130		9330	123.5	0.004	6.90	201	6.8	1	8.6	115.5	0.43	0.44	8.1	0.178	2.13	4.9
N810131		19.9	117.5	0.003	0.21	14.60	9.7	1	2.8	101.5	0.58	0.07	13.0	0.211	2.56	5.0
N810132		80.4	198.5	0.004	0.74	13.10	8.0	1	5.2	42.7	0.56	0.18	17.9	0.157	3.03	3.7
N810133		79.3	205	0.004	2.08	9.10	6.8	1	5.6	41.8	0.50	0.10	16.1	0.138	3.11	4.4
N810134		273	151.0	0.006	3.08	83.1	6.9	1	5.4	89.6	0.41	0.20	8.3	0.153	2.57	4.5
N810135		448	116.5	0.005	6.48	375	5.3	1	8.3	70.4	0.32	0.26	6.1	0.124	1.91	4.3
N810136		2.8	2.0	0.003	0.01	1.49	0.2	1	0.3	42.8	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N810137		388	148.5	0.006	8.18	550	6.0	1	8.5	80.4	0.34	0.29	7.7	0.135	2.24	4.7
N810138		2.9	1.5	0.004	0.02	1.64	0.2	1	0.3	41.4	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N810139		107.0	179.0	0.007	2.58	31.1	7.7	1	4.8	50.9	0.46	0.10	11.1	0.180	2.74	8.4
N810140		17.6	117.5	0.007	0.29	19.75	10.0	1	2.8	88.7	0.62	0.06	12.4	0.241	2.08	2.5
N810141		1875	172.0	0.004	0.85	43.5	9.1	<1	4.3	64.3	0.45	0.12	11.5	0.194	3.09	3.7
N810142		15.0	97.6	0.005	0.10	8.87	9.3	1	2.3	214	0.52	<0.05	9.5	0.242	1.48	2.9
N810143		25.9	94.1	0.004	0.15	6.41	9.8	1	2.7	249	0.58	<0.05	10.5	0.254	1.48	2.9
N810144		39.7	115.0	0.002	0.12	8.76	10.0	1	3.0	147.5	0.60	<0.05	11.3	0.272	1.65	3.4
N810145		42.6	88.0	0.003	0.55	24.8	9.0	1	2.7	143.5	0.55	<0.05	10.2	0.238	1.70	3.4
N810146		16.9	115.5	<0.002	0.03	5.92	10.5	1	2.1	334	0.61	<0.05	14.4	0.242	1.06	4.3



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Finalized Date: 9-AUG-2012  
Account: ROCKHA

Project: Klaza - 85

**CERTIFICATE OF ANALYSIS WH12170287**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810111		69	3.4	13.4	56	36.7		
N810112		66	7.6	12.2	220	31.2		
N810113		71	4.7	11.9	122	39.3		
N810114		73	6.2	14.3	78	38.8		
N810115		61	5.5	13.9	158	32.6		
N810116		70	2.1	15.5	40	38.3		
N810117		64	5.1	13.4	362	34.6		
N810118		69	2.6	13.6	42	34.5		
N810119		67	2.5	13.0	43	33.9		
N810120		62	3.6	14.0	243	35.9		
N810121		66	3.9	15.7	235	39.1		
N810122		70	1.5	16.0	44	41.4		
N810123		61	5.4	10.8	3200	40.2		
N810124		72	2.3	12.5	48	33.2		
N810125		71	2.2	12.7	49	34.6		
N810126		59	2.8	10.8	65	26.9		
N810127		73	2.8	13.1	36	38.0		
N810128		77	2.6	12.2	91	31.0		
N810129		59	4.7	9.4	1290	24.3		
N810130		51	4.4	8.3	>10000	30.3	115	1.595
N810131		65	2.5	12.5	76	28.1		
N810132		48	5.5	7.1	252	22.3		
N810133		48	4.3	7.8	369	23.6		
N810134		53	6.2	6.0	1450	25.8		
N810135		38	5.8	6.7	507	15.3		
N810136		3	0.1	0.7	16	<0.5		
N810137		43	5.8	7.3	535	16.5		
N810138		3	0.1	0.7	14	<0.5		
N810139		57	4.7	8.4	179	22.6		
N810140		70	5.1	13.2	74	25.2		
N810141		61	6.2	10.4	957	19.1		
N810142		68	3.3	12.9	49	22.8		
N810143		73	3.3	13.3	61	24.0		
N810144		74	3.3	14.0	94	26.8		
N810145		65	5.0	12.3	168	23.4		
N810146		67	2.4	16.8	39	29.5		



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Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12170287**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12170288**

Project: Klaza - 86

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

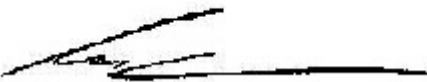
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12170288**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810147		0.24	0.739	9.87	6.75	1570	760	1.61	5.84	1.90	42.1	45.5	16.9	21	16.35	110.0
N810148		6.70	<0.005	0.11	7.46	7.1	2150	1.65	0.12	2.73	0.23	43.5	4.5	12	12.35	2.8
N810149		3.98	0.129	2.72	7.87	83.8	1910	1.46	2.87	1.96	5.95	54.0	12.6	12	15.50	16.0
N810150		12.13	<0.005	0.12	7.39	7.6	2010	1.56	0.14	2.46	0.21	41.0	3.8	18	12.20	3.7
N810151		7.13	0.006	0.54	7.07	31.5	1070	1.59	0.18	2.34	1.72	36.6	3.0	17	8.80	10.0
N810152		4.72	<0.005	0.10	7.66	13.0	1050	1.70	0.15	1.49	0.16	53.7	2.1	12	13.40	2.9
N810153		6.28	<0.005	0.14	7.48	15.6	1280	1.99	0.24	1.68	0.15	48.3	2.3	16	14.65	7.5
N810154		3.72	<0.005	0.10	8.05	7.6	970	1.31	0.17	1.22	0.10	54.1	2.1	12	11.10	3.6
N810155		0.24	2.29	25.2	5.93	2980	1050	1.33	18.75	2.16	77.0	42.6	10.4	19	13.35	435
N810156		12.03	0.037	0.85	7.26	47.1	1810	1.17	0.35	2.03	0.99	46.2	7.3	14	12.15	118.0
N810157		5.55	0.010	0.30	8.38	18.0	2270	1.20	0.22	1.45	0.16	47.2	5.9	10	9.38	77.3
N810158		2.62	0.008	0.41	8.16	17.9	2260	1.33	0.18	1.40	0.18	46.3	6.0	11	9.36	125.5
N810159		7.18	0.089	1.35	7.20	179.5	1420	1.63	1.82	2.01	4.52	51.4	6.6	11	13.05	28.3
N810160		7.03	0.031	0.52	7.62	105.0	720	1.89	0.53	1.97	0.78	45.9	1.7	19	9.88	26.4
N810161		5.19	0.677	16.55	6.80	563	150	1.40	29.8	2.05	5.78	47.6	3.8	12	10.40	491
N810162		2.79	<0.005	0.04	0.13	5	40	0.08	0.04	20.8	0.09	1.54	0.7	1	0.24	3.0
N810163		5.02	0.014	0.20	7.12	24.8	1380	1.47	0.30	2.99	0.15	40.5	3.5	15	15.10	33.6
N810164		6.89	0.252	9.04	6.20	290	760	1.22	16.65	2.22	1.05	40.7	7.3	17	12.10	39.1
N810165		6.02	0.005	0.47	7.41	22.8	770	1.38	0.81	2.33	1.16	35.8	3.0	12	8.91	31.7
N810166		4.60	0.015	1.29	7.38	47.0	1000	1.72	1.78	1.84	7.77	50.6	4.7	17	11.25	47.3
N810167		11.13	<0.005	0.22	6.96	7.4	670	1.62	0.26	3.39	0.49	35.0	2.2	10	9.57	2.1
N810168		<0.02	<0.005	0.17	7.33	7.8	760	1.74	0.20	3.41	0.47	36.7	2.5	13	10.25	2.7
N810169		5.16	0.015	0.83	6.35	8.9	580	1.67	0.79	3.79	2.71	31.8	2.0	18	8.63	6.1
N810170		5.84	0.021	0.38	6.87	28.6	2030	1.62	0.20	4.60	1.00	46.6	2.6	8	22.3	6.4
N810171		4.79	0.689	8.30	6.24	1040	110	1.53	10.10	1.57	11.35	46.6	5.5	12	16.95	266
N810172		3.51	<0.005	0.04	0.13	<5	30	<0.05	0.02	20.8	0.10	1.31	0.7	2	0.43	1.6
N810173		7.02	0.008	0.52	6.57	39.1	1520	1.35	0.17	2.81	2.90	37.0	6.6	13	15.80	18.3
N810174		5.40	0.010	0.26	6.35	16.8	1060	1.40	0.23	3.44	0.61	35.2	4.0	12	13.90	19.0
N810175		10.46	<0.005	0.17	6.95	8.4	1120	1.58	0.13	3.24	0.31	39.9	2.9	15	12.20	47.5
N810176		5.19	0.008	0.71	6.70	6.0	650	1.38	0.76	4.34	0.29	42.5	2.0	12	7.69	4.5
N810177		11.96	<0.005	0.10	7.31	7.3	1380	1.48	0.13	2.73	0.11	41.8	3.6	12	13.45	6.9
N810178		10.75	<0.005	0.12	6.91	7.9	1040	1.51	0.13	3.03	0.46	37.6	3.3	12	13.60	2.9
N810179		3.77	<0.005	0.13	6.66	7.7	1350	1.78	0.20	2.90	0.63	41.6	1.8	13	15.30	3.4
N810180		9.85	<0.005	0.16	6.73	10.2	810	1.53	0.22	3.15	0.20	32.8	2.6	10	14.95	6.6
N810181		5.92	<0.005	0.17	6.61	8.3	680	1.49	0.25	3.40	0.20	31.8	2.0	13	11.70	2.4
N810182		10.90	<0.005	0.19	6.77	9.6	590	1.25	0.42	4.30	0.23	31.8	2.1	11	10.40	8.4



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Plus Appendix Pages  
Finalized Date: 12-AUG-2012  
Account: ROCKHA

Project: Klaza - 86

**CERTIFICATE OF ANALYSIS WH12170288**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810147		5.22	14.60	0.17	1.2	0.884	2.79	26.1	27.4	0.68	1990	12.65	0.26	7.2	16.8	490
N810148		2.94	14.85	0.17	1.0	0.048	2.84	19.9	16.7	0.72	444	1.78	2.40	7.2	3.0	580
N810149		4.14	15.05	0.18	1.0	0.096	2.76	27.1	61.5	0.64	899	1.77	0.46	7.0	2.8	570
N810150		3.32	14.75	0.19	1.0	0.049	2.60	19.0	18.9	0.71	586	1.30	1.85	6.9	3.5	570
N810151		2.45	15.30	0.15	1.0	0.070	1.91	14.3	151.5	0.66	682	1.26	0.42	6.0	3.2	560
N810152		2.25	15.80	0.16	1.0	0.075	1.93	25.8	293	0.56	670	0.76	0.06	6.8	2.6	580
N810153		2.38	16.10	0.17	0.9	0.111	1.86	21.1	307	0.57	763	0.96	0.08	6.9	3.1	590
N810154		2.29	15.60	0.17	0.9	0.071	1.87	26.1	59.5	0.42	584	1.37	0.07	6.6	2.1	610
N810155		6.56	13.25	0.15	0.8	1.645	2.58	24.1	24.9	0.87	1870	12.30	0.04	5.3	15.2	430
N810156		2.84	15.00	0.17	0.9	0.076	2.40	23.0	33.3	0.70	1400	2.14	0.07	7.4	2.9	590
N810157		2.91	16.15	0.15	1.0	0.067	2.24	24.4	41.8	0.54	748	1.32	0.07	7.6	2.7	640
N810158		2.90	16.45	0.19	0.9	0.067	2.20	23.3	41.0	0.52	726	1.87	0.07	7.8	2.7	630
N810159		4.68	14.35	0.18	0.9	0.288	2.94	25.7	34.9	0.81	2370	6.91	0.05	6.3	3.2	520
N810160		2.79	15.50	0.17	0.9	0.201	2.68	19.4	199.5	0.73	1370	1.16	0.07	6.7	2.5	580
N810161		6.91	15.80	0.13	1.0	0.463	2.94	20.5	14.3	0.72	1800	1.00	0.12	6.0	2.7	490
N810162		0.50	0.34	0.12	<0.1	0.006	0.04	0.7	2.6	12.65	226	0.43	0.01	0.2	1.6	160
N810163		2.76	14.40	0.19	0.9	0.082	2.46	17.6	31.0	0.73	974	1.05	0.97	6.7	3.0	570
N810164		3.54	13.00	0.20	0.8	0.198	2.40	19.4	49.3	0.79	1420	3.72	0.05	5.4	2.6	430
N810165		2.61	16.00	0.15	1.1	0.272	1.80	12.5	48.1	0.61	901	0.73	0.53	7.5	2.1	610
N810166		4.91	15.45	0.17	0.9	0.345	2.38	24.5	98.0	0.79	2000	1.25	0.61	6.2	2.7	510
N810167		1.86	15.15	0.13	1.0	0.116	0.94	13.4	16.1	0.66	536	0.66	2.78	7.4	2.2	610
N810168		2.02	15.55	0.14	1.0	0.108	1.07	14.0	19.2	0.68	550	1.13	2.72	7.8	2.5	610
N810169		1.62	15.30	0.17	0.9	0.214	1.65	9.7	56.7	0.49	868	1.10	1.70	6.1	1.6	580
N810170		2.17	14.20	0.21	0.9	0.082	2.17	20.1	156.0	1.18	1720	0.60	0.10	6.7	2.5	520
N810171		7.85	15.00	0.15	0.8	0.462	2.51	21.1	33.3	0.65	2600	1.69	0.04	6.0	2.8	460
N810172		0.47	0.34	0.17	<0.1	0.006	0.05	0.6	2.1	12.70	214	0.13	0.01	0.2	2.3	170
N810173		2.46	14.45	0.17	0.8	0.056	2.18	15.9	73.8	0.58	583	1.88	1.24	6.7	2.5	550
N810174		1.73	13.85	0.16	0.7	0.086	1.57	12.5	111.5	0.65	875	0.97	1.30	6.3	2.2	530
N810175		2.23	15.00	0.18	0.8	0.068	1.39	16.3	26.9	0.72	542	1.45	2.34	7.1	2.9	560
N810176		1.50	14.30	0.19	0.7	0.178	1.25	14.2	20.4	0.87	843	0.87	1.09	5.6	1.4	860
N810177		2.31	15.15	0.20	0.8	0.049	1.67	20.3	23.4	0.73	478	1.33	2.64	7.0	2.5	560
N810178		2.26	15.25	0.17	0.7	0.046	1.26	13.9	29.7	0.67	571	0.83	2.63	7.0	2.6	560
N810179		1.74	14.90	0.19	0.8	0.081	1.43	13.9	316	0.52	655	0.73	0.19	6.8	1.8	610
N810180		2.42	15.60	0.16	0.8	0.061	1.24	11.7	37.4	0.62	498	1.02	1.15	7.3	2.4	570
N810181		1.81	14.30	0.15	0.8	0.102	0.91	10.6	27.6	0.64	546	0.74	2.13	6.7	2.0	580
N810182		1.73	14.75	0.10	0.8	0.143	1.34	11.8	48.6	0.64	830	0.56	0.51	6.5	1.8	570



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Project: Klaza - 86

**CERTIFICATE OF ANALYSIS WH12170288**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810147		1325	171.5	0.004	3.07	32.5	9.2	1	6.2	150.5	0.57	0.30	11.4	0.202	2.57	4.9
N810148		18.8	93.0	<0.002	0.04	2.10	10.0	1	2.3	376	0.59	<0.05	11.3	0.246	1.09	3.3
N810149		350	122.0	0.002	1.24	14.80	10.5	1	2.9	153.5	0.61	0.54	14.7	0.238	1.46	4.7
N810150		20.0	84.3	0.003	0.07	3.31	9.8	<1	2.3	334	0.61	<0.05	10.9	0.238	1.18	3.3
N810151		58.2	74.7	0.003	0.18	14.85	9.7	1	2.2	132.0	0.50	<0.05	11.3	0.197	1.39	2.9
N810152		8.2	92.7	<0.002	0.12	28.0	9.9	1	2.1	103.0	0.60	<0.05	15.9	0.211	1.48	4.5
N810153		7.9	85.5	0.003	0.22	23.2	11.2	1	2.3	128.5	0.56	<0.05	12.7	0.220	1.46	2.4
N810154		8.6	87.8	<0.002	0.07	28.5	10.3	1	2.5	61.0	0.52	<0.05	13.3	0.242	1.26	2.2
N810155		2790	154.5	0.002	4.72	84.4	8.3	1	7.7	91.1	0.43	0.35	10.2	0.175	2.39	4.8
N810156		38.3	95.4	<0.002	0.45	31.0	11.0	1	3.2	86.1	0.61	<0.05	11.9	0.240	1.65	2.7
N810157		11.3	101.0	<0.002	0.20	18.10	11.3	1	2.7	81.0	0.65	<0.05	13.2	0.260	1.31	2.1
N810158		11.6	98.7	<0.002	0.18	22.5	11.6	1	3.0	78.8	0.65	<0.05	13.0	0.260	1.23	2.0
N810159		152.0	194.0	0.002	1.52	12.35	10.3	1	3.8	76.4	0.58	<0.05	13.3	0.204	2.73	4.8
N810160		35.7	177.5	0.004	1.06	16.50	11.1	1	3.4	106.0	0.61	<0.05	14.0	0.215	2.63	4.6
N810161		340	195.0	<0.002	5.15	26.4	9.2	<1	5.4	67.8	0.51	0.29	11.8	0.195	2.97	4.3
N810162		2.9	2.5	0.002	0.02	0.20	0.3	<1	0.2	49.8	<0.05	<0.05	0.3	<0.005	0.03	0.5
N810163		13.2	124.0	<0.002	0.27	10.75	9.5	1	2.1	208	0.60	<0.05	10.4	0.217	2.10	3.3
N810164		87.6	146.0	0.003	1.77	26.1	8.9	1	2.8	76.7	0.49	0.46	12.2	0.172	2.36	5.0
N810165		20.9	82.9	<0.002	0.30	15.75	10.9	1	3.2	127.5	0.69	0.05	13.0	0.233	1.58	3.1
N810166		71.9	148.0	<0.002	0.62	7.24	10.5	1	4.2	137.0	0.53	0.06	13.9	0.196	2.19	5.0
N810167		42.7	35.7	<0.002	0.07	3.93	10.0	1	3.1	420	0.67	0.05	9.7	0.249	0.86	2.7
N810168		40.0	40.9	<0.002	0.06	4.47	10.3	1	3.2	417	0.69	0.06	10.4	0.262	0.89	2.7
N810169		74.5	65.5	<0.002	0.16	5.02	9.2	<1	2.8	235	0.54	0.26	8.5	0.196	1.86	2.5
N810170		101.5	110.5	<0.002	0.27	10.85	10.0	1	2.6	184.0	0.56	<0.05	12.5	0.213	2.42	3.8
N810171		734	158.0	<0.002	6.00	81.0	9.2	1	5.3	69.0	0.44	0.11	9.2	0.194	2.70	3.8
N810172		2.8	2.7	<0.002	0.02	0.15	0.4	<1	0.2	42.2	<0.05	<0.05	0.2	0.005	0.03	0.5
N810173		69.2	77.3	<0.002	0.21	14.05	8.8	2	2.1	262	0.54	<0.05	8.0	0.230	1.54	2.4
N810174		29.9	59.6	<0.002	0.16	14.75	8.6	<1	2.2	258	0.50	<0.05	7.7	0.219	1.60	2.1
N810175		20.7	47.8	<0.002	0.04	6.98	9.9	1	2.3	371	0.54	<0.05	9.2	0.241	0.89	2.4
N810176		39.6	53.5	0.004	0.12	3.69	8.7	1	2.6	218	0.42	0.28	10.0	0.196	1.24	2.0
N810177		16.1	64.9	<0.002	0.02	2.93	10.7	1	2.5	428	0.49	<0.05	9.8	0.235	0.82	2.4
N810178		21.7	49.3	0.003	0.05	3.21	10.3	1	2.6	414	0.52	<0.05	8.4	0.229	0.78	2.3
N810179		17.0	59.9	<0.002	0.06	23.4	10.1	1	2.8	135.0	0.54	<0.05	10.4	0.224	1.35	2.0
N810180		18.1	37.6	0.003	0.05	8.08	9.9	1	3.3	229	0.57	<0.05	7.9	0.244	0.90	2.0
N810181		15.9	28.5	0.003	0.07	4.42	9.0	1	2.6	344	0.55	<0.05	7.5	0.227	0.73	1.9
N810182		10.9	46.0	0.002	0.14	12.00	8.4	<1	2.5	164.0	0.50	0.14	9.3	0.245	1.24	2.5





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Project: Klaza - 86

**CERTIFICATE OF ANALYSIS WH12170288**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N810147		57	5.3	10.8	3010	39.1
N810148		68	1.9	14.4	41	27.5
N810149		66	6.1	14.9	557	27.3
N810150		68	1.7	13.1	50	27.5
N810151		70	1.9	11.1	156	27.3
N810152		68	2.4	13.0	49	27.9
N810153		75	2.8	12.7	51	26.5
N810154		69	2.7	13.6	42	27.9
N810155		56	5.1	9.3	5460	24.7
N810156		72	5.0	13.7	115	25.6
N810157		74	6.5	14.2	45	27.8
N810158		73	6.8	14.4	47	27.9
N810159		63	4.7	11.1	395	24.7
N810160		67	3.4	10.7	95	27.1
N810161		61	3.4	10.4	498	23.9
N810162		2	0.2	0.8	18	0.7
N810163		64	1.8	11.3	48	27.4
N810164		59	2.7	9.9	109	21.9
N810165		92	1.8	12.6	130	27.3
N810166		66	4.3	10.6	639	25.7
N810167		89	1.0	12.5	74	27.5
N810168		90	1.2	12.6	70	27.9
N810169		56	1.3	10.2	226	26.2
N810170		72	2.6	15.1	130	26.5
N810171		60	5.9	10.4	1060	19.5
N810172		3	0.1	0.8	16	<0.5
N810173		65	3.5	11.1	166	21.5
N810174		62	3.8	10.1	68	19.6
N810175		72	2.4	12.3	52	22.1
N810176		55	2.7	13.4	56	18.7
N810177		68	1.4	13.7	39	22.9
N810178		65	1.3	13.1	59	23.5
N810179		72	2.5	12.9	80	21.1
N810180		84	3.3	12.4	52	23.0
N810181		66	1.2	10.9	46	22.4
N810182		70	1.4	12.1	61	19.2



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**CERTIFICATE OF ANALYSIS WH12170288**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12170289**

Project: Klaza-51

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12170289**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813501		8.22	<0.005	0.11	7.23	9.7	2480	1.33	0.28	3.40	0.09	42.4	5.7	8	9.93	15.0
N813502		12.33	0.007	0.11	7.29	19.9	2110	1.47	0.37	3.08	0.08	53.1	5.3	7	10.65	4.8
N813503		4.35	0.026	0.40	7.46	21.1	1980	1.44	0.54	1.86	0.10	76.4	7.6	8	10.80	31.0
N813504		8.90	0.013	0.60	7.21	31.2	1790	1.34	0.91	1.79	3.17	71.2	7.4	7	13.70	13.1
N813505		7.72	<0.005	0.14	6.63	13.8	2100	1.35	0.22	2.54	0.20	50.5	3.8	7	13.40	4.0
N813506		0.26	4.27	>100	5.43	7630	420	1.02	61.8	1.95	227	34.4	8.3	18	11.00	1250
N813507		8.19	<0.005	0.22	7.09	16.9	2110	1.53	0.20	2.29	0.36	53.0	4.2	7	13.35	4.0
N813508		3.72	<0.005	0.35	7.43	20.8	1510	1.44	0.35	1.49	5.29	56.5	4.0	7	13.70	5.1
N813509		5.69	0.007	0.61	7.16	18.5	1820	1.36	0.27	1.59	9.92	65.6	4.1	6	11.70	6.7
N813510		7.39	0.085	1.02	7.18	59.4	1790	1.56	0.93	1.71	20.5	48.1	9.3	6	11.90	26.5
N813511		6.26	0.008	0.22	7.40	15.8	1930	1.23	0.25	1.67	1.58	43.1	4.6	7	11.50	4.3
N813512		4.06	0.036	0.51	7.11	27.5	1710	1.21	0.70	1.39	0.73	45.8	4.8	7	14.25	6.4
N813513		4.29	<0.005	0.25	7.08	17.1	1760	1.57	0.29	1.64	1.33	48.9	5.5	7	14.65	36.1
N813514		5.07	2.07	27.9	6.15	1195	350	1.25	51.3	0.61	159.0	47.4	9.8	6	7.77	389
N813515		3.28	<0.005	0.02	0.13	<5	30	0.05	0.04	20.4	0.13	1.22	1.6	3	0.34	2.1
N813516		4.86	0.241	0.90	7.59	42.1	1860	1.56	0.95	1.85	4.83	74.7	11.6	8	12.00	35.3
N813517		10.47	0.083	0.34	7.85	128.0	1910	1.71	0.46	1.47	0.42	44.0	5.5	8	21.2	22.5
N813518		7.63	<0.005	0.32	8.06	21.6	1840	1.76	0.38	1.96	0.14	59.6	5.9	8	12.85	43.6
N813519		0.26	4.47	>100	6.04	9160	160	1.04	54.9	2.05	241	28.7	9.6	19	10.55	1375
N813520		5.69	0.009	0.42	7.61	28.6	2810	1.59	0.49	2.90	0.47	54.6	5.4	8	12.25	27.2
N813521		2.93	0.421	1.03	8.01	771	3170	1.58	0.63	2.31	2.03	64.8	9.9	9	12.70	41.5
N813522		4.34	0.008	0.10	8.48	24.3	1100	1.74	0.18	1.72	0.19	45.2	6.1	9	11.80	22.8
N813523		8.95	0.413	3.27	6.28	339	410	1.25	3.82	1.80	27.4	41.7	5.9	11	11.95	57.2
N813524		2.13	<0.005	0.04	0.13	5	30	0.09	0.02	20.4	0.12	1.31	1.5	2	0.31	1.7
N813525		6.01	0.025	0.71	7.93	73.3	1640	1.60	0.63	2.71	1.44	55.5	7.1	8	14.50	31.9
N813526		4.36	0.029	0.36	8.09	83.6	3780	1.55	0.43	4.93	1.01	52.7	5.8	8	12.95	23.7
N813527		5.58	<0.005	0.14	7.48	18.0	2170	1.58	0.23	2.58	0.17	45.6	6.3	7	12.25	15.4
N813528		2.45	0.005	0.16	7.80	24.2	2330	1.63	0.27	2.59	0.17	46.2	5.7	8	12.35	17.4
N813529		5.14	0.388	1.12	7.81	1280	1610	1.56	0.58	4.24	5.14	48.5	5.3	7	15.85	26.9
N813530		12.17	0.013	0.49	7.13	35.4	2330	1.45	0.30	2.34	1.61	43.1	7.4	8	10.40	44.0
N813531		9.35	0.017	0.94	8.02	51.7	2370	1.69	0.37	2.20	5.95	48.4	5.9	8	15.30	35.1
N813532		<0.02	0.017	0.85	7.72	48.6	2280	1.69	0.37	2.06	5.88	47.9	6.4	8	15.30	27.2
N813533		7.00	<0.005	0.11	7.81	10.5	2350	1.72	0.14	2.33	0.13	49.6	7.0	8	11.50	5.3
N813534		3.66	0.008	1.68	8.16	42.2	710	1.56	0.32	1.36	5.65	62.7	6.0	8	14.75	11.8
N813535		11.56	0.007	0.47	7.92	56.7	2000	1.84	0.22	2.19	2.52	60.7	7.6	9	13.70	8.3
N813536		4.24	0.625	4.00	7.81	678	250	1.46	2.53	0.96	27.8	55.9	12.7	8	11.10	91.7



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Finalized Date: 10-AUG-2012  
Account: ROCKHA

Project: Klaza-51

**CERTIFICATE OF ANALYSIS WH12170289**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813501		3.17	15.25	0.13	1.4	0.065	2.88	22.0	45.8	0.77	805	1.54	0.11	6.9	2.9	650
N813502		3.68	15.15	0.14	1.3	0.051	2.52	30.0	36.9	0.76	807	1.12	0.72	6.6	2.8	570
N813503		3.81	15.95	0.15	1.2	0.066	2.65	50.4	138.5	0.72	1060	1.63	0.05	6.6	4.4	610
N813504		4.10	14.40	0.13	1.3	0.122	2.90	44.3	68.9	0.67	1090	1.32	0.09	6.2	2.8	580
N813505		2.73	14.50	0.12	1.6	0.040	2.85	27.9	24.3	0.61	538	1.27	1.14	6.4	2.2	480
N813506		8.25	11.60	0.10	1.1	4.50	2.22	16.3	29.8	0.62	3090	13.65	0.08	4.8	13.8	460
N813507		2.97	15.75	0.13	1.5	0.035	2.94	27.8	21.6	0.53	513	1.45	0.66	7.4	2.3	580
N813508		3.53	15.35	0.10	1.5	0.104	2.60	30.7	191.0	0.66	1170	1.24	0.05	6.7	2.5	600
N813509		2.42	14.40	0.11	1.4	0.123	2.93	37.6	107.5	0.62	909	3.70	0.06	5.7	2.7	540
N813510		2.96	14.95	0.10	1.3	0.714	2.80	25.8	98.8	0.70	1080	1.74	0.05	5.9	3.3	550
N813511		2.89	14.85	0.12	1.6	0.052	2.88	20.5	42.2	0.50	675	1.10	0.08	6.8	2.5	610
N813512		2.74	14.10	0.09	1.6	0.042	2.33	24.2	97.8	0.52	808	1.59	0.06	6.7	2.5	610
N813513		3.20	15.95	0.13	1.6	0.084	2.74	24.3	82.2	0.66	1170	1.38	0.05	7.1	2.6	580
N813514		7.38	15.55	0.13	1.3	3.22	2.96	26.3	11.2	0.46	1200	6.35	0.03	5.6	3.1	460
N813515		0.48	0.43	0.21	<0.1	0.005	0.05	0.6	1.6	12.25	226	0.12	0.01	0.3	2.5	190
N813516		3.52	16.55	0.16	1.3	0.166	3.25	47.6	47.5	0.81	1440	1.84	0.05	7.1	3.2	570
N813517		3.01	16.95	0.11	1.5	0.073	2.34	23.3	121.0	0.46	901	2.11	0.04	7.6	2.2	600
N813518		3.00	17.00	0.15	1.4	0.069	2.74	35.5	152.0	0.79	1060	1.39	0.04	5.7	2.5	590
N813519		8.58	12.55	0.09	1.1	4.52	2.47	14.5	31.3	0.65	3270	14.65	0.09	5.5	13.6	490
N813520		3.04	16.25	0.13	1.3	0.084	2.89	31.2	93.1	0.88	1180	1.46	0.04	5.6	2.4	590
N813521		3.06	16.30	0.12	1.4	0.052	2.76	39.9	109.5	0.83	1240	4.36	0.04	5.7	2.6	550
N813522		2.74	17.30	0.09	1.5	0.034	1.76	24.4	430	0.58	843	1.43	0.02	8.0	2.4	680
N813523		4.67	12.90	0.10	1.2	0.785	2.62	23.8	37.9	0.57	1860	10.40	0.03	5.6	2.9	400
N813524		0.50	0.45	0.20	<0.1	0.005	0.06	0.7	1.5	12.85	234	0.14	0.01	0.4	1.8	230
N813525		3.30	17.10	0.12	1.4	0.081	3.21	30.6	89.5	1.01	1570	2.90	0.04	7.3	2.3	610
N813526		3.78	16.20	0.11	1.2	0.088	2.78	29.8	91.7	1.72	3420	1.50	0.04	6.3	2.1	620
N813527		3.14	16.60	0.14	1.4	0.047	3.01	23.4	40.2	0.74	654	1.41	0.92	7.3	2.3	630
N813528		3.36	16.95	0.14	1.4	0.057	3.18	24.1	35.8	0.77	722	1.01	0.80	7.2	2.4	640
N813529		4.35	15.45	0.12	1.3	0.153	3.06	28.3	39.2	1.46	3460	2.52	0.04	6.2	2.1	550
N813530		2.89	16.10	0.10	1.5	0.092	2.62	22.2	56.4	0.54	919	0.82	0.06	6.8	2.2	550
N813531		3.78	17.15	0.13	1.3	0.194	3.10	26.7	67.1	0.87	1160	3.13	0.06	6.6	2.5	630
N813532		3.59	17.00	0.14	1.3	0.192	3.00	26.6	67.1	0.81	1100	1.98	0.05	6.7	2.5	590
N813533		3.38	16.50	0.14	1.4	0.026	3.02	26.7	35.4	0.75	468	0.76	0.41	7.3	2.1	640
N813534		5.01	16.95	0.14	1.4	0.149	3.15	36.5	32.9	0.64	745	0.76	0.05	6.8	2.4	610
N813535		3.57	17.15	0.15	1.5	0.112	3.43	34.0	40.1	0.69	1060	0.91	0.50	7.1	2.1	610
N813536		6.77	15.80	0.15	1.2	0.715	3.34	32.2	10.5	0.55	919	1.49	0.03	5.8	2.3	570



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**CERTIFICATE OF ANALYSIS WH12170289**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813501		16.7	92.3	<0.002	0.27	8.99	9.7	<1	2.0	134.5	0.57	<0.05	10.6	0.246	1.60	2.9
N813502		13.3	110.0	0.002	0.27	9.87	10.1	<1	2.0	189.0	0.58	<0.05	14.2	0.218	1.56	4.7
N813503		10.2	127.5	<0.002	0.66	31.1	11.7	1	2.3	102.5	0.51	0.15	12.4	0.229	1.93	4.1
N813504		130.5	144.0	<0.002	0.91	10.75	10.2	<1	2.1	120.5	0.55	<0.05	14.4	0.213	1.85	4.4
N813505		24.2	106.0	0.002	0.14	4.81	8.1	<1	1.7	214	0.69	<0.05	13.5	0.199	1.58	4.2
N813506		9560	136.0	0.002	7.10	215	7.2	<1	8.3	120.5	0.42	0.43	8.8	0.182	2.26	5.3
N813507		24.3	110.5	0.002	0.09	9.27	9.8	<1	1.7	165.0	0.70	<0.05	11.2	0.236	1.52	3.7
N813508		153.0	122.5	<0.002	0.35	15.90	10.9	<1	2.0	98.7	0.56	<0.05	13.4	0.237	2.07	4.7
N813509		280	151.0	0.002	0.38	21.1	9.5	<1	1.8	71.4	0.55	<0.05	14.6	0.191	2.57	6.5
N813510		96.4	155.0	0.002	0.87	19.70	10.0	<1	2.2	61.0	0.51	<0.05	13.8	0.195	2.27	5.3
N813511		69.3	104.5	0.004	0.13	12.90	9.7	<1	1.7	82.6	0.60	<0.05	11.8	0.252	1.61	3.6
N813512		51.4	95.7	0.003	0.21	27.5	9.9	<1	1.5	109.5	0.62	<0.05	12.9	0.237	1.56	5.4
N813513		83.4	128.0	<0.002	0.18	21.5	10.4	<1	1.8	116.5	0.62	<0.05	13.3	0.223	2.24	5.0
N813514		1105	200	0.002	6.50	53.2	9.1	<1	6.4	19.9	0.51	0.80	13.0	0.176	3.24	5.5
N813515		2.0	2.5	<0.002	0.01	0.14	0.5	1	<0.2	44.7	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N813516		74.5	175.5	<0.002	0.71	11.55	10.7	1	1.6	87.9	0.61	0.06	14.9	0.201	2.41	5.1
N813517		25.5	109.5	<0.002	0.33	24.0	11.4	1	1.3	101.5	0.65	<0.05	12.4	0.228	1.50	5.2
N813518		8.2	153.5	<0.002	0.37	23.6	11.4	1	1.0	90.5	0.54	<0.05	14.0	0.184	2.03	4.0
N813519		>10000	130.0	<0.002	7.56	233	7.4	2	8.1	125.0	0.45	0.42	7.5	0.189	2.05	4.8
N813520		28.7	152.0	<0.002	0.47	17.10	11.0	1	1.0	115.5	0.49	<0.05	12.4	0.180	2.25	5.2
N813521		60.0	162.5	<0.002	0.65	38.4	10.8	1	1.3	103.5	0.55	0.17	14.5	0.180	1.99	5.9
N813522		11.1	87.7	<0.002	0.21	36.1	12.0	1	1.0	193.5	0.67	<0.05	13.1	0.262	1.39	4.7
N813523		486	149.0	0.002	3.14	55.1	7.8	1	3.6	57.3	0.56	0.11	11.6	0.159	2.38	7.3
N813524		2.7	2.8	<0.002	0.03	0.17	0.5	1	<0.2	43.8	<0.05	<0.05	0.2	0.005	0.02	0.4
N813525		54.4	153.0	<0.002	0.60	12.40	11.5	1	1.5	105.5	0.62	0.13	12.8	0.225	2.74	7.4
N813526		29.6	148.5	<0.002	0.66	8.89	11.4	1	1.2	179.5	0.48	<0.05	9.9	0.217	2.25	5.3
N813527		19.9	120.5	<0.002	0.22	7.78	12.3	1	1.1	241	0.61	<0.05	11.9	0.236	1.72	5.2
N813528		18.3	130.0	<0.002	0.31	7.80	12.4	1	1.1	224	0.60	<0.05	11.7	0.240	1.88	5.6
N813529		217	168.5	<0.002	1.59	16.40	10.0	1	3.4	129.5	0.51	<0.05	11.8	0.200	2.94	6.1
N813530		52.3	101.0	<0.002	0.39	17.90	10.6	1	1.6	106.0	0.63	<0.05	12.1	0.209	1.75	4.4
N813531		177.5	141.0	<0.002	0.46	14.40	11.7	1	2.0	143.5	0.55	<0.05	11.6	0.217	2.25	5.2
N813532		154.0	142.5	<0.002	0.43	13.35	11.8	1	2.0	137.5	0.56	<0.05	11.5	0.214	2.19	5.1
N813533		16.5	105.5	<0.002	0.12	8.44	11.9	1	1.0	178.5	0.62	<0.05	11.3	0.236	1.41	3.7
N813534		415	145.5	<0.002	2.15	13.05	12.2	1	4.3	80.6	0.58	<0.05	12.1	0.228	2.27	4.9
N813535		118.0	147.5	<0.002	0.42	8.11	12.0	1	2.5	172.0	0.61	<0.05	12.7	0.219	2.26	5.2
N813536		611	178.0	<0.002	4.40	25.8	11.1	1	7.0	34.2	0.47	<0.05	11.1	0.195	2.96	4.6



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**CERTIFICATE OF ANALYSIS WH12170289**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N813501		72	4.4	12.9	52	34.6			
N813502		68	6.7	15.2	53	32.9			
N813503		73	4.1	17.2	60	31.3			
N813504		64	3.1	15.3	243	30.1			
N813505		56	1.9	12.4	49	37.1			
N813506		52	4.3	8.6	>10000	26.7	119		1.610
N813507		65	2.3	14.3	51	37.6			
N813508		66	3.8	13.4	368	35.8			
N813509		57	3.3	12.4	615	34.0			
N813510		62	3.3	12.2	1200	32.7			
N813511		69	3.4	12.3	140	38.0			
N813512		65	4.6	12.6	89	35.5			
N813513		63	3.3	13.8	126	39.3			
N813514		55	5.5	9.2	9680	29.7			
N813515		3	0.6	0.9	19	0.5			
N813516		68	2.9	14.4	385	40.5			
N813517		68	4.2	13.2	63	44.3			
N813518		66	1.8	12.4	65	39.7			
N813519		57	4.4	8.5	>10000	33.0	123	1.015	1.645
N813520		66	2.1	12.9	103	37.6			
N813521		65	2.5	13.3	206	41.1			
N813522		72	4.0	13.0	57	46.5			
N813523		50	4.0	8.3	2420	36.2			
N813524		3	0.2	0.9	21	<0.5			
N813525		69	3.2	14.7	162	43.0			
N813526		68	2.3	16.1	138	35.2			
N813527		73	1.7	14.5	56	42.3			
N813528		75	1.5	14.2	61	41.2			
N813529		60	4.4	13.1	595	38.5			
N813530		63	3.4	12.0	183	42.3			
N813531		70	2.8	12.8	470	38.4			
N813532		69	2.8	12.8	453	38.8			
N813533		72	1.8	14.2	53	40.3			
N813534		73	4.1	13.2	521	40.4			
N813535		71	2.7	14.0	310	44.7			
N813536		72	4.9	9.7	2240	36.6			



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**CERTIFICATE OF ANALYSIS WH12170289**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12170300**

Project: Klaza - 51

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12170300**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813559		4.00	0.022	0.22	7.38	36.4	2260	1.56	0.32	3.03	0.50	46.6	7.3	10	10.05	4.5
N813560		11.88	<0.005	0.17	7.76	6.1	2830	1.65	0.26	2.80	0.18	47.8	7.0	11	7.47	3.8
N813561		8.56	0.012	0.50	7.56	16.3	2540	1.65	0.52	3.28	0.34	38.5	8.3	10	11.40	52.6
N813562		4.25	0.536	2.42	7.10	560	460	1.53	2.70	2.52	13.45	39.0	6.7	8	13.75	52.7
N813563		4.69	<0.005	0.03	8.39	8.0	1740	1.33	0.10	1.05	0.12	48.0	6.4	11	9.86	4.9
N813564		2.08	<0.005	0.02	7.91	8.3	1670	1.29	0.10	1.03	0.13	38.0	6.4	8	8.97	5.5
N813565		12.45	<0.005	0.10	7.91	9.5	2110	1.42	0.22	1.44	0.56	47.1	5.6	9	8.21	5.2
N813566		12.50	<0.005	0.11	7.48	20.7	2430	1.57	0.17	2.69	0.47	38.0	5.0	9	7.12	7.2
N813567		12.61	<0.005	0.23	8.04	15.5	2410	1.52	0.35	1.97	0.45	47.0	5.5	9	10.20	6.3
N813568		0.24	4.50	>100	5.76	8770	140	1.09	53.4	1.96	231	28.1	9.5	19	10.35	1315
N813569		13.37	0.008	0.17	7.60	17.2	2240	1.53	0.18	2.34	0.26	43.4	5.1	9	9.99	5.5
N813570		9.23	0.012	0.16	7.35	34.5	2070	1.68	0.20	2.70	0.67	48.2	6.4	9	9.16	4.6
N813571		9.87	0.098	0.44	7.28	223	2210	1.51	0.19	3.04	0.83	44.3	6.4	9	12.20	5.0
N813572		4.34	0.185	1.19	7.63	342	2380	1.71	0.30	2.93	1.91	45.1	6.2	7	18.95	9.3
N813573		4.83	0.016	1.94	7.62	63.2	1970	1.65	3.43	1.87	3.23	54.2	4.5	7	17.45	19.9
N813574		11.82	0.472	16.15	5.38	599	1080	1.21	40.5	0.91	5.49	37.9	4.5	5	12.15	203
N813575		1.89	<0.005	0.08	0.11	<5	30	0.06	0.16	22.0	0.08	2.00	0.6	1	0.46	2.0
N813576		8.44	0.077	0.69	7.69	102.5	2400	1.70	0.98	2.28	1.39	59.7	4.4	8	11.00	13.0
N813577		10.58	0.011	0.20	7.32	19.3	2380	1.39	0.35	2.72	0.34	46.0	4.2	9	9.82	8.1
N813578		11.08	0.013	0.36	7.25	35.0	2250	1.53	0.66	2.42	0.87	57.2	3.6	8	11.85	7.6
N813579		4.77	0.337	8.17	6.79	568	1310	1.37	15.95	1.55	32.1	44.2	4.5	8	9.34	98.6
N813580		2.98	<0.005	0.03	0.08	<5	40	0.05	0.09	21.1	0.16	1.25	0.5	1	0.19	2.2
N813581		5.33	0.073	5.03	7.23	271	450	1.24	4.39	0.72	61.2	45.0	3.9	12	7.20	57.3
N813582		12.05	0.041	1.09	7.53	114.0	920	1.23	1.37	2.39	6.46	41.1	8.5	53	10.40	11.7
N813583		6.07	0.267	2.54	7.19	398	550	1.29	3.08	1.00	3.92	41.9	5.0	13	9.13	39.1
N813584		8.61	0.023	0.88	7.68	272	1350	1.43	0.77	2.64	1.24	48.7	3.3	8	19.20	91.4
N813585		14.44	<0.005	0.20	8.22	15.0	1730	1.32	0.23	1.28	0.25	50.2	3.0	8	10.90	9.1
N813586		3.96	0.055	1.35	6.96	117.0	1030	1.38	3.65	2.01	0.29	38.4	6.0	7	9.03	9.3
N813587		0.24	2.41	25.5	6.33	3700	1370	1.42	20.0	2.31	80.8	41.8	9.9	19	13.85	460
N813588		4.02	0.008	0.45	7.94	26.1	1830	1.62	0.89	2.29	0.47	43.4	5.5	8	12.15	6.7
N813589		5.05	0.027	0.23	8.03	96.9	1870	1.44	0.27	1.23	1.63	52.1	4.1	7	9.98	5.5
N813590		7.01	0.210	1.05	7.48	1450	1060	1.50	1.91	2.26	0.51	38.6	3.2	7	13.25	14.8
N813591		10.38	0.222	4.75	6.01	563	410	1.18	6.31	1.77	3.60	31.2	3.9	7	15.10	181.5
N813592		11.44	0.398	3.08	7.05	953	640	1.38	4.23	1.21	4.40	32.7	4.3	8	6.86	94.0
N813593		9.68	<0.005	0.17	8.20	13.2	820	1.52	0.32	2.46	0.13	41.4	2.8	8	9.69	9.6
N813594		<0.02	<0.005	0.17	7.80	12.5	850	1.47	0.35	2.40	0.11	35.2	2.8	8	9.05	9.7



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Finalized Date: 10-AUG-2012  
Account: ROCKHA

Project: Klaza - 51

**CERTIFICATE OF ANALYSIS WH12170300**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813559		3.24	16.00	0.13	1.3	0.063	3.13	24.9	24.6	0.78	916	1.86	1.22	6.4	2.6	600
N813560		2.85	16.65	0.13	1.5	0.041	2.95	26.3	21.3	0.76	559	1.63	2.19	7.6	2.5	590
N813561		3.22	16.20	0.11	1.3	0.092	2.90	20.1	30.9	0.79	904	2.38	1.06	6.8	2.8	590
N813562		5.39	14.40	0.11	1.2	0.188	2.80	20.5	43.7	0.98	2080	7.05	0.04	6.2	2.5	520
N813563		2.88	17.60	0.13	1.6	0.036	2.48	25.5	53.1	0.38	568	2.06	0.08	8.4	2.2	630
N813564		2.74	16.85	0.09	1.6	0.034	2.31	19.0	46.9	0.36	543	1.73	0.08	8.2	2.2	590
N813565		2.63	16.60	0.11	1.6	0.057	2.54	25.4	39.7	0.44	631	1.11	0.29	7.6	2.3	570
N813566		2.71	16.35	0.12	1.3	0.064	3.03	18.9	19.9	0.74	762	1.24	1.41	6.6	2.5	600
N813567		3.06	16.50	0.13	1.3	0.060	2.90	24.8	116.0	0.59	636	0.86	0.42	6.9	2.3	640
N813568		8.21	12.25	0.13	1.0	4.42	2.35	14.2	31.6	0.62	3120	14.30	0.08	5.3	13.4	470
N813569		2.92	16.15	0.13	1.5	0.039	2.82	21.8	20.4	0.64	524	1.10	1.33	7.3	2.4	590
N813570		2.66	15.50	0.14	1.3	0.053	2.92	25.6	19.9	0.72	808	0.60	0.95	6.1	2.5	580
N813571		2.90	15.65	0.13	1.3	0.051	2.87	22.9	45.9	0.89	959	0.70	0.45	6.3	2.7	570
N813572		3.01	16.25	0.13	1.4	0.056	2.98	23.6	20.9	0.99	1200	1.03	0.05	7.3	2.6	590
N813573		4.32	16.70	0.15	1.3	0.129	2.87	30.7	124.0	0.85	1350	1.52	0.04	6.9	3.3	580
N813574		9.36	13.90	0.14	1.0	0.275	2.28	19.2	18.0	0.58	1960	2.79	0.02	5.3	1.9	400
N813575		0.51	0.36	0.14	<0.1	<0.005	0.06	1.1	1.7	13.15	245	0.09	0.01	0.2	1.8	170
N813576		3.17	17.65	0.20	1.4	0.098	3.38	30.8	35.6	0.72	992	0.83	0.09	6.8	2.7	590
N813577		3.08	16.35	0.18	1.5	0.054	3.30	24.4	16.2	0.74	862	0.81	1.28	7.5	2.7	570
N813578		3.17	16.00	0.20	1.6	0.079	3.58	30.6	23.5	0.71	1310	0.77	0.46	7.4	2.2	530
N813579		8.76	15.50	0.17	1.1	0.572	3.04	20.5	10.2	0.84	1950	1.92	0.03	5.9	4.9	530
N813580		0.50	0.27	0.17	<0.1	0.005	0.03	0.6	1.0	12.50	221	0.12	0.01	0.2	2.1	200
N813581		6.00	16.85	0.16	1.3	0.816	3.41	22.1	9.0	0.76	1960	1.01	0.04	6.2	4.1	570
N813582		5.08	17.15	0.15	2.0	0.199	3.46	24.4	15.7	1.34	2490	1.38	0.05	7.6	19.8	670
N813583		5.78	17.35	0.14	1.2	0.166	3.29	19.8	9.0	0.68	1860	1.91	0.04	6.0	5.3	550
N813584		2.88	17.40	0.17	1.2	0.115	3.25	21.7	22.4	0.87	1340	0.44	0.06	6.9	3.0	630
N813585		2.67	17.80	0.15	1.7	0.056	2.31	26.4	41.5	0.44	609	0.65	0.06	8.8	2.4	600
N813586		6.91	14.95	0.14	1.4	0.128	2.94	21.0	9.9	0.79	1660	0.76	0.04	6.9	2.7	490
N813587		7.05	14.85	0.16	0.9	1.585	2.70	25.2	22.5	0.94	2020	12.85	0.04	6.1	15.2	480
N813588		3.94	17.05	0.17	1.6	0.068	2.78	23.5	25.8	0.82	814	0.88	0.66	8.5	2.7	620
N813589		3.06	17.35	0.16	1.8	0.047	2.02	29.2	38.8	0.53	840	0.75	0.05	8.7	2.4	600
N813590		3.60	16.65	0.15	1.2	0.133	3.06	17.8	73.7	0.83	1760	2.20	0.06	7.0	2.4	570
N813591		4.29	14.15	0.12	0.9	0.186	2.48	14.3	19.6	0.71	2020	4.69	0.04	4.7	2.0	460
N813592		4.22	15.55	0.15	1.0	0.367	3.07	13.6	31.8	0.61	1490	3.24	0.06	5.9	2.1	510
N813593		2.28	19.15	0.15	1.4	0.097	1.10	17.9	44.7	0.62	608	0.52	0.46	8.7	2.0	660
N813594		2.20	18.00	0.13	1.4	0.089	1.09	15.8	40.9	0.59	591	0.47	0.47	8.6	2.1	630



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**CERTIFICATE OF ANALYSIS WH12170300**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813559		40.1	123.0	0.002	0.62	5.73	11.8	1	1.3	220	0.55	0.06	12.1	0.203	1.58	5.4
N813560		19.2	103.0	0.002	0.15	2.80	11.7	1	1.4	321	0.68	0.07	13.3	0.230	1.15	5.3
N813561		22.9	110.5	0.003	0.38	6.10	11.2	1	1.5	230	0.58	<0.05	10.7	0.216	1.50	5.9
N813562		442	154.5	0.006	2.24	19.10	9.9	1	2.5	121.5	0.51	0.06	10.1	0.195	2.25	6.0
N813563		14.2	108.0	0.002	0.04	22.5	12.3	1	1.6	76.1	0.75	<0.05	14.9	0.253	1.10	3.4
N813564		14.5	100.0	<0.002	0.04	21.4	12.1	1	1.7	73.5	0.73	<0.05	13.0	0.235	1.04	3.1
N813565		23.0	112.0	<0.002	0.15	17.75	11.2	1	1.3	94.2	0.75	<0.05	14.4	0.216	1.24	5.1
N813566		21.6	122.0	0.002	0.36	3.78	11.5	1	1.2	235	0.53	<0.05	10.5	0.213	1.61	4.5
N813567		16.4	105.5	<0.002	0.21	32.1	11.5	1	1.5	148.0	0.57	<0.05	10.7	0.225	1.36	3.9
N813568		9630	126.0	0.002	7.22	222	7.5	2	8.0	118.0	0.44	0.40	7.2	0.180	2.00	4.5
N813569		20.5	110.0	<0.002	0.12	6.38	11.1	1	1.5	245	0.65	<0.05	12.1	0.228	1.25	4.0
N813570		28.9	122.0	<0.002	0.46	5.19	9.7	1	1.4	196.0	0.53	<0.05	11.5	0.202	1.68	4.2
N813571		37.4	114.5	<0.002	0.55	8.03	10.9	1	1.3	198.5	0.54	<0.05	11.3	0.207	1.68	4.3
N813572		80.7	133.0	<0.002	0.84	10.15	11.6	1	1.4	204	0.62	<0.05	12.0	0.228	2.26	4.4
N813573		208	157.5	0.003	0.85	9.88	9.8	1	2.5	143.5	0.54	<0.05	14.6	0.217	2.50	4.9
N813574		357	134.0	0.002	6.88	50.3	7.0	1	6.8	97.6	0.40	0.29	10.4	0.148	2.27	4.2
N813575		3.1	3.0	0.002	0.02	0.22	0.3	<1	0.3	41.4	<0.05	<0.05	0.3	<0.005	<0.02	0.5
N813576		50.3	163.5	0.003	0.99	9.01	9.8	1	2.5	121.5	0.55	<0.05	16.0	0.197	2.62	6.5
N813577		24.4	117.5	0.002	0.28	4.17	8.7	<1	1.7	274	0.58	<0.05	12.8	0.231	1.86	4.4
N813578		37.3	142.0	0.004	0.41	6.65	8.1	<1	1.8	157.0	0.68	<0.05	16.8	0.191	2.73	5.9
N813579		797	183.5	<0.002	6.46	21.4	8.5	1	6.0	53.3	0.41	0.16	11.3	0.186	3.03	4.5
N813580		4.5	1.9	<0.002	0.02	0.11	0.2	<1	0.3	45.1	<0.05	<0.05	0.2	<0.005	0.02	0.6
N813581		1530	218	0.002	2.94	9.40	9.2	<1	5.0	28.6	0.48	<0.05	13.7	0.186	3.14	3.7
N813582		140.0	212	0.003	1.00	6.84	8.9	<1	3.4	79.8	0.60	<0.05	11.4	0.222	3.03	5.5
N813583		226	199.5	0.003	3.24	16.00	9.5	1	8.1	29.4	0.47	<0.05	12.8	0.198	3.19	4.1
N813584		40.7	171.5	0.002	0.62	28.5	11.2	1	3.0	65.2	0.49	0.05	13.7	0.217	3.26	5.6
N813585		16.0	105.5	0.002	0.09	22.2	9.9	1	2.0	75.7	0.73	<0.05	19.3	0.238	1.30	3.5
N813586		28.5	178.0	0.002	4.88	5.13	8.8	2	3.3	57.8	0.58	0.45	15.9	0.197	2.60	5.5
N813587		2950	166.0	0.002	5.00	91.5	7.9	1	8.5	92.2	0.45	0.36	12.5	0.182	2.60	5.8
N813588		42.2	115.5	0.002	0.42	5.81	10.1	<1	2.0	184.5	0.62	0.05	15.3	0.250	1.59	4.6
N813589		39.0	112.0	0.003	0.20	22.5	10.6	<1	1.9	72.1	0.77	<0.05	19.7	0.240	1.46	3.9
N813590		59.6	165.5	0.003	1.13	22.0	9.7	1	3.3	68.4	0.52	0.17	14.4	0.208	3.13	5.7
N813591		152.0	166.0	0.002	3.34	78.2	7.4	<1	4.8	40.3	0.35	0.15	12.4	0.146	2.59	4.6
N813592		171.0	206	0.005	1.95	43.8	8.9	1	4.2	52.7	0.45	0.23	13.2	0.180	3.07	4.8
N813593		13.2	50.1	0.003	0.06	15.50	10.7	1	2.9	138.5	0.65	<0.05	13.9	0.253	1.02	3.3
N813594		13.1	44.2	0.002	0.05	15.55	10.2	1	2.8	139.5	0.62	0.06	13.3	0.250	1.00	3.3



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 Account: ROCKHA

Project: Klaza - 51

**CERTIFICATE OF ANALYSIS WH12170300**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N813559		66	1.8	13.1	93	39.0		
N813560		68	1.1	14.5	63	43.7		
N813561		67	2.0	13.9	81	39.4		
N813562		61	4.1	11.9	1380	36.9		
N813563		72	4.0	15.4	41	49.4		
N813564		67	3.5	13.6	39	48.0		
N813565		64	3.0	14.5	72	47.9		
N813566		71	1.3	11.6	88	39.1		
N813567		71	3.8	13.3	82	38.2		
N813568		54	4.3	8.0	>10000	32.1	120	1.610
N813569		68	2.2	13.3	59	43.7		
N813570		63	1.7	11.0	96	37.8		
N813571		65	1.9	12.7	100	37.9		
N813572		67	3.0	13.8	184	43.4		
N813573		64	3.8	12.5	383	39.9		
N813574		45	5.6	8.5	502	27.6		
N813575		2	0.1	0.8	16	0.5		
N813576		65	2.4	13.1	138	39.1		
N813577		66	1.5	12.2	70	44.8		
N813578		57	2.3	12.0	115	48.4		
N813579		60	4.9	10.7	2270	32.3		
N813580		1	0.1	0.8	20	<0.5		
N813581		66	4.3	7.1	4400	35.4		
N813582		73	4.8	9.1	559	53.7		
N813583		71	4.9	7.4	363	32.4		
N813584		91	2.8	12.8	130	31.7		
N813585		66	4.7	15.5	57	47.9		
N813586		57	4.7	11.7	58	37.7		
N813587		58	5.2	10.4	5540	27.3		
N813588		70	2.6	14.7	71	47.7		
N813589		66	4.5	16.2	140	50.0		
N813590		65	3.2	13.2	80	33.2		
N813591		49	5.3	8.3	308	24.9		
N813592		55	3.5	9.8	386	30.0		
N813593		72	1.9	14.8	43	40.4		
N813594		71	1.8	13.8	43	40.1		



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Project: Klaza - 51

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**CERTIFICATE OF ANALYSIS WH12170300**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12171400**

Project: Klaza-51

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 8-AUG-2012  
Account: ROCKHA

Project: Klaza-51

**CERTIFICATE OF ANALYSIS WH12171400**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813595		12.28	<0.005	0.18	7.81	13.8	1140	1.58	0.39	3.16	0.29	39.5	4.0	9	10.95	15.1
N813596		8.71	0.017	0.20	7.38	84.8	2010	1.53	0.27	2.33	0.61	44.1	4.5	8	13.90	4.3
N813597		0.21	2.41	25.8	6.24	3730	1630	1.27	19.60	2.27	80.1	45.4	10.2	19	13.90	457
N813598		11.23	0.023	0.25	7.39	135.5	1760	1.49	0.24	2.46	1.11	41.3	4.5	10	12.50	5.9
N813599		4.07	0.149	3.32	7.92	326	930	1.99	5.02	1.55	6.99	51.6	5.1	10	17.20	32.4
N813600		2.66	<0.005	0.03	0.09	10	30	0.07	0.06	21.8	0.15	1.20	0.6	1	0.20	3.1
N813601		9.35	0.008	0.15	6.85	11.3	1940	1.41	0.26	3.45	0.36	34.6	3.9	8	10.85	5.2
N813602		3.86	0.042	1.33	7.60	42.5	1490	1.62	2.91	2.52	1.96	40.6	4.8	9	13.15	15.6
N813603		10.20	<0.005	0.12	7.77	12.9	2030	1.44	0.20	2.37	0.33	40.6	4.4	9	11.25	8.1
N813604		11.76	<0.005	0.13	7.87	11.2	2040	1.28	0.23	1.24	0.22	54.6	6.1	8	10.80	8.5
N813605		7.77	<0.005	0.17	7.80	9.3	1430	1.38	0.20	2.25	0.34	36.3	3.7	7	11.70	13.6
N813606		8.29	<0.005	0.10	7.84	8.6	1170	1.42	0.17	1.77	0.21	40.1	3.1	8	10.75	1.9
N813607		4.61	0.261	2.18	7.50	282	930	1.38	2.05	2.33	16.00	47.4	3.6	8	9.46	64.7
N813608		5.86	0.035	2.00	8.14	69.6	920	1.50	2.85	1.95	7.55	45.0	3.1	7	9.75	58.8
N813609		9.25	<0.005	0.12	7.40	9.8	560	1.50	0.23	2.76	0.11	29.6	2.3	6	7.15	1.8
N813610		<0.02	<0.005	0.10	7.16	8.8	550	1.50	0.25	2.72	0.13	28.9	2.3	7	6.89	1.6
N813611		13.34	<0.005	0.30	6.96	13.2	620	1.59	0.44	3.31	0.56	30.0	1.6	9	9.52	22.0
N813612		6.51	<0.005	0.19	6.60	14.3	360	1.83	0.23	3.62	0.22	23.7	1.5	8	13.70	6.9
N813613		7.28	<0.005	0.19	6.64	12.8	580	1.62	0.30	3.25	0.43	22.7	1.0	7	8.76	2.7
N813614		3.68	0.018	1.64	7.07	33.1	580	1.41	3.17	2.84	8.87	25.7	2.3	7	7.53	30.2
N813615		8.06	<0.005	0.13	7.13	9.4	590	1.66	0.14	4.23	0.34	24.7	1.8	9	9.85	1.8
N813616		2.31	<0.005	0.14	7.12	9.6	650	1.74	0.14	4.38	0.42	25.6	1.9	10	10.15	2.7
N813617		12.21	0.015	0.17	7.37	20.0	900	1.77	0.18	2.86	0.99	29.0	3.0	8	11.20	3.8
N813618		11.19	<0.005	0.14	7.35	10.5	810	1.41	0.13	3.07	0.42	28.4	2.3	8	14.95	2.9
N813619		3.87	0.099	1.25	6.53	82.6	720	1.24	2.35	1.64	0.77	31.0	2.0	8	7.68	18.3
N813620		0.25	0.808	9.88	6.69	1925	230	1.42	6.08	1.89	40.7	39.9	15.4	19	14.50	106.5
N813621		7.77	0.157	1.36	7.48	83.2	440	1.49	2.29	1.28	2.79	35.1	2.5	9	8.71	23.4
N813622		6.47	0.012	0.68	7.65	29.3	520	1.63	0.75	0.84	1.32	33.6	2.6	8	5.68	26.2
N813623		5.40	0.104	1.62	6.77	100.0	690	1.62	2.26	1.22	8.54	32.0	4.8	6	22.2	58.2
N813624		5.80	0.028	1.35	7.27	53.9	1040	1.50	0.83	2.01	3.37	31.8	2.1	9	6.96	36.4
N813625		3.40	0.024	0.65	7.78	38.8	680	1.48	0.48	2.21	1.89	26.9	3.1	8	6.89	18.9
N813626		8.12	0.005	0.33	7.28	15.9	350	1.59	0.30	2.06	0.80	27.1	2.6	7	7.08	8.3
N813627		4.57	0.006	0.29	7.80	34.0	580	1.54	0.27	1.60	0.93	37.1	2.6	8	6.74	4.4
N813628		4.61	0.878	10.70	7.57	195.5	460	1.47	15.70	1.27	2.17	34.1	3.4	8	3.95	137.5
N813629		3.38	<0.005	0.06	0.09	<5	20	0.08	0.05	21.4	0.07	1.20	0.6	1	0.17	1.8
N813630		8.45	0.082	1.93	7.73	180.5	600	1.41	1.47	1.10	5.90	29.2	0.7	7	3.73	101.0





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Plus Appendix Pages  
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Account: ROCKHA

Project: Klaza-51

**CERTIFICATE OF ANALYSIS WH12171400**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813595		2.90	17.75	0.14	1.4	0.056	1.48	17.8	32.4	0.66	622	0.69	1.14	8.6	2.7	660
N813596		2.58	16.95	0.16	1.7	0.043	1.99	21.4	30.5	0.51	614	0.75	1.09	9.5	2.5	540
N813597		6.91	14.75	0.13	0.9	1.575	2.72	25.9	24.1	0.93	1980	13.30	0.04	6.2	15.9	470
N813598		2.80	16.05	0.16	1.4	0.039	2.46	19.7	26.6	0.67	626	0.77	1.61	8.7	2.4	590
N813599		4.75	17.80	0.17	1.4	0.125	2.61	30.8	130.0	0.71	1490	1.48	0.06	8.0	3.0	620
N813600		0.48	0.28	0.20	<0.1	<0.005	0.03	0.6	1.3	12.90	218	0.09	0.01	0.2	1.7	190
N813601		2.53	16.15	0.19	1.4	0.085	2.06	15.5	27.5	0.55	684	0.60	0.74	8.0	2.0	560
N813602		4.39	16.75	0.16	1.3	0.151	2.70	20.9	40.9	0.79	1380	0.96	0.74	7.8	2.7	600
N813603		3.06	16.75	0.18	1.5	0.051	2.85	20.2	31.6	0.65	628	0.71	0.99	8.8	2.4	590
N813604		2.79	17.00	0.16	1.3	0.037	1.96	31.1	59.0	0.49	752	0.89	0.11	8.4	3.0	640
N813605		2.11	17.65	0.14	1.2	0.061	1.96	16.4	57.9	0.72	854	0.56	0.06	6.5	2.3	610
N813606		2.32	18.10	0.16	1.3	0.062	1.50	18.7	167.0	0.50	661	0.50	0.04	7.5	2.3	660
N813607		4.53	17.15	0.16	1.3	0.531	2.91	23.7	122.0	0.68	1440	0.53	0.05	6.9	2.3	590
N813608		3.79	18.00	0.13	1.3	0.395	2.67	21.6	75.5	0.86	1330	0.36	0.05	6.8	2.1	610
N813609		1.34	16.25	0.09	1.3	0.141	1.18	10.7	51.1	0.54	626	0.31	0.38	7.2	1.6	620
N813610		1.35	15.50	0.11	1.2	0.144	1.21	10.0	51.9	0.52	619	0.34	0.37	6.9	1.5	610
N813611		1.59	14.55	0.09	1.1	0.077	0.86	10.6	46.2	0.68	636	0.30	2.31	6.8	1.6	600
N813612		0.90	15.25	0.09	1.0	0.091	0.48	7.7	198.5	0.50	476	0.26	2.05	7.1	1.6	620
N813613		1.27	14.55	0.08	1.0	0.143	0.92	6.3	270	0.47	681	0.22	0.50	6.7	1.2	630
N813614		2.36	14.10	0.07	1.0	0.557	2.19	8.3	51.7	0.58	1080	0.53	0.44	5.6	1.5	540
N813615		1.24	15.20	0.07	1.1	0.067	0.82	8.1	22.3	0.74	572	0.31	2.62	7.7	1.6	640
N813616		1.22	15.70	0.08	1.2	0.066	0.77	8.6	18.8	0.72	557	0.31	2.97	7.7	1.8	680
N813617		2.42	15.40	0.07	1.1	0.076	1.34	10.7	199.5	0.60	945	0.49	0.80	7.2	2.0	670
N813618		1.64	15.50	0.07	1.2	0.064	0.98	10.1	90.2	0.59	480	0.51	1.99	7.3	1.9	640
N813619		3.12	13.00	0.08	0.8	0.133	2.25	11.6	115.5	0.68	1220	0.40	0.06	5.3	1.4	510
N813620		5.25	13.85	0.08	1.4	0.809	2.75	20.3	23.3	0.67	2090	11.60	0.26	6.7	14.7	510
N813621		3.04	14.70	0.09	0.8	0.249	2.31	12.6	480	0.60	1100	0.62	0.06	6.5	1.4	660
N813622		1.80	14.80	0.08	0.9	0.120	2.93	10.8	289	0.42	700	0.74	0.07	6.1	0.9	360
N813623		3.62	13.90	0.11	1.0	0.243	2.43	10.9	97.2	0.59	949	0.64	0.05	5.8	1.5	350
N813624		2.06	13.80	0.07	1.0	0.227	2.79	11.3	121.5	0.77	982	0.56	0.05	6.4	2.4	440
N813625		1.61	15.45	0.09	1.1	0.124	2.26	9.2	58.1	0.74	861	0.47	0.07	6.2	1.7	470
N813626		1.28	15.75	0.09	1.0	0.106	1.24	8.2	174.0	0.42	678	0.19	0.04	7.3	1.3	650
N813627		1.48	16.35	0.08	1.0	0.142	2.46	11.5	89.1	0.60	735	0.31	0.08	7.7	1.4	520
N813628		4.40	15.15	0.10	0.7	0.202	3.31	10.2	14.0	0.50	701	1.16	0.05	5.9	0.9	80
N813629		0.49	0.26	0.05	<0.1	<0.005	0.03	0.5	1.7	12.55	229	0.10	<0.01	0.2	1.6	200
N813630		2.09	14.30	0.11	0.9	0.258	3.48	8.2	19.6	0.49	780	1.01	0.07	6.0	0.6	40



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Finalized Date: 8-AUG-2012  
Account: ROCKHA

Project: Klaza-51

**CERTIFICATE OF ANALYSIS WH12171400**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813595		27.8	56.2	0.002	0.06	11.85	10.4	1	2.2	234	0.65	<0.05	12.2	0.272	0.97	3.9
N813596		43.9	85.3	0.002	0.13	13.90	9.0	<1	1.9	178.5	0.84	<0.05	16.0	0.229	1.22	5.0
N813597		2890	167.0	0.003	4.92	90.9	7.9	1	8.3	93.7	0.45	0.49	12.4	0.184	2.49	5.8
N813598		39.5	95.3	0.002	0.13	7.86	9.0	<1	1.7	275	0.69	<0.05	13.6	0.241	1.28	4.0
N813599		464	155.5	<0.002	1.84	21.6	11.1	<1	5.0	93.6	0.55	0.09	15.6	0.248	2.33	4.8
N813600		2.4	1.5	0.003	0.01	0.12	0.2	<1	0.3	47.1	<0.05	<0.05	0.2	<0.005	<0.02	1.0
N813601		20.6	74.8	0.003	0.15	12.05	8.4	1	2.0	184.0	0.64	<0.05	12.2	0.225	1.40	3.9
N813602		90.9	127.5	0.003	0.83	4.90	10.0	<1	3.0	180.0	0.56	0.06	13.1	0.241	1.98	4.7
N813603		18.9	108.5	<0.002	0.10	9.17	9.4	1	2.1	196.5	0.74	<0.05	14.7	0.247	1.47	4.9
N813604		14.1	98.3	0.004	0.12	30.0	10.8	1	1.5	90.5	0.59	<0.05	16.0	0.264	1.12	2.7
N813605		14.2	85.1	0.002	0.12	26.8	10.2	<1	1.8	66.4	0.49	<0.05	12.6	0.210	1.57	3.2
N813606		10.2	78.2	0.003	0.06	26.4	10.6	1	2.0	79.8	0.50	<0.05	14.5	0.234	1.28	2.9
N813607		187.5	202	0.002	2.15	20.2	10.0	<1	5.5	100.5	0.47	0.08	13.3	0.213	2.52	4.4
N813608		107.0	176.5	0.004	1.15	20.1	10.9	<1	3.6	75.4	0.52	0.07	15.8	0.209	2.46	3.8
N813609		8.5	42.6	<0.002	0.07	12.15	9.1	<1	2.3	127.5	0.65	<0.05	10.4	0.238	1.15	2.4
N813610		8.3	40.6	<0.002	0.08	11.40	8.7	<1	2.2	120.0	0.64	0.06	9.8	0.239	1.07	2.3
N813611		24.3	30.6	0.002	0.07	13.55	8.2	<1	2.5	360	0.63	<0.05	8.5	0.240	0.77	2.2
N813612		17.4	14.6	<0.002	0.05	15.95	7.9	1	2.4	375	0.60	<0.05	7.1	0.252	0.45	1.9
N813613		17.6	21.3	0.002	0.09	23.9	7.5	<1	2.4	184.5	0.58	0.08	7.4	0.247	0.90	1.9
N813614		58.9	107.5	0.004	0.76	7.74	7.5	<1	3.9	121.0	0.51	0.12	12.3	0.197	1.93	2.8
N813615		16.8	21.1	<0.002	0.03	3.54	8.6	<1	2.4	447	0.65	<0.05	7.0	0.274	0.72	2.1
N813616		19.2	20.1	<0.002	0.03	3.29	8.9	<1	2.5	494	0.68	<0.05	6.9	0.284	0.67	2.1
N813617		36.1	42.8	<0.002	0.11	13.15	9.0	<1	2.7	222	0.60	<0.05	7.4	0.271	1.07	2.5
N813618		23.7	33.0	<0.002	0.03	9.83	8.9	<1	2.5	333	0.63	<0.05	8.9	0.259	0.74	2.0
N813619		54.5	145.0	<0.002	1.38	33.3	8.1	<1	5.7	56.2	0.45	0.16	11.3	0.191	1.88	3.4
N813620		1300	142.0	<0.002	3.10	29.3	8.0	<1	5.9	147.5	0.59	0.49	10.0	0.210	2.28	4.6
N813621		68.4	153.5	<0.002	1.13	24.5	10.2	<1	5.5	92.9	0.53	0.22	10.8	0.245	2.01	4.7
N813622		32.7	191.0	<0.002	0.55	18.40	7.7	<1	3.4	73.9	0.61	0.21	16.2	0.208	2.50	3.7
N813623		137.5	151.5	<0.002	1.94	24.4	6.5	1	4.5	59.6	0.57	0.21	13.5	0.187	1.97	3.9
N813624		163.0	155.5	<0.002	0.58	16.35	9.2	<1	4.4	94.8	0.60	0.08	11.7	0.221	2.39	4.1
N813625		99.1	126.0	0.002	0.28	13.85	9.9	<1	3.3	89.1	0.54	0.10	11.5	0.217	2.00	3.1
N813626		43.5	51.9	<0.002	0.14	18.10	10.1	<1	2.7	95.1	0.63	0.07	8.4	0.265	1.21	2.5
N813627		34.3	138.5	<0.002	0.18	11.20	10.5	1	3.3	103.0	0.64	<0.05	12.4	0.292	2.03	3.9
N813628		208	234	<0.002	3.65	23.1	4.6	1	5.3	44.6	0.46	0.22	12.4	0.204	2.27	3.6
N813629		2.1	2.1	<0.002	0.02	0.18	0.2	<1	0.3	49.9	<0.05	<0.05	0.2	<0.005	0.02	0.7
N813630		107.5	222	0.004	1.11	16.10	3.4	1	5.2	51.7	0.53	0.06	14.1	0.205	2.57	3.7



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 Finalized Date: 8-AUG-2012  
 Account: ROCKHA

Project: Klaza-51

**CERTIFICATE OF ANALYSIS WH12171400**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813595		77	1.7	14.1	64	41.4
N813596		64	1.7	16.1	83	47.5
N813597		58	5.1	9.8	5530	28.1
N813598		67	1.5	13.8	111	40.7
N813599		71	4.3	14.0	698	42.2
N813600		1	0.1	0.8	21	<0.5
N813601		62	2.1	12.8	62	42.3
N813602		69	3.5	12.2	200	39.2
N813603		67	2.8	14.9	68	44.5
N813604		68	4.3	16.0	65	40.4
N813605		74	2.0	13.8	82	34.0
N813606		68	3.0	14.7	61	37.6
N813607		68	5.4	12.3	1240	36.2
N813608		69	3.5	11.9	658	35.5
N813609		65	1.5	12.2	46	35.3
N813610		66	1.5	11.6	48	35.2
N813611		64	1.3	11.3	87	31.3
N813612		63	1.0	10.9	45	28.7
N813613		66	2.2	9.7	68	25.0
N813614		52	2.0	8.8	977	23.8
N813615		70	1.1	11.8	63	30.6
N813616		73	1.2	12.1	68	31.9
N813617		76	3.9	12.4	137	28.8
N813618		68	2.5	11.8	54	32.9
N813619		53	3.3	9.3	99	22.2
N813620		58	5.2	11.1	3160	37.7
N813621		61	4.3	11.2	300	20.3
N813622		44	2.5	10.6	140	22.9
N813623		46	3.6	8.1	620	23.4
N813624		58	2.6	10.2	294	26.2
N813625		61	1.3	11.8	178	26.5
N813626		68	1.8	10.1	80	24.1
N813627		67	2.3	14.2	104	23.6
N813628		35	4.6	9.9	198	18.1
N813629		2	0.1	0.8	18	<0.5
N813630		33	2.1	10.9	497	21.7



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**CERTIFICATE OF ANALYSIS WH12171400**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12171401**

Project: Klaza-51

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12171401**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813631		3.85	0.049	1.78	7.04	75.1	730	1.48	1.66	1.35	2.96	34.2	1.8	10	5.90	29.8
N813632		7.25	<0.005	0.22	6.75	8.7	340	1.48	0.44	3.40	0.29	22.7	1.3	10	7.17	34.0
N813633		5.07	0.093	0.74	7.22	665	350	1.54	0.47	3.03	1.64	29.2	1.5	5	8.14	17.4
N813634		0.22	0.765	10.00	6.55	1755	800	1.58	6.45	1.79	43.2	45.0	17.1	16	17.30	108.5
N813635		5.21	<0.005	0.30	7.26	23.7	610	1.17	0.25	2.09	0.75	31.4	0.9	6	7.24	3.6
N813636		5.61	1.095	20.6	7.04	2470	530	1.31	0.95	1.55	122.5	34.7	2.1	6	7.80	137.0
N813637		7.18	0.130	2.43	6.96	333	490	1.37	1.35	1.46	5.61	26.5	1.2	6	6.35	51.7
N813638		4.52	1.550	1.66	7.07	2850	470	1.41	0.30	1.48	15.60	29.5	1.5	5	6.38	16.9
N813639		4.52	0.060	1.01	7.26	109.0	560	1.39	0.87	1.19	4.71	30.5	0.6	5	7.81	28.1
N813640		10.49	0.028	1.23	6.57	73.4	520	1.55	0.28	2.79	6.13	26.3	3.3	6	8.55	7.1
N813641		3.28	0.090	3.44	6.87	136.0	1020	1.41	1.48	2.47	8.13	39.5	3.2	6	11.40	29.1
N813642		4.16	0.009	0.23	6.85	10.8	1420	1.46	0.18	2.43	0.49	42.6	4.6	6	11.45	5.5
N813643		2.23	0.005	0.40	7.33	11.3	1400	1.46	0.33	2.42	0.53	38.9	4.2	5	11.20	9.0
N813644		8.23	0.142	5.12	7.19	351	910	1.57	7.69	1.75	14.45	47.8	7.7	6	13.90	78.5
N813645		3.05	<0.005	0.03	0.13	<5	30	0.05	0.03	18.90	0.09	1.11	0.8	1	0.36	2.3
N813646		8.34	0.012	0.33	7.62	42.8	660	1.81	0.60	2.30	0.67	50.6	6.0	9	18.95	17.8
N813647		4.61	0.050	0.67	7.55	54.1	1240	1.74	0.79	2.10	4.80	55.9	5.7	8	18.60	28.3
N813648		9.15	0.005	0.14	7.57	12.2	1010	1.58	0.06	2.86	0.16	49.6	6.9	9	16.35	15.3
N813649		6.73	0.006	0.05	7.08	8.0	1420	1.66	0.06	3.11	0.05	46.2	6.6	9	15.40	13.7
N813650		<0.02	0.007	0.05	7.50	9.4	1410	1.56	0.05	3.14	0.06	51.7	6.7	9	16.15	14.0
N813651		10.85	<0.005	0.03	7.52	8.2	1120	1.81	0.05	3.26	0.08	54.0	6.9	10	21.8	17.1
N813652		4.54	<0.005	<0.01	0.08	<5	20	0.05	<0.01	21.7	0.06	1.43	1.4	1	0.22	2.0
N813653		5.75	0.073	0.57	7.42	166.5	830	1.64	0.40	2.65	2.64	51.6	6.8	9	23.4	25.3
N813654		7.91	0.007	0.18	7.38	28.2	590	1.69	0.09	3.83	0.72	50.3	6.0	8	18.40	12.2
N813655		6.23	<0.005	0.10	8.23	11.5	430	2.26	0.10	3.74	0.61	42.7	6.1	8	16.45	3.1
N813656		4.69	0.053	0.61	7.71	63.3	940	2.02	0.59	3.30	1.58	49.7	6.1	8	18.90	19.9
N813657		5.41	0.006	0.11	7.43	17.2	1130	2.26	0.13	3.36	0.41	41.6	6.2	7	15.50	11.3
N813658		0.27	2.27	24.4	6.17	3510	460	1.38	19.65	2.22	73.6	44.3	9.7	18	14.15	453
N813659		4.94	0.012	0.17	8.13	24.1	2660	1.84	0.17	3.45	0.45	52.0	6.9	8	18.70	8.9
N813660		4.99	0.147	0.55	7.00	113.0	390	1.68	0.62	2.35	1.14	43.3	7.2	8	24.9	12.5
N813661		7.45	0.014	0.12	7.55	29.1	2410	1.80	0.11	2.65	0.24	63.3	6.0	21	20.3	11.0
N813662		4.90	0.660	0.92	7.96	130.5	1760	1.84	1.27	2.58	6.79	49.8	5.5	9	22.1	28.3
N813663		7.37	0.005	0.08	7.68	13.5	1830	1.62	0.12	2.48	0.16	41.5	5.0	12	12.45	7.5
N813664		10.95	0.013	0.17	7.24	20.2	1210	1.65	0.20	2.40	0.51	44.5	3.4	9	15.45	2.8
N813665		6.37	0.235	1.93	8.13	175.0	1210	1.54	0.59	2.39	26.5	50.1	4.4	11	16.35	30.1
N813666		11.62	0.006	0.19	7.00	17.0	1530	1.30	0.18	2.09	0.28	31.3	3.5	10	10.20	3.5



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Account: ROCKHA

Project: Klaza-51

**CERTIFICATE OF ANALYSIS WH12171401**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813631		2.24	16.05	0.13	1.0	0.259	2.63	11.2	63.9	0.54	666	0.77	0.05	6.9	1.4	340
N813632		1.70	16.45	0.08	1.0	0.194	1.42	8.2	93.8	0.64	568	0.26	0.49	7.8	1.5	500
N813633		1.82	15.75	0.10	0.8	0.259	1.55	9.9	158.5	0.88	863	0.27	0.14	6.8	1.3	470
N813634		4.98	15.40	0.09	1.2	0.984	2.70	22.1	25.4	0.66	1910	11.95	0.25	7.7	16.1	480
N813635		1.41	15.75	0.10	0.8	0.109	2.47	9.9	352	0.67	649	0.32	0.12	7.1	1.0	210
N813636		3.82	17.05	0.09	0.7	1.945	3.04	10.8	67.9	0.65	1250	0.73	0.05	6.4	1.3	280
N813637		2.23	15.10	0.08	0.7	0.337	2.85	7.5	101.0	0.28	742	0.64	0.07	6.6	0.8	160
N813638		1.68	15.00	0.11	0.8	0.307	3.01	9.1	76.1	0.42	746	0.67	0.07	6.7	1.0	130
N813639		1.75	14.55	0.11	0.9	0.281	3.02	10.2	51.3	0.41	970	1.10	0.06	6.5	0.7	60
N813640		1.45	16.20	0.10	0.9	0.142	2.07	8.2	143.0	0.50	648	0.48	0.78	7.7	1.3	380
N813641		1.90	15.75	0.09	1.0	0.134	2.08	16.7	403	0.73	686	0.59	0.09	7.2	2.6	560
N813642		2.51	15.15	0.11	1.3	0.059	2.20	21.1	25.8	0.69	515	0.60	1.35	7.9	2.6	530
N813643		2.61	14.95	0.10	1.2	0.053	2.19	17.0	26.8	0.72	492	0.54	1.41	7.8	2.3	570
N813644		4.20	15.80	0.10	1.2	0.467	2.68	22.4	60.0	0.68	661	1.39	0.08	7.4	2.8	560
N813645		0.43	0.32	0.14	<0.1	<0.005	0.06	0.5	1.6	11.65	198	0.18	0.01	0.1	2.7	170
N813646		3.56	16.30	0.06	1.3	0.070	2.10	30.6	441	0.91	1100	1.02	0.04	7.9	2.4	620
N813647		3.55	16.25	0.09	2.2	0.109	2.47	33.0	320	0.95	1280	7.30	0.06	9.0	2.7	610
N813648		2.64	18.00	0.08	3.4	0.034	2.23	28.2	570	1.06	596	1.54	0.07	10.3	3.8	790
N813649		2.43	17.05	0.08	3.3	0.029	2.16	25.4	530	1.03	496	0.43	0.07	10.0	3.8	740
N813650		2.47	18.60	0.10	3.4	0.034	2.20	29.2	540	1.06	498	0.47	0.07	10.5	4.1	750
N813651		2.50	17.40	0.08	3.5	0.029	2.63	31.1	286	1.08	541	0.77	0.06	10.2	3.6	740
N813652		0.47	0.31	<0.05	<0.1	<0.005	0.02	0.7	2.1	13.40	210	0.34	0.01	0.3	1.6	190
N813653		3.95	15.25	<0.05	1.7	0.091	2.74	30.9	52.1	1.02	1580	1.40	0.05	7.5	2.6	590
N813654		2.82	13.90	<0.05	1.3	0.033	1.82	30.3	740	1.28	1020	0.97	0.03	7.6	2.7	600
N813655		2.79	15.15	0.05	1.3	0.039	1.78	24.1	1150	1.21	1020	0.72	0.02	8.0	2.2	710
N813656		3.69	14.90	0.06	1.2	0.099	2.26	30.4	540	1.16	1440	1.23	0.04	7.7	2.4	620
N813657		3.02	15.25	0.05	1.2	0.042	1.88	23.3	740	1.06	1000	0.84	0.03	8.2	2.3	670
N813658		6.69	13.70	0.09	0.9	1.830	2.62	23.6	22.7	0.91	1890	12.20	0.04	5.8	13.2	450
N813659		2.93	15.45	0.07	1.2	0.041	2.03	31.5	890	1.15	949	1.08	0.03	8.0	2.3	640
N813660		3.09	14.60	0.06	1.1	0.061	2.71	24.0	43.9	0.84	1680	2.49	0.04	7.1	2.8	550
N813661		2.71	16.70	0.08	3.5	0.036	2.52	36.3	180.0	0.88	767	1.04	0.05	10.0	5.8	1290
N813662		3.18	15.15	0.09	1.3	0.206	3.21	29.7	22.7	0.93	1940	1.70	0.04	7.5	2.8	590
N813663		3.13	16.00	0.14	1.2	0.038	2.97	22.1	44.8	0.74	554	0.98	1.02	8.6	2.6	580
N813664		2.52	17.55	0.09	1.3	0.045	2.35	20.4	78.6	0.72	620	0.57	0.44	8.7	2.5	620
N813665		4.79	15.55	0.12	1.1	0.359	3.14	28.5	55.1	0.75	1950	1.93	0.18	7.8	2.5	620
N813666		2.42	15.70	0.13	1.1	0.047	2.13	14.2	99.4	0.61	674	1.41	0.09	7.8	2.6	600



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**CERTIFICATE OF ANALYSIS WH12171401**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N813631		205	190.5	<0.002	1.18	11.65	8.3	1	4.2	78.4	0.60	0.29	17.4	0.201	4.6
N813632		13.9	62.2	<0.002	0.09	6.92	9.5	1	3.5	230	0.75	0.08	11.5	0.221	2.5
N813633		87.2	83.9	<0.002	0.29	12.00	10.4	1	3.1	180.5	0.54	0.07	12.9	0.212	3.3
N813634		1255	160.5	0.003	2.90	31.7	9.1	1	5.7	148.0	0.59	0.31	11.5	0.196	5.2
N813635		38.0	149.0	0.002	0.11	4.41	8.6	1	3.1	110.5	0.55	0.05	11.4	0.216	3.1
N813636		2970	198.0	0.002	2.90	43.2	11.8	1	15.0	67.2	0.47	0.08	10.8	0.202	3.0
N813637		347	162.5	0.002	1.49	13.70	5.5	1	3.8	76.4	0.52	<0.05	10.1	0.202	2.5
N813638		557	182.5	0.002	0.71	13.75	6.0	1	2.9	75.1	0.63	<0.05	15.4	0.193	3.3
N813639		52.2	191.5	0.002	0.85	9.48	4.2	1	3.3	68.3	0.66	<0.05	15.3	0.180	2.7
N813640		139.0	114.5	0.003	0.31	6.06	9.1	1	3.6	202	0.59	<0.05	9.8	0.219	3.0
N813641		250	96.2	0.003	0.64	15.05	9.5	1	4.0	145.0	0.54	<0.05	10.6	0.223	3.8
N813642		28.9	85.1	0.002	0.11	3.50	9.2	1	1.5	282	0.68	<0.05	13.3	0.221	4.0
N813643		29.1	87.0	0.002	0.08	3.80	9.6	1	1.6	297	0.64	0.09	12.3	0.239	3.7
N813644		238	133.5	<0.002	2.03	17.30	10.3	1	4.1	117.0	0.56	0.05	11.6	0.233	3.7
N813645		1.7	2.4	0.003	0.01	<0.05	0.5	1	0.3	39.7	<0.05	<0.05	<0.2	0.005	0.4
N813646		26.1	106.0	<0.002	0.46	23.3	10.1	<1	2.3	177.5	0.69	<0.05	14.6	0.246	4.5
N813647		150.5	129.5	<0.002	0.45	26.6	9.5	<1	2.7	309	0.76	<0.05	13.3	0.256	6.5
N813648		17.6	88.6	<0.002	0.18	9.86	7.7	<1	2.5	342	0.79	<0.05	9.7	0.300	5.0
N813649		13.2	71.8	<0.002	0.14	14.40	7.3	<1	2.5	352	0.83	<0.05	9.0	0.281	4.8
N813650		12.7	84.1	<0.002	0.14	15.05	7.6	<1	2.6	361	0.84	<0.05	9.6	0.282	4.9
N813651		9.9	116.5	<0.002	0.12	10.85	8.0	<1	2.8	321	0.81	<0.05	9.8	0.302	5.0
N813652		1.5	1.4	<0.002	0.01	0.05	0.3	<1	<0.2	53.3	<0.05	<0.05	<0.2	<0.005	0.8
N813653		95.4	139.5	<0.002	1.18	17.70	9.2	<1	3.6	153.0	0.63	<0.05	11.9	0.245	5.0
N813654		32.2	90.1	<0.002	0.23	23.5	9.0	<1	2.2	254	0.69	<0.05	13.7	0.226	3.5
N813655		17.7	80.9	<0.002	0.11	21.2	10.0	<1	1.3	252	0.73	<0.05	14.3	0.273	2.6
N813656		61.5	112.0	<0.002	0.50	26.0	9.9	<1	2.1	205	0.63	<0.05	12.9	0.254	4.9
N813657		15.7	72.0	<0.002	0.15	26.8	10.2	<1	1.3	251	0.70	<0.05	11.4	0.265	3.7
N813658		2820	146.0	<0.002	5.03	89.3	7.8	<1	7.8	82.0	0.50	0.58	10.6	0.188	5.2
N813659		17.8	104.0	<0.002	0.29	21.3	10.7	<1	1.3	283	0.68	<0.05	13.7	0.265	3.5
N813660		69.5	144.5	<0.002	1.72	22.9	8.8	<1	1.7	284	0.60	<0.05	11.8	0.230	4.9
N813661		15.0	90.0	<0.002	0.27	18.65	6.2	<1	1.3	484	0.69	<0.05	8.6	0.344	3.3
N813662		85.9	177.5	<0.002	1.58	9.68	9.6	<1	2.2	185.5	0.68	<0.05	14.7	0.244	5.4
N813663		20.4	102.0	<0.002	0.10	4.74	10.7	<1	1.5	288	0.81	<0.05	13.3	0.265	4.3
N813664		35.1	85.4	<0.002	0.09	13.50	10.4	<1	1.7	196.0	0.77	<0.05	12.0	0.249	3.4
N813665		543	152.0	<0.002	2.12	15.55	11.1	<1	3.4	141.5	0.65	<0.05	14.0	0.266	4.2
N813666		24.1	69.8	<0.002	0.10	16.50	9.7	1	1.9	151.0	0.72	<0.05	10.5	0.249	3.0





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**CERTIFICATE OF ANALYSIS WH12171401**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813631		47	2.9	11.8	265	25.4
N813632		56	0.9	11.5	43	30.2
N813633		55	1.9	12.1	133	24.7
N813634		55	5.1	11.5	2900	38.4
N813635		45	1.8	11.1	72	20.7
N813636		50	4.0	10.1	5060	19.1
N813637		36	2.7	9.4	351	19.0
N813638		35	1.6	11.7	954	20.8
N813639		27	3.2	11.2	390	22.3
N813640		49	1.8	10.8	285	25.3
N813641		64	3.5	12.2	435	31.2
N813642		60	2.1	13.6	55	37.5
N813643		65	1.8	13.5	57	34.6
N813644		66	3.8	12.3	736	32.4
N813645		4	0.2	0.8	14	<0.5
N813646		64	7.0	14.0	106	37.1
N813647		67	6.6	15.3	465	76.2
N813648		71	3.4	14.5	65	121.0
N813649		65	3.6	12.9	51	111.5
N813650		64	3.8	14.1	52	116.5
N813651		71	3.5	15.0	59	122.0
N813652		3	0.1	0.9	18	0.7
N813653		66	5.3	13.9	317	53.5
N813654		57	5.0	14.7	114	38.4
N813655		69	6.6	14.3	111	36.0
N813656		69	6.0	14.7	182	34.8
N813657		69	6.0	13.7	92	36.6
N813658		58	4.9	9.5	5540	24.6
N813659		69	6.4	15.1	88	34.7
N813660		63	6.0	13.1	158	35.7
N813661		62	2.2	10.3	90	134.5
N813662		64	3.2	14.2	635	41.2
N813663		72	1.3	14.9	50	31.1
N813664		69	2.1	14.5	65	38.4
N813665		74	3.9	14.8	2540	31.1
N813666		71	2.3	11.6	59	27.4



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**CERTIFICATE OF ANALYSIS WH12171401**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12171402**

Project: Klaza-80/51

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12171402**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M899681		4.21	0.076	3.31	7.59	797	630	1.37	6.31	1.60	27.9	48.4	1.6	10	6.83	26.3
M899682		10.76	0.425	12.35	6.27	2340	450	0.96	34.0	1.74	6.44	49.5	16.2	11	5.66	89.9
M899683		9.65	0.120	1.02	7.45	665	680	1.27	2.24	2.54	3.99	44.2	7.5	10	10.15	18.3
M899684		0.26	0.757	10.00	7.07	1830	2020	1.29	6.94	1.91	42.4	43.8	17.2	21	16.60	111.0
M899685		7.61	0.535	0.70	7.69	913	820	1.19	2.18	2.89	1.37	63.0	33.7	9	10.40	10.3
M899686		5.83	0.552	3.24	7.33	597	730	1.23	7.98	2.85	6.84	56.6	15.2	8	9.79	77.8
M899687		9.91	0.056	1.61	8.00	55.6	690	1.41	3.85	1.92	1.65	39.7	43.0	10	9.59	42.8
M899688		12.43	0.011	0.28	7.57	19.3	1370	1.44	0.76	2.40	0.87	43.5	7.8	11	12.40	8.7
M899689		<0.02	0.009	0.33	7.47	16.9	1340	1.29	0.79	2.35	0.77	43.3	7.8	11	12.25	8.9
M899690		10.84	0.014	0.71	7.54	28.5	1590	1.26	1.48	2.63	1.94	37.6	6.0	11	12.10	34.1
M899691		8.89	0.007	0.28	7.81	12.9	940	1.43	0.81	2.26	0.40	44.7	11.1	15	11.40	3.9
M899692		8.53	0.012	0.67	7.95	17.1	840	1.25	1.66	1.37	1.33	67.5	25.4	12	7.82	13.3
M899693		5.67	0.128	3.52	7.24	276	980	1.26	7.28	1.48	15.10	71.1	35.1	11	6.67	76.2
M899694		6.87	0.007	0.30	7.29	14.2	1450	1.36	0.93	2.57	0.55	41.1	7.8	13	9.99	6.9
N813537		8.74	0.064	0.64	7.38	330	2130	1.38	0.42	2.21	3.78	54.7	5.3	11	19.30	16.4
N813538		7.84	0.026	1.00	7.81	70.0	2000	1.57	0.65	2.08	4.97	48.8	8.6	11	15.00	16.5
N813539		4.28	<0.005	0.05	7.30	33.9	1720	2.12	0.19	2.29	0.23	52.3	6.9	24	19.95	5.4
N813540		9.02	0.049	0.87	7.29	64.3	2710	1.42	0.75	3.13	9.60	66.5	5.1	10	13.85	31.1
N813541		1.77	<0.005	0.02	0.13	<5	30	0.07	0.09	20.9	0.11	1.80	0.6	1	0.31	4.6
N813542		8.27	0.013	0.65	7.17	42.0	1900	1.52	1.44	2.27	0.23	48.1	8.8	10	11.95	63.2
N813543		6.43	<0.005	0.19	7.60	13.8	2120	1.68	0.39	2.61	0.12	46.2	4.1	10	11.45	10.4
N813544		5.44	0.010	0.28	7.23	22.0	2200	1.76	0.40	2.82	0.77	55.4	4.0	9	11.60	29.7
N813545		0.26	4.34	>100	5.61	7880	1430	1.02	62.4	1.88	227	29.1	8.8	18	10.90	1245
N813546		6.39	0.016	1.19	7.61	66.0	2760	1.68	0.99	3.03	0.77	62.5	5.4	9	13.90	117.0
N813547		6.88	0.007	0.36	7.50	26.1	2160	1.45	0.38	2.66	0.44	39.5	4.9	10	9.23	22.7
N813548		12.84	0.085	1.08	7.40	392	2160	1.62	0.37	2.30	3.69	43.5	6.1	10	8.47	13.0
N813549		4.99	<0.005	0.18	6.82	8.0	1530	1.22	0.29	6.17	0.22	45.3	5.5	8	7.24	4.4
N813550		3.21	0.085	2.96	7.04	120.0	1480	1.15	2.88	3.18	100.0	55.2	7.5	9	9.39	197.5
N813551		2.62	<0.005	0.04	0.15	<5	40	0.07	0.10	20.7	0.20	1.25	0.8	3	0.48	2.2
N813552		9.33	0.670	17.55	6.59	557	1660	1.07	28.9	0.88	24.9	33.0	14.4	9	6.03	471
N813553		6.56	0.056	2.73	7.82	87.9	1820	1.42	5.02	1.53	5.53	28.1	5.7	10	8.31	20.9
N813554		12.74	0.010	0.54	7.15	20.2	1960	1.35	1.50	2.74	1.31	41.8	8.7	9	9.12	12.2
N813555		11.46	<0.005	0.36	7.36	8.7	2130	1.54	0.94	2.66	0.11	51.3	5.9	11	10.65	12.3
N813556		11.62	0.006	0.11	7.11	17.2	2680	1.30	0.30	2.26	1.23	46.2	5.5	9	10.80	16.7
N813557		4.73	<0.005	0.04	7.30	5.7	2450	1.48	0.20	2.49	0.11	48.9	5.6	12	12.75	8.4
N813558		1.90	<0.005	0.13	7.83	7.6	2530	1.74	0.21	2.54	0.17	50.7	5.6	14	10.75	4.9



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**CERTIFICATE OF ANALYSIS WH12171402**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899681		3.58	16.35	0.14	0.8	1.860	3.18	25.3	40.1	0.71	1970	9.14	0.05	6.4	1.8	550
M899682		8.77	16.00	0.14	0.8	0.642	2.59	28.6	15.6	0.75	1940	2.68	0.05	5.6	2.2	500
M899683		2.84	15.00	0.13	1.0	0.381	2.49	25.5	76.8	0.95	2570	2.99	0.12	6.4	2.6	560
M899684		5.32	15.30	0.10	1.4	0.894	2.69	26.3	24.7	0.70	2130	12.30	0.25	7.7	16.5	520
M899685		3.52	16.10	0.11	1.0	0.330	2.86	42.0	35.8	1.04	3550	1.71	0.08	6.0	4.4	570
M899686		4.03	18.50	0.13	1.0	0.586	2.66	31.4	50.7	1.00	2960	3.17	0.14	7.0	2.5	530
M899687		3.23	16.80	0.11	0.9	0.344	1.65	20.6	22.7	0.54	883	1.38	1.18	7.0	3.5	630
M899688		2.53	15.45	0.11	1.0	0.114	1.65	23.0	14.1	0.61	655	1.07	2.22	6.8	3.3	570
M899689		2.51	15.70	0.12	0.9	0.124	1.63	23.8	13.8	0.60	645	1.36	2.19	7.0	2.8	580
M899690		2.75	15.55	0.12	1.0	0.267	1.80	20.3	10.9	0.73	747	0.68	2.16	6.8	2.3	560
M899691		2.20	15.95	0.14	1.0	0.181	1.47	24.9	12.5	0.76	644	1.00	2.58	6.9	2.7	590
M899692		2.76	17.30	0.17	0.9	0.367	1.75	42.7	16.1	0.58	779	3.02	1.39	6.2	3.8	590
M899693		4.75	17.35	0.14	0.8	0.663	2.31	43.6	14.9	0.59	1040	4.51	0.26	5.8	5.1	540
M899694		2.45	15.30	0.12	1.2	0.339	1.78	23.4	9.6	0.69	730	1.14	1.90	6.2	2.4	510
N813537		3.15	14.90	0.15	1.3	0.104	2.96	38.3	23.5	0.87	1180	4.20	0.04	5.6	2.0	540
N813538		2.86	15.85	0.13	1.4	0.084	2.82	31.5	100.5	0.87	1150	2.78	0.03	5.7	2.6	640
N813539		2.70	18.40	0.15	4.2	0.034	2.38	29.0	317	0.88	662	0.45	0.04	10.9	8.6	1460
N813540		2.95	15.40	0.15	1.0	0.212	2.90	48.0	31.0	1.20	1880	1.37	0.03	5.7	3.0	550
N813541		0.46	0.29	0.11	<0.1	0.008	0.04	1.0	2.5	12.30	226	0.12	<0.01	0.2	1.7	180
N813542		2.39	15.65	0.14	1.4	0.122	3.07	30.0	30.2	0.85	877	3.23	0.04	6.1	3.1	560
N813543		3.11	16.10	0.12	1.4	0.043	2.73	25.2	33.5	0.70	610	1.14	0.55	6.9	2.4	610
N813544		2.91	16.00	0.14	1.2	0.053	2.83	32.9	36.0	0.86	777	0.67	0.16	5.7	2.2	550
N813545		7.71	12.55	0.10	1.1	4.24	2.14	16.1	29.3	0.60	3090	14.50	0.07	5.4	14.3	460
N813546		2.69	15.70	0.16	1.2	0.160	2.98	39.3	28.0	1.00	1320	5.17	0.04	5.4	2.8	550
N813547		2.75	15.95	0.14	1.3	0.072	2.92	21.8	36.9	0.71	737	1.40	0.07	6.5	2.5	610
N813548		3.18	16.60	0.12	1.3	0.072	2.99	25.4	36.0	0.69	672	1.71	0.07	6.4	2.5	600
N813549		2.10	14.35	0.12	1.1	0.036	2.64	27.6	46.8	0.78	975	4.21	0.03	5.1	2.3	560
N813550		4.45	14.30	0.13	1.2	0.619	3.03	35.7	21.4	0.92	2170	7.82	0.03	5.4	3.0	520
N813551		0.46	0.36	0.10	<0.1	0.005	0.06	0.7	1.8	12.30	223	0.22	0.01	0.2	2.5	190
N813552		6.40	14.15	0.13	1.1	0.657	2.90	17.9	9.6	0.54	1210	9.85	0.02	5.1	2.9	470
N813553		3.74	15.95	0.13	1.2	0.202	3.35	15.7	22.6	0.88	1320	6.79	0.03	5.4	3.0	570
N813554		2.88	15.10	0.07	1.3	0.108	3.38	20.8	25.1	0.77	1120	16.70	0.28	6.0	3.5	570
N813555		2.86	15.70	0.08	1.5	0.052	3.01	27.5	13.5	0.73	583	2.13	1.84	7.9	2.4	550
N813556		2.78	15.80	0.08	1.4	0.079	3.01	24.4	31.0	0.68	615	4.58	1.03	7.8	2.1	560
N813557		3.10	15.10	0.09	1.5	0.035	3.11	24.9	13.9	0.71	499	4.16	2.13	8.7	1.9	660
N813558		3.03	16.40	0.12	1.6	0.026	3.26	26.9	15.2	0.72	484	3.56	2.15	7.8	2.8	660



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Project: Klaza-80/51

**CERTIFICATE OF ANALYSIS WH12171402**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M899681		89.3	195.5	0.008	0.67	4.04	10.9	1	9.9	71.0	0.56	0.12	14.1	0.205	3.28	3.6
M899682		253	131.5	0.003	8.21	14.15	8.1	1	16.1	58.7	0.51	0.53	10.3	0.190	2.72	2.7
M899683		48.2	135.0	0.002	1.32	10.40	9.6	<1	5.1	123.0	0.61	<0.05	13.7	0.210	2.96	5.6
M899684		1395	169.0	0.003	3.32	32.4	9.3	1	5.9	162.0	0.62	0.31	13.4	0.212	2.83	6.0
M899685		44.8	181.0	0.002	2.59	9.57	9.7	<1	4.6	101.5	0.55	0.14	14.9	0.195	3.37	5.4
M899686		114.5	154.5	0.002	3.08	16.85	10.5	1	10.7	107.5	0.60	0.27	14.2	0.213	2.97	5.2
M899687		51.2	74.6	0.003	1.78	9.90	10.6	1	5.1	174.0	0.61	0.22	11.8	0.245	1.89	3.2
M899688		23.8	66.9	0.004	0.47	5.20	9.6	1	2.4	410	0.61	<0.05	12.9	0.231	1.05	3.2
M899689		21.9	65.9	0.002	0.45	5.20	9.6	1	2.5	400	0.58	<0.05	12.8	0.233	1.06	3.2
M899690		40.8	72.4	0.002	0.69	5.71	9.7	1	3.3	379	0.58	0.09	12.4	0.214	1.05	3.5
M899691		15.7	58.7	0.003	0.52	4.62	9.8	1	2.5	358	0.61	0.05	13.5	0.226	1.06	3.0
M899692		30.7	83.2	0.006	0.99	8.44	10.2	1	4.8	173.5	0.54	0.12	16.6	0.209	1.49	3.2
M899693		409	116.5	0.007	2.77	11.65	9.6	1	10.7	67.5	0.50	0.25	12.6	0.190	1.88	3.5
M899694		23.0	81.3	<0.002	0.60	3.86	8.9	<1	2.7	270	0.64	0.07	16.5	0.174	1.43	4.8
N813537		96.7	174.0	0.006	0.76	19.00	9.4	<1	2.3	73.5	0.56	<0.05	15.3	0.195	2.57	5.7
N813538		112.5	143.0	0.002	0.68	19.90	9.8	1	2.2	122.5	0.46	0.06	11.2	0.210	2.54	6.2
N813539		10.7	64.8	0.002	0.05	18.30	5.8	<1	1.6	446	0.72	<0.05	7.7	0.367	1.65	4.4
N813540		131.0	171.5	0.004	0.90	13.10	9.6	1	2.3	105.5	0.49	<0.05	13.4	0.173	2.75	6.6
N813541		1.6	2.1	0.003	0.01	0.34	0.3	<1	0.4	42.1	<0.05	<0.05	0.2	<0.005	0.03	0.6
N813542		20.5	120.0	<0.002	0.68	19.05	8.7	<1	1.4	84.0	0.58	0.17	12.7	0.199	2.37	5.3
N813543		13.9	103.5	<0.002	0.22	7.22	9.8	<1	1.3	192.5	0.71	<0.05	12.2	0.210	1.69	5.3
N813544		36.0	104.0	<0.002	0.35	7.49	9.2	<1	1.5	137.5	0.52	<0.05	12.5	0.185	1.90	5.3
N813545		9430	125.0	0.002	7.34	219	7.3	1	8.4	124.0	0.43	0.38	8.3	0.185	2.21	5.6
N813546		34.5	149.0	0.003	0.63	19.25	9.2	<1	1.7	97.8	0.51	<0.05	13.3	0.171	2.50	5.4
N813547		29.1	104.5	0.003	0.37	10.20	9.2	<1	1.5	121.5	0.58	<0.05	10.7	0.216	1.75	4.4
N813548		227	132.0	0.002	0.56	10.75	9.2	1	1.7	129.5	0.62	<0.05	11.8	0.191	1.95	4.4
N813549		15.5	118.5	0.003	0.24	7.99	7.9	<1	1.2	196.5	0.46	<0.05	10.7	0.183	1.95	6.7
N813550		156.0	189.5	0.002	2.23	13.95	8.8	<1	4.9	95.4	0.49	0.08	13.0	0.191	2.78	5.6
N813551		2.0	3.4	0.002	0.02	0.32	0.4	<1	0.4	42.5	<0.05	<0.05	<0.2	0.005	0.03	0.5
N813552		265	174.5	0.004	6.11	55.5	8.1	1	6.1	50.9	0.53	0.66	11.6	0.165	2.79	4.1
N813553		77.3	199.5	0.004	1.42	9.81	9.5	1	2.9	57.2	0.51	0.18	15.1	0.191	3.11	5.6
N813554		54.8	142.5	0.003	0.63	9.07	9.6	1	1.7	119.0	0.50	0.18	12.6	0.185	2.66	6.2
N813555		19.3	113.0	<0.002	0.24	3.62	10.4	1	1.3	303	0.68	<0.05	13.2	0.228	1.47	5.2
N813556		22.9	109.5	0.002	0.20	10.85	10.2	1	1.2	219	0.65	0.05	12.8	0.227	1.53	4.4
N813557		18.2	108.5	0.002	0.07	4.05	11.6	1	1.3	352	0.68	<0.05	13.0	0.267	1.19	5.1
N813558		19.4	110.5	0.005	0.07	3.95	10.5	1	1.5	358	0.69	<0.05	12.8	0.264	1.25	4.5



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**CERTIFICATE OF ANALYSIS WH12171402**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M899681		72	2.8	10.5	2350	18.9		
M899682		60	9.8	8.6	587	19.1		
M899683		69	3.0	13.0	389	25.6		
M899684		59	5.3	12.0	3090	39.9		
M899685		62	2.4	12.5	170	26.0		
M899686		61	6.2	13.9	626	25.7		
M899687		70	1.7	13.6	184	23.3		
M899688		66	1.3	14.3	121	24.4		
M899689		64	1.3	13.9	111	23.0		
M899690		59	1.4	14.5	204	24.9		
M899691		62	1.2	14.1	82	24.0		
M899692		69	1.7	15.2	163	23.4		
M899693		71	3.7	13.7	1310	21.3		
M899694		57	1.0	14.7	90	30.0		
N813537		65	2.9	11.0	305	35.5		
N813538		74	2.6	10.9	332	38.0		
N813539		68	2.0	9.9	83	178.5		
N813540		59	3.1	14.1	790	30.2		
N813541		2	0.1	0.9	18	1.0		
N813542		65	3.1	10.9	57	34.2		
N813543		69	1.7	12.0	49	34.3		
N813544		65	2.0	11.9	103	33.1		
N813545		53	4.3	8.5	>10000	31.6	123	1.635
N813546		62	2.4	13.4	99	32.4		
N813547		68	2.6	11.7	69	36.1		
N813548		64	2.1	11.0	306	36.0		
N813549		62	1.6	12.1	62	27.9		
N813550		63	3.4	10.0	7170	31.3		
N813551		3	0.1	0.8	22	<0.5		
N813552		51	5.1	6.9	2050	28.4		
N813553		61	3.8	7.1	483	33.0		
N813554		68	1.7	12.7	158	35.8		
N813555		65	1.3	15.9	45	41.3		
N813556		67	2.4	15.3	118	41.6		
N813557		74	1.3	17.8	42	41.0		
N813558		71	1.2	15.6	48	42.1		



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**CERTIFICATE OF ANALYSIS WH12171402**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12171403**

Project: Klaza-82/88

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-82/88

**CERTIFICATE OF ANALYSIS WH12171403**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810520		11.75	0.033	0.12	7.39	45.3	890	1.56	0.19	2.99	0.09	43.6	5.5	9	12.30	11.7
N810521		0.26	2.29	24.6	5.74	3590	770	1.28	18.20	2.08	75.0	41.8	10.0	18	12.70	413
N810522		14.27	0.089	0.23	7.14	98.7	2060	1.85	0.11	3.24	0.26	48.9	6.2	9	13.70	8.5
N810523		12.94	0.116	0.21	7.01	73.4	2080	1.74	0.09	2.77	0.13	45.9	5.6	8	13.70	9.4
N810524		7.46	0.010	0.08	7.00	15.6	1710	1.67	0.10	2.93	0.08	44.2	5.4	7	13.80	7.1
N810525		2.36	0.010	0.06	7.63	12.0	2600	1.83	0.11	3.24	0.08	46.6	5.7	8	15.15	9.5
N810526		8.64	0.128	0.49	7.39	63.8	3130	1.57	1.49	1.95	0.58	48.4	6.1	8	18.45	19.5
N810527		10.96	0.031	0.40	7.87	23.2	2090	1.57	0.84	2.33	0.55	46.5	6.8	9	9.52	7.8
N810528		6.84	0.016	0.50	7.28	25.9	1990	1.50	1.47	2.30	1.06	44.4	9.2	9	15.55	12.5
N810529		6.60	<0.005	0.13	7.54	12.2	2450	1.60	0.20	2.28	0.16	43.0	4.5	12	7.75	2.8
N810530		4.46	0.037	0.40	7.06	48.3	1900	1.34	0.97	1.95	0.96	36.5	4.6	8	10.55	9.9
N810531		7.78	0.009	0.18	7.18	13.3	2140	1.22	0.19	1.58	0.56	28.6	4.1	8	8.16	7.6
N810532		5.28	0.105	2.31	7.15	166.5	1380	1.55	4.51	2.02	1.44	39.8	6.3	8	13.90	49.2
N810533		2.81	<0.005	0.04	0.10	<5	30	0.07	0.03	20.6	0.06	1.51	0.6	1	0.22	1.9
N810534		3.78	0.022	0.09	7.73	8.5	2220	1.44	0.15	2.44	0.20	43.5	4.3	13	7.92	8.6
N810535		2.63	<0.005	0.04	7.05	2.7	2160	1.30	0.14	2.56	0.10	33.8	8.0	23	5.21	5.6
N810536		5.45	0.139	2.20	7.13	121.5	1700	1.33	6.66	2.10	2.25	41.3	8.6	10	14.15	52.1
N810537		6.10	<0.005	0.05	7.27	4.7	2220	1.37	0.15	2.62	0.13	38.3	8.5	13	5.52	6.8
N810538		7.74	<0.005	0.01	7.36	2.3	2090	1.42	0.09	2.58	0.09	39.8	8.9	14	5.25	5.8
N810539		8.90	<0.005	0.02	7.86	2.8	2100	1.44	0.09	2.73	0.07	44.5	8.6	12	5.15	5.8
N810540		6.52	<0.005	0.05	7.55	10.8	1610	1.34	0.26	2.23	0.12	39.3	7.8	11	12.55	8.5
N810541		0.26	4.39	>100	5.47	8260	330	1.00	52.3	1.89	222	31.1	9.3	19	10.65	1240
N810542		3.23	0.197	2.30	6.76	86.0	1270	1.28	3.30	2.60	3.58	41.0	10.0	9	11.70	30.4
N810543		5.53	0.009	0.59	7.20	33.1	1560	1.59	1.28	1.83	1.91	38.2	11.0	10	13.80	18.3
N810544		3.43	0.045	1.74	6.87	239	1070	1.23	1.24	3.56	10.10	42.7	11.2	9	9.80	11.2
N810545		2.29	<0.005	0.02	0.10	<5	40	0.06	0.03	19.80	0.09	1.49	1.3	2	0.25	2.1
N810546		3.73	0.021	1.17	7.26	101.0	1460	1.49	1.83	3.00	5.24	44.2	9.2	10	10.95	17.8
N810547		4.39	<0.005	0.22	7.20	28.1	1340	1.57	0.81	2.79	0.49	37.8	7.8	10	17.15	13.9
N810548		3.04	<0.005	0.08	7.63	17.1	1710	1.71	0.26	2.70	0.24	41.4	6.7	10	16.70	24.0
N810549		4.13	<0.005	0.19	7.40	85.7	1870	1.45	0.32	2.58	1.54	40.7	6.8	10	9.77	8.6
N810550		6.79	<0.005	0.04	7.39	4.2	2180	1.48	0.14	2.74	0.10	36.1	7.6	12	6.11	5.2
N810551		2.67	0.005	0.41	7.31	22.8	1860	1.41	1.42	2.28	0.29	39.7	11.0	10	9.79	11.4
N810552		4.02	<0.005	0.06	7.67	9.3	1460	1.15	0.38	1.60	0.23	37.7	8.4	9	10.50	8.6
N810553		2.47	<0.005	0.26	7.28	41.8	2570	1.50	0.77	2.40	0.40	45.7	8.5	11	14.70	14.3
N810554		7.03	<0.005	0.06	7.66	4.5	2070	1.55	0.25	2.33	0.10	39.2	8.4	11	9.82	5.3
N810555		<0.02	<0.005	0.05	8.01	4.7	2120	1.58	0.27	2.37	0.08	46.6	8.5	12	9.99	5.2



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**CERTIFICATE OF ANALYSIS WH12171403**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810520		2.47	15.40	0.10	3.1	0.028	2.68	22.2	39.1	0.95	706	2.39	0.03	8.2	3.7	730
N810521		6.28	12.60	0.08	0.9	1.465	2.49	24.4	21.3	0.84	1870	12.25	0.03	5.3	14.4	440
N810522		2.66	16.30	0.08	2.9	0.035	2.86	25.9	24.5	1.07	943	2.33	0.02	8.2	4.6	700
N810523		2.40	16.05	0.09	2.9	0.027	2.86	23.3	26.2	0.92	928	1.85	0.02	8.4	3.9	670
N810524		2.46	16.05	0.08	3.0	0.022	2.42	21.4	32.9	0.96	800	1.12	0.05	8.5	3.8	680
N810525		2.65	17.55	0.09	3.2	0.033	2.81	23.6	32.4	1.06	859	1.04	0.03	9.3	4.0	760
N810526		3.02	15.45	0.10	1.1	0.411	2.47	25.8	31.7	0.73	881	1.65	0.15	6.9	2.8	590
N810527		3.01	15.00	0.08	1.0	0.251	2.64	22.8	19.0	0.78	656	3.48	2.02	7.1	2.4	640
N810528		3.32	14.85	0.08	0.8	1.190	2.31	24.5	23.5	0.76	718	1.83	1.61	6.5	2.3	580
N810529		2.82	14.65	0.06	0.9	0.063	2.93	20.8	19.4	0.78	748	1.37	2.40	7.3	2.3	610
N810530		3.16	14.15	0.10	0.8	0.137	2.74	17.4	25.3	0.69	1020	1.22	0.27	6.7	2.3	560
N810531		2.83	15.20	0.14	0.9	0.073	2.84	11.7	24.8	0.49	814	1.30	0.43	7.5	2.1	610
N810532		3.50	15.35	0.10	1.1	0.205	2.89	19.5	23.3	0.67	1210	3.90	0.14	7.4	2.6	590
N810533		0.48	0.24	0.06	<0.1	0.005	0.03	0.7	1.3	12.15	218	0.11	0.01	0.2	1.8	190
N810534		2.77	16.75	0.14	0.9	0.084	2.86	22.5	13.4	0.76	620	1.56	2.28	8.3	3.9	570
N810535		2.86	16.10	0.13	1.4	0.039	2.65	17.4	11.5	0.80	687	0.79	2.06	7.9	3.4	550
N810536		3.46	15.75	0.14	1.3	0.108	2.65	21.1	47.6	0.68	1660	0.88	0.55	7.7	3.1	570
N810537		2.90	16.25	0.15	1.4	0.036	2.50	19.3	12.4	0.83	721	0.68	2.08	8.1	3.3	590
N810538		2.97	16.80	0.15	1.3	0.037	2.52	19.6	16.5	0.86	687	0.73	2.15	8.0	3.6	580
N810539		2.96	16.60	0.15	1.3	0.037	2.52	22.8	14.1	0.90	696	0.70	2.12	8.1	3.3	620
N810540		2.85	17.30	0.16	1.4	0.037	2.43	20.0	49.8	0.70	746	0.75	0.95	8.2	3.2	600
N810541		8.02	12.95	0.18	1.0	4.78	2.25	16.3	27.9	0.62	3040	15.90	0.08	5.6	14.6	450
N810542		3.93	14.80	0.13	1.2	0.136	2.78	21.8	33.7	0.95	1810	1.42	0.16	7.2	3.2	520
N810543		3.29	17.00	0.12	1.3	0.080	2.91	20.3	37.2	0.68	1580	1.76	0.07	7.6	3.2	570
N810544		3.96	15.35	0.15	1.2	0.233	3.03	23.7	15.4	1.19	4510	1.40	0.03	7.0	3.0	510
N810545		0.48	0.32	0.11	<0.1	0.005	0.04	0.7	1.0	12.70	224	0.20	0.01	0.5	2.5	200
N810546		3.30	15.80	0.16	1.4	0.115	3.24	23.3	11.7	1.05	2710	2.90	0.05	8.1	3.1	550
N810547		2.78	16.30	0.15	1.5	0.042	3.05	19.3	37.3	0.79	988	1.47	0.55	8.5	3.1	580
N810548		3.01	17.20	0.15	1.5	0.077	2.46	21.0	92.0	0.85	902	1.04	1.04	8.7	3.0	630
N810549		3.33	16.90	0.16	1.4	0.130	2.93	20.8	26.2	0.82	1250	1.16	1.46	8.1	3.3	590
N810550		3.00	17.50	0.15	1.3	0.041	2.66	18.5	16.6	0.78	636	1.01	2.08	7.9	3.1	600
N810551		3.11	16.60	0.16	1.3	0.047	2.69	20.2	25.8	0.87	972	1.21	0.23	7.6	5.1	580
N810552		2.94	17.45	0.15	1.4	0.038	2.08	19.8	45.6	0.63	858	1.24	0.07	8.6	3.0	630
N810553		2.98	16.55	0.16	1.4	0.049	2.54	24.1	47.6	0.83	959	3.53	0.31	8.0	3.6	630
N810554		3.04	18.25	0.16	1.4	0.040	2.59	19.5	20.4	0.71	649	2.31	1.64	8.1	3.3	630
N810555		3.19	18.55	0.18	1.3	0.041	2.65	23.2	20.4	0.75	663	1.62	1.67	8.3	3.6	650



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**CERTIFICATE OF ANALYSIS WH12171403**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810520		18.2	120.5	<0.002	0.26	12.30	6.0	<1	2.0	190.0	0.70	<0.05	8.5	0.265	2.65	5.4
N810521		2570	149.0	0.002	4.58	81.2	7.5	<1	7.6	88.0	0.43	0.39	9.5	0.178	2.17	4.8
N810522		23.4	141.5	<0.002	0.53	7.18	6.3	<1	1.6	376	0.68	<0.05	8.6	0.247	2.91	5.6
N810523		18.5	130.5	<0.002	0.55	8.09	6.3	1	1.7	279	0.68	<0.05	8.1	0.246	3.01	5.2
N810524		13.4	106.5	0.002	0.12	5.61	6.3	<1	1.4	380	0.69	<0.05	7.9	0.254	2.42	5.4
N810525		12.3	114.5	<0.002	0.11	7.37	7.1	<1	1.8	433	0.72	<0.05	8.3	0.291	2.57	5.8
N810526		24.7	130.0	<0.002	0.65	15.95	9.4	1	3.1	150.0	0.60	0.07	12.1	0.224	1.84	4.0
N810527		34.9	98.6	0.002	0.34	5.05	9.9	<1	2.2	355	0.62	<0.05	11.9	0.257	1.17	3.7
N810528		48.9	104.0	<0.002	0.81	11.15	9.0	1	3.6	257	0.58	0.29	12.2	0.239	1.31	3.8
N810529		18.2	89.5	<0.002	0.05	3.37	8.8	<1	1.9	409	0.66	<0.05	10.2	0.257	1.03	3.5
N810530		33.6	82.5	<0.002	0.53	9.30	8.0	<1	2.3	131.0	0.60	0.12	9.4	0.232	1.65	2.7
N810531		23.3	66.5	0.002	0.10	11.50	7.2	<1	2.1	162.5	0.65	<0.05	7.5	0.263	1.39	2.4
N810532		78.9	103.5	0.002	1.30	24.6	8.8	<1	3.7	124.0	0.62	0.05	9.6	0.246	2.09	5.3
N810533		1.6	1.6	<0.002	0.02	0.16	0.2	<1	0.3	52.6	<0.05	<0.05	<0.2	<0.005	0.02	0.9
N810534		20.8	102.0	<0.002	0.05	3.30	10.5	1	1.4	388	0.71	<0.05	14.0	0.246	1.18	5.2
N810535		18.6	82.1	<0.002	0.03	0.70	10.3	1	1.5	348	0.69	<0.05	11.3	0.255	1.05	4.8
N810536		117.0	107.5	<0.002	0.67	16.75	11.5	1	1.9	160.0	0.67	0.21	12.7	0.252	1.69	4.9
N810537		19.1	83.1	<0.002	0.04	0.97	11.7	1	1.5	358	0.72	<0.05	12.3	0.256	1.00	4.5
N810538		17.5	84.3	<0.002	0.01	0.43	12.4	1	1.6	374	0.70	<0.05	12.4	0.260	0.91	3.4
N810539		17.3	90.8	<0.002	0.04	0.73	12.5	1	1.7	373	0.69	<0.05	14.3	0.269	0.93	4.3
N810540		14.7	84.8	<0.002	0.10	8.94	12.1	1	2.2	220	0.73	<0.05	14.0	0.267	1.28	4.9
N810541		9330	129.0	<0.002	6.95	209	7.2	2	8.2	120.0	0.46	0.48	9.2	0.177	2.13	5.8
N810542		141.5	126.0	<0.002	0.89	20.9	10.2	1	1.9	92.9	0.63	<0.05	13.1	0.234	2.04	5.1
N810543		78.9	129.5	<0.002	0.40	13.65	12.4	1	2.3	73.9	0.67	<0.05	14.2	0.254	2.18	6.2
N810544		281	207	<0.002	1.41	13.80	10.3	1	1.7	82.6	0.62	<0.05	14.7	0.222	2.83	6.2
N810545		2.5	2.3	<0.002	0.02	0.06	0.3	1	<0.2	50.9	<0.05	<0.05	0.2	<0.005	0.02	0.9
N810546		219	182.5	<0.002	0.96	10.85	11.2	1	1.7	80.1	0.78	<0.05	15.7	0.244	2.86	7.1
N810547		23.6	112.0	<0.002	0.27	7.50	10.8	1	1.7	159.0	0.79	<0.05	13.8	0.264	2.10	5.6
N810548		22.0	96.1	<0.002	0.13	9.31	12.7	1	2.1	284	0.88	<0.05	13.8	0.270	1.64	7.5
N810549		36.2	121.5	0.002	0.27	6.70	11.8	1	1.6	283	0.77	<0.05	13.4	0.260	1.72	5.0
N810550		19.0	83.4	<0.002	0.02	2.00	12.0	1	1.7	374	0.71	<0.05	12.3	0.266	1.06	4.4
N810551		32.1	114.5	<0.002	0.59	10.35	12.0	1	1.8	99.9	0.65	<0.05	14.2	0.251	1.71	5.7
N810552		14.8	76.3	<0.002	0.08	15.15	13.6	1	1.8	79.1	0.78	<0.05	14.7	0.269	1.06	3.8
N810553		22.3	109.0	<0.002	0.32	19.45	13.5	1	2.1	120.5	0.74	<0.05	14.9	0.262	1.72	9.3
N810554		18.8	88.6	<0.002	0.03	4.39	12.9	1	1.8	309	0.73	<0.05	11.9	0.278	1.15	3.8
N810555		19.0	95.9	<0.002	0.03	4.40	13.7	1	1.9	315	0.74	<0.05	13.7	0.290	1.18	4.1



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**CERTIFICATE OF ANALYSIS WH12171403**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810520		66	4.4	11.8	62	100.5		
N810521		56	5.0	8.9	5090	23.4		
N810522		63	7.7	12.6	70	104.0		
N810523		61	8.7	12.0	61	100.0		
N810524		63	2.6	12.2	56	107.0		
N810525		72	2.3	13.4	65	119.5		
N810526		66	3.2	16.6	94	32.1		
N810527		73	1.7	16.3	84	23.2		
N810528		66	2.7	14.4	130	20.8		
N810529		70	1.0	14.7	56	21.4		
N810530		67	3.4	12.0	118	20.8		
N810531		75	3.3	10.3	80	22.1		
N810532		69	4.1	12.5	153	27.3		
N810533		2	0.1	0.9	17	<0.5		
N810534		67	1.2	18.3	47	25.9		
N810535		71	3.2	15.1	53	37.7		
N810536		71	4.5	15.7	278	33.5		
N810537		73	1.6	16.9	59	35.7		
N810538		74	1.5	17.2	54	34.5		
N810539		76	1.3	18.0	52	33.3		
N810540		75	3.5	15.9	52	37.1		
N810541		52	4.4	10.2	>10000	32.4	120	1.625
N810542		68	3.5	16.3	366	30.8		
N810543		73	3.7	14.9	282	32.9		
N810544		64	2.9	15.9	772	30.5		
N810545		2	0.1	1.0	19	<0.5		
N810546		69	2.6	16.0	403	36.3		
N810547		75	4.0	15.2	96	39.4		
N810548		76	3.0	17.2	73	37.9		
N810549		72	2.6	16.0	217	34.0		
N810550		76	1.6	15.4	51	32.5		
N810551		74	2.8	16.3	65	33.7		
N810552		72	9.9	16.8	68	34.7		
N810553		74	4.3	17.1	72	34.2		
N810554		76	3.7	15.5	54	35.1		
N810555		79	3.9	16.8	54	33.4		



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Project: Klaza-82/88

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Finalized Date: 11-AUG-2012  
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**CERTIFICATE OF ANALYSIS WH12171403**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12171404**

Project: Klaza-85/87

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 11-AUG-2012  
Account: ROCKHA

Project: Klaza-85/87

**CERTIFICATE OF ANALYSIS WH12171404**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N810183		6.31	<0.005	0.17	7.05	13.1	490	1.49	0.24	4.77	0.88	35.5	2.5	8	10.35	3.2
N810184		5.62	0.140	4.21	7.53	115.0	1290	1.56	6.99	2.24	3.05	38.0	5.1	9	11.10	179.0
N810185		0.20	0.735	9.14	6.84	1870	450	1.47	6.06	1.88	41.1	39.5	18.6	20	14.35	116.5
N810186		11.55	0.010	0.19	7.11	15.5	1470	1.68	0.26	2.51	0.21	30.0	5.0	10	13.50	22.9
N810187		8.85	<0.005	0.11	7.66	12.5	1360	1.63	0.12	3.20	0.24	39.1	3.5	10	18.00	7.0
N810188		5.75	0.005	0.29	7.75	21.9	1430	1.54	0.53	2.02	2.88	38.6	3.9	9	17.35	19.7
N810189		6.91	0.443	4.80	7.02	417	900	1.29	7.47	2.04	2.70	36.9	9.5	9	9.52	119.0
N810190		1.11	<0.005	0.02	0.09	<5	160	0.05	0.03	19.65	0.07	1.22	1.3	2	0.18	3.0
N810191		7.33	0.015	0.40	7.37	89.7	510	1.30	0.41	1.84	1.34	34.4	3.3	9	9.10	3.1
N810192		4.63	0.008	0.66	7.29	78.3	470	1.65	0.44	2.15	1.99	26.4	2.7	12	8.82	14.6
N810193		3.17	0.029	0.20	7.62	25.8	830	1.52	0.15	3.65	0.76	35.6	4.0	12	9.44	6.2
N810194		3.39	0.045	0.25	7.19	35.9	800	1.56	0.13	3.81	0.77	31.4	4.1	13	9.37	6.2
N810195		5.96	0.006	0.15	7.34	57.6	1560	1.56	0.15	2.19	1.24	32.7	3.5	16	11.45	3.4
N810196		3.28	0.051	1.23	7.82	102.0	1790	1.52	2.37	1.43	0.90	40.3	4.2	9	10.95	38.9
N810197		4.32	<0.005	0.04	7.70	15.2	840	1.31	1.64	8.51	0.27	36.1	7.0	7	14.80	2.3
N810198		3.23	0.012	0.18	6.82	34.7	2970	1.82	1.12	4.28	0.54	35.6	7.7	8	23.2	9.5
N810199		2.95	<0.005	0.03	6.13	4.5	2330	1.33	0.16	3.81	0.16	36.7	8.1	8	11.00	3.5
N810200		4.79	<0.005	0.09	6.91	3.5	1690	1.32	0.09	2.90	0.11	37.4	8.1	10	10.10	6.8
N810201		4.69	<0.005	0.10	7.30	5.4	1880	1.35	0.32	2.82	0.15	41.7	8.9	9	9.47	8.3
N810202		0.22	0.805	9.18	6.89	1705	1650	1.43	5.81	1.93	38.0	42.3	16.7	20	16.20	109.5
N810203		5.19	<0.005	0.15	7.11	4.5	2150	1.39	0.40	2.71	0.17	38.6	8.6	11	7.78	5.3
N810204		3.24	<0.005	0.14	7.67	3.0	1890	1.40	0.76	3.21	0.10	49.5	9.7	15	8.56	11.2
N810205		2.47	<0.005	0.11	7.70	2.9	2100	1.49	0.73	3.01	0.10	43.0	9.7	10	8.84	9.4
N810206		<0.02	<0.005	0.10	7.57	3.4	2070	1.62	0.65	2.98	0.11	43.8	9.2	12	8.57	7.9
N810207		3.50	<0.005	0.09	6.74	7.9	1130	1.28	0.66	3.30	0.15	39.7	8.2	9	14.90	7.5
N810208		4.60	<0.005	0.10	7.24	4.6	1850	1.38	0.49	2.65	0.09	40.4	8.7	13	10.30	7.6
N810209		1.68	<0.005	0.14	6.94	8.2	1160	1.28	0.32	3.24	0.09	39.5	8.0	12	15.20	5.8
N810210		2.17	<0.005	0.11	7.18	5.0	1720	1.34	0.47	2.77	0.10	37.9	8.4	11	15.70	7.0
N810211		2.15	0.250	3.18	7.16	35.5	1610	1.46	2.61	2.76	0.44	38.8	9.7	10	27.3	174.5
N810212		2.14	<0.005	0.02	0.07	<5	20	0.05	0.03	20.5	0.07	1.45	1.2	1	0.23	1.2
N810213		2.85	<0.005	0.24	7.19	19.9	1450	1.56	0.60	2.87	0.21	40.4	8.8	9	24.0	12.5
N810214		1.70	<0.005	0.03	7.50	30.1	1170	1.35	0.09	3.49	0.31	69.4	9.5	33	31.0	4.0
N810215		3.63	<0.005	0.13	6.86	8.7	3070	1.30	0.22	3.93	0.14	42.3	8.4	9	14.95	11.0
N810216		5.48	0.435	0.33	7.28	20.5	1550	1.16	0.93	2.01	0.05	37.8	13.6	9	13.00	5.4
N810217		4.54	0.012	0.24	7.35	23.7	840	1.37	0.49	1.81	0.65	42.4	8.0	8	15.15	3.2
N810218		3.50	<0.005	0.14	7.83	11.9	1270	1.44	0.27	2.75	0.42	44.0	8.1	10	26.2	6.4





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Account: ROCKHA

Project: Klaza-85/87

**CERTIFICATE OF ANALYSIS WH12171404**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810183		2.05	17.80	0.14	0.8	0.151	1.49	13.3	35.5	0.80	1060	0.86	0.80	8.4	2.0	700
N810184		4.48	17.85	0.16	0.7	0.383	2.11	18.5	47.1	0.92	1680	1.28	0.07	7.6	3.3	640
N810185		5.28	16.10	0.18	1.3	0.971	2.83	21.1	25.2	0.70	2000	13.35	0.26	7.6	17.5	510
N810186		2.36	17.80	0.13	0.8	0.101	1.47	14.2	292	0.70	679	47.6	0.08	7.7	3.4	670
N810187		2.58	17.85	0.15	0.8	0.060	1.54	19.2	77.6	0.64	457	1.72	1.83	8.0	3.1	630
N810188		3.37	18.55	0.16	0.9	0.205	2.04	19.6	150.5	0.64	685	1.56	0.34	8.5	2.6	610
N810189		3.95	16.35	0.19	0.6	0.308	2.69	15.9	60.1	0.88	1740	0.78	0.07	5.1	2.2	500
N810190		0.48	0.30	0.11	<0.1	0.005	0.03	0.6	1.2	12.60	221	0.15	<0.01	0.4	2.8	180
N810191		1.80	16.85	0.19	0.7	0.248	1.84	13.0	146.0	0.68	767	0.38	0.10	6.3	1.8	610
N810192		1.74	19.15	0.18	0.9	0.158	1.04	10.5	192.0	0.56	690	0.60	0.09	8.6	2.5	810
N810193		2.24	18.50	0.17	0.9	0.078	1.04	15.8	50.7	0.87	640	0.81	1.21	8.1	3.2	780
N810194		2.15	18.75	0.16	0.9	0.079	0.98	13.5	49.5	0.81	653	0.78	1.40	8.3	3.1	790
N810195		2.46	18.00	0.14	0.8	0.086	2.05	15.4	156.0	0.70	501	0.42	0.37	7.4	2.7	640
N810196		3.84	18.25	0.18	0.8	0.195	3.00	21.0	65.5	0.58	683	1.69	0.16	7.1	2.9	610
N810197		4.31	26.7	0.13	1.1	0.099	1.16	15.8	21.2	0.57	1400	0.18	0.87	8.2	2.6	630
N810198		2.77	18.05	0.11	1.1	0.070	2.05	15.7	44.0	0.65	1560	0.19	0.88	7.7	2.8	630
N810199		2.71	15.10	0.11	1.1	0.032	1.78	17.5	17.3	0.87	941	0.25	1.75	6.6	2.5	500
N810200		2.85	15.15	0.11	1.1	0.035	2.03	17.5	15.4	0.72	747	0.74	2.02	7.5	2.6	590
N810201		2.89	15.80	0.13	1.0	0.038	1.96	20.0	16.3	0.87	770	0.39	2.03	7.8	2.8	610
N810202		5.28	14.45	0.13	1.2	0.856	2.81	21.6	25.4	0.70	2010	11.65	0.27	7.6	15.1	500
N810203		2.95	15.85	0.11	1.0	0.036	2.17	17.9	15.8	0.84	835	0.97	2.12	7.9	3.0	600
N810204		3.35	16.00	0.14	1.1	0.042	2.27	23.9	11.7	1.00	987	2.85	2.10	8.2	3.2	690
N810205		3.44	16.45	0.15	1.0	0.039	2.22	20.0	12.4	0.94	886	2.43	2.08	8.6	3.1	730
N810206		3.37	15.80	0.10	1.0	0.038	2.17	19.5	13.5	0.92	865	1.78	2.04	8.3	3.0	710
N810207		2.92	15.25	0.12	0.9	0.038	2.38	18.6	49.5	0.85	1360	0.73	0.97	7.7	2.9	620
N810208		3.17	15.95	0.12	0.9	0.037	2.46	19.1	16.6	0.77	732	0.70	1.90	7.7	2.8	630
N810209		2.93	15.10	0.14	0.9	0.038	2.77	19.3	21.9	0.90	1160	0.37	0.91	7.2	2.7	580
N810210		3.15	15.60	0.13	0.9	0.037	2.40	17.6	24.3	0.77	902	0.44	1.73	7.6	3.0	620
N810211		3.27	15.60	0.13	1.0	0.084	2.52	18.0	33.0	0.68	962	0.63	1.56	7.5	2.9	600
N810212		0.48	0.28	<0.05	<0.1	<0.005	0.03	0.7	1.1	12.90	210	0.09	0.01	0.3	2.7	590
N810213		2.90	15.50	0.11	0.9	0.047	2.88	19.1	44.0	0.92	907	1.25	1.23	7.5	4.3	640
N810214		3.48	18.50	0.13	3.8	0.035	2.08	32.9	74.0	1.14	729	0.59	1.15	12.0	12.3	1660
N810215		3.05	14.55	0.12	1.0	0.040	2.64	20.9	46.2	1.17	1140	1.37	0.60	7.3	3.1	600
N810216		5.30	15.55	0.12	0.8	0.111	2.93	19.9	27.7	0.85	2060	0.41	0.48	7.3	2.5	620
N810217		5.86	16.90	0.15	0.9	0.187	3.32	22.6	56.0	0.92	3040	0.47	0.03	7.2	2.7	590
N810218		3.47	15.40	0.11	0.9	0.054	2.56	22.2	369	0.92	2000	0.34	0.04	7.4	2.7	640



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Account: ROCKHA

Project: Klaza-85/87

**CERTIFICATE OF ANALYSIS WH12171404**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810183		27.3	56.3	<0.002	0.13	5.07	12.8	1	2.6	211	0.60	<0.05	9.0	0.260	1.36	3.5
N810184		152.5	83.1	<0.002	1.15	27.9	13.0	1	3.2	94.2	0.58	0.07	10.5	0.260	1.91	3.6
N810185		1340	153.0	<0.002	3.09	33.4	10.2	1	5.7	148.5	0.65	0.26	13.1	0.208	2.50	5.7
N810186		14.9	41.5	0.007	0.15	30.1	12.0	1	2.3	166.5	0.58	0.06	9.2	0.266	1.20	2.7
N810187		20.3	57.9	<0.002	0.03	12.65	12.9	1	2.2	368	0.63	<0.05	11.7	0.272	0.84	3.0
N810188		28.5	76.0	<0.002	0.12	19.75	14.1	1	2.8	159.0	0.64	<0.05	11.7	0.287	1.36	3.1
N810189		254	174.5	<0.002	1.99	39.2	11.4	1	5.9	100.5	0.41	0.21	11.5	0.174	2.37	4.0
N810190		2.2	1.6	<0.002	0.02	0.28	0.3	<1	<0.2	45.6	<0.05	<0.05	0.2	<0.005	<0.02	0.5
N810191		78.1	94.8	<0.002	0.21	22.3	12.2	1	2.3	102.0	0.48	<0.05	11.7	0.211	1.69	4.2
N810192		97.2	34.0	<0.002	0.14	25.6	14.1	1	3.1	108.0	0.62	<0.05	7.7	0.306	0.95	2.6
N810193		25.1	35.2	<0.002	0.11	9.67	14.3	1	2.5	291	0.59	<0.05	9.5	0.304	0.85	3.0
N810194		31.4	29.7	<0.002	0.15	11.50	13.6	1	2.6	306	0.60	<0.05	7.7	0.311	0.80	2.5
N810195		31.9	66.3	<0.002	0.08	18.15	13.1	1	2.2	163.0	0.58	<0.05	10.4	0.254	1.27	2.7
N810196		85.3	141.0	<0.002	1.44	21.1	12.9	1	4.8	106.5	0.54	<0.05	11.8	0.249	1.96	3.2
N810197		32.0	28.1	<0.002	0.01	28.7	11.5	1	2.2	912	0.60	<0.05	9.4	0.284	0.74	3.7
N810198		26.5	78.2	<0.002	0.30	13.15	11.1	1	3.3	341	0.55	<0.05	9.9	0.276	1.73	4.4
N810199		16.2	64.3	<0.002	0.04	4.09	8.9	1	1.5	335	0.47	<0.05	12.3	0.225	0.97	2.3
N810200		18.2	64.9	<0.002	0.01	2.52	11.2	1	1.5	378	0.53	<0.05	9.3	0.264	0.79	2.4
N810201		21.5	70.1	<0.002	0.02	4.04	12.1	1	2.6	428	0.56	<0.05	10.6	0.270	0.83	3.0
N810202		1325	153.5	<0.002	3.06	30.4	8.9	1	5.3	152.0	0.57	0.27	11.5	0.203	2.33	4.9
N810203		19.6	69.7	<0.002	0.01	1.76	12.0	1	1.3	421	0.61	<0.05	10.8	0.267	0.77	3.6
N810204		15.7	78.9	<0.002	0.01	1.73	14.1	1	1.4	415	0.58	<0.05	12.1	0.297	0.82	3.7
N810205		15.2	81.9	<0.002	0.01	1.68	13.5	1	1.4	430	0.65	<0.05	11.8	0.301	0.92	4.0
N810206		15.2	77.6	<0.002	<0.01	1.65	13.5	1	1.4	425	0.64	<0.05	11.6	0.294	0.89	4.1
N810207		9.8	95.3	<0.002	0.05	7.68	12.2	1	1.2	223	0.52	<0.05	9.3	0.273	1.48	3.4
N810208		15.8	78.8	<0.002	0.01	2.80	12.3	1	1.3	400	0.54	<0.05	9.6	0.280	0.96	3.1
N810209		12.5	110.0	<0.002	0.09	6.92	11.1	1	1.2	250	0.49	<0.05	9.6	0.260	1.54	3.6
N810210		15.7	78.8	<0.002	0.01	3.16	11.7	1	1.2	394	0.52	<0.05	8.7	0.279	0.98	2.6
N810211		49.0	91.7	<0.002	0.16	23.1	11.4	1	1.3	386	0.50	<0.05	9.3	0.268	1.15	2.9
N810212		1.6	1.3	<0.002	0.02	0.10	0.3	1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N810213		31.1	98.1	<0.002	0.03	7.27	11.7	1	1.3	387	0.52	<0.05	9.2	0.276	1.36	3.0
N810214		24.6	75.1	<0.002	0.03	13.90	8.0	1	1.1	641	0.73	<0.05	7.7	0.440	1.10	2.2
N810215		13.1	104.5	<0.002	0.09	6.89	11.1	1	1.2	266	0.53	<0.05	10.0	0.259	1.42	2.5
N810216		13.0	143.0	<0.002	0.61	8.04	11.5	1	1.5	125.5	0.51	<0.05	11.3	0.269	1.61	3.0
N810217		23.9	170.0	<0.002	0.35	9.05	11.9	1	1.5	83.5	0.49	<0.05	11.5	0.262	1.87	2.8
N810218		22.1	132.5	<0.002	0.16	14.15	12.1	1	1.2	247	0.53	<0.05	9.9	0.278	2.00	2.6



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 Finalized Date: 11-AUG-2012  
 Account: ROCKHA

Project: Klaza-85/87

**CERTIFICATE OF ANALYSIS WH12171404**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N810183		62	1.5	14.7	92	20.7
N810184		78	4.2	14.4	318	20.4
N810185		59	5.2	12.5	3090	38.0
N810186		79	5.0	12.9	59	20.7
N810187		78	2.1	15.0	49	21.4
N810188		82	3.0	14.2	297	23.0
N810189		50	2.3	10.5	238	15.4
N810190		1	0.1	0.8	19	<0.5
N810191		54	1.9	13.6	114	18.4
N810192		99	4.7	13.7	117	28.3
N810193		86	2.5	16.4	90	27.7
N810194		94	2.5	15.1	85	28.1
N810195		73	2.4	13.4	91	19.7
N810196		71	3.1	12.6	103	20.1
N810197		154	1.6	14.4	69	29.5
N810198		92	1.8	13.1	102	29.4
N810199		69	1.4	11.6	76	29.1
N810200		77	1.2	13.5	70	28.2
N810201		80	1.2	14.9	75	25.4
N810202		57	4.6	11.4	2980	37.2
N810203		76	1.3	15.3	89	24.5
N810204		92	1.3	17.3	71	28.0
N810205		88	1.4	17.7	67	23.2
N810206		86	1.8	17.4	65	22.6
N810207		77	2.1	13.1	71	21.4
N810208		82	1.1	13.9	63	21.7
N810209		78	1.5	13.3	60	21.2
N810210		82	0.8	12.8	68	21.0
N810211		77	1.6	12.8	94	23.8
N810212		3	0.2	1.0	17	<0.5
N810213		82	1.5	13.6	85	22.0
N810214		83	1.4	12.3	165	156.0
N810215		75	1.8	13.2	80	24.1
N810216		79	2.8	10.9	116	19.3
N810217		81	4.0	13.6	151	21.5
N810218		81	2.3	15.0	101	20.4



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**CERTIFICATE OF ANALYSIS WH12171404**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12171405**

Project: Klaza-87

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12171405**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810219		3.61	0.025	0.29	7.86	43.6	930	1.42	0.35	1.58	1.85	43.9	9.2	14	25.8	9.7
N810220		2.91	1.190	7.06	4.14	709	620	0.72	2.35	3.02	59.5	27.9	8.7	12	8.82	179.0
N810221		3.74	0.161	3.12	7.70	392	610	1.41	0.69	1.24	24.1	48.0	7.9	12	16.35	42.6
N810222		0.26	2.30	26.2	6.05	2880	1710	1.28	20.4	2.20	79.0	44.7	10.9	19	14.85	441
N810223		5.12	0.019	1.26	7.84	40.8	1200	1.57	1.25	0.97	7.10	42.2	9.1	9	23.6	12.3
N810224		2.86	0.637	12.15	7.02	3160	660	1.35	3.68	1.12	101.0	43.1	8.8	8	21.3	326
N810225		2.44	0.048	1.47	7.63	243	1160	1.45	0.38	1.96	4.73	49.5	9.1	15	20.5	9.7
N810226		2.32	0.038	14.55	7.39	938	780	1.43	8.77	2.30	38.4	41.9	6.0	15	17.60	18.5
N810227		2.22	0.008	8.69	7.32	48.1	1840	1.45	2.67	2.93	7.64	45.6	8.3	13	17.65	33.3
N810228		4.40	<0.005	0.04	0.14	<5	20	0.06	0.05	21.3	0.12	1.28	1.5	3	0.47	3.5
N810229		3.30	<0.005	1.84	6.63	17.1	1230	1.50	0.59	3.50	1.86	36.5	6.7	12	16.90	28.7
N810230		4.92	0.016	1.30	7.82	39.3	1080	1.60	2.50	1.43	2.73	56.5	8.9	12	29.9	12.7
N810231		3.95	<0.005	0.79	7.39	20.6	1060	1.48	1.82	1.69	0.90	47.6	6.2	13	21.2	5.2
N810232		4.11	0.020	0.67	7.51	39.3	980	1.39	1.35	1.63	2.12	50.9	9.6	17	16.30	5.9
N810233		4.07	0.054	1.39	7.34	116.0	1150	1.38	1.73	1.90	7.09	38.6	10.9	11	23.5	25.3
N810234		2.44	0.050	1.02	8.27	63.3	1070	1.41	1.83	0.90	4.18	53.7	8.6	17	25.6	6.7
N810235		2.26	0.277	3.24	6.09	386	1970	1.17	1.72	2.51	84.3	34.4	18.0	14	16.85	52.3
N810236		3.17	<0.005	0.08	0.11	<5	20	0.07	0.03	21.7	0.15	1.21	0.7	3	0.62	1.7
N810237		3.21	0.052	0.91	8.44	93.3	1220	1.70	2.03	1.13	4.61	46.4	10.4	16	27.9	4.5
N810238		3.78	0.012	1.07	7.43	57.9	1500	1.68	0.37	2.34	5.47	30.3	6.9	19	17.85	28.1
N810239		2.15	0.023	1.43	8.48	101.0	1210	1.93	0.88	1.67	5.29	47.2	8.7	12	34.0	15.3
N810240		5.00	0.006	0.99	6.53	30.0	1530	1.63	0.72	2.68	1.28	38.3	9.8	15	19.00	15.6
N810241		3.14	0.063	1.49	8.40	102.5	1340	1.75	2.45	1.07	4.10	55.6	12.1	15	28.3	5.3
N810242		2.22	0.095	2.00	6.04	102.5	790	1.12	2.70	1.53	16.80	41.2	10.8	25	18.95	7.4
N810243		3.16	<0.005	0.32	7.15	36.5	1310	1.56	0.59	2.31	1.26	40.9	6.8	18	27.6	5.9
N810244		3.02	0.022	0.81	7.61	81.5	1430	1.59	1.44	1.80	4.13	45.8	9.5	15	26.6	9.1
N810245		1.95	<0.005	0.11	7.28	13.6	1740	1.56	0.19	2.83	0.24	40.0	7.3	14	30.0	11.0
N810246		0.74	<0.005	0.11	7.34	13.5	1780	1.83	0.15	2.90	0.28	43.3	8.5	12	31.8	14.2
N810247		5.00	0.013	0.84	7.74	79.4	1240	2.49	1.49	1.86	2.96	38.9	8.9	14	29.5	7.2
N810248		2.96	<0.005	0.45	7.08	36.3	490	4.05	0.63	0.92	0.25	18.45	0.5	3	41.6	2.1
N810249		4.57	<0.005	0.16	7.16	31.7	490	3.28	0.14	0.79	0.22	17.45	0.2	6	39.1	0.9
N810250		0.26	0.780	9.82	6.83	1930	1000	1.45	6.88	1.96	43.6	47.5	17.0	22	17.10	111.0
N810251		4.94	0.009	0.53	7.21	46.6	450	3.32	0.28	1.36	0.46	17.65	0.8	4	35.4	6.3
N810252		<0.02	0.009	0.46	6.60	45.8	440	3.51	0.27	1.32	0.47	15.65	0.8	3	38.0	7.0
N810253		4.39	0.015	0.47	7.02	56.1	620	3.70	0.40	1.49	1.31	26.8	2.5	7	30.7	7.2
N810254		2.94	<0.005	0.91	7.49	49.9	1510	2.24	1.06	2.55	2.03	42.7	9.3	10	26.1	3.5



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Account: ROCKHA

Project: Klaza-87

**CERTIFICATE OF ANALYSIS WH12171405**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N810219		4.44	17.10	0.16	0.9	0.091	3.20	23.0	148.5	0.78	2530	1.51	0.03	8.6	4.5
N810220		10.20	11.20	0.22	0.5	2.48	1.87	14.8	12.3	0.94	58900	18.50	0.02	4.5	3.2
N810221		4.73	17.30	0.18	1.0	0.275	3.46	25.6	10.6	0.58	8190	2.51	0.02	8.2	2.9
N810222		6.90	14.25	0.18	0.9	1.825	2.64	24.8	23.7	0.91	1900	14.40	0.04	6.7	17.4
N810223		5.72	17.60	0.17	1.1	0.208	3.03	22.3	29.1	0.65	4380	1.70	0.02	8.4	3.5
N810224		5.65	17.15	0.18	1.1	4.18	2.87	23.4	21.9	0.51	9360	1.80	0.02	7.4	2.7
N810225		3.43	16.45	0.17	1.1	0.097	3.47	26.1	11.3	0.70	7670	1.27	0.02	7.8	3.1
N810226		3.32	15.75	0.16	1.1	0.982	3.39	20.9	13.2	0.70	6510	1.17	0.02	7.3	2.6
N810227		3.35	14.70	0.17	1.2	0.201	3.33	23.5	14.2	0.80	4250	1.40	0.03	7.5	3.2
N810228		0.51	0.41	0.06	<0.1	0.008	0.05	0.6	1.1	12.70	244	0.20	0.01	0.3	2.6
N810229		3.29	15.10	0.11	1.2	0.053	3.44	17.0	11.7	0.72	3080	0.66	0.03	8.0	2.5
N810230		3.63	17.25	0.17	1.1	0.084	3.45	30.5	17.1	0.57	3680	0.72	0.04	8.4	2.9
N810231		3.04	16.15	0.15	1.0	0.059	3.50	24.3	6.6	0.43	2080	0.76	0.06	8.7	2.4
N810232		4.54	16.85	0.20	1.0	0.107	3.55	26.7	6.7	0.54	5710	1.04	0.03	8.5	2.9
N810233		4.30	16.70	0.17	1.2	0.169	3.47	18.2	8.7	0.44	6190	1.03	0.03	8.8	3.2
N810234		4.27	17.80	0.18	1.0	0.166	3.56	28.4	24.9	0.42	7140	1.36	0.03	8.9	2.6
N810235		6.89	14.50	0.09	0.8	1.785	2.53	17.3	13.2	0.61	22100	2.07	0.03	5.6	3.7
N810236		0.50	0.29	<0.05	<0.1	0.006	0.06	0.6	1.6	12.90	255	0.11	<0.01	0.2	1.7
N810237		4.53	18.15	0.08	1.0	0.192	3.57	23.6	9.7	0.53	5020	1.24	0.04	8.2	2.4
N810238		3.34	18.15	0.08	1.0	0.078	2.73	14.2	124.5	0.61	6710	1.18	0.04	7.5	2.5
N810239		3.56	17.00	0.08	1.1	0.160	3.24	23.9	34.4	0.62	4060	1.03	0.03	7.7	3.1
N810240		3.43	15.55	0.09	1.0	0.069	2.95	18.3	33.3	0.61	3520	0.69	0.04	7.6	2.7
N810241		3.96	18.60	0.11	1.3	0.152	3.60	29.4	12.0	0.44	3740	1.12	0.05	9.5	2.6
N810242		5.01	14.00	0.16	1.0	0.098	2.81	22.2	9.3	0.54	5740	1.48	0.03	6.1	4.6
N810243		3.28	17.45	0.20	1.3	0.082	3.61	19.2	26.6	0.46	2090	2.17	0.04	8.1	2.8
N810244		4.40	18.10	0.22	1.3	0.202	3.63	23.6	9.9	0.61	6920	3.50	0.03	8.2	3.2
N810245		3.18	16.90	0.19	1.3	0.041	3.64	19.5	94.8	0.57	1500	4.44	0.62	8.5	2.9
N810246		3.14	17.20	0.09	1.4	0.036	3.33	20.1	79.4	0.57	1400	2.94	0.75	9.0	2.6
N810247		3.56	17.55	0.09	1.3	0.119	3.54	18.8	76.8	0.55	3280	4.36	0.06	10.0	2.5
N810248		0.61	22.8	0.06	3.7	0.026	2.69	8.1	54.0	0.18	548	1.63	0.05	29.5	0.3
N810249		0.58	20.1	0.05	3.2	0.026	2.77	7.7	34.0	0.18	528	0.55	0.05	27.8	0.2
N810250		5.49	15.75	0.19	1.4	0.952	2.97	25.9	24.1	0.72	2050	12.45	0.27	7.3	16.2
N810251		0.87	20.3	0.08	2.8	0.033	2.74	7.6	28.7	0.24	925	0.41	0.05	26.0	0.4
N810252		0.86	20.5	0.05	2.8	0.042	2.60	6.5	28.2	0.21	904	0.42	0.05	25.2	0.3
N810253		1.23	18.60	0.07	2.7	0.048	2.71	12.9	72.1	0.39	1320	1.21	0.06	22.5	6.0
N810254		3.26	16.20	0.09	1.2	0.061	3.28	20.7	15.8	0.72	2190	2.41	0.29	8.4	3.5



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**CERTIFICATE OF ANALYSIS WH12171405**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810219		77.2	186.0	<0.002	0.36	17.00	11.4	1	1.7	223	0.64	<0.05	12.0	0.291	2.51	5.5
N810220		851	117.0	<0.002	2.85	116.5	6.7	1	3.4	70.0	0.35	0.06	6.7	0.143	1.66	9.9
N810221		1100	221	<0.002	1.35	37.9	12.3	2	2.7	94.4	0.68	<0.05	13.8	0.264	2.94	5.0
N810222		2910	172.0	0.002	4.88	90.2	8.5	2	8.4	95.8	0.55	0.38	11.4	0.179	2.37	5.8
N810223		327	188.5	<0.002	0.57	22.4	12.2	1	2.3	123.0	0.71	<0.05	14.1	0.260	2.26	4.8
N810224		2460	177.5	<0.002	2.99	184.0	10.7	2	6.2	131.5	0.62	<0.05	13.1	0.243	2.34	5.1
N810225		626	205	<0.002	0.82	25.0	11.8	1	1.6	118.5	0.62	<0.05	14.3	0.259	2.63	4.2
N810226		>10000	179.0	<0.002	0.84	56.8	10.5	2	2.0	126.0	0.61	<0.05	11.7	0.241	2.39	2.7
N810227		8300	179.0	<0.002	0.38	35.2	11.5	2	1.6	154.0	0.65	<0.05	12.5	0.263	2.34	3.5
N810228		20.5	3.9	<0.002	0.02	0.22	0.5	1	<0.2	46.4	<0.05	<0.05	<0.2	0.005	0.02	0.6
N810229		2110	148.5	<0.002	0.24	16.20	10.1	1	1.7	151.0	0.72	<0.05	10.5	0.256	2.30	4.8
N810230		138.0	209	<0.002	0.56	21.0	12.4	1	2.1	139.0	0.68	<0.05	14.3	0.277	2.55	3.1
N810231		51.6	189.0	<0.002	0.63	16.95	10.7	1	1.5	110.0	0.69	<0.05	12.9	0.282	2.50	2.1
N810232		105.5	202	<0.002	0.54	13.15	12.0	1	1.7	86.3	0.68	<0.05	12.6	0.280	2.33	2.1
N810233		342	167.5	<0.002	1.32	29.4	11.0	1	2.0	127.5	0.72	<0.05	11.3	0.289	2.32	3.0
N810234		149.0	202	<0.002	0.76	20.5	12.2	1	1.9	129.0	0.74	<0.05	14.8	0.296	2.68	3.9
N810235		742	142.0	<0.002	3.34	60.9	11.1	1	2.3	116.5	0.43	0.07	8.0	0.215	1.82	8.0
N810236		2.6	4.0	<0.002	0.01	0.21	0.4	<1	<0.2	40.4	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N810237		109.5	206	<0.002	1.02	22.8	13.4	1	2.3	118.0	0.60	<0.05	11.8	0.289	2.36	3.5
N810238		513	107.5	0.003	0.33	25.4	10.1	1	2.0	262	0.59	<0.05	7.1	0.279	2.20	2.1
N810239		76.7	178.5	<0.002	0.50	19.15	12.2	<1	1.8	207	0.60	<0.05	11.7	0.287	2.26	2.6
N810240		60.2	141.5	<0.002	0.42	12.45	10.2	<1	2.3	166.5	0.61	0.05	8.9	0.258	2.11	2.5
N810241		222	214	<0.002	1.91	21.7	13.0	1	3.0	101.5	0.76	<0.05	13.6	0.316	2.87	5.3
N810242		431	153.0	0.002	3.20	22.8	10.2	1	1.5	86.8	0.54	<0.05	9.8	0.235	2.29	6.3
N810243		53.3	170.0	0.002	0.27	14.95	10.6	1	1.5	174.5	0.71	<0.05	10.0	0.298	2.55	2.9
N810244		153.0	185.0	0.004	0.60	16.55	12.0	1	1.8	103.5	0.74	<0.05	12.2	0.295	2.67	4.5
N810245		20.7	158.5	0.004	0.07	9.06	10.6	1	1.5	260	0.84	<0.05	11.0	0.305	2.19	3.7
N810246		18.1	160.5	<0.002	0.07	10.05	11.4	1	1.9	274	0.79	<0.05	9.9	0.281	1.74	3.7
N810247		128.5	173.0	<0.002	0.48	18.35	10.8	1	2.1	186.5	0.75	<0.05	10.7	0.275	2.29	14.4
N810248		85.0	209	<0.002	0.04	7.76	3.8	<1	4.0	238	2.85	<0.05	21.5	0.045	1.85	14.0
N810249		34.1	204	<0.002	0.01	5.19	3.3	<1	2.8	206	2.94	<0.05	22.2	0.037	1.74	5.3
N810250		1415	168.0	0.004	3.23	30.3	9.0	1	5.7	151.5	0.66	0.30	12.1	0.216	2.69	5.7
N810251		43.9	198.5	<0.002	0.20	8.94	3.7	<1	2.4	226	2.80	<0.05	20.1	0.038	1.73	2.6
N810252		40.9	189.5	<0.002	0.19	9.45	3.5	1	2.2	219	2.75	<0.05	17.7	0.035	1.64	2.2
N810253		95.8	184.0	<0.002	0.12	9.15	5.2	1	4.1	344	2.12	<0.05	18.5	0.090	1.60	11.5
N810254		88.7	155.0	0.003	0.21	12.90	11.7	1	1.7	186.5	0.63	<0.05	10.8	0.263	1.85	5.8





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**CERTIFICATE OF ANALYSIS WH12171405**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
N810219		80	3.5	13.9	146	26.2	
N810220		43	3.2	17.3	5890	16.0	
N810221		75	5.3	13.1	2540	27.7	
N810222		56	5.6	10.6	5340	29.2	
N810223		75	4.2	12.8	809	31.5	
N810224		71	4.3	12.7	9230	30.4	
N810225		77	2.4	14.7	430	30.5	
N810226		76	2.4	12.5	4210	28.8	1.100
N810227		79	2.6	14.7	859	30.5	
N810228		4	0.1	1.0	18	<0.5	
N810229		78	1.7	14.1	229	32.4	
N810230		83	3.4	13.2	302	28.7	
N810231		75	3.4	13.2	102	29.1	
N810232		81	2.9	14.5	231	27.2	
N810233		81	3.2	12.1	670	31.3	
N810234		84	3.8	11.6	374	28.3	
N810235		77	3.4	16.2	8950	17.7	
N810236		4	0.1	0.8	28	<0.5	
N810237		85	4.2	11.8	387	23.8	
N810238		83	6.3	10.3	563	21.4	
N810239		83	8.3	13.2	560	26.9	
N810240		75	5.6	13.0	144	23.6	
N810241		86	3.8	10.9	316	27.6	
N810242		74	2.3	11.2	983	23.7	
N810243		84	2.1	12.0	144	31.5	
N810244		85	2.7	13.9	434	31.4	
N810245		85	1.2	14.8	73	31.6	
N810246		81	1.1	15.1	67	30.8	
N810247		79	3.6	12.8	262	27.8	
N810248		5	2.9	18.3	43	60.5	
N810249		1	2.3	17.1	54	48.7	
N810250		60	5.6	12.3	3200	39.5	
N810251		3	3.0	18.8	77	42.3	
N810252		3	3.0	17.2	77	44.5	
N810253		21	3.3	18.0	123	46.8	
N810254		79	1.4	12.7	192	26.7	



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**CERTIFICATE OF ANALYSIS WH12171405**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12171406**

Project: Klaza-88

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12171406**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810556		5.83	<0.005	0.07	7.91	6.2	2330	1.44	0.16	1.74	0.12	48.7	7.7	12	8.75	14.4
N810557		0.23	4.33	>100	5.61	7220	1290	1.10	53.2	1.99	219	32.1	9.1	18	11.25	1290
N810558		4.20	<0.005	0.18	7.66	16.6	2040	1.49	0.51	2.56	0.21	47.1	6.7	10	11.25	10.5
N810559		3.05	<0.005	0.67	7.32	6.8	2080	1.48	0.25	2.57	0.10	44.0	6.2	12	7.73	4.8
N810560		2.75	<0.005	0.08	7.23	20.8	2230	1.44	0.30	2.68	0.13	39.4	7.7	10	6.22	10.1
N810561		2.80	<0.005	0.05	7.50	9.8	2030	1.51	0.15	2.62	0.07	42.2	6.7	11	5.14	9.8
N810562		2.91	<0.005	0.10	7.29	17.6	1860	1.52	0.33	2.76	0.21	48.0	8.2	11	10.60	10.0
N810563		1.48	<0.005	<0.01	0.07	<5	40	0.05	0.02	19.90	0.05	1.40	3.0	1	0.18	1.0
N810564		5.45	<0.005	0.05	7.07	4.4	2020	1.26	0.16	2.55	0.10	40.5	5.9	13	6.72	5.1
N810565		2.76	<0.005	0.10	7.06	26.6	1810	1.47	0.58	2.39	0.14	35.6	8.3	12	11.80	6.4
N810566		3.10	<0.005	0.11	7.07	16.3	1530	1.54	0.45	2.68	0.12	36.9	10.7	9	12.60	3.0
N810567		2.78	<0.005	0.08	7.22	13.7	1870	1.50	0.54	2.73	0.10	40.3	9.4	10	9.61	9.5
N810568		3.35	<0.005	0.10	7.33	48.6	970	1.34	0.43	2.50	0.24	43.2	7.4	8	17.70	5.1
N810569		4.68	<0.005	0.06	7.88	7.1	1780	1.43	0.15	1.69	0.09	46.3	7.0	10	14.05	6.2
N810570		2.02	<0.005	0.06	7.67	28.8	1410	1.52	0.72	2.08	0.11	47.8	9.8	9	10.55	17.1
N810571		2.51	<0.005	0.03	7.59	7.0	2090	1.56	0.32	2.79	0.10	45.0	8.7	11	7.98	7.7
N810572		1.18	<0.005	0.02	7.75	4.6	2090	1.59	0.18	2.79	0.09	45.9	7.9	13	7.88	7.2
N810573		2.19	<0.005	0.09	7.40	28.2	2160	1.51	0.95	2.04	0.20	54.4	10.4	10	9.25	6.2
N810574		1.90	<0.005	<0.01	0.09	<5	30	<0.05	0.13	21.0	0.06	1.23	1.0	1	0.15	1.1
N810575		2.84	<0.005	0.19	8.25	17.8	1530	1.29	0.93	1.52	0.34	55.5	7.3	11	11.40	18.5
N810576		2.78	<0.005	0.31	7.45	32.6	1120	1.51	1.64	2.44	0.66	54.6	9.8	16	13.45	9.8
N810577		4.49	<0.005	0.12	6.78	30.7	1270	1.48	0.61	2.59	0.22	46.8	9.7	9	15.95	7.3
N810578		5.65	<0.005	0.11	5.78	34.5	2260	1.09	0.25	2.77	0.25	41.4	6.8	9	18.80	6.5
N810579		0.22	4.25	>100	5.76	8510	530	1.02	57.7	1.99	231	34.1	8.9	18	11.95	1285
N810580		2.58	<0.005	0.09	7.84	18.9	1090	1.31	0.59	2.18	0.29	44.7	7.8	9	15.10	7.4
N810581		5.13	<0.005	0.14	7.64	23.9	1610	1.51	0.71	2.03	0.34	49.0	9.9	10	13.30	9.2
N810582		3.73	<0.005	0.06	7.34	19.7	1540	1.41	0.48	2.66	0.19	46.9	8.3	12	19.65	6.2
N810583		2.89	<0.005	0.14	7.34	25.0	2840	1.40	0.50	2.90	0.33	50.0	11.1	10	17.45	5.7
N810584		3.44	<0.005	0.06	7.61	12.0	1900	1.36	0.24	2.77	0.11	45.5	8.3	16	11.60	4.9
N810585		2.53	<0.005	0.03	7.79	7.4	2080	1.54	0.15	2.74	0.10	50.3	8.5	13	7.71	4.9
N810586		<0.02	<0.005	0.04	7.87	7.8	2110	1.54	0.16	2.76	0.12	53.0	8.5	14	7.72	5.2
N810587		4.57	<0.005	0.07	7.80	9.7	2000	1.71	0.20	2.84	0.17	48.3	9.7	16	11.10	5.6
N810588		6.05	<0.005	0.04	7.67	6.8	2020	1.52	0.13	2.84	0.10	46.6	7.7	11	9.98	8.1
N810589		5.10	<0.005	0.04	7.70	12.8	1760	1.76	0.25	3.16	0.13	57.8	10.3	14	16.25	5.7
N810590		2.55	<0.005	0.03	8.12	12.9	2120	1.73	0.12	2.73	0.10	50.8	7.2	14	8.20	5.0
N810591		2.37	<0.005	0.08	7.99	12.9	2180	1.61	1.11	2.73	0.10	43.8	10.4	12	12.30	6.1



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**CERTIFICATE OF ANALYSIS WH12171406**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810556		3.30	16.70	0.12	1.3	0.040	2.56	24.3	32.7	0.62	772	0.80	0.97	8.4	3.1	640
N810557		8.00	12.35	0.15	0.9	4.42	2.25	16.0	32.7	0.63	3030	14.05	0.08	5.6	13.4	440
N810558		3.28	16.50	0.13	1.3	0.052	2.69	23.3	17.0	0.72	699	0.60	1.72	8.2	3.0	610
N810559		3.09	15.85	0.12	1.4	0.036	2.56	21.1	16.0	0.80	600	0.96	2.19	8.3	2.8	610
N810560		3.14	16.15	0.13	1.2	0.035	2.52	18.7	14.6	0.75	628	0.94	2.18	8.2	3.1	630
N810561		3.21	15.70	0.13	1.3	0.035	2.43	20.7	17.5	0.91	627	0.62	2.27	8.2	2.8	620
N810562		3.15	16.25	0.14	1.3	0.033	2.45	22.9	26.8	0.81	730	0.72	1.84	8.3	3.4	600
N810563		0.45	0.22	<0.05	<0.1	<0.005	0.03	0.7	1.0	12.40	217	<0.05	0.01	0.3	2.3	150
N810564		2.78	15.20	0.09	1.2	0.032	2.60	19.5	14.8	0.75	551	1.42	2.09	7.2	2.5	550
N810565		3.03	15.30	0.10	1.3	0.039	2.55	15.9	25.5	0.68	595	1.91	1.62	7.7	2.9	570
N810566		2.52	14.75	0.12	1.2	0.039	2.66	16.8	25.8	0.64	712	1.08	0.90	7.3	2.3	530
N810567		2.89	15.85	0.12	1.3	0.038	2.54	19.1	20.0	0.67	572	1.03	1.94	7.8	2.9	550
N810568		2.64	15.15	0.12	1.2	0.032	2.32	22.3	71.1	0.82	758	1.19	0.06	7.3	2.5	550
N810569		2.86	17.20	0.12	1.5	0.037	2.61	22.2	44.7	0.51	571	2.41	0.40	9.0	2.7	620
N810570		3.29	17.05	0.15	1.5	0.039	2.56	23.6	43.8	0.67	729	3.00	0.55	8.7	4.4	610
N810571		3.13	17.05	0.16	1.6	0.037	2.67	21.9	16.9	0.79	635	1.88	2.12	8.9	3.0	610
N810572		3.09	17.35	0.17	1.5	0.034	2.71	22.7	16.8	0.81	624	1.55	2.22	9.0	3.1	600
N810573		3.52	17.45	0.18	1.6	0.034	2.51	27.7	25.3	0.73	796	2.17	0.17	8.6	3.2	580
N810574		0.48	0.30	0.10	<0.1	<0.005	0.03	0.6	0.9	12.80	213	0.06	0.01	0.3	2.1	170
N810575		2.90	17.65	0.15	1.7	0.034	2.50	29.2	40.5	0.62	609	3.63	0.07	9.3	2.6	650
N810576		3.25	16.05	0.16	1.5	0.036	2.71	29.9	22.1	0.94	732	2.20	0.04	8.0	3.9	600
N810577		2.52	15.55	0.15	1.3	0.030	2.55	24.8	24.6	0.86	718	1.59	0.04	7.2	2.7	530
N810578		2.24	13.00	0.15	1.1	0.027	1.96	23.0	48.1	0.81	647	1.84	0.04	6.5	2.4	450
N810579		8.39	13.35	0.17	1.1	5.16	2.32	18.0	26.8	0.63	3100	15.30	0.08	6.1	13.4	470
N810580		2.81	17.85	0.14	1.7	0.040	2.14	22.4	54.1	0.68	700	1.55	0.06	9.3	2.5	650
N810581		2.86	17.00	0.16	1.5	0.036	2.43	26.2	35.0	0.78	825	1.48	0.05	8.1	3.0	590
N810582		3.12	17.00	0.16	1.4	0.038	2.59	24.5	38.5	0.86	874	0.96	0.07	8.3	2.7	600
N810583		2.88	17.05	0.17	1.5	0.036	2.56	26.3	44.4	0.98	846	1.51	0.10	8.2	2.8	590
N810584		3.04	17.55	0.18	1.5	0.039	2.75	22.4	16.6	0.70	616	1.87	1.75	8.5	2.9	610
N810585		3.31	17.95	0.18	1.6	0.041	2.73	25.0	15.7	0.89	663	1.86	2.29	9.2	3.4	680
N810586		3.36	18.05	0.19	1.6	0.041	2.69	26.9	15.7	0.90	668	0.77	2.31	9.2	3.5	660
N810587		3.19	17.70	0.19	1.5	0.041	2.64	24.3	15.3	0.80	680	0.89	2.25	9.0	3.3	640
N810588		3.14	17.25	0.18	1.4	0.045	2.58	23.3	19.0	0.81	669	1.02	2.10	8.6	3.1	650
N810589		3.96	19.30	0.19	1.7	0.059	2.72	27.6	25.1	1.05	913	3.59	1.75	11.1	4.0	780
N810590		3.22	18.20	0.18	1.5	0.040	2.83	25.7	23.1	0.83	632	1.29	2.39	9.0	3.1	620
N810591		3.44	18.25	0.19	1.4	0.041	2.70	21.2	25.6	0.80	567	1.06	2.11	9.1	3.5	660



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**CERTIFICATE OF ANALYSIS WH12171406**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810556		13.9	98.8	<0.002	0.04	11.40	12.8	1	1.6	212	0.62	<0.05	13.2	0.282	1.01	3.0
N810557		9350	124.0	<0.002	7.09	209	7.2	2	7.6	121.5	0.40	0.42	8.3	0.180	2.01	4.9
N810558		22.6	112.0	<0.002	0.13	3.79	12.4	1	1.5	313	0.61	<0.05	13.4	0.270	1.23	4.5
N810559		16.0	93.1	<0.002	0.03	1.79	11.6	1	1.4	386	0.67	<0.05	12.1	0.267	1.01	5.1
N810560		20.4	94.2	<0.002	0.24	2.78	10.8	1	1.5	362	0.61	<0.05	11.4	0.278	1.12	3.8
N810561		14.7	87.6	<0.002	0.06	1.88	11.7	1	1.5	414	0.64	<0.05	11.4	0.271	0.92	4.7
N810562		20.8	88.9	<0.002	0.17	4.91	11.7	1	1.5	335	0.61	<0.05	12.1	0.265	1.18	4.3
N810563		1.3	1.2	<0.002	0.01	<0.05	0.2	1	<0.2	51.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N810564		16.7	91.6	<0.002	0.03	1.57	10.2	1	1.3	360	0.55	<0.05	12.3	0.239	0.96	3.8
N810565		19.8	92.9	<0.002	0.16	4.69	10.3	1	1.3	271	0.65	<0.05	12.4	0.247	1.20	4.8
N810566		14.5	102.0	<0.002	0.21	5.50	10.3	1	1.3	173.5	0.58	<0.05	13.9	0.241	1.49	5.2
N810567		15.4	96.8	<0.002	0.22	2.92	10.7	1	1.2	324	0.61	<0.05	14.1	0.250	1.19	4.8
N810568		15.8	86.6	<0.002	0.21	16.40	10.5	1	1.2	100.5	0.59	<0.05	12.7	0.238	1.44	3.9
N810569		16.7	92.1	<0.002	0.03	9.53	12.2	1	1.6	128.0	0.75	<0.05	14.8	0.278	1.06	4.0
N810570		13.9	101.0	0.002	0.44	10.25	11.8	1	1.4	120.0	0.75	<0.05	13.4	0.264	1.31	4.9
N810571		17.2	92.5	<0.002	0.11	2.17	12.0	1	1.4	372	0.82	<0.05	12.6	0.273	0.96	4.9
N810572		16.8	98.6	<0.002	0.05	1.89	11.7	1	1.5	391	0.78	<0.05	13.1	0.268	0.94	4.7
N810573		16.5	101.0	0.002	0.73	13.35	13.0	1	1.6	103.0	0.81	<0.05	14.4	0.253	1.26	6.0
N810574		1.5	1.1	<0.002	0.01	0.05	0.3	1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N810575		41.2	97.1	<0.002	0.39	14.10	11.6	1	1.6	82.0	0.86	<0.05	15.5	0.288	1.14	5.0
N810576		102.5	133.5	<0.002	0.83	16.60	11.0	1	1.6	95.6	0.73	<0.05	13.7	0.243	1.85	6.2
N810577		16.6	105.0	<0.002	0.31	17.70	10.5	1	1.2	115.5	0.62	<0.05	12.6	0.228	1.81	3.8
N810578		16.9	79.8	<0.002	0.22	32.3	8.5	1	1.1	140.0	0.56	<0.05	11.3	0.198	1.68	3.9
N810579		9800	131.0	0.002	7.30	215	6.8	2	9.2	125.0	0.48	0.57	8.5	0.183	2.20	5.3
N810580		18.0	75.3	<0.002	0.22	11.90	12.3	1	1.6	134.0	0.88	<0.05	13.9	0.278	1.24	4.3
N810581		24.6	107.0	<0.002	0.32	15.25	11.5	1	1.5	84.5	0.72	<0.05	14.7	0.251	1.45	4.7
N810582		26.0	101.0	<0.002	0.21	15.00	12.1	1	1.6	114.5	0.69	<0.05	13.4	0.255	1.44	5.7
N810583		21.2	109.0	<0.002	0.36	13.65	11.7	1	1.6	127.5	0.67	<0.05	13.1	0.260	1.67	4.9
N810584		18.3	105.0	<0.002	0.14	4.70	11.9	1	1.6	303	0.74	<0.05	12.6	0.264	1.24	4.3
N810585		16.9	98.2	<0.002	0.04	2.01	13.4	1	1.8	393	0.76	<0.05	13.6	0.287	1.12	4.7
N810586		18.3	103.0	<0.002	0.04	2.03	13.5	1	1.8	396	0.73	<0.05	14.8	0.282	1.15	5.0
N810587		20.2	107.0	<0.002	0.08	2.60	12.8	1	1.8	385	0.76	<0.05	12.8	0.274	1.11	4.5
N810588		17.2	100.5	<0.002	0.03	2.86	12.4	1	1.7	384	0.74	<0.05	14.6	0.275	1.04	4.6
N810589		17.3	108.0	0.002	0.07	4.82	16.8	1	2.1	327	0.97	<0.05	13.3	0.344	1.37	5.8
N810590		18.3	109.0	0.002	0.04	1.64	12.5	1	1.7	411	0.77	<0.05	16.3	0.271	1.22	6.6
N810591		19.1	108.5	<0.002	0.30	2.99	13.0	1	1.6	394	0.70	<0.05	14.7	0.287	1.15	4.8



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**CERTIFICATE OF ANALYSIS WH12171406**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810556		79	4.6	17.5	63	32.2		
N810557		51	4.3	9.0	>10000	28.6	119	1.630
N810558		77	2.6	16.9	67	32.1		
N810559		75	1.8	16.8	54	35.5		
N810560		71	2.2	15.1	53	29.9		
N810561		77	1.6	17.1	48	33.8		
N810562		77	1.8	16.4	59	36.1		
N810563		2	0.3	0.9	14	<0.5		
N810564		69	1.8	14.9	45	33.1		
N810565		71	2.8	14.8	54	31.8		
N810566		70	3.1	14.0	43	30.7		
N810567		71	2.3	14.7	45	34.6		
N810568		69	3.3	15.2	61	30.8		
N810569		78	9.0	16.4	49	39.6		
N810570		75	8.0	19.4	53	43.5		
N810571		78	1.4	18.0	49	45.3		
N810572		73	1.1	18.5	48	44.4		
N810573		83	4.1	21.7	63	45.1		
N810574		2	0.1	0.9	16	0.5		
N810575		80	7.2	18.6	63	49.6		
N810576		72	3.2	18.0	93	43.3		
N810577		68	3.2	16.6	73	37.6		
N810578		58	3.9	14.9	63	32.8		
N810579		54	4.6	10.1	>10000	37.3	116	1.610
N810580		81	5.1	17.5	79	46.9		
N810581		73	4.4	16.5	72	42.3		
N810582		75	3.9	18.9	56	40.9		
N810583		75	4.0	18.2	69	43.7		
N810584		75	2.3	16.7	50	44.5		
N810585		83	1.5	19.9	53	45.3		
N810586		80	1.4	20.0	52	46.9		
N810587		79	1.7	19.0	56	45.5		
N810588		78	2.0	17.4	54	39.9		
N810589		100	2.4	22.0	69	45.0		
N810590		77	1.5	19.1	50	41.3		
N810591		81	2.0	17.1	52	42.6		



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**CERTIFICATE OF ANALYSIS WH12171406**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12173675**

Project: Klaza-70

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147078\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12173675**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
N828460		0.006	0.18	7.10	13.9	2220	1.32	0.29	1.96	0.44	46.4	3.4	9	10.05	4.0	2.08
N828461		0.006	0.12	7.19	12.7	2160	1.19	0.26	1.58	0.67	47.6	4.2	8	12.15	4.6	2.66
N828462		<0.005	0.11	7.31	11.1	2270	1.32	0.23	1.98	0.13	48.8	5.3	9	16.15	2.7	2.83
N828463		<0.005	0.14	7.02	18.6	1470	1.50	0.34	1.59	0.26	45.0	4.1	8	12.25	7.4	2.77
N828464		0.012	0.44	6.69	33.6	2560	1.40	0.76	1.80	0.41	50.7	4.8	8	11.60	29.6	2.67
N828465		<0.005	0.01	0.08	<5	30	<0.05	0.03	19.55	0.06	1.22	0.6	1	0.31	1.4	0.45
N828466		0.009	0.18	7.09	44.8	1500	1.36	0.26	2.17	0.28	47.9	4.0	8	17.85	4.7	2.85
N828467		<0.005	0.11	7.04	21.7	1670	1.36	0.17	1.96	0.13	49.3	3.3	9	14.30	1.7	2.37
N828468		<0.005	0.12	6.50	9.1	2090	1.30	0.15	2.67	0.13	50.3	3.4	10	11.10	1.3	2.30
N828469		<0.005	0.11	7.04	14.8	2300	1.18	0.16	1.84	0.13	61.8	3.4	9	10.90	1.5	2.42
N828470		<0.005	0.11	7.28	15.3	2270	1.25	0.17	1.84	0.14	67.8	3.6	9	11.20	1.3	2.52
N828471		<0.005	0.08	7.60	24.9	1150	1.12	0.14	0.86	0.13	55.9	3.8	8	15.20	1.9	2.44
N828472		<0.005	0.08	7.29	20.8	1840	1.22	0.15	1.41	0.17	44.8	3.4	9	12.85	1.5	2.64
N828473		0.005	0.11	7.25	24.1	2170	1.54	0.11	1.59	0.18	49.0	4.2	8	13.75	1.0	2.56
N828474		<0.005	0.19	7.48	20.5	1920	1.36	0.26	1.76	0.76	52.5	3.4	9	14.30	4.4	2.56
N828475		0.009	0.36	7.45	26.6	1380	1.55	0.45	1.56	1.22	60.9	2.9	8	16.15	20.9	2.85
N828476		2.23	25.1	5.96	3390	1330	1.32	19.40	2.13	80.1	47.4	10.2	20	14.75	420	6.49
N828477		0.053	1.16	6.94	50.1	2130	1.42	1.55	1.55	11.75	68.4	3.1	7	9.47	32.8	3.92
N828478		<0.005	0.11	7.19	11.2	1960	1.42	0.19	2.46	0.27	53.4	3.0	10	10.80	0.9	2.07
N828479		<0.005	0.07	7.21	8.0	1680	1.61	0.15	3.03	0.15	51.9	3.7	8	15.55	1.7	2.87
N828480		<0.005	0.08	7.08	9.1	1740	1.55	0.14	3.08	0.14	49.3	3.8	9	14.05	2.4	2.72
N828481		<0.005	0.35	7.46	125.0	1670	1.56	0.35	1.81	3.09	52.2	3.7	9	17.60	4.5	3.50
N828482		0.583	5.02	5.40	750	580	1.16	5.38	1.02	29.3	46.0	5.0	7	7.75	159.0	5.42
N828483		<0.005	0.02	0.07	<5	20	0.06	0.04	20.4	0.14	1.27	0.6	2	0.20	1.7	0.45
N828484		0.312	6.77	5.41	416	720	1.08	4.09	0.81	17.10	41.2	2.7	7	18.15	648	5.02
N828485		0.154	1.01	6.93	556	680	1.25	0.95	2.43	7.38	52.2	3.6	7	14.70	20.3	3.38
N828486		0.062	1.73	6.99	155.5	1030	1.24	0.31	2.65	22.1	33.8	2.6	8	8.99	8.8	2.21
N828487		0.030	0.30	6.92	67.2	1070	1.46	0.28	2.61	1.59	34.6	1.5	9	9.88	2.7	1.63
N828488		0.070	0.93	6.70	410	1020	1.28	0.35	2.31	6.55	32.9	1.7	9	9.86	5.7	2.32
N828489		4.53	>100	5.48	8180	1290	1.06	61.4	1.92	232	36.1	8.9	18	11.10	1250	8.11
N828490		0.503	5.86	6.49	806	800	1.29	8.43	1.91	4.77	45.2	3.6	8	10.55	82.5	5.57
N828491		0.268	2.39	7.19	352	770	1.15	2.79	0.79	18.70	49.9	2.7	9	8.36	27.9	5.14
N828492		0.099	1.76	7.56	282	1200	1.33	2.05	2.01	9.82	49.6	2.6	9	11.30	37.6	4.82
N828493		0.312	2.88	6.28	1010	680	1.26	3.30	2.31	22.6	49.9	2.8	9	9.74	96.7	5.95
N828494		0.022	0.62	6.94	125.0	1160	1.47	0.65	3.02	2.72	54.9	4.0	8	9.63	3.4	2.97
N828495		0.739	4.88	6.80	703	580	1.30	7.51	1.26	3.73	54.7	3.6	8	10.30	29.8	6.98

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147078\*\*

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



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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
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Plus Appendix Pages  
Finalized Date: 2-AUG-2012  
Account: ROCKHA

Project: Klaza-70

**CERTIFICATE OF ANALYSIS WH12173675**

Sample Description	Method Analyte Units LOR	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
N828460		14.70	0.15	1.0	0.052	2.70	21.7	35.1	0.76	701	1.58	0.10	4.3	2.4	570	28.3
N828461		15.60	0.15	1.1	0.088	2.85	22.1	26.1	0.58	853	0.79	0.20	6.1	2.3	570	17.9
N828462		15.80	0.16	1.3	0.045	2.78	22.3	21.3	0.56	489	1.10	1.09	7.0	2.1	580	17.6
N828463		15.85	0.14	1.3	0.068	1.48	19.8	213	0.56	904	0.85	0.03	7.0	1.8	610	10.9
N828464		16.00	0.15	1.1	0.154	3.05	25.9	17.0	0.69	1010	1.98	0.05	5.4	2.1	570	24.9
N828465		0.22	0.14	<0.1	0.006	0.03	0.6	1.3	12.15	210	0.11	<0.01	0.2	1.2	180	1.3
N828466		15.85	0.17	1.1	0.040	2.40	21.7	79.9	0.74	1140	1.38	0.04	7.0	2.1	590	14.8
N828467		15.50	0.15	1.2	0.032	2.30	22.0	80.0	0.70	696	0.89	0.26	6.2	2.1	610	10.6
N828468		14.50	0.14	1.0	0.037	2.24	26.4	15.7	0.69	606	0.39	1.49	5.9	1.9	500	10.4
N828469		16.00	0.15	1.2	0.036	2.31	31.9	53.5	0.57	652	0.98	0.77	6.6	2.2	580	13.9
N828470		16.05	0.17	1.3	0.034	2.40	35.4	55.5	0.58	682	0.89	0.71	6.6	2.2	580	13.7
N828471		16.30	0.17	1.3	0.038	1.27	28.7	158.0	0.35	798	2.00	0.03	7.6	2.1	630	12.4
N828472		16.00	0.13	1.3	0.041	1.48	21.5	161.0	0.51	833	0.72	0.03	7.1	1.9	620	13.1
N828473		15.05	0.14	1.2	0.038	2.11	23.8	135.5	0.59	854	1.71	0.05	6.4	2.6	590	15.1
N828474		16.85	0.16	1.2	0.056	2.25	25.3	103.0	0.64	830	0.75	0.05	7.1	2.5	610	22.3
N828475		16.65	0.15	1.2	0.066	2.18	29.1	120.0	0.65	912	0.82	0.05	6.5	2.3	590	49.1
N828476		14.50	0.17	0.9	1.640	2.52	24.9	25.9	0.88	1920	12.35	0.04	5.6	15.5	450	2670
N828477		16.75	0.15	0.9	0.248	2.92	38.7	35.9	0.81	1660	1.59	0.06	4.7	2.1	540	222
N828478		16.40	0.14	1.1	0.044	2.57	25.7	73.0	0.81	756	0.96	0.39	5.7	2.5	600	15.4
N828479		15.90	0.15	1.2	0.050	2.17	23.7	12.4	0.78	586	0.84	1.72	6.6	2.4	680	12.6
N828480		16.50	0.15	1.2	0.045	2.17	22.5	12.1	0.77	592	0.81	1.83	6.6	2.5	660	13.0
N828481		16.25	0.15	1.3	0.184	2.56	24.6	48.3	0.56	929	1.18	0.34	7.4	2.6	600	42.9
N828482		13.45	0.15	0.9	0.679	2.45	23.0	17.3	0.48	1360	1.66	0.03	4.2	2.0	370	301
N828483		0.22	0.13	<0.1	0.007	0.03	0.6	1.2	12.75	220	0.09	<0.01	0.1	1.3	170	1.8
N828484		11.60	0.14	0.8	0.404	2.11	19.3	31.0	0.42	1880	11.00	0.03	4.1	1.8	360	363
N828485		14.65	0.15	1.0	0.209	2.51	25.6	34.3	0.92	2600	2.47	0.04	5.5	2.1	510	180.0
N828486		15.55	0.14	1.0	0.180	2.65	11.7	22.2	0.88	2230	2.33	0.16	5.6	2.4	530	703
N828487		16.00	0.15	0.9	0.086	2.59	11.1	19.0	0.89	2170	0.85	0.19	5.5	1.9	530	75.7
N828488		15.10	0.15	0.8	0.190	2.67	11.9	10.7	0.86	2100	1.28	0.11	4.9	2.2	490	275
N828489		12.95	0.14	1.1	4.38	2.25	16.1	33.5	0.62	3200	13.35	0.08	5.2	14.9	460	9260
N828490		14.90	0.16	0.9	0.156	2.57	21.0	25.8	0.71	1950	1.32	0.03	5.5	1.8	500	288
N828491		15.85	0.14	0.9	0.801	3.14	22.5	6.2	0.52	1930	3.06	0.05	5.0	1.6	570	203
N828492		16.70	0.17	0.9	0.331	3.21	18.3	8.7	0.84	3550	2.26	0.07	5.3	2.1	600	310
N828493		15.10	0.15	0.7	0.562	2.72	22.3	16.1	0.90	3550	3.39	0.04	4.3	2.5	480	220
N828494		15.50	0.14	0.9	0.105	2.32	26.1	26.8	0.72	1420	0.40	0.73	6.2	2.2	600	118.5
N828495		15.80	0.18	1.0	0.148	3.01	28.5	7.6	0.63	2940	1.45	0.03	6.0	2.6	550	306

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147078\*\*

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Plus Appendix Pages  
Finalized Date: 2-AUG-2012  
Account: ROCKHA

Project: Klaza-70

**CERTIFICATE OF ANALYSIS WH12173675**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Ti	U	V
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
N828460		126.0	0.003	0.26	11.55	8.8	1	1.7	72.1	0.41	<0.05	13.3	0.155	1.66	6.7	65
N828461		116.5	<0.002	0.18	14.35	9.2	1	2.1	86.1	0.59	<0.05	13.1	0.206	1.50	5.0	66
N828462		107.5	<0.002	0.15	7.63	9.3	1	1.8	223	0.64	<0.05	13.4	0.232	1.30	4.6	64
N828463		56.0	<0.002	0.25	27.6	9.5	1	1.9	179.0	0.61	0.06	11.8	0.242	1.07	4.2	68
N828464		135.0	<0.002	0.47	25.7	10.0	1	2.2	54.7	0.50	0.12	13.1	0.182	2.02	5.5	64
N828465		1.9	<0.002	0.01	0.34	0.2	1	<0.2	44.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	2
N828466		89.5	<0.002	0.26	17.90	9.3	1	2.0	99.7	0.62	<0.05	12.0	0.227	1.58	4.7	66
N828467		86.3	<0.002	0.15	20.2	9.4	1	2.1	139.0	0.56	<0.05	12.1	0.203	1.44	5.0	66
N828468		93.1	<0.002	0.13	5.10	9.1	1	2.3	224	0.52	<0.05	11.6	0.181	1.12	4.4	67
N828469		89.9	<0.002	0.17	21.2	9.2	1	2.2	205	0.61	<0.05	12.8	0.206	1.09	4.3	62
N828470		96.3	<0.002	0.18	22.4	9.6	1	2.1	204	0.66	<0.05	14.2	0.219	1.23	4.6	67
N828471		70.3	<0.002	0.30	46.0	10.1	1	2.1	252	0.72	<0.05	15.3	0.238	0.90	5.2	60
N828472		63.3	<0.002	0.18	31.0	9.5	1	2.0	229	0.72	<0.05	12.3	0.240	0.99	3.7	66
N828473		91.0	<0.002	0.24	23.6	8.7	1	1.9	124.0	0.61	<0.05	13.6	0.220	1.60	5.3	64
N828474		92.3	<0.002	0.24	20.2	10.2	1	2.5	135.0	0.67	<0.05	13.5	0.235	1.75	4.7	69
N828475		90.1	<0.002	0.30	29.0	9.6	1	2.6	106.0	0.60	<0.05	14.1	0.216	1.67	4.6	68
N828476		164.5	<0.002	4.63	96.5	8.0	1	8.1	95.2	0.47	0.35	11.4	0.176	2.28	6.1	55
N828477		144.5	<0.002	0.98	17.80	10.1	1	3.4	43.3	0.44	0.08	14.4	0.162	2.44	5.8	71
N828478		96.4	<0.002	0.20	6.96	9.4	1	2.2	118.0	0.54	<0.05	13.3	0.188	1.76	5.2	67
N828479		86.8	<0.002	0.08	3.33	9.9	1	2.2	312	0.62	<0.05	11.6	0.252	1.24	5.0	80
N828480		88.3	0.003	0.10	2.91	9.5	1	2.4	330	0.59	<0.05	10.9	0.243	1.18	4.6	76
N828481		117.5	0.003	0.52	12.90	9.8	1	2.9	128.0	0.70	<0.05	14.3	0.243	2.09	4.2	69
N828482		168.0	<0.002	4.89	45.6	7.1	1	7.2	27.0	0.38	0.34	9.5	0.146	2.41	4.2	47
N828483		1.7	<0.002	0.01	0.13	0.2	1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2
N828484		135.0	0.002	2.61	185.0	6.4	1	5.4	79.4	0.38	0.15	10.5	0.148	2.29	3.9	47
N828485		153.5	<0.002	1.15	20.3	9.0	1	4.3	131.0	0.52	<0.05	12.6	0.191	2.72	3.7	59
N828486		149.0	0.003	0.95	10.35	9.0	1	4.4	88.3	0.52	<0.05	12.3	0.199	2.79	3.2	72
N828487		132.5	0.003	0.33	5.00	8.8	1	2.9	97.3	0.51	<0.05	12.0	0.183	2.83	3.1	63
N828488		175.0	<0.002	0.86	10.10	8.1	1	4.6	73.1	0.46	<0.05	12.7	0.166	2.87	3.3	61
N828489		133.0	0.003	6.93	214	7.2	1	8.6	126.0	0.44	0.44	8.8	0.181	2.03	5.9	52
N828490		181.0	0.002	4.63	21.1	8.7	1	6.5	63.0	0.49	0.10	12.5	0.187	2.69	4.2	55
N828491		219	<0.002	2.92	16.30	9.3	<1	5.9	25.8	0.48	0.10	12.6	0.192	3.14	3.2	61
N828492		216	<0.002	1.35	13.05	9.5	1	5.9	50.2	0.48	<0.05	15.4	0.188	3.39	5.0	56
N828493		176.0	<0.002	2.72	30.8	8.4	1	4.9	48.2	0.38	0.11	10.2	0.148	2.72	3.3	57
N828494		110.5	0.002	0.64	6.13	9.1	1	3.2	178.5	0.56	0.13	10.8	0.217	2.07	4.5	70
N828495		192.5	<0.002	4.70	12.75	9.3	1	7.7	38.8	0.51	0.07	13.2	0.205	3.20	4.2	61

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147078\*\*

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

Project: Klaza-70

**CERTIFICATE OF ANALYSIS WH12173675**

Sample Description	Method Analyte Units LOR	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N828460		1.9	11.1	99	24.0		
N828461		2.5	13.2	139	28.0		
N828462		1.7	13.2	81	30.6		
N828463		3.6	12.5	94	32.0		
N828464		3.6	11.1	104	27.2		
N828465		0.1	0.7	15	<0.5		
N828466		3.2	12.3	146	30.6		
N828467		2.7	13.1	101	28.9		
N828468		1.5	14.8	81	25.1		
N828469		2.1	13.4	68	32.0		
N828470		2.6	14.2	72	32.5		
N828471		5.9	14.6	62	34.2		
N828472		5.3	12.2	70	30.7		
N828473		3.6	12.4	68	30.1		
N828474		4.6	13.3	103	33.6		
N828475		2.9	13.5	140	30.9		
N828476		5.3	10.1	5210	24.1		
N828477		4.5	10.2	935	24.0		
N828478		1.4	11.9	63	27.3		
N828479		1.2	13.6	52	31.2		
N828480		0.9	13.8	53	31.5		
N828481		2.9	12.7	341	35.8		
N828482		6.4	7.8	1760	22.7		
N828483		0.1	0.8	20	<0.5		
N828484		4.5	7.9	1110	19.0		
N828485		4.2	12.2	709	26.0		
N828486		1.7	10.7	1660	23.3		
N828487		2.0	11.0	191	23.3		
N828488		2.0	10.3	755	22.2		
N828489		4.7	8.8	>10000	29.3	119	1.620
N828490		4.6	11.2	381	24.8		
N828491		3.4	7.4	1570	22.6		
N828492		2.9	9.4	941	22.8		
N828493		5.6	8.9	1820	19.5		
N828494		2.1	12.3	249	25.2		
N828495		4.9	10.1	333	25.6		

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147078\*\*

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**CERTIFICATE OF ANALYSIS WH12173675**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12173676**

Project: Klaza-75

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

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**ATTN: JOAN MARIACHER**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158892\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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 Account: ROCKHA

Project: Klaza-75

**CERTIFICATE OF ANALYSIS WH12173676**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N828827		<0.005
N828828		<0.005
N828829		<0.005
N828830		<0.005
N828831		<0.005
N828832		<0.005
N828833		<0.005
N828834		<0.005
N828835		<0.005
N828836		<0.005
N828837		<0.005
N828838		0.777
N828839		<0.005
N828840		<0.005
N828841		<0.005
N828842		<0.005
N828843		<0.005
N828844		<0.005
N828845		<0.005
N828846		<0.005
N828847		<0.005
N828848		<0.005
N828849		<0.005
N828850		<0.005
N828951		0.010
N828952		<0.005
N828953		0.149
N828954		<0.005
N828955		<0.005
N828956		<0.005
N828957		<0.005
N828958		<0.005
N828959		2.36
N828960		<0.005
N828961		<0.005
N828962		<0.005

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158892\*\*





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**CERTIFICATE WH12173677**

Project: Klaza-66

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145813\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 7-AUG-2012  
Account: ROCKHA

Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12173677**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
N829667		0.23	7.48	35.0	1360	1.59	0.93	3.55	0.17	50.0	12.4	8	22.1	4.8	3.45	14.30
N829668		0.48	7.21	27.8	2070	1.83	1.11	3.11	2.41	57.8	9.3	8	19.75	7.5	3.90	14.15
N829669		11.70	5.95	513	610	1.26	15.65	2.14	35.5	36.0	17.7	6	11.55	473	8.09	13.50
N829670		2.23	7.47	116.5	1050	1.67	5.43	1.96	1.84	54.1	9.2	9	14.70	62.6	4.82	16.35
N829671		>100	5.73	6970	820	1.06	68.6	1.94	219	30.9	8.2	17	10.20	1300	8.16	11.55
N829672		5.01	6.33	300	230	1.41	10.60	1.63	20.1	43.1	13.3	7	14.50	88.9	6.81	13.90
N829673		11.55	6.03	1370	470	1.17	24.0	0.86	25.8	36.2	8.6	7	11.10	250	8.19	13.50
N829674		0.08	0.12	6	20	0.09	0.11	21.3	0.17	1.33	0.6	1	0.30	3.3	0.49	0.34
N829675		2.11	7.18	216	360	1.35	3.09	0.90	1.36	54.5	5.9	8	9.33	90.0	6.92	15.95
N829676		1.09	7.92	426	860	1.60	1.99	1.84	1.12	51.5	5.4	10	13.65	35.2	5.70	17.40
N829677		2.11	7.73	1645	600	1.73	3.11	0.98	2.50	58.3	5.9	8	11.75	134.5	7.53	18.00
N829678		1.39	7.84	3970	850	1.73	2.61	0.75	3.77	59.1	5.4	8	8.73	36.2	8.92	20.8
N829679		0.29	8.19	72.0	2200	1.54	0.40	2.77	0.38	48.2	6.2	9	18.95	46.4	3.68	16.40
N829680		0.29	8.01	35.9	2160	1.48	0.81	2.13	0.30	50.1	9.7	9	15.85	30.3	4.18	16.35
N829681		26.5	6.33	3750	290	1.34	19.30	2.38	81.5	44.2	10.7	19	14.05	463	6.91	13.75
N829682		0.43	7.85	71.1	1850	1.54	0.60	1.85	1.27	48.4	7.7	9	16.10	15.1	4.00	15.80
N829683		10.00	5.98	6230	480	1.35	15.50	1.46	27.0	44.8	10.2	8	14.05	448	6.91	14.25
N829684		0.38	7.24	44.3	1770	1.69	0.59	2.84	0.72	50.6	5.9	10	28.4	9.3	2.72	15.25
N829685		0.14	8.22	11.1	2340	1.94	0.27	2.27	0.15	44.6	7.5	10	21.4	13.1	4.25	16.35
N829686		0.60	7.72	51.0	1380	1.64	1.41	2.56	0.66	49.8	9.1	10	17.40	38.0	3.98	15.75
N829687		1.09	7.82	427	1640	2.14	1.11	3.12	5.21	65.8	6.4	12	28.4	26.0	3.27	16.95
N829688		0.46	7.81	98.4	2280	2.36	0.52	3.98	1.34	68.0	5.3	11	24.0	17.9	2.89	17.90
N829689		0.19	7.61	39.2	2540	2.08	0.25	4.33	0.91	66.9	4.9	10	23.4	4.4	2.83	16.25
N829690		0.28	7.84	16.6	1870	1.49	0.58	2.86	0.21	46.0	8.8	9	18.95	16.7	3.24	15.45
N829691		0.26	7.88	85.3	2250	1.66	0.61	2.55	0.21	48.8	8.9	10	24.2	20.2	3.24	16.15
N829692		1.14	7.27	279	1200	1.43	1.73	1.62	0.59	50.9	7.4	8	13.40	82.4	4.94	14.65
N829693		0.82	7.74	1360	820	1.50	1.92	1.83	2.08	47.8	8.6	8	11.55	29.8	4.75	15.50
N829694		0.55	7.41	153.5	1700	1.53	0.64	2.59	3.70	44.7	8.3	9	16.95	15.7	3.53	14.85
N829695		5.80	6.13	448	310	1.43	8.14	2.96	17.40	41.6	13.6	7	13.40	164.5	6.16	13.05
N829696		0.04	0.09	<5	40	0.07	0.05	21.2	0.11	1.27	0.6	<1	0.33	2.3	0.48	0.28
N829697		0.13	7.55	12.1	2130	1.52	0.34	2.13	0.19	31.8	6.8	9	16.00	13.3	3.17	15.60
N829698		0.29	7.06	27.8	1570	1.27	0.76	2.82	0.37	39.4	7.0	9	13.65	22.6	2.50	15.05
N829699		1.18	7.27	416	640	1.62	1.47	2.43	3.00	47.9	8.9	7	16.50	81.9	4.25	15.70
N829700		1.84	7.44	785	440	1.49	3.10	2.06	0.58	49.2	9.5	9	14.35	35.1	4.69	16.05
N829701		0.83	7.60	149.0	2070	1.45	1.73	2.22	0.40	43.1	7.1	10	15.10	51.0	3.88	15.00
N829702		0.96	7.60	146.5	1940	1.53	1.68	2.17	0.40	45.9	7.5	10	15.65	52.0	3.84	15.70

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145813\*\*

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



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Plus Appendix Pages  
Finalized Date: 7-AUG-2012  
Account: ROCKHA

Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12173677**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
N829667		0.17	0.9	0.232	2.95	29.4	13.6	1.14	1000	0.54	0.11	6.1	3.2	590	13.1	132.0
N829668		0.17	0.9	0.372	2.92	34.6	14.2	1.05	1300	0.90	0.09	6.2	3.6	570	114.0	128.0
N829669		0.14	0.7	0.564	2.58	18.7	14.5	0.97	7370	2.96	0.04	5.0	3.0	440	934	137.0
N829670		0.17	1.1	0.219	2.79	32.4	37.3	0.95	1880	1.91	0.04	7.0	3.2	590	117.5	147.0
N829671		0.08	1.1	4.13	2.35	17.0	27.4	0.62	3000	13.90	0.09	4.9	11.8	470	9310	125.5
N829672		0.14	1.0	0.219	2.67	22.8	20.2	0.88	9000	2.91	0.03	5.9	3.1	510	710	139.0
N829673		0.13	1.0	0.367	2.68	19.6	12.2	0.62	2210	4.10	0.03	5.1	2.7	430	794	164.5
N829674		0.14	<0.1	0.012	0.04	0.7	1.2	13.10	235	0.25	0.01	0.2	2.0	180	5.4	2.2
N829675		0.15	1.2	0.281	3.25	29.4	8.9	0.99	1710	1.41	0.04	6.8	2.7	550	77.7	191.0
N829676		0.14	1.2	0.222	3.23	30.0	28.3	0.98	1240	3.65	0.43	7.4	3.0	660	62.8	163.5
N829677		0.14	1.2	0.326	3.39	33.5	17.4	1.01	2010	2.02	0.04	6.7	3.2	570	154.0	184.0
N829678		0.17	1.1	0.269	3.48	31.5	10.8	0.81	1740	3.57	0.06	6.9	3.3	620	133.5	186.0
N829679		0.14	1.2	0.093	2.67	24.3	30.3	0.90	738	0.52	0.31	7.9	3.0	700	18.1	85.8
N829680		0.17	1.0	0.155	2.40	25.8	49.4	0.87	741	3.14	0.10	7.6	3.8	640	20.8	99.1
N829681		0.14	1.0	1.700	2.76	22.5	23.4	0.97	2040	13.30	0.04	5.6	16.4	470	2970	153.0
N829682		0.13	1.3	0.085	2.46	26.3	53.1	0.75	1080	7.71	0.06	7.6	3.0	610	63.3	92.7
N829683		0.14	0.9	0.616	2.29	26.5	32.0	0.63	1840	6.33	0.03	5.5	4.7	440	516	139.5
N829684		0.15	1.5	0.086	2.74	27.0	49.8	0.82	934	1.85	0.05	7.8	2.5	680	39.3	104.5
N829685		0.16	1.2	0.049	2.88	21.9	29.4	0.96	565	1.64	1.13	8.1	3.2	640	16.9	100.5
N829686		0.15	1.0	0.096	2.76	26.4	70.2	0.87	1120	1.14	0.50	7.2	3.1	610	38.4	117.0
N829687		0.20	2.4	0.056	2.94	36.4	42.1	1.04	1400	2.03	0.07	10.3	3.1	870	124.0	112.5
N829688		0.17	2.5	0.048	3.05	34.5	56.2	1.09	1120	1.63	0.07	11.0	3.2	890	51.7	100.5
N829689		0.17	2.3	0.038	2.84	35.0	55.6	1.14	1230	1.15	0.09	10.2	2.9	860	35.0	89.9
N829690		0.15	1.0	0.066	2.84	24.3	31.4	0.89	780	1.10	1.00	6.8	2.7	600	20.2	99.1
N829691		0.16	1.2	0.076	2.81	26.3	37.6	0.76	497	1.45	1.57	7.7	3.1	630	22.8	107.0
N829692		0.15	1.2	0.135	2.77	28.2	45.3	0.85	988	0.53	0.11	6.6	2.7	560	56.2	153.5
N829693		0.16	1.0	0.137	2.31	24.9	29.2	0.68	630	0.65	0.55	7.2	2.7	600	77.8	105.5
N829694		0.16	1.0	0.117	2.78	24.1	48.4	0.83	4360	0.64	0.06	6.6	3.0	580	114.0	98.9
N829695		0.13	0.7	0.183	2.60	23.2	19.2	1.09	4440	5.71	0.04	5.3	3.4	440	378	134.5
N829696		0.13	<0.1	0.012	0.04	0.6	1.2	13.05	227	0.23	<0.01	0.2	1.6	180	2.8	2.0
N829697		0.16	1.2	0.062	2.77	14.1	59.2	0.74	558	3.51	0.10	7.8	2.8	650	17.5	67.5
N829698		0.15	1.0	0.098	2.51	19.5	71.7	0.69	649	6.34	0.06	7.2	2.6	620	21.4	75.6
N829699		0.16	1.0	0.293	2.98	26.4	30.4	0.95	1820	43.6	0.05	6.8	2.9	540	128.0	148.5
N829700		0.16	1.0	0.129	3.00	25.5	31.7	0.74	662	4.65	0.09	7.0	2.8	590	78.8	137.0
N829701		0.15	1.0	0.169	3.40	23.3	29.1	0.79	934	4.07	0.09	6.7	2.8	620	39.6	128.5
N829702		0.17	1.0	0.175	3.32	25.9	30.7	0.78	921	3.16	0.09	7.0	3.0	600	37.3	136.0

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145813\*\*

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



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Plus Appendix Pages  
Finalized Date: 7-AUG-2012  
Account: ROCKHA

Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12173677**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
N829667		0.002	1.34	8.02	9.8	1	3.8	137.5	0.56	0.08	12.4	0.226	2.13	3.2	67	2.7
N829668		0.003	1.01	7.31	10.0	1	5.0	113.5	0.56	0.10	12.5	0.220	2.07	2.8	64	4.1
N829669		0.003	6.69	47.8	8.5	2	11.5	70.8	0.45	0.51	9.3	0.179	2.36	4.3	56	7.3
N829670		0.003	1.71	16.10	10.7	1	6.4	106.0	0.58	0.32	13.5	0.247	2.42	3.5	68	6.2
N829671		<0.002	7.10	211	6.7	1	8.0	121.5	0.42	0.43	7.3	0.175	2.01	4.7	52	3.7
N829672		0.003	4.24	25.7	8.5	1	7.8	74.0	0.54	0.66	11.5	0.207	2.46	3.7	60	7.1
N829673		<0.002	6.56	43.9	7.5	1	9.0	34.0	0.49	0.54	9.8	0.172	2.19	3.3	53	7.2
N829674		0.002	0.02	0.36	0.3	1	0.5	44.3	<0.05	<0.05	<0.2	<0.005	0.02	0.6	1	0.1
N829675		<0.002	3.95	13.05	9.3	1	8.5	42.6	0.67	0.34	13.2	0.229	2.76	5.1	66	8.5
N829676		0.004	2.41	6.77	10.6	1	6.4	153.0	0.70	0.11	13.6	0.266	2.33	5.1	73	6.1
N829677		0.004	2.83	10.60	10.0	1	10.6	51.0	0.64	0.12	13.8	0.237	2.93	5.0	67	12.0
N829678		0.003	6.06	10.15	10.6	1	10.8	39.8	0.60	0.11	12.7	0.248	2.99	4.1	70	15.4
N829679		0.002	0.27	15.80	10.6	1	3.6	204	0.74	<0.05	11.3	0.294	1.62	4.7	82	3.3
N829680		0.005	0.66	14.55	10.7	<1	6.1	163.5	0.64	0.05	13.8	0.274	1.56	4.0	79	5.2
N829681		0.007	5.10	92.1	7.9	1	8.3	94.6	0.49	0.40	10.0	0.187	2.53	5.1	59	5.1
N829682		0.009	0.44	12.80	10.5	<1	4.8	129.5	0.68	<0.05	14.6	0.273	1.55	3.6	76	6.5
N829683		0.005	5.54	113.5	7.8	1	9.2	73.2	0.48	0.75	10.7	0.186	1.88	3.5	54	8.0
N829684		0.004	0.55	12.75	8.3	1	3.5	169.0	0.66	0.06	10.5	0.251	1.76	5.0	65	3.6
N829685		0.005	0.08	4.30	11.0	1	2.5	347	0.64	<0.05	11.8	0.279	1.17	3.5	76	1.7
N829686		0.004	1.01	15.90	10.7	<1	4.0	202	0.62	0.07	12.2	0.264	1.96	4.4	73	5.4
N829687		0.004	0.88	11.70	6.3	1	3.3	229	0.75	<0.05	11.2	0.260	1.89	5.4	53	3.3
N829688		0.003	0.20	10.65	6.3	<1	2.8	281	0.81	<0.05	10.0	0.272	1.96	5.4	54	2.1
N829689		0.004	0.12	8.37	5.7	1	2.0	303	0.76	<0.05	10.0	0.258	1.74	4.9	50	1.4
N829690		0.004	0.67	5.68	9.5	1	2.6	294	0.54	0.06	10.8	0.262	1.60	3.3	69	4.7
N829691		0.003	0.37	6.16	10.5	1	2.9	343	0.64	<0.05	12.8	0.264	1.33	4.4	71	3.5
N829692		0.005	1.74	18.85	9.5	<1	6.6	104.0	0.67	<0.05	15.1	0.241	2.12	4.2	66	6.8
N829693		0.004	1.44	13.40	10.1	<1	7.7	160.0	0.66	<0.05	12.1	0.251	1.46	3.2	67	6.2
N829694		0.003	0.72	11.85	9.5	<1	3.9	127.5	0.59	0.07	12.1	0.250	2.13	4.0	69	4.6
N829695		0.002	4.65	31.8	8.0	1	8.2	91.1	0.47	0.72	10.1	0.190	2.26	5.8	57	6.2
N829696		0.004	0.02	0.27	0.2	<1	0.5	46.9	<0.05	<0.05	<0.2	<0.005	0.02	0.5	2	0.1
N829697		0.002	0.21	7.79	8.9	1	2.5	132.5	0.75	<0.05	10.3	0.279	1.47	3.6	77	6.3
N829698		0.003	0.62	12.10	9.3	<1	2.7	180.5	0.64	0.06	10.7	0.260	1.54	3.7	73	11.9
N829699		0.004	1.97	13.80	10.6	1	6.0	112.0	0.60	0.21	11.7	0.249	2.04	4.6	74	10.9
N829700		0.003	2.70	9.57	10.4	1	6.0	121.0	0.60	0.29	11.8	0.251	1.88	3.7	70	8.5
N829701		0.002	1.35	9.46	9.7	<1	3.6	141.0	0.57	0.22	11.9	0.263	2.03	4.4	74	11.0
N829702		0.002	1.32	9.64	10.3	1	3.9	140.5	0.60	0.34	13.0	0.257	2.01	4.9	72	10.8

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145813\*\*

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



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 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 7-AUG-2012  
 Account: ROCKHA

Project: Klaza-66

**CERTIFICATE OF ANALYSIS WH12173677**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N829667		14.8	39	21.4		
N829668		14.7	251	21.4		
N829669		9.6	3020	16.5		
N829670		12.6	189	24.3		
N829671		8.6	>10000	30.5	118	1.585
N829672		10.1	1720	23.1		
N829673		7.5	2170	21.0		
N829674		0.8	24	<0.5		
N829675		8.6	158	26.3		
N829676		12.3	138	26.6		
N829677		8.8	296	27.0		
N829678		8.9	360	25.9		
N829679		14.9	73	27.1		
N829680		14.8	63	24.9		
N829681		10.1	5720	24.5		
N829682		14.2	135	29.0		
N829683		9.3	2040	20.7		
N829684		12.3	105	42.6		
N829685		15.6	49	28.3		
N829686		14.2	98	24.0		
N829687		12.5	510	75.0		
N829688		13.2	165	80.4		
N829689		13.3	127	78.1		
N829690		14.1	51	24.0		
N829691		15.6	45	26.0		
N829692		11.7	95	23.4		
N829693		13.3	164	22.1		
N829694		13.6	316	21.5		
N829695		11.2	1420	17.6		
N829696		0.8	20	<0.5		
N829697		11.2	47	26.7		
N829698		13.0	56	23.7		
N829699		13.4	290	22.4		
N829700		14.1	73	23.2		
N829701		12.9	69	22.5		
N829702		13.9	65	22.5		

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145813\*\*

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



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Project: Klaza-66

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Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12173677**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Page: 1

Finalized Date: 14-AUG-2012

Account: ROCKHA

**CERTIFICATE WH12174364**

Project: Klaza TR-12-1

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 14-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-1

**CERTIFICATE OF ANALYSIS WH12174364**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815109		7.15	0.113	2.31	8.16	81.0	1800	1.66	3.22	0.37	5.11	45.0	13.5	90	14.25	319
N815110		6.64	0.359	6.70	7.84	425	990	1.81	41.5	0.19	8.91	50.1	18.1	140	29.9	1135
N815111		7.14	0.188	5.04	7.98	278	1070	1.61	3.41	0.16	4.88	49.8	7.8	34	26.3	603
N815112		4.72	0.179	2.00	7.92	64.9	1970	1.60	2.67	0.60	2.71	59.7	10.2	8	13.25	186.5
N815113		5.05	0.304	4.77	8.17	115.5	1890	1.49	6.27	0.43	4.05	65.1	9.3	8	14.90	173.5
N815114		4.16	0.853	30.3	7.35	465	2090	1.48	47.9	0.35	3.99	69.0	3.5	7	11.25	254
N815115		4.24	0.030	0.50	8.17	16.2	2260	1.66	0.79	1.26	0.95	56.8	7.3	9	7.89	100.0
N815116		6.18	0.033	0.49	8.28	29.8	1750	1.77	0.82	0.57	0.95	68.2	10.7	7	16.20	139.0
N815117		6.69	0.034	0.44	8.25	23.9	1740	1.81	0.83	0.41	0.77	65.0	9.2	7	16.85	110.0
N815118		5.41	0.077	3.13	8.16	87.5	1580	1.59	7.84	0.20	0.95	50.3	9.8	6	18.75	182.0
N815119		2.85	0.037	0.74	8.57	57.3	1670	1.82	0.71	0.38	6.28	53.7	8.0	7	24.1	307
N815120		3.24	0.538	10.40	7.19	333	780	1.39	5.06	0.17	3.81	53.1	1.0	6	19.60	109.5
N815121		3.57	0.114	0.97	8.58	110.0	2400	2.16	0.57	0.23	29.3	59.3	13.1	5	18.40	229
N815122		3.45	0.254	5.48	7.58	201	810	1.50	2.80	0.17	2.22	54.0	1.3	6	22.8	128.0
N815123		3.29	<0.005	0.02	0.09	<5	30	0.08	0.04	21.1	0.09	1.39	1.3	<1	0.57	2.3
N815124		4.14	0.238	6.84	7.03	210	640	1.15	2.73	0.19	4.08	49.1	0.6	5	17.60	119.0
N815125		5.70	0.030	1.07	8.01	95.9	1960	2.05	1.46	0.41	10.80	55.6	10.0	6	17.15	424
N815126		3.92	0.046	0.59	7.91	68.2	1740	1.94	0.97	0.30	6.13	55.5	8.4	6	23.4	223
N815127		3.96	0.093	0.40	8.05	31.8	2030	1.62	0.72	0.26	4.73	57.3	8.5	6	22.5	131.0
N815128		3.75	0.258	1.87	7.67	45.5	2520	1.66	1.21	0.28	6.07	61.0	13.9	6	13.90	255
N815129		5.63	0.312	>100	7.79	179.5	2150	1.76	210	0.61	3.33	57.1	7.4	7	14.75	438
N815130		6.49	0.136	1.20	7.77	54.5	1980	1.64	3.37	0.74	1.69	63.5	8.6	9	12.05	179.5
N815131		3.20	0.356	6.15	7.78	63.0	1670	1.81	2.05	0.80	1.83	61.8	7.7	12	11.80	116.5
N815132		0.26	1.300	35.4	7.84	541	1240	1.94	1.32	0.30	31.1	76.7	5.1	16	3.30	130.5
N815133		4.33	0.077	0.43	8.15	42.1	2090	1.71	0.54	0.63	1.51	58.6	10.0	11	18.05	79.6
N815134		6.16	0.077	1.49	7.41	318	1890	1.65	0.73	0.22	2.52	55.2	8.1	11	24.9	143.0
N815135		4.49	0.072	0.90	7.86	152.5	1970	1.64	0.63	0.20	1.96	51.5	7.9	11	20.1	103.0
N815136		4.09	0.043	0.33	8.11	23.1	2400	1.31	0.65	0.25	0.83	47.6	8.3	11	15.00	67.7
N815137		3.26	0.352	1.65	7.82	106.0	1580	1.66	0.66	0.20	1.65	64.8	8.5	11	19.25	178.5
N815138		4.67	0.050	0.92	8.16	19.7	2250	1.39	0.62	0.35	0.83	47.0	6.3	10	16.00	86.3
N815139		3.39	0.111	0.66	7.88	27.1	1970	1.77	0.54	0.77	0.65	54.0	8.6	9	13.70	129.0
N815140		3.26	0.084	0.86	8.21	18.2	2090	1.36	0.98	0.31	0.59	87.1	5.8	8	13.00	133.5
N815141		3.42	0.126	0.49	7.72	24.0	2380	1.73	0.70	0.36	1.34	70.7	19.2	10	11.85	163.0
N815142		4.07	0.038	0.32	8.28	28.2	2240	1.50	0.63	0.22	2.13	56.6	9.8	11	19.05	86.6
N815143		3.51	0.023	0.17	8.56	12.1	3710	1.38	0.53	0.29	1.09	54.6	9.9	11	11.15	54.1
N815144		5.20	0.413	1.39	8.05	149.5	2030	1.48	0.74	0.20	4.00	56.8	11.2	11	17.25	66.8





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Plus Appendix Pages  
Finalized Date: 14-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-1

**CERTIFICATE OF ANALYSIS WH12174364**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N815109		4.53	18.90	0.07	1.9	0.121	3.10	27.2	19.6	0.51	760	2.96	1.00	8.0	29.0	790
N815110		6.06	18.75	0.11	1.7	0.228	3.09	33.6	11.8	0.28	1500	4.59	0.08	5.5	42.5	750
N815111		4.61	18.90	0.06	1.7	0.233	3.22	32.8	11.1	0.30	400	2.82	0.08	6.4	11.2	650
N815112		4.06	17.30	0.09	1.0	0.089	2.88	36.2	22.5	0.27	431	1.59	1.17	7.2	4.9	620
N815113		4.59	18.20	0.09	1.1	0.200	3.08	38.1	16.6	0.30	555	1.94	0.51	7.4	4.3	600
N815114		6.10	16.80	0.13	0.9	0.341	2.85	47.1	15.0	0.27	193	3.20	0.44	5.1	3.2	680
N815115		3.71	17.20	0.09	1.0	0.043	2.67	30.2	16.4	0.60	333	0.99	1.88	8.2	3.5	650
N815116		3.82	17.80	0.09	1.0	0.045	2.70	42.0	21.7	0.42	449	1.46	0.88	8.1	3.9	680
N815117		4.09	17.25	0.07	1.1	0.037	2.64	40.0	21.7	0.29	379	1.41	0.86	7.0	3.6	640
N815118		4.45	19.25	0.07	1.0	0.094	2.89	30.3	26.6	0.25	243	1.11	0.10	7.2	4.7	580
N815119		3.61	18.40	0.08	1.0	0.067	3.21	31.8	23.0	0.23	1300	1.03	0.07	8.2	3.5	660
N815120		3.15	18.65	0.05	0.9	0.540	3.06	33.3	14.5	0.29	395	0.79	0.04	7.1	0.7	550
N815121		4.02	18.85	0.08	0.9	0.068	2.86	34.3	26.4	0.24	4230	0.93	0.06	8.6	5.0	740
N815122		2.92	17.35	0.07	1.0	0.190	3.09	32.3	14.3	0.29	336	0.76	0.05	7.7	0.8	580
N815123		0.46	0.35	<0.05	<0.1	<0.005	0.04	0.7	1.1	12.60	207	0.11	0.01	0.4	2.3	190
N815124		2.70	16.50	<0.05	0.9	0.370	2.94	31.9	13.6	0.28	176	0.77	0.04	7.3	0.5	400
N815125		4.54	17.20	0.08	1.0	0.095	2.99	30.6	22.6	0.40	1450	1.06	0.17	7.9	3.7	650
N815126		3.83	17.10	0.08	0.9	0.085	2.91	32.4	24.5	0.29	544	0.97	0.15	8.1	2.9	590
N815127		3.60	17.15	0.07	1.0	0.057	3.19	34.9	23.2	0.27	395	1.20	0.13	7.5	2.8	570
N815128		3.32	16.20	0.06	1.2	0.139	3.42	36.7	19.3	0.21	499	11.55	0.77	7.6	2.3	590
N815129		4.32	16.30	0.07	1.1	0.460	2.96	36.3	14.0	0.28	517	1.38	1.10	7.7	2.8	650
N815130		3.72	16.50	0.09	1.0	0.119	2.75	37.7	20.2	0.37	515	1.28	1.08	8.3	3.9	670
N815131		3.52	16.20	0.06	1.0	0.129	2.68	33.7	18.2	0.42	561	1.39	1.22	7.8	4.5	650
N815132		5.81	22.0	0.15	2.4	0.250	3.52	41.0	23.4	0.29	1080	5.68	0.08	12.2	6.1	1800
N815133		3.53	17.55	0.07	1.0	0.088	2.82	31.8	21.0	0.30	602	1.57	1.14	8.1	4.2	660
N815134		3.99	17.00	0.11	0.9	0.117	2.61	41.6	30.0	0.22	660	1.93	0.10	8.0	4.6	600
N815135		3.42	18.35	0.12	1.0	0.062	2.74	34.2	27.7	0.19	833	1.84	0.10	8.7	4.0	580
N815136		3.45	18.50	0.11	1.1	0.062	2.80	24.4	30.0	0.27	478	1.31	0.14	9.0	3.6	640
N815137		3.63	18.35	0.15	1.0	0.062	2.89	45.0	29.2	0.22	1020	2.17	0.06	8.7	4.1	610
N815138		3.10	19.35	0.11	1.1	0.053	2.88	24.1	29.5	0.38	319	0.84	0.28	8.9	3.5	650
N815139		3.83	17.80	0.15	1.1	0.056	2.54	30.7	17.8	0.48	394	1.25	1.72	7.6	3.4	640
N815140		3.27	18.55	0.14	1.1	0.077	2.85	42.2	22.5	0.28	329	1.33	0.60	7.9	2.8	610
N815141		4.31	18.35	0.16	1.0	0.065	2.96	39.9	20.8	0.26	416	3.05	0.83	7.4	4.3	640
N815142		3.78	19.60	0.15	1.1	0.065	2.69	34.4	33.2	0.17	510	2.04	0.28	8.7	4.4	660
N815143		3.61	19.05	0.13	1.1	0.034	2.95	25.8	26.9	0.36	189	0.95	0.40	8.3	3.3	620
N815144		3.85	18.25	0.15	1.1	0.063	2.68	35.8	37.4	0.17	514	2.09	0.10	8.7	3.8	640



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**CERTIFICATE OF ANALYSIS WH12174364**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N815109		219	180.5	<0.002	0.22	16.05	11.7	1	3.5	203	0.72	0.25	12.6	0.261	4.5
N815110		225	166.5	<0.002	0.21	78.9	16.1	2	5.5	116.5	0.47	0.57	11.0	0.244	7.0
N815111		113.5	174.0	<0.002	0.20	85.5	12.8	2	5.6	101.5	0.53	0.48	13.3	0.243	5.3
N815112		87.1	152.0	<0.002	0.13	8.35	11.7	1	5.0	201	0.62	0.21	16.8	0.239	3.5
N815113		271	168.0	<0.002	0.27	18.65	12.9	2	7.0	141.5	0.64	0.21	18.5	0.258	3.8
N815114		1060	155.5	<0.002	0.31	141.0	11.8	3	8.6	138.0	0.42	0.69	16.0	0.203	5.1
N815115		35.3	129.0	<0.002	0.08	3.78	12.4	1	2.7	312	0.67	0.11	16.2	0.268	3.1
N815116		28.1	140.5	<0.002	0.04	14.75	13.6	1	3.1	153.5	0.70	0.13	16.2	0.260	4.1
N815117		49.8	139.0	<0.002	0.07	14.30	12.6	1	3.0	129.5	0.60	0.14	18.2	0.248	3.8
N815118		50.3	166.0	<0.002	0.05	18.40	13.0	1	3.9	60.4	0.57	0.23	15.6	0.237	4.2
N815119		34.1	178.0	<0.002	0.15	13.55	13.1	1	2.8	38.0	0.65	0.12	16.6	0.271	4.7
N815120		3250	208	<0.002	0.55	26.7	10.9	1	20.2	95.5	0.60	0.17	13.7	0.243	2.3
N815121		53.5	162.5	<0.002	0.10	13.80	13.1	1	2.5	50.8	0.69	0.13	16.1	0.281	5.4
N815122		1525	191.0	<0.002	0.39	24.3	12.0	1	7.6	139.5	0.66	0.23	16.2	0.249	3.3
N815123		2.8	3.5	<0.002	0.01	0.07	0.3	1	<0.2	54.0	<0.05	<0.05	<0.2	<0.005	0.9
N815124		1895	181.5	<0.002	0.57	45.0	9.9	1	11.2	96.6	0.61	0.08	13.3	0.244	2.3
N815125		69.8	151.5	<0.002	0.07	10.45	12.2	1	3.1	79.8	0.66	0.10	15.8	0.258	4.9
N815126		49.7	153.5	<0.002	0.05	13.70	12.0	1	3.2	67.2	0.66	0.23	15.9	0.258	4.2
N815127		26.1	159.5	<0.002	0.08	13.70	11.8	1	3.5	70.8	0.67	0.17	17.1	0.253	4.2
N815128		291	178.5	<0.002	0.16	18.10	11.4	1	5.3	121.5	0.76	0.19	19.6	0.225	4.5
N815129		2320	148.5	<0.002	0.11	32.2	12.0	2	5.4	189.5	0.71	0.54	18.0	0.246	4.8
N815130		64.6	138.0	<0.002	0.05	11.05	11.8	2	3.4	188.5	0.69	0.44	16.2	0.274	3.7
N815131		314	142.0	<0.002	0.03	7.70	11.3	1	3.5	201	0.64	0.14	15.6	0.272	3.2
N815132		4010	178.0	0.004	0.63	66.9	15.7	5	21.3	400	0.83	0.30	8.2	0.464	4.1
N815133		113.0	137.0	<0.002	0.04	8.57	11.2	2	2.4	181.5	0.60	0.19	15.6	0.265	3.7
N815134		121.5	139.5	<0.002	0.03	29.6	11.6	2	2.3	41.0	0.57	0.23	14.2	0.247	4.3
N815135		55.1	138.5	<0.002	0.04	20.1	12.4	2	2.4	41.1	0.63	0.28	13.4	0.274	4.1
N815136		22.8	134.5	<0.002	0.04	10.35	12.4	2	2.2	70.0	0.68	0.31	14.5	0.276	3.4
N815137		70.2	160.5	<0.002	0.04	27.4	12.8	2	2.5	34.2	0.64	0.33	15.5	0.265	4.5
N815138		55.1	126.5	<0.002	0.02	10.95	12.0	2	2.3	89.8	0.68	0.30	15.2	0.265	3.0
N815139		40.4	113.5	<0.002	0.05	6.38	12.4	1	2.8	240	0.69	0.17	12.9	0.271	3.1
N815140		49.2	123.0	0.002	0.02	7.54	11.2	1	2.9	100.5	0.76	0.43	23.0	0.266	3.5
N815141		21.8	132.0	0.002	0.05	10.75	12.8	1	3.1	134.0	0.70	0.23	17.4	0.256	5.1
N815142		20.7	135.5	<0.002	0.05	17.80	12.3	2	2.5	68.6	0.68	0.29	15.9	0.264	4.6
N815143		21.2	136.0	<0.002	0.06	9.46	12.4	2	2.3	121.5	0.68	0.17	16.3	0.270	4.0
N815144		569	152.5	<0.002	0.05	20.3	12.5	2	3.1	54.9	0.70	0.27	16.4	0.263	5.2



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**CERTIFICATE OF ANALYSIS WH12174364**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815109		88	4.1	13.8	406	52.2	
N815110		105	5.0	19.2	766	51.7	
N815111		87	14.6	16.0	421	52.0	
N815112		71	3.2	15.1	248	23.3	
N815113		76	2.9	15.6	380	24.0	
N815114		70	3.7	14.9	464	20.6	
N815115		77	2.7	15.9	114	22.7	
N815116		78	2.0	20.6	135	23.4	
N815117		73	2.7	18.7	135	23.7	
N815118		76	3.3	16.4	316	22.8	
N815119		77	2.6	18.9	727	23.3	
N815120		67	13.3	6.2	343	20.0	
N815121		77	2.5	23.2	2610	20.8	
N815122		69	9.0	10.8	372	21.9	
N815123		2	0.1	1.0	22	<0.5	
N815124		66	8.8	7.2	230	20.0	
N815125		72	2.4	18.0	1060	22.0	
N815126		71	2.1	17.4	608	22.2	
N815127		73	2.7	16.5	457	22.8	
N815128		65	3.3	17.7	546	25.3	
N815129		69	2.8	20.2	441	23.6	103
N815130		75	2.3	17.6	152	24.5	
N815131		74	2.2	15.6	238	24.5	
N815132		146	4.0	21.3	2520	63.3	
N815133		75	1.8	16.0	154	25.1	
N815134		70	2.4	21.5	231	23.3	
N815135		76	3.7	20.3	158	23.3	
N815136		77	3.1	16.9	65	25.7	
N815137		77	4.1	22.5	153	24.8	
N815138		73	2.5	14.7	113	26.1	
N815139		78	2.8	20.9	74	22.8	
N815140		72	3.0	19.0	69	24.7	
N815141		74	2.4	26.9	67	24.1	
N815142		77	3.1	19.9	100	27.3	
N815143		77	1.9	18.2	69	26.9	
N815144		79	3.6	21.8	296	27.0	



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**CERTIFICATE OF ANALYSIS WH12174364**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12174365**

Project: Klaza TR-12-1

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12174365**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815145		3.53	0.055	0.98	7.93	83.0	2360	1.57	0.61	0.33	5.80	62.2	16.7	12	21.0	55.2
N815146		5.91	0.022	0.39	7.93	33.8	2020	1.70	0.34	0.49	2.27	57.2	8.6	10	23.9	40.4
N815147		3.52	0.019	0.24	7.86	13.5	2120	1.81	0.34	1.07	1.21	50.5	8.5	7	12.45	62.5
N815148		4.48	0.327	1.85	7.83	432	2670	1.74	1.22	0.90	4.80	54.9	10.0	7	14.25	89.3
N815149		4.87	0.304	1.71	7.73	332	2770	1.56	0.46	0.72	4.30	50.3	9.8	10	14.80	65.3
N815150		4.03	1.435	11.90	7.64	770	1210	1.65	2.44	0.22	6.61	59.4	8.5	10	19.60	214
N815151		4.37	0.130	1.35	8.07	236	2150	1.52	1.11	0.54	5.72	57.4	11.3	11	14.25	113.5
N815152		5.63	0.395	5.09	7.69	359	2110	1.52	2.47	0.21	8.99	61.7	8.1	11	19.35	173.0
N815153		4.81	0.218	1.63	8.08	211	3700	1.40	1.24	0.30	7.15	61.2	11.1	11	14.70	177.5
N815154		2.76	0.044	39.7	8.39	39.6	2260	1.11	0.34	0.33	3.05	43.3	6.2	11	11.00	32.3
N815155		4.96	0.104	1.09	8.02	124.5	2400	1.56	1.23	0.53	5.56	59.9	10.7	12	13.15	68.0
N815156		3.47	0.090	1.18	7.47	103.5	1330	1.34	1.78	0.11	4.60	55.4	4.6	10	17.70	52.9
N815157		3.81	0.070	0.65	7.93	57.4	1880	1.56	0.79	0.29	3.25	56.1	11.6	10	15.80	43.2
N815158		3.95	0.042	0.29	8.01	38.6	2530	1.54	0.82	0.26	1.94	52.9	9.1	10	18.85	49.7
N815159		3.99	0.043	0.44	7.86	45.7	1630	1.34	0.52	0.29	2.85	53.3	10.7	10	16.20	56.7
N815160		4.92	0.118	2.12	7.82	82.9	2320	1.36	0.91	0.59	2.07	56.7	7.7	9	10.85	49.4
N815161		3.69	0.607	3.83	8.16	1975	1770	1.39	1.18	0.31	10.70	56.5	8.1	11	14.40	122.5
N815162		4.06	0.416	56.2	7.67	304	1240	1.50	0.67	0.19	9.08	53.7	7.0	10	22.3	114.5
N815163		3.66	5.01	49.0	7.51	>10000	1540	1.47	4.90	0.34	38.6	53.1	5.8	10	17.05	569
N815164		3.25	0.103	3.67	8.04	491	1800	1.29	1.33	0.26	13.40	49.1	8.9	10	15.75	96.4
N815165		3.53	0.184	1.03	7.85	313	3420	1.40	1.28	0.84	4.95	58.0	11.5	11	13.35	90.5
N815166		0.23	1.370	33.8	7.97	546	1260	1.75	1.36	0.30	29.6	78.1	5.5	20	3.45	131.0
N815167		2.89	0.247	3.82	7.84	214	1210	1.46	1.50	0.17	8.57	59.0	5.9	10	20.2	180.5
N815168		3.92	0.061	0.54	8.21	66.7	1620	1.59	0.63	0.19	7.14	55.3	9.6	12	21.9	55.4
N815169		3.56	0.008	0.24	8.02	22.2	1730	2.55	0.12	0.93	1.92	72.1	5.5	12	22.9	10.8
N815170		4.31	0.010	0.35	7.91	26.6	7480	2.43	0.16	0.79	1.56	77.0	5.6	9	19.15	12.0
N815171		3.53	0.012	0.35	7.76	21.0	1910	2.52	0.18	0.53	1.08	69.2	5.9	10	21.1	14.4
N815172		3.52	0.009	0.26	8.23	20.1	2060	2.76	0.23	0.50	0.94	81.1	6.4	11	22.3	12.6
N815173		3.24	0.794	5.70	7.44	172.5	3290	2.11	3.15	0.33	14.60	51.7	10.1	10	28.0	99.9
N815174		3.20	0.308	2.40	8.09	289	1370	1.87	1.11	0.21	3.05	52.0	9.3	10	34.9	69.3
N815175		3.68	<0.005	0.06	0.09	5	100	0.08	0.04	22.9	0.14	1.51	0.7	<1	0.27	1.7
N815176		5.65	0.063	0.54	7.84	47.1	2950	2.00	0.66	0.80	2.25	57.8	10.3	11	13.35	48.1
N815177		2.99	0.009	0.20	8.14	17.2	1550	2.30	0.15	1.07	0.40	56.9	6.3	9	24.3	9.8
N815178		4.35	0.018	0.30	8.03	20.1	2720	2.01	0.69	0.48	0.56	54.9	12.2	11	21.9	35.0
N815179		4.49	0.032	0.35	7.84	22.6	1900	1.81	0.37	0.92	1.93	54.4	9.5	13	16.05	50.6
N815180		5.38	0.283	1.57	7.48	139.0	1750	1.66	0.43	0.40	5.99	54.9	11.2	11	20.7	100.5



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Account: ROCKHA

Project: Klaza TR-12-1

**CERTIFICATE OF ANALYSIS WH12174365**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815145		4.45	17.80	0.17	1.2	0.052	2.98	41.0	18.8	0.27	1380	1.79	0.29	8.1	5.2	620
N815146		3.28	17.50	0.14	1.1	0.040	2.59	32.4	28.0	0.28	523	1.24	0.51	8.4	3.8	620
N815147		3.50	17.90	0.15	1.2	0.047	2.56	27.2	18.5	0.76	384	0.81	1.58	8.1	3.3	600
N815148		3.47	17.55	0.17	1.1	0.052	2.68	31.4	17.4	0.57	871	1.28	1.27	7.3	3.3	600
N815149		3.82	15.95	0.14	1.1	0.068	2.75	32.6	17.6	0.38	722	1.47	1.38	6.6	3.4	610
N815150		4.00	18.75	0.17	1.1	1.830	2.94	35.6	19.2	0.25	866	1.68	0.46	8.0	3.6	530
N815151		3.65	18.70	0.16	1.2	0.137	3.07	29.6	19.7	0.26	568	1.16	0.83	8.6	3.3	660
N815152		4.38	17.85	0.20	1.1	0.209	2.87	35.7	23.3	0.24	1190	1.74	0.12	8.0	3.9	610
N815153		4.09	18.75	0.18	1.1	0.091	2.79	37.7	35.4	0.18	769	1.13	0.29	8.3	3.7	650
N815154		2.96	18.80	0.12	1.2	0.050	2.90	14.2	21.7	0.29	385	0.82	0.46	9.4	3.2	660
N815155		4.56	18.00	0.17	1.1	0.105	2.85	32.7	21.2	0.31	603	1.51	0.88	7.5	4.1	590
N815156		3.56	17.15	0.15	1.0	0.072	3.06	35.3	16.2	0.26	363	1.47	0.06	6.5	3.5	450
N815157		3.75	18.40	0.17	1.1	0.057	3.20	30.1	17.8	0.21	456	1.37	0.89	6.0	3.4	620
N815158		3.49	17.90	0.16	1.1	0.057	2.84	29.0	30.4	0.18	293	0.98	1.08	6.9	2.8	600
N815159		3.92	17.80	0.17	1.0	0.041	2.60	26.2	25.7	0.21	692	1.24	0.37	7.2	3.9	590
N815160		3.19	17.90	0.16	1.0	0.094	2.80	28.8	24.5	0.38	266	0.91	1.37	7.4	2.7	630
N815161		4.41	18.55	0.20	1.0	0.157	2.90	39.1	24.3	0.30	512	1.04	0.35	7.9	3.3	630
N815162		3.77	17.75	0.17	1.0	0.356	2.62	33.9	23.5	0.20	281	1.20	0.20	7.0	2.5	590
N815163		6.02	19.65	0.24	1.0	0.890	3.03	36.2	16.8	0.29	485	1.14	0.35	7.5	2.4	580
N815164		3.99	18.40	0.18	1.1	1.485	2.73	26.9	23.4	0.27	774	1.28	0.22	8.3	2.9	630
N815165		3.97	17.30	0.19	1.0	0.076	2.98	33.1	19.5	0.34	347	1.43	1.73	7.8	3.1	610
N815166		5.68	23.2	0.28	2.5	0.258	3.57	39.2	22.5	0.29	1100	5.17	0.07	12.5	7.1	1830
N815167		4.25	18.00	0.18	1.2	0.311	2.86	31.9	24.0	0.25	923	4.34	0.10	7.8	3.2	640
N815168		3.30	19.10	0.16	1.3	0.054	2.75	29.9	98.0	0.20	802	1.62	0.20	8.8	3.6	630
N815169		2.42	20.7	0.15	2.6	0.040	2.63	37.8	46.4	0.21	558	1.06	1.04	11.8	5.1	1120
N815170		2.63	20.7	0.17	1.9	0.039	2.57	40.4	45.8	0.24	572	1.14	1.11	11.1	4.5	1090
N815171		2.56	21.9	0.19	2.1	0.055	2.46	33.2	46.4	0.21	596	1.11	1.46	11.6	4.6	1130
N815172		2.78	22.6	0.18	2.2	0.052	2.59	40.1	40.8	0.23	640	1.40	1.42	12.6	5.2	1170
N815173		4.96	18.50	0.19	1.4	0.414	2.94	27.6	52.1	0.27	2520	5.32	0.47	7.4	4.3	670
N815174		5.14	20.2	0.17	1.0	0.166	3.36	26.4	19.8	0.33	599	3.01	0.18	6.7	2.8	480
N815175		0.54	0.23	0.06	<0.1	0.005	0.03	0.7	1.3	13.55	251	0.15	<0.01	0.1	1.6	190
N815176		3.40	18.05	0.13	1.3	0.069	2.74	29.7	37.4	0.39	945	1.57	1.81	8.6	3.9	730
N815177		2.88	20.6	0.13	2.3	0.040	2.35	26.8	47.6	0.24	543	1.61	1.83	10.1	4.2	950
N815178		3.92	19.15	0.16	1.4	0.047	2.52	29.0	31.4	0.25	358	1.16	1.68	9.4	4.0	810
N815179		3.23	18.00	0.15	1.0	0.038	2.55	27.2	23.3	0.38	361	0.95	1.89	8.2	4.4	660
N815180		3.72	17.85	0.14	1.1	0.102	2.93	31.0	25.1	0.26	1300	1.37	0.59	7.7	4.2	610



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Account: ROCKHA

Project: Klaza TR-12-1

**CERTIFICATE OF ANALYSIS WH12174365**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815145		343	150.0	<0.002	0.11	10.45	11.6	2	2.6	65.4	0.70	0.16	18.3	0.236	2.21	5.4
N815146		31.5	129.0	<0.002	0.04	10.80	11.3	2	1.9	99.8	0.72	0.14	17.3	0.252	1.61	4.2
N815147		19.8	108.0	<0.002	0.04	2.39	11.5	1	2.1	270	0.84	0.06	16.3	0.258	1.24	3.2
N815148		298	125.0	0.002	0.06	7.67	11.2	1	4.0	203	0.77	0.05	16.2	0.242	1.45	3.7
N815149		145.5	130.0	0.002	0.08	5.16	10.7	1	2.6	246	0.68	0.13	14.0	0.241	1.73	5.7
N815150		1260	175.5	<0.002	0.09	24.6	11.3	2	9.6	87.8	0.66	0.33	15.4	0.239	2.31	6.9
N815151		123.5	154.5	<0.002	0.04	11.60	11.5	2	3.0	154.0	0.72	0.31	17.6	0.255	1.94	4.8
N815152		446	165.5	<0.002	0.05	44.2	11.5	2	5.7	49.9	0.65	0.20	16.2	0.243	2.07	5.5
N815153		184.0	145.0	<0.002	0.11	33.8	11.7	2	3.9	106.0	0.69	0.40	17.5	0.251	1.80	5.1
N815154		233	132.5	<0.002	0.01	6.60	11.1	2	2.1	97.7	0.81	0.13	15.5	0.284	1.45	2.7
N815155		169.0	147.0	<0.002	0.10	11.25	11.9	2	4.0	162.0	0.61	0.33	16.3	0.249	1.84	4.1
N815156		220	171.5	<0.002	0.14	15.90	11.3	2	4.4	42.2	0.50	0.29	14.9	0.221	2.74	4.4
N815157		112.0	166.0	<0.002	0.10	7.30	10.8	2	2.6	181.0	0.46	0.30	14.8	0.215	2.23	3.1
N815158		42.4	137.0	<0.002	0.12	8.14	11.1	2	2.4	187.5	0.53	0.29	15.5	0.235	1.83	2.8
N815159		99.1	126.0	<0.002	0.07	16.60	11.0	2	2.2	88.1	0.52	0.21	14.8	0.238	1.59	3.3
N815160		300	137.5	<0.002	0.06	15.90	11.5	2	3.5	209	0.57	0.35	15.0	0.244	1.57	3.0
N815161		171.0	150.0	<0.002	0.02	17.65	12.2	2	6.0	87.4	0.61	0.17	14.9	0.249	1.69	5.5
N815162		>10000	151.5	<0.002	0.23	88.7	11.3	2	2.9	47.5	0.55	0.38	14.4	0.232	2.03	5.7
N815163		2630	192.5	<0.002	0.29	110.5	11.5	2	19.2	89.6	0.60	0.37	13.4	0.236	1.86	10.1
N815164		249	135.0	<0.002	0.04	14.35	12.0	2	3.1	63.4	0.65	0.16	14.9	0.257	1.61	4.3
N815165		132.5	137.0	<0.002	0.09	5.40	11.2	2	2.5	298	0.59	0.73	14.3	0.255	1.51	4.2
N815166		4020	176.5	0.004	0.64	68.9	14.5	5	21.7	402	0.80	0.48	7.4	0.461	2.05	3.7
N815167		570	167.0	<0.002	0.12	21.3	10.2	2	3.8	91.1	0.59	0.22	15.2	0.244	2.30	4.5
N815168		58.0	141.5	<0.002	0.08	13.40	11.9	2	2.3	87.7	0.71	0.24	15.7	0.267	1.87	3.6
N815169		29.6	114.5	<0.002	0.02	4.54	6.3	2	1.8	167.5	0.77	<0.05	12.1	0.280	1.55	3.2
N815170		54.8	106.0	<0.002	0.17	3.82	6.3	1	2.0	238	0.76	<0.05	12.1	0.260	1.39	3.0
N815171		36.5	107.0	<0.002	0.03	3.97	6.6	<1	1.5	208	0.75	<0.05	11.7	0.252	1.35	2.9
N815172		37.3	120.0	<0.002	0.03	4.11	6.9	1	1.6	181.5	0.80	<0.05	12.6	0.272	1.49	3.1
N815173		779	157.5	<0.002	0.25	16.45	11.5	2	6.0	136.0	0.54	0.33	12.5	0.232	2.99	4.1
N815174		208	214	<0.002	0.24	17.40	12.4	<1	4.9	70.0	0.46	0.32	12.7	0.209	4.38	3.0
N815175		4.7	1.4	<0.002	0.02	0.18	0.2	<1	0.2	56.7	<0.05	<0.05	<0.2	<0.005	0.05	0.8
N815176		87.8	120.0	<0.002	0.18	5.53	10.3	1	2.4	308	0.63	0.17	13.7	0.266	1.76	3.2
N815177		28.9	107.5	<0.002	0.02	2.84	6.7	2	1.6	270	0.72	<0.05	10.3	0.311	1.32	4.0
N815178		27.4	115.5	<0.002	0.16	4.30	11.6	3	2.4	276	0.66	0.14	12.9	0.304	1.65	3.0
N815179		33.6	111.5	<0.002	0.09	4.62	11.9	1	2.4	313	0.57	0.12	13.1	0.271	1.52	2.6
N815180		172.5	145.0	<0.002	0.08	17.30	11.5	1	2.9	109.0	0.65	0.12	16.0	0.245	2.64	3.8





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**CERTIFICATE OF ANALYSIS WH12174365**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
N815145		75	1.9	27.6	419	29.1	
N815146		72	1.7	18.1	150	26.9	
N815147		71	1.2	21.0	105	25.4	
N815148		69	2.1	20.6	254	24.3	
N815149		72	2.6	22.4	235	23.5	
N815150		70	4.6	17.4	856	26.6	
N815151		74	3.4	16.2	665	27.9	
N815152		70	4.3	18.3	830	25.2	
N815153		74	3.2	18.8	609	25.1	
N815154		77	4.1	12.7	245	28.1	
N815155		77	2.3	15.9	431	26.9	
N815156		72	6.8	13.8	441	23.5	
N815157		73	1.9	13.2	209	26.8	
N815158		74	1.4	12.6	185	25.6	
N815159		73	1.8	14.5	288	24.4	
N815160		73	4.5	15.0	254	25.4	
N815161		74	3.0	23.2	327	24.5	
N815162		69	2.5	15.3	913	23.1	1.305
N815163		71	6.1	18.7	1100	22.1	
N815164		74	3.6	16.8	1060	24.8	
N815165		75	1.5	16.6	350	23.6	
N815166		149	3.8	19.8	2530	68.5	
N815167		71	3.8	14.3	857	34.7	
N815168		78	2.5	16.4	592	32.9	
N815169		48	1.6	14.4	181	83.2	
N815170		46	1.3	14.9	182	55.7	
N815171		46	1.5	14.3	154	58.4	
N815172		49	1.4	15.0	151	72.1	
N815173		69	5.1	15.4	1400	42.5	
N815174		73	8.5	11.6	407	27.2	
N815175		3	0.1	0.9	26	<0.5	
N815176		68	2.6	14.5	217	34.4	
N815177		53	1.1	13.7	83	72.8	
N815178		78	1.5	16.5	65	39.7	
N815179		77	1.0	15.9	101	27.0	
N815180		72	3.9	20.4	296	25.9	



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**CERTIFICATE OF ANALYSIS WH12174365**

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.



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**CERTIFICATE WH12174366**

Project: Klaza TR-12-1

P.O. No.: Batch 3

This report is for 9 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12174366**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815181		4.23	0.599	2.86	7.91	396	1770	1.88	1.02	0.30	10.85	65.8	7.4	10	20.9	108.5
N815182		4.49	0.102	1.99	8.04	121.0	2240	1.84	0.31	0.27	10.45	56.3	8.5	9	25.6	118.0
N815183		0.25	1.390	31.5	7.71	539	1220	1.89	1.20	0.29	30.0	76.5	5.9	18	3.46	131.5
N815184		4.43	0.177	2.80	7.92	177.0	1930	1.81	0.52	0.50	6.32	60.4	9.1	9	14.90	97.2
N815185		4.73	0.043	0.45	7.79	19.3	2100	1.75	0.38	1.05	1.94	54.5	10.1	9	8.44	80.2
N815186		4.12	0.815	25.0	7.11	241	910	2.07	0.47	0.19	15.60	55.1	9.5	8	21.3	182.0
N815187		4.39	0.043	1.22	8.06	49.7	1490	1.94	0.33	0.33	3.98	70.2	9.4	11	21.7	116.5
N815188		4.18	<0.005	0.06	0.09	<5	30	0.05	0.02	20.6	0.10	1.28	1.0	<1	0.54	2.0
N815189		5.98	0.707	1.29	7.92	52.3	2220	1.60	0.79	0.44	2.66	70.9	12.0	10	15.15	323



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**CERTIFICATE OF ANALYSIS WH12174366**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815181		4.20	19.50	0.15	1.1	0.243	2.91	43.0	28.5	0.25	908	1.66	0.34	8.4	4.8	630
N815182		3.95	19.15	0.15	0.9	0.062	3.04	33.7	20.7	0.23	1580	1.63	0.07	8.0	5.4	660
N815183		5.67	23.8	0.21	2.5	0.239	3.43	37.5	25.6	0.28	1020	5.86	0.07	11.8	7.5	1760
N815184		3.91	20.2	0.16	1.0	0.078	3.20	35.9	23.5	0.42	622	1.37	0.57	7.7	4.2	610
N815185		3.28	18.70	0.14	1.0	0.045	2.58	28.5	21.7	0.71	331	0.87	1.56	7.7	3.7	620
N815186		4.69	17.60	0.17	0.9	0.580	2.84	32.7	22.1	0.25	1940	4.53	0.08	6.7	4.0	540
N815187		3.27	19.70	0.17	1.2	0.044	2.65	37.7	26.8	0.22	410	3.19	0.57	8.5	5.2	690
N815188		0.47	0.29	0.05	<0.1	0.006	0.04	0.6	1.1	12.35	213	0.13	0.01	0.3	2.3	160
N815189		3.88	18.00	0.14	1.1	0.109	2.62	40.5	17.9	0.46	332	284	1.16	6.5	4.3	640



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**CERTIFICATE OF ANALYSIS WH12174366**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815181		243	175.0	<0.002	0.04	26.3	13.6	1	7.8	75.5	0.75	0.08	16.9	0.260	2.21	5.4
N815182		70.0	166.0	<0.002	0.08	29.2	13.8	1	2.4	36.5	0.62	0.10	13.5	0.268	2.57	4.7
N815183		3950	171.0	0.004	0.61	67.7	15.7	4	21.4	392	0.84	0.31	7.4	0.450	2.05	3.9
N815184		404	182.5	<0.002	0.04	12.85	13.8	1	4.1	125.5	0.63	0.19	13.7	0.250	2.10	4.4
N815185		21.3	123.0	<0.002	0.06	3.55	12.9	1	2.4	250	0.61	0.14	13.2	0.258	1.33	2.9
N815186		2100	161.5	<0.002	0.21	41.5	12.0	1	4.9	36.2	0.57	0.14	13.4	0.233	2.82	7.3
N815187		129.0	138.5	<0.002	0.02	21.3	13.6	1	2.4	93.1	0.72	0.10	16.0	0.271	1.62	3.7
N815188		6.2	2.4	<0.002	0.01	0.15	0.2	1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N815189		104.5	139.0	0.004	0.26	8.35	11.5	2	2.8	164.5	0.55	0.33	15.2	0.225	1.61	4.3



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**CERTIFICATE OF ANALYSIS WH12174366**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815181		78	4.7	21.0	426	24.0
N815182		78	6.7	21.1	435	20.5
N815183		145	3.9	19.6	2480	61.9
N815184		74	3.3	19.5	373	21.2
N815185		73	2.1	15.9	123	21.2
N815186		65	4.3	16.1	1400	20.9
N815187		75	1.9	16.9	324	27.5
N815188		2	0.1	0.8	21	<0.5
N815189		73	1.8	16.2	129	24.0



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**CERTIFICATE OF ANALYSIS WH12174366**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12174367**

Project: Klaza TR-12-36

P.O. No.: Batch 11

This report is for 25 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12174367**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N815263		4.32	0.029	0.32	7.93	6.3	1190	1.54	0.20	1.58	1.17	53.6	9.4	13	10.50	23.7
N815264		5.28	0.008	0.19	8.05	199.5	1250	1.83	0.19	1.14	0.18	54.4	10.9	11	13.90	10.1
N815265		5.11	<0.005	0.18	8.05	95.3	1450	1.67	1.16	0.86	0.13	57.0	12.7	12	16.20	10.8
N815266		5.00	0.006	0.37	8.07	213	1080	1.75	0.08	0.43	0.25	43.3	10.5	13	22.5	10.7
N815267		5.64	<0.005	0.17	8.24	53.9	1420	1.79	0.41	0.71	0.22	41.8	9.6	14	18.20	29.2
N815268		4.25	<0.005	0.16	8.34	57.7	1220	1.50	0.14	0.87	0.19	54.2	9.1	12	17.60	7.4
N815269		5.09	0.101	1.13	7.21	811	1450	1.73	0.55	0.38	0.48	43.5	11.0	19	19.10	47.3
N815270		4.67	<0.005	0.20	8.12	126.5	1300	1.98	0.21	1.07	0.20	50.4	9.7	29	26.4	14.0
N815271		5.44	0.297	6.85	7.06	1155	1210	1.66	1.53	0.79	2.00	40.9	8.4	12	28.2	119.5
N815272		5.04	0.006	0.19	8.35	49.7	1560	1.70	0.64	1.46	0.25	54.1	13.6	13	22.7	18.8
N815273		4.52	<0.005	0.14	8.17	25.3	1130	1.64	0.11	0.41	0.14	51.3	11.9	11	19.60	20.5
N815274		5.16	<0.005	0.16	7.83	13.2	1240	1.61	0.24	1.34	0.12	42.5	8.8	13	25.2	15.5
N815275		4.51	<0.005	0.22	7.34	15.6	1300	1.57	0.61	0.94	0.11	42.1	9.0	12	13.90	26.2
N815276		4.81	0.079	1.24	7.32	297	1060	1.56	2.17	1.04	2.22	38.9	10.6	12	22.3	18.0
N815277		5.41	0.177	3.06	7.56	495	860	1.33	1.08	0.24	2.25	39.9	8.1	17	16.95	87.3
N815278		4.55	0.014	0.69	7.67	147.0	2690	1.55	0.50	0.45	0.64	41.3	9.0	12	25.9	38.8
N815279		5.07	0.009	0.48	7.98	68.4	1170	1.72	0.42	0.55	0.61	48.4	10.4	16	26.2	38.0
N815280		3.71	<0.005	0.04	0.08	<5	30	<0.05	0.05	20.4	0.07	1.22	0.6	2	0.26	2.0
N815281		5.48	0.043	1.85	7.18	501	1250	1.59	0.61	0.40	1.91	38.9	11.1	13	24.3	45.4
N815282		4.35	0.326	25.2	6.88	768	1050	1.28	1.89	0.38	4.57	39.2	9.4	12	17.10	313
N815283		5.54	0.077	1.56	7.39	677	1770	1.55	0.19	1.42	2.32	34.7	10.1	14	23.7	39.6
N815284		4.23	0.111	1.83	7.89	948	1160	1.52	0.65	1.02	3.18	41.3	11.9	12	15.95	19.5
N815285		5.38	0.062	1.01	8.37	788	1040	1.72	0.18	0.36	3.17	45.3	10.8	18	25.4	39.8
N815286		0.24	1.340	37.3	7.99	535	1260	2.05	1.38	0.31	31.5	78.7	6.2	19	3.42	139.5
N815287		4.50	0.008	0.41	8.16	67.2	1210	1.46	0.23	0.79	0.53	50.7	9.5	13	20.8	21.6



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**CERTIFICATE OF ANALYSIS WH12174367**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N815263		3.29	17.90	0.12	0.7	0.048	1.95	26.0	22.2	0.88	744	1.72	1.61	8.4	6.3	570
N815264		3.13	19.15	0.14	0.9	0.030	2.44	29.2	18.9	0.80	1480	2.70	1.98	9.3	6.2	520
N815265		3.59	18.55	0.15	0.8	0.041	2.06	32.0	24.9	0.71	1180	2.38	1.90	8.4	6.1	570
N815266		3.17	19.80	0.16	0.8	0.030	2.77	24.3	23.0	0.35	1140	3.03	0.59	8.7	6.3	570
N815267		3.19	19.90	0.15	0.8	0.030	2.40	22.3	39.7	0.35	912	2.37	0.26	9.1	5.5	580
N815268		3.06	19.80	0.15	0.8	0.032	2.27	29.7	22.2	0.40	957	2.27	1.03	8.9	5.6	590
N815269		3.25	18.30	0.16	0.8	0.050	2.96	29.0	18.3	0.28	3840	7.33	0.35	7.6	6.5	500
N815270		3.16	19.75	0.16	0.8	0.032	2.58	25.8	13.2	0.35	1020	3.52	1.39	8.0	6.3	570
N815271		3.82	16.80	0.15	0.8	0.097	2.57	26.7	22.6	0.29	3810	9.64	0.39	7.4	5.0	500
N815272		3.93	19.45	0.16	0.9	0.047	2.25	29.2	36.7	0.65	1140	2.01	1.63	8.6	8.2	860
N815273		3.39	19.85	0.14	0.7	0.033	2.15	26.4	37.5	0.25	872	2.07	0.89	8.2	6.7	560
N815274		3.14	16.80	0.11	0.6	0.043	2.42	20.7	36.0	0.33	785	2.63	0.51	7.7	5.2	530
N815275		3.22	16.25	0.11	0.7	0.062	2.65	20.4	46.7	0.24	1280	7.57	0.47	7.6	5.2	520
N815276		3.78	17.80	0.11	0.6	0.121	3.06	20.1	13.3	0.26	4280	36.2	0.14	6.5	6.0	460
N815277		4.18	16.05	0.13	0.7	0.137	3.17	21.3	9.8	0.25	4150	7.23	0.07	7.9	5.7	470
N815278		3.46	17.10	0.09	0.5	0.042	3.04	19.6	21.2	0.31	2380	3.94	0.12	7.0	5.9	510
N815279		3.46	17.60	0.12	0.6	0.050	2.19	22.8	39.0	0.28	1360	2.64	0.32	8.1	6.2	580
N815280		0.47	0.23	0.09	<0.1	0.009	0.03	0.5	1.1	12.75	218	0.14	0.01	0.2	2.1	160
N815281		3.58	14.80	0.11	0.5	0.128	2.65	20.3	29.9	0.27	4850	4.86	0.03	6.9	6.0	490
N815282		5.11	16.15	0.11	0.5	0.296	2.91	19.2	18.1	0.24	4480	7.61	0.07	6.3	5.3	400
N815283		3.44	15.85	0.10	0.6	0.055	3.16	16.8	17.1	0.32	3500	3.28	0.06	6.9	6.8	490
N815284		4.82	16.70	0.10	0.5	0.110	3.09	19.0	21.3	0.27	5310	4.23	0.16	7.5	5.5	610
N815285		3.58	18.35	0.14	0.7	0.040	3.07	22.9	28.9	0.27	3060	4.59	0.27	8.2	7.0	600
N815286		5.94	24.5	0.20	2.4	0.238	3.56	34.9	26.3	0.30	1070	5.44	0.08	12.9	7.7	1800
N815287		3.26	17.40	0.13	0.7	0.030	2.35	26.2	58.1	0.19	1220	2.57	0.42	8.3	5.5	590



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**CERTIFICATE OF ANALYSIS WH12174367**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815263		36.8	88.8	<0.002	0.02	4.79	13.5	1	2.0	273	0.79	<0.05	13.1	0.295	0.71	1.9
N815264		17.4	139.0	<0.002	<0.01	5.24	13.4	1	1.4	266	0.95	<0.05	15.7	0.274	1.33	2.3
N815265		16.3	130.5	<0.002	0.02	4.58	13.7	1	4.6	211	0.80	0.05	14.2	0.292	1.40	2.4
N815266		23.4	159.0	<0.002	0.02	11.70	14.7	1	1.4	114.0	0.85	<0.05	14.2	0.292	2.02	2.7
N815267		16.1	122.0	<0.002	0.03	9.50	13.9	1	1.7	97.3	0.90	<0.05	13.7	0.306	1.34	2.2
N815268		20.2	115.0	<0.002	0.03	6.87	14.1	1	1.4	183.0	0.79	<0.05	15.9	0.301	1.17	2.4
N815269		146.0	199.0	<0.002	0.08	20.1	14.4	1	1.4	86.6	0.72	<0.05	12.4	0.261	2.35	2.7
N815270		19.9	145.0	<0.002	0.02	6.70	15.2	1	1.4	221	0.75	<0.05	12.9	0.294	1.53	2.3
N815271		1110	163.0	<0.002	0.10	37.4	13.3	1	1.3	112.0	0.71	<0.05	12.3	0.255	1.73	2.5
N815272		26.0	121.0	<0.002	0.01	6.50	16.8	1	1.7	308	0.72	<0.05	11.7	0.372	1.29	2.3
N815273		23.7	121.0	<0.002	0.01	13.75	14.4	1	1.5	138.5	0.76	<0.05	13.7	0.292	1.19	2.3
N815274		16.4	115.5	<0.002	0.04	10.45	11.3	1	1.2	117.5	0.61	<0.05	11.6	0.286	1.56	1.6
N815275		15.0	143.0	<0.002	0.10	13.90	11.5	1	1.3	108.0	0.61	<0.05	10.8	0.291	2.11	1.9
N815276		141.5	153.5	0.002	0.48	66.2	10.4	1	1.4	95.7	0.53	0.07	9.6	0.252	2.26	2.3
N815277		88.4	175.5	0.002	0.17	140.5	12.4	1	1.8	46.5	0.61	<0.05	11.5	0.295	2.62	2.2
N815278		16.5	199.0	0.003	0.11	23.2	11.7	1	1.5	66.9	0.52	<0.05	10.2	0.267	2.66	2.0
N815279		35.0	126.5	<0.002	0.06	18.10	13.4	1	1.7	92.2	0.60	<0.05	11.2	0.320	1.83	2.2
N815280		1.5	1.5	<0.002	0.02	0.19	0.2	1	0.2	43.1	<0.05	<0.05	0.2	<0.005	0.03	0.6
N815281		121.5	169.0	0.002	0.21	35.1	11.6	1	1.8	59.7	0.51	<0.05	9.6	0.276	2.92	2.1
N815282		518	160.0	<0.002	0.27	168.5	11.4	<1	2.0	69.2	0.45	<0.05	8.8	0.242	2.44	2.9
N815283		73.0	157.5	<0.002	0.10	38.2	10.9	1	1.3	71.3	0.54	<0.05	9.9	0.269	2.30	2.0
N815284		125.5	158.0	<0.002	0.56	58.5	12.5	1	1.6	89.5	0.57	<0.05	10.3	0.306	2.36	2.4
N815285		72.5	172.5	<0.002	0.06	29.7	13.6	1	1.5	78.1	0.65	<0.05	12.3	0.312	3.04	2.4
N815286		3990	177.0	0.008	0.62	66.9	16.1	4	20.6	404	0.77	0.27	7.5	0.462	2.21	3.6
N815287		25.0	122.0	<0.002	0.02	17.00	12.3	<1	1.5	102.5	0.64	<0.05	13.2	0.303	1.73	2.1



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Project: Klaza TR-12-36

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### Plus Appendix Pages

**Finalized Date: 12-AUG-2012**

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# CERTIFICATE OF ANALYSIS WH12174367

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
N815263		96	5.7	13.3	135	13.3
N815264		86	1.7	15.9	67	16.2
N815265		93	3.4	18.7	66	15.6
N815266		97	3.5	21.0	71	15.2
N815267		96	4.8	18.1	64	15.1
N815268		97	1.5	17.1	62	16.2
N815269		93	1.7	26.9	74	16.1
N815270		105	1.6	16.5	62	15.5
N815271		86	1.9	24.0	197	13.8
N815272		135	1.8	19.2	80	19.3
N815273		95	3.0	17.1	66	13.9
N815274		94	2.2	13.4	72	13.0
N815275		96	1.9	13.2	81	13.7
N815276		111	3.1	15.7	238	14.4
N815277		91	2.9	16.9	235	14.3
N815278		97	2.1	13.9	92	11.6
N815279		101	2.7	15.1	112	11.5
N815280		2	0.1	0.8	15	<0.5
N815281		90	2.7	14.7	252	11.1
N815282		91	1.6	13.1	489	10.1
N815283		92	1.6	11.5	192	10.9
N815284		97	1.9	11.7	262	10.7
N815285		99	3.8	16.1	215	14.3
N815286		145	4.1	20.1	2500	68.7
N815287		95	1.7	14.0	75	14.9

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



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**CERTIFICATE OF ANALYSIS WH12174367**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12174368**

Project: Klaza TR-12-36

P.O. No.: Batch 10

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 11-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174368**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815227		1.81	0.008	0.48	7.89	105.5	2090	1.87	0.90	0.69	3.19	57.4	11.6	10	22.7	36.2
N815228		1.26	<0.005	0.28	8.29	63.5	2140	1.91	0.62	0.56	2.96	48.9	10.2	10	23.8	22.2
N815229		1.48	0.050	1.12	7.93	251	1750	1.69	0.62	0.58	3.84	53.3	10.0	11	22.4	20.9
N815230		1.87	0.022	0.74	7.31	238	3740	1.98	0.65	0.29	4.77	57.7	11.2	9	22.8	25.0
N815231		1.99	<0.005	0.29	8.05	39.8	1430	1.70	0.72	0.84	1.73	49.0	11.5	13	14.90	18.2
N815232		1.73	0.011	0.42	8.32	54.2	1590	1.91	0.71	1.02	2.64	66.1	13.6	14	20.1	32.1
N815233		4.77	0.007	0.33	8.10	52.9	1850	1.77	0.83	1.33	1.85	55.8	10.9	14	14.00	38.3
N815234		5.62	0.078	1.46	7.74	148.0	1220	1.78	1.37	0.22	3.76	47.4	9.3	11	22.3	36.8
N815235		4.70	<0.005	0.27	8.26	36.7	2000	1.59	0.68	1.54	1.28	49.9	10.8	13	9.85	52.9
N815236		0.48	1.315	34.7	8.00	562	1260	2.10	1.29	0.29	32.3	73.4	6.4	19	3.57	136.5
N815237		5.75	<0.005	0.33	7.82	23.6	2020	1.62	0.55	0.62	1.24	48.3	9.0	11	18.35	20.9
N815238		5.41	0.012	0.75	7.75	63.2	2160	1.72	0.76	0.40	1.98	49.3	8.5	10	22.4	16.8
N815239		5.47	0.025	1.21	7.92	238	1530	1.78	0.61	0.35	3.48	52.6	8.6	9	24.1	28.3
N815240		4.04	0.012	1.20	8.26	96.9	1690	1.65	0.56	0.98	2.19	46.2	10.5	11	21.3	43.3
N815241		4.51	0.006	0.33	8.47	78.1	1480	1.90	1.15	0.52	4.90	41.4	9.3	10	25.2	7.7
N815242		4.67	0.009	0.33	7.93	161.5	1840	1.99	0.63	0.86	6.12	48.3	8.6	10	19.30	8.8
N815243		7.96	0.015	0.49	8.12	502	2460	1.70	0.82	0.47	6.66	45.1	7.1	10	25.8	23.8
N815244		7.14	0.340	3.30	7.53	2860	1160	1.59	2.14	0.40	14.15	43.6	11.2	11	24.1	35.0
N815245		6.67	0.005	0.22	7.46	114.5	4030	1.73	0.56	2.02	0.50	41.2	8.7	10	23.8	12.1
N815246		5.50	0.036	0.34	7.36	266	2130	1.86	0.83	1.85	0.78	36.3	9.7	12	23.9	13.0
N815247		5.46	0.020	0.42	6.73	187.5	700	2.12	1.33	3.11	1.28	30.5	9.6	12	50.8	20.9
N815248		5.22	0.018	1.12	7.69	145.0	2620	1.56	1.76	2.63	3.48	39.8	11.1	12	40.1	28.7
N815249		1.95	<0.005	0.05	0.11	<5	30	0.07	0.04	21.0	0.09	1.30	0.8	<1	0.52	2.3
N815250		6.02	<0.005	0.17	7.63	12.4	1490	1.31	0.31	1.42	1.32	42.7	9.7	13	15.20	19.2
N815251		6.58	<0.005	0.21	7.97	4.5	1230	1.41	0.41	1.38	0.67	50.5	9.1	13	8.00	26.4
N815252		4.78	<0.005	0.76	7.92	5.4	1150	1.43	0.89	1.51	1.06	40.1	9.2	12	9.28	46.9
N815253		6.01	0.089	10.65	6.39	802	940	1.61	0.16	0.52	25.2	38.4	9.0	12	20.0	58.8
N815254		5.60	0.076	6.55	6.66	384	910	1.54	0.25	0.34	14.65	43.0	8.7	11	25.9	80.3
N815255		5.20	0.170	13.20	7.00	510	490	1.38	0.89	0.29	14.65	48.3	7.1	11	31.5	133.5
N815256		5.09	0.006	0.41	8.59	27.2	1160	1.59	0.14	0.70	3.78	49.4	8.6	15	12.70	26.7
N815257		4.42	0.200	27.0	6.56	449	490	1.38	0.18	0.85	22.7	41.6	8.0	12	22.0	120.5
N815258		6.63	<0.005	0.48	7.68	7.1	1110	1.31	0.07	1.79	4.68	43.1	9.1	13	8.23	7.6
N815259		6.08	<0.005	0.26	7.87	19.3	1150	1.44	0.19	1.66	8.94	48.7	9.6	11	15.90	13.2
N815260		5.25	<0.005	0.15	7.92	25.3	870	1.66	0.08	0.82	10.85	58.7	9.6	12	25.4	17.4
N815261		5.30	<0.005	0.08	7.99	7.5	1180	1.31	0.07	1.83	2.64	45.3	9.4	10	5.91	7.6
N815262		5.06	<0.005	0.11	8.23	9.2	1150	1.48	0.20	1.61	1.87	49.5	10.3	15	9.58	13.5





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Plus Appendix Pages  
Finalized Date: 11-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174368**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815227		3.20	17.55	0.15	1.5	0.091	2.94	31.2	19.5	0.44	2420	12.30	1.36	7.6	4.0	660
N815228		3.81	18.55	0.15	1.6	0.053	2.76	24.4	41.2	0.24	750	10.40	1.02	8.2	4.5	720
N815229		3.55	19.10	0.16	1.6	0.076	2.76	24.4	43.8	0.20	1370	14.45	1.18	8.3	4.3	680
N815230		3.78	17.10	0.18	1.6	0.072	2.84	31.0	33.2	0.28	1960	18.55	0.39	7.6	4.3	650
N815231		3.04	18.65	0.14	1.7	0.037	2.34	24.2	18.5	0.50	714	5.51	1.69	8.5	5.2	690
N815232		3.69	18.90	0.15	1.7	0.074	2.60	33.3	18.1	0.51	1740	11.15	1.49	8.6	6.7	720
N815233		3.55	17.60	0.14	1.7	0.046	2.44	29.5	17.8	0.64	782	5.64	1.83	8.4	5.2	730
N815234		3.30	18.20	0.14	1.8	0.082	3.22	22.1	24.0	0.25	1560	15.45	0.28	8.3	3.7	530
N815235		3.31	17.95	0.14	1.6	0.034	2.50	23.3	12.8	0.67	672	4.33	2.02	8.3	4.3	700
N815236		5.76	24.6	0.22	2.7	0.217	3.49	33.6	24.8	0.28	1060	6.09	0.08	12.8	7.5	1860
N815237		3.18	17.65	0.13	1.9	0.042	2.61	23.3	38.3	0.25	805	9.03	0.95	8.5	3.7	670
N815238		3.31	17.95	0.14	1.9	0.057	3.10	24.9	44.8	0.25	1950	12.40	0.67	8.6	4.0	630
N815239		3.23	18.20	0.17	2.2	0.060	3.26	27.5	49.0	0.25	1700	10.80	0.37	9.0	3.7	610
N815240		3.17	18.80	0.15	1.7	0.043	2.85	23.2	50.6	0.30	652	5.72	1.23	8.4	3.9	680
N815241		3.23	18.75	0.15	1.8	0.107	1.68	16.3	25.8	0.50	939	2.55	2.52	9.3	4.0	720
N815242		2.94	17.95	0.12	1.7	0.093	2.10	23.1	15.4	0.47	916	2.94	2.09	8.3	3.7	650
N815243		2.83	18.15	0.14	1.6	0.050	2.33	22.3	30.8	0.29	700	2.48	1.10	8.8	3.2	680
N815244		4.10	17.85	0.15	1.6	0.260	2.86	21.5	17.0	0.30	1420	4.97	0.50	8.4	3.4	650
N815245		3.03	16.90	0.13	1.4	0.045	2.42	19.1	15.7	0.50	962	2.42	1.63	8.2	2.6	680
N815246		3.22	18.80	0.14	1.6	0.062	2.51	16.5	18.7	0.49	919	2.29	1.71	9.2	3.3	730
N815247		2.62	17.75	0.13	1.2	0.053	2.25	13.7	23.0	0.41	990	4.41	0.96	8.9	4.0	570
N815248		3.50	17.95	0.14	0.9	0.090	2.13	18.3	22.2	0.94	986	3.57	1.53	8.3	4.9	590
N815249		0.51	0.27	0.08	<0.1	<0.005	0.04	0.6	1.2	12.55	220	0.22	0.01	0.2	1.9	180
N815250		3.31	17.00	0.15	0.7	0.030	2.06	20.3	19.5	1.10	901	1.08	1.61	8.1	4.7	560
N815251		3.28	15.10	0.15	0.6	0.042	2.20	26.6	15.0	1.17	877	5.00	1.88	7.9	5.9	540
N815252		3.37	15.45	0.16	0.6	0.105	1.97	23.2	15.4	1.18	1020	2.92	1.82	7.8	5.0	580
N815253		4.31	14.15	0.16	0.5	0.085	2.50	30.9	20.5	0.26	10050	69.0	0.03	6.4	5.4	450
N815254		3.41	13.65	0.15	0.5	0.109	2.38	26.6	23.1	0.32	4850	13.65	0.14	6.4	4.8	470
N815255		3.59	15.05	0.17	0.6	0.156	2.55	27.5	23.9	0.32	1390	4.17	0.08	7.4	3.7	500
N815256		3.31	17.30	0.16	0.7	0.035	2.29	24.3	31.8	0.51	696	1.71	0.95	9.0	5.0	620
N815257		3.93	14.40	0.17	0.5	0.223	2.19	23.0	26.9	0.23	2950	5.68	0.03	7.0	3.7	460
N815258		3.21	14.95	0.15	0.6	0.035	2.00	21.6	18.4	1.08	814	0.58	1.87	7.7	4.8	550
N815259		3.20	15.20	0.17	0.7	0.038	2.20	26.7	17.0	0.96	1280	1.65	1.92	7.9	5.5	540
N815260		3.06	17.25	0.15	0.7	0.039	2.30	29.0	14.7	0.92	1160	1.45	1.53	8.3	6.2	560
N815261		3.25	15.70	0.14	0.6	0.032	2.10	22.5	17.3	1.09	768	0.66	2.09	8.1	4.8	550
N815262		3.52	15.75	0.14	0.7	0.051	2.07	25.7	17.8	1.11	961	1.63	1.86	8.1	6.0	610



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Finalized Date: 11-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174368**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815227		80.9	161.0	<0.002	<0.01	9.18	13.5	1	2.7	195.5	0.62	<0.05	15.1	0.263	2.49	2.1
N815228		32.9	118.0	<0.002	0.02	5.35	14.0	1	2.0	173.5	0.62	<0.05	15.7	0.278	1.42	2.4
N815229		216	133.5	<0.002	0.01	7.69	13.6	1	1.8	160.5	0.59	<0.05	14.4	0.281	1.46	2.5
N815230		281	160.5	<0.002	0.08	9.11	13.4	1	2.3	81.3	0.57	<0.05	14.6	0.258	2.06	2.8
N815231		33.1	123.0	<0.002	0.01	3.81	12.8	<1	3.1	203	0.62	<0.05	13.4	0.290	1.55	2.0
N815232		62.1	148.5	<0.002	0.02	6.86	14.2	1	3.8	225	0.64	<0.05	15.4	0.303	2.17	2.6
N815233		35.2	113.5	<0.002	0.05	3.90	13.8	<1	3.7	293	0.63	<0.05	14.7	0.303	1.65	2.8
N815234		172.5	195.5	<0.002	0.05	12.00	13.4	1	3.5	60.2	0.65	0.31	13.5	0.276	2.86	2.8
N815235		46.0	107.5	<0.002	0.04	2.90	12.1	1	3.2	332	0.69	0.07	13.4	0.296	1.38	2.3
N815236		4010	166.0	0.006	0.64	69.5	15.6	5	21.8	407	0.80	0.27	7.4	0.460	2.27	3.6
N815237		25.7	133.0	<0.002	0.03	9.71	12.4	1	2.8	171.5	0.69	<0.05	16.0	0.270	1.62	2.7
N815238		75.5	173.5	<0.002	0.06	8.77	12.5	<1	2.8	112.0	0.69	<0.05	14.5	0.263	2.37	3.0
N815239		179.5	178.0	<0.002	0.05	15.35	11.5	1	3.2	88.2	0.97	<0.05	18.3	0.262	2.93	3.4
N815240		44.8	141.5	<0.002	0.04	14.05	12.4	1	4.5	197.0	0.68	<0.05	13.7	0.292	2.23	2.4
N815241		33.1	90.6	<0.002	0.02	5.17	13.1	1	7.6	175.5	0.71	<0.05	13.5	0.308	1.53	2.3
N815242		29.9	104.5	<0.002	0.03	4.40	12.3	1	3.8	227	0.67	<0.05	14.4	0.271	1.44	2.1
N815243		25.7	114.0	<0.002	0.04	9.03	13.0	1	3.8	123.0	0.67	<0.05	14.0	0.294	1.71	2.1
N815244		669	151.5	<0.002	0.09	18.45	12.5	1	2.8	78.0	0.62	<0.05	14.8	0.268	2.28	3.4
N815245		22.9	103.0	<0.002	0.09	4.65	11.5	1	1.8	254	0.66	<0.05	11.3	0.285	1.54	2.5
N815246		43.3	93.7	<0.002	0.04	5.83	12.3	<1	2.0	239	0.73	<0.05	10.2	0.299	1.61	2.3
N815247		49.1	92.3	<0.002	0.02	7.79	9.1	1	2.1	210	0.67	<0.05	8.4	0.266	1.81	2.6
N815248		125.5	86.8	<0.002	0.10	4.59	11.9	2	2.1	300	0.65	<0.05	10.6	0.281	1.40	2.0
N815249		2.4	1.8	<0.002	0.02	0.14	0.2	<1	<0.2	47.5	<0.05	<0.05	0.2	<0.005	0.03	0.7
N815250		20.7	82.6	<0.002	0.02	2.41	12.2	2	1.7	269	0.69	<0.05	12.3	0.280	0.99	1.5
N815251		21.4	86.9	<0.002	0.01	1.49	11.5	<1	1.4	294	0.69	<0.05	13.3	0.289	0.85	1.6
N815252		51.5	76.2	<0.002	0.03	1.48	12.0	1	1.6	306	0.63	<0.05	11.8	0.295	0.77	1.4
N815253		2790	142.0	0.002	0.28	52.9	11.1	1	1.6	52.0	0.53	<0.05	10.7	0.232	3.04	3.4
N815254		1765	138.5	<0.002	0.14	51.5	10.9	1	1.9	68.9	0.56	<0.05	12.0	0.241	2.58	3.1
N815255		4370	148.5	<0.002	0.83	46.9	11.3	1	3.4	48.8	0.61	<0.05	12.6	0.272	1.78	3.1
N815256		38.4	101.0	<0.002	0.02	7.82	12.2	1	1.5	164.0	0.74	<0.05	13.6	0.315	0.89	1.9
N815257		8590	135.5	<0.002	0.91	74.0	11.1	<1	2.6	49.7	0.56	<0.05	9.8	0.233	2.14	3.1
N815258		33.0	72.6	<0.002	0.01	2.04	11.0	1	1.2	333	0.59	<0.05	10.8	0.285	0.66	1.3
N815259		40.7	89.4	0.002	0.01	2.61	11.8	<1	1.4	305	0.68	<0.05	13.6	0.287	0.76	1.9
N815260		18.1	137.0	<0.002	<0.01	3.33	13.4	<1	1.3	176.5	0.64	<0.05	14.1	0.292	1.07	1.6
N815261		16.7	71.5	<0.002	<0.01	1.34	11.2	<1	1.3	339	0.70	<0.05	12.0	0.293	0.61	1.4
N815262		25.8	84.4	<0.002	0.01	3.12	13.3	1	1.4	304	0.64	<0.05	13.4	0.320	0.81	1.8



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 Plus Appendix Pages  
 Finalized Date: 11-AUG-2012  
 Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174368**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815227		83	8.2	19.4	244	42.8
N815228		90	4.1	19.0	203	51.8
N815229		89	3.9	16.0	214	54.1
N815230		81	4.3	18.1	425	60.7
N815231		88	3.3	13.3	153	50.6
N815232		91	4.3	17.8	193	53.3
N815233		91	3.9	19.6	156	47.8
N815234		87	5.3	14.1	409	54.4
N815235		89	1.7	13.0	157	45.7
N815236		151	4.0	19.2	2560	69.9
N815237		79	4.3	16.1	110	58.9
N815238		80	2.8	16.6	224	58.4
N815239		76	4.1	18.2	333	59.8
N815240		87	9.3	15.9	198	47.2
N815241		89	4.7	13.3	668	55.2
N815242		83	3.6	14.8	569	46.8
N815243		84	4.7	16.3	523	51.1
N815244		82	2.3	16.8	1290	47.3
N815245		88	2.6	16.1	77	38.6
N815246		93	2.6	15.6	94	44.9
N815247		81	2.3	10.6	147	37.3
N815248		92	3.9	13.5	384	20.4
N815249		3	0.1	0.9	18	0.5
N815250		93	3.2	17.0	70	12.9
N815251		93	3.0	12.3	84	12.8
N815252		97	2.5	15.2	170	12.3
N815253		85	14.6	28.0	1610	11.5
N815254		82	5.2	25.9	1310	11.3
N815255		86	4.6	12.2	1620	12.5
N815256		101	3.7	14.3	617	15.8
N815257		80	5.0	15.7	2160	10.9
N815258		90	2.3	13.1	489	11.9
N815259		93	3.0	17.6	496	17.2
N815260		94	2.0	14.2	1070	15.1
N815261		93	1.9	9.9	244	13.7
N815262		104	3.0	13.2	184	14.4



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**CERTIFICATE OF ANALYSIS WH12174368**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12174369**

Project: Klaza TR-12-36

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 10-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174369**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897909		Not Recvd														
M897910		4.31	<0.005	0.18	9.12	10.1	1290	1.60	1.12	0.68	0.61	26.1	15.2	6	8.68	147.0
M897911		5.44	<0.005	0.13	8.80	6.8	1280	1.64	0.29	0.48	0.55	29.2	11.1	11	13.60	75.6
M897912		4.57	<0.005	0.14	8.19	8.9	1170	1.58	0.19	0.47	0.61	43.9	10.3	7	16.05	81.1
M897913		3.82	<0.005	0.16	7.70	8.8	1060	1.41	0.22	0.69	0.28	46.4	8.4	10	9.98	42.4
M897914		4.43	<0.005	0.12	8.18	11.5	1000	1.54	0.17	0.45	0.70	55.9	9.9	10	11.60	59.6
M897915		3.14	<0.005	0.14	8.10	3.8	1130	1.63	0.11	1.59	0.22	46.8	8.4	11	5.39	30.9
M897916		4.18	<0.005	0.08	8.11	4.3	1080	1.67	0.18	1.42	0.17	45.6	9.8	19	9.73	11.4
M897917		3.48	<0.005	0.09	7.79	6.1	1260	1.54	0.25	0.77	0.34	55.4	10.5	10	11.60	18.0
M897918		3.75	<0.005	0.13	8.14	4.7	1240	1.65	0.29	1.43	0.22	47.7	8.1	11	7.04	48.2
M897919		3.94	<0.005	0.21	7.66	6.8	1050	1.42	0.17	0.78	0.25	47.4	8.4	10	10.35	78.5
M897920		3.35	<0.005	0.23	8.32	4.6	1240	1.62	0.13	1.99	0.30	49.4	11.5	14	6.63	48.7
M897921		2.06	<0.005	0.21	8.19	16.0	1100	1.35	0.29	1.74	0.46	48.0	12.7	19	8.02	27.7
M897922		3.47	<0.005	0.20	8.29	8.3	1220	1.67	0.17	1.69	0.28	50.8	10.2	12	6.77	19.6
M897923		4.05	0.006	0.25	8.81	34.6	1260	1.55	0.50	0.79	0.73	49.1	11.1	13	14.40	24.0
M897924		2.96	<0.005	0.27	8.95	18.5	1380	1.64	1.50	0.68	0.94	53.4	11.7	12	16.00	17.4
M897925		2.70	<0.005	0.20	8.32	30.5	770	1.52	0.39	0.31	0.72	44.7	9.8	13	16.30	19.7
M897926		2.92	<0.005	0.19	8.23	12.1	850	1.57	0.46	0.35	0.78	44.8	8.7	16	14.35	22.8
M897927		3.47	<0.005	0.32	7.79	19.6	690	1.45	1.54	0.38	0.89	44.7	13.0	34	16.00	101.5
M897928		4.00	0.005	5.11	7.85	130.0	600	1.40	7.73	0.21	0.54	53.7	14.7	12	24.5	475
M897929		2.87	<0.005	3.01	7.97	76.6	900	1.46	3.60	0.56	0.63	53.7	13.4	15	16.30	332
M897930		3.65	0.005	2.95	7.77	43.5	900	1.55	0.56	0.55	0.71	51.7	11.5	13	11.75	97.1
M897931		3.42	<0.005	0.44	8.10	11.2	940	1.40	0.24	0.57	0.39	48.2	10.2	14	11.70	50.8
M897932		3.29	0.009	1.41	8.33	36.4	990	1.31	15.95	1.19	0.42	47.3	9.9	17	9.04	194.0
M897933		2.55	<0.005	0.32	8.03	32.5	900	1.48	0.95	1.15	0.58	50.2	13.4	22	8.74	54.7
M897934		0.23	1.365	34.4	7.85	503	1190	1.76	1.04	0.29	32.0	85.3	5.9	18	3.55	135.0
M897935		2.80	0.006	0.31	7.96	18.5	1160	1.37	0.31	1.09	0.93	51.5	19.0	16	12.25	33.7
M897936		3.12	0.010	0.14	8.32	19.6	910	1.39	0.14	0.64	0.99	58.4	20.1	17	14.95	23.3
M897937		2.40	<0.005	0.26	9.00	8.0	1250	1.64	1.56	1.42	1.66	70.9	15.1	16	21.6	19.5
M897938		2.55	0.005	0.18	7.75	31.4	1060	1.32	0.17	1.39	1.37	54.1	11.3	15	11.25	16.9
M897939		3.60	0.258	2.42	7.10	440	1040	1.45	0.48	0.30	5.46	49.3	10.0	11	15.65	46.4
M897940		2.60	0.092	1.68	6.22	305	660	1.19	0.20	0.30	3.41	52.5	6.5	12	11.10	34.4
M897941		3.52	0.040	0.68	6.41	162.0	600	1.35	0.54	0.14	1.94	59.0	6.4	6	18.20	22.1
M897942		3.50	<0.005	0.02	0.09	<5	20	0.07	0.01	19.50	0.07	1.37	0.6	1	0.68	1.6
M897943		3.01	0.075	0.57	7.94	606	630	1.44	0.44	0.21	1.67	52.9	7.4	14	25.2	41.0
M897944		3.56	0.010	0.42	6.90	359	510	1.32	0.33	0.19	1.87	61.5	4.8	8	19.05	73.4



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Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174369**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897909																
M897910		4.24	17.95	0.14	0.4	0.032	2.10	13.9	16.7	0.62	834	1.42	0.94	6.0	6.9	1280
M897911		3.46	17.70	0.14	0.6	0.036	1.81	13.7	20.6	0.46	726	1.45	0.46	6.7	10.3	1010
M897912		3.08	15.85	0.16	0.9	0.030	2.22	23.7	19.0	0.46	787	1.39	0.79	7.9	4.8	720
M897913		2.52	14.15	0.13	0.9	0.022	2.42	22.3	12.8	0.39	472	0.83	1.39	7.8	4.8	510
M897914		3.01	16.90	0.16	0.8	0.025	2.23	27.2	18.4	0.34	1100	2.11	0.55	9.1	5.1	600
M897915		3.12	16.55	0.15	0.7	0.028	1.93	22.9	15.1	0.56	551	0.73	1.76	9.0	5.2	590
M897916		3.29	16.30	0.16	1.0	0.034	1.92	26.2	14.1	0.75	687	0.77	1.64	9.9	5.6	570
M897917		3.52	16.20	0.17	0.9	0.036	2.22	25.6	14.0	0.63	920	1.54	1.17	8.8	5.5	570
M897918		3.16	15.35	0.16	0.7	0.037	2.01	24.2	14.3	0.58	700	0.72	1.83	8.2	4.9	590
M897919		2.84	14.85	0.16	1.1	0.027	2.22	24.7	13.5	0.52	600	0.86	1.13	9.4	4.2	500
M897920		3.46	16.60	0.18	0.7	0.028	1.94	25.0	16.5	0.73	795	1.10	2.08	8.5	5.9	600
M897921		3.71	16.05	0.15	1.0	0.036	1.86	21.5	16.5	0.80	1020	1.27	1.52	7.8	8.3	670
M897922		3.14	16.50	0.17	0.8	0.033	2.01	22.6	14.7	0.57	709	0.83	1.92	8.4	5.7	640
M897923		3.22	17.30	0.14	0.8	0.046	2.38	27.5	24.8	0.35	1740	3.22	1.17	8.9	5.1	680
M897924		3.10	17.65	0.17	0.8	0.046	2.40	31.1	25.5	0.38	1450	3.28	0.93	9.5	4.9	750
M897925		2.77	15.95	0.14	0.8	0.035	2.68	25.7	35.5	0.31	955	3.00	0.46	8.6	4.8	640
M897926		2.84	16.55	0.17	0.8	0.034	2.67	25.2	20.2	0.31	789	3.17	0.45	8.5	6.9	650
M897927		3.17	16.55	0.15	0.7	0.038	2.27	26.5	25.6	0.30	1160	4.31	0.40	9.0	12.1	720
M897928		3.81	16.25	0.20	0.7	0.129	2.41	36.6	33.7	0.22	408	3.88	0.08	8.0	4.0	470
M897929		3.82	16.10	0.16	0.7	0.081	2.20	29.1	34.5	0.28	728	3.98	0.58	8.2	6.2	560
M897930		3.20	16.45	0.16	0.8	0.034	2.32	30.1	35.2	0.29	1200	6.89	0.69	8.6	6.5	600
M897931		3.52	15.30	0.15	0.8	0.027	1.95	26.1	18.3	0.44	753	1.74	1.07	8.3	5.7	640
M897932		5.41	16.30	0.17	1.0	0.147	2.06	27.0	23.5	0.61	811	2.98	1.21	7.9	7.2	640
M897933		3.83	16.05	0.16	1.2	0.050	2.11	27.5	26.9	0.64	948	2.38	1.15	7.8	8.9	630
M897934		5.79	23.1	0.15	2.6	0.270	3.42	40.0	24.5	0.28	1040	5.64	0.07	13.2	7.7	1780
M897935		4.53	16.90	0.08	0.9	0.041	1.72	27.1	19.8	0.55	1050	2.23	1.30	8.6	7.3	630
M897936		4.71	18.70	0.09	0.7	0.044	1.62	28.5	25.3	0.46	937	2.98	0.77	9.9	6.9	670
M897937		4.15	20.1	0.08	0.7	0.067	1.90	38.6	20.0	0.47	1470	3.20	1.97	10.1	18.4	680
M897938		2.94	16.65	0.07	0.7	0.009	1.73	23.7	14.4	0.58	1020	1.75	1.83	8.8	6.6	650
M897939		3.01	14.55	0.10	0.6	0.118	2.61	36.5	19.1	0.29	3440	6.88	0.20	7.5	4.6	550
M897940		1.98	13.05	0.10	1.3	0.071	2.34	33.8	20.3	0.24	1960	4.01	0.19	8.1	3.8	350
M897941		1.58	13.20	0.08	1.6	0.036	2.64	34.2	11.4	0.26	1340	3.29	0.04	8.6	3.3	260
M897942		0.46	0.31	<0.05	<0.1	<0.005	0.04	1.2	1.3	12.40	209	0.17	<0.01	0.3	1.9	170
M897943		2.49	16.30	0.09	0.9	0.091	2.71	29.0	18.3	0.29	637	2.52	0.04	9.1	3.5	450
M897944		2.20	13.10	0.09	1.5	0.038	2.67	38.2	18.5	0.27	760	6.11	0.03	9.1	2.9	290



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Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174369**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897909																
M897910		12.8	86.3	<0.002	<0.01	13.00	9.2	1	1.2	200	0.38	0.07	5.4	0.287	0.93	1.6
M897911		12.8	76.6	0.003	0.01	14.15	9.1	<1	1.1	124.5	0.51	0.05	8.0	0.276	0.88	1.9
M897912		13.4	103.0	<0.002	0.01	9.05	8.7	1	1.1	150.5	0.80	<0.05	13.6	0.240	0.98	2.5
M897913		14.2	107.5	<0.002	<0.01	6.39	8.6	1	1.0	199.0	0.75	<0.05	15.5	0.235	0.96	1.9
M897914		15.6	103.0	0.003	<0.01	16.10	12.0	1	1.6	124.5	0.73	<0.05	15.1	0.286	1.12	2.1
M897915		11.3	74.7	<0.002	<0.01	3.26	11.5	<1	1.7	311	0.67	<0.05	13.0	0.295	0.74	1.6
M897916		12.3	90.0	<0.002	<0.01	2.46	13.3	1	1.5	289	0.91	<0.05	15.0	0.298	0.91	1.5
M897917		13.6	99.3	<0.002	<0.01	4.43	10.9	1	1.2	220	0.78	<0.05	15.1	0.262	0.97	2.0
M897918		12.2	76.5	<0.002	<0.01	3.47	10.8	1	1.2	303	0.72	<0.05	15.1	0.278	0.85	1.5
M897919		13.6	92.6	<0.002	<0.01	6.91	9.1	<1	0.9	194.0	0.84	<0.05	17.1	0.237	0.95	1.9
M897920		11.4	78.2	<0.002	<0.01	3.05	11.6	1	1.4	384	0.68	<0.05	12.9	0.299	0.83	1.2
M897921		21.2	85.0	<0.002	0.01	11.55	12.5	1	1.3	324	0.59	<0.05	10.4	0.321	1.01	1.7
M897922		16.1	80.2	<0.002	0.01	4.39	11.6	<1	1.5	350	0.70	<0.05	12.5	0.309	0.87	1.5
M897923		30.7	113.0	0.002	0.01	14.00	12.1	1	1.5	222	0.79	0.07	14.4	0.316	1.70	2.0
M897924		44.4	109.5	0.002	0.01	19.50	13.2	1	1.4	175.5	0.83	0.10	14.8	0.341	1.58	2.1
M897925		19.8	138.0	<0.002	<0.01	26.4	12.5	1	1.4	90.0	0.74	<0.05	14.2	0.299	1.83	2.0
M897926		12.1	139.0	<0.002	<0.01	28.4	12.5	1	1.3	83.5	0.73	<0.05	14.0	0.306	1.72	2.1
M897927		16.6	120.5	<0.002	<0.01	46.0	11.4	1	1.5	80.3	0.73	0.05	10.4	0.327	1.53	2.4
M897928		125.5	125.5	<0.002	0.03	203	11.0	1	1.3	73.5	0.70	0.23	14.1	0.279	1.79	3.0
M897929		56.8	104.5	<0.002	0.02	103.5	11.3	1	1.5	133.5	0.67	0.09	14.1	0.288	1.37	2.6
M897930		29.3	107.5	<0.002	<0.01	80.7	11.2	1	1.4	135.0	0.72	<0.05	13.6	0.276	1.52	2.3
M897931		14.9	96.2	<0.002	0.01	20.0	11.7	<1	1.2	178.5	0.74	<0.05	13.6	0.303	1.25	1.8
M897932		110.0	94.9	<0.002	0.12	27.0	11.8	1	1.2	272	0.68	0.29	12.4	0.330	1.38	2.5
M897933		29.0	102.0	<0.002	0.03	21.4	12.5	1	1.3	241	0.66	<0.05	11.0	0.318	1.48	2.3
M897934		3820	177.5	0.004	0.59	67.1	17.2	3	20.6	393	0.85	0.32	8.3	0.458	1.92	3.6
M897935		36.1	96.5	0.002	0.01	8.63	14.3	1	1.6	247	0.72	<0.05	12.7	0.294	1.06	1.7
M897936		23.5	97.6	<0.002	<0.01	11.85	15.6	1	1.5	162.5	0.70	<0.05	12.7	0.294	1.04	1.6
M897937		49.8	105.0	<0.002	0.01	5.04	16.1	1	1.6	316	0.75	0.11	14.7	0.322	1.28	1.6
M897938		25.8	75.0	0.002	<0.01	3.38	13.5	1	1.5	313	0.73	<0.05	13.7	0.292	0.91	1.2
M897939		606	170.0	0.003	<0.01	19.20	12.4	1	1.4	89.6	0.66	<0.05	13.6	0.243	2.06	2.0
M897940		406	143.5	0.002	<0.01	17.35	7.3	<1	1.0	107.0	0.83	<0.05	18.3	0.171	1.70	2.1
M897941		69.0	171.0	<0.002	<0.01	8.79	4.8	1	1.2	79.6	0.99	<0.05	24.3	0.131	1.69	2.1
M897942		2.8	4.2	<0.002	<0.01	0.11	0.2	<1	0.4	48.9	<0.05	<0.05	0.2	<0.005	0.03	0.5
M897943		108.5	160.0	<0.002	<0.01	17.05	12.2	1	1.3	69.3	0.77	<0.05	16.3	0.256	1.57	2.1
M897944		48.8	180.5	0.002	0.04	21.6	6.9	<1	1.1	69.4	0.89	<0.05	22.9	0.163	2.16	2.2





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**CERTIFICATE OF ANALYSIS WH12174369**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897909						
M897910		95	3.9	17.0	80	9.8
M897911		87	3.8	13.4	64	13.7
M897912		74	2.4	14.4	57	23.5
M897913		66	1.9	11.4	47	21.9
M897914		94	5.5	16.3	75	20.6
M897915		91	1.8	11.0	55	17.4
M897916		96	6.7	13.6	66	22.3
M897917		84	1.6	15.7	73	21.1
M897918		86	2.1	12.5	71	17.9
M897919		63	1.4	12.7	72	30.0
M897920		94	1.9	11.3	67	16.1
M897921		108	4.2	15.4	85	29.0
M897922		95	2.0	10.7	75	21.9
M897923		108	2.2	17.2	101	18.0
M897924		110	3.0	19.6	125	19.5
M897925		94	2.6	17.4	80	18.5
M897926		94	3.2	17.0	73	18.1
M897927		106	2.7	20.0	93	18.1
M897928		95	4.7	18.1	112	16.8
M897929		98	3.7	16.2	102	16.3
M897930		89	3.4	16.5	86	21.8
M897931		95	2.8	15.0	64	19.4
M897932		110	4.6	12.3	110	30.6
M897933		100	3.4	14.8	95	37.2
M897934		143	4.1	20.8	2350	62.7
M897935		91	3.6	15.1	104	21.9
M897936		87	4.4	15.2	123	16.3
M897937		98	5.7	16.3	168	14.8
M897938		81	2.3	12.9	145	14.1
M897939		82	3.0	18.6	441	12.1
M897940		50	2.0	13.1	260	32.0
M897941		34	2.1	10.1	177	39.6
M897942		3	0.1	0.7	16	<0.5
M897943		70	3.7	12.1	173	21.8
M897944		45	1.8	11.5	131	36.3



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**CERTIFICATE OF ANALYSIS WH12174369**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12174430**

Project: Klaza TR-12-36

P.O. No.: Batch 9

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12174430**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815191		3.24	0.005	0.80	7.88	71.2	1140	1.32	0.43	1.24	4.04	55.6	7.5	9	18.85	70.1
N815192		3.00	0.006	0.75	8.23	112.0	1110	1.52	0.34	0.67	4.68	58.4	8.5	12	20.9	59.5
N815193		2.96	0.007	0.69	8.46	77.3	1150	1.62	0.21	1.55	4.63	56.2	10.4	12	18.45	59.4
N815194		2.94	0.005	0.42	7.90	95.8	990	1.55	0.25	0.35	5.89	45.3	9.0	11	24.0	58.9
N815195		2.61	0.236	37.0	6.11	1715	630	1.04	13.15	0.13	9.70	41.9	2.3	9	45.6	388
N815196		1.84	0.012	1.29	8.26	211	1300	1.56	0.28	0.46	5.62	47.6	11.9	11	19.95	82.4
N815197		2.93	0.006	0.94	7.95	252	1470	1.41	0.45	0.82	9.18	51.4	9.8	13	22.8	65.5
N815198		2.76	<0.005	0.39	8.24	102.0	870	1.41	0.37	0.64	6.67	62.6	8.3	11	26.3	37.8
N815199		2.30	0.011	1.20	8.06	303	1340	1.40	0.20	0.60	9.98	55.9	8.6	11	25.3	40.9
N815200		2.76	0.008	0.69	8.45	122.0	1140	1.41	0.21	0.71	4.32	50.4	7.7	11	25.1	47.6
N815201		3.51	0.005	0.32	8.22	113.0	1070	1.38	0.22	0.77	5.03	56.6	10.6	11	23.0	30.0
N815202		3.98	<0.005	0.44	8.22	139.5	1210	1.27	0.24	0.30	6.87	50.1	9.1	11	28.6	40.5
N815203		2.85	<0.005	0.41	8.02	125.0	880	1.31	0.18	0.58	5.46	50.7	7.5	11	22.9	38.5
N815204		2.49	0.011	2.97	8.75	84.4	1660	1.46	13.60	1.19	5.20	58.2	8.6	11	19.30	208
N815205		2.17	0.007	0.35	7.91	125.0	1610	1.32	0.21	1.13	5.03	54.7	10.5	10	19.00	76.1
N815206		2.31	<0.005	0.28	8.05	112.0	880	1.21	0.26	0.46	4.31	51.5	7.2	10	24.5	74.5
N815207		2.59	<0.005	0.30	8.32	99.5	840	1.44	0.29	0.64	4.02	55.0	7.6	12	31.5	108.5
N815208		2.51	0.047	1.98	7.90	271	1350	1.56	0.32	1.26	7.78	52.1	9.9	9	22.0	147.5
N815209		2.61	0.047	2.24	7.30	406	1170	1.49	0.72	0.30	13.75	64.0	8.0	7	22.8	80.5
N815210		2.46	0.016	0.67	7.47	127.0	1140	1.30	0.28	0.22	7.16	55.5	6.6	6	24.1	44.8
N815211		3.17	0.019	1.56	8.70	198.0	1620	1.71	0.71	0.60	9.04	60.2	11.7	9	27.1	74.9
N815212		2.57	0.393	2.82	7.08	507	1270	1.42	1.55	0.24	7.22	48.3	7.1	5	23.7	94.8
N815213		2.47	0.439	1.89	7.71	438	1600	1.44	0.89	0.20	11.60	55.9	11.7	6	18.30	111.0
N815214		3.62	0.519	2.69	7.47	1010	1250	1.40	0.74	0.18	22.9	61.0	10.1	5	34.7	141.5
N815215		2.25	<0.005	0.05	0.07	<5	30	<0.05	0.02	19.35	0.16	1.40	0.7	1	0.27	2.6
N815216		3.63	0.014	0.48	10.30	170.0	2370	2.30	0.87	0.84	3.59	56.9	9.2	9	23.1	30.2
N815217		2.69	0.036	1.17	7.10	248	2060	1.53	0.54	0.39	6.89	54.2	5.3	6	18.20	35.3
N815218		2.81	0.013	0.30	8.10	76.1	1570	1.59	0.76	0.77	2.35	50.0	5.8	8	19.25	21.0
N815219		2.66	0.009	0.20	7.94	76.9	1530	1.55	0.40	0.36	2.19	54.3	6.1	8	15.45	12.4
N815220		2.29	0.016	0.60	7.68	135.5	1650	1.52	1.03	0.24	2.87	54.6	7.0	7	24.0	23.0
N815221		2.52	0.008	0.25	8.55	70.6	1920	1.32	0.56	0.54	1.79	49.3	6.0	7	16.90	19.3
N815222		2.76	0.011	0.28	8.19	59.3	1710	1.32	1.42	1.06	1.75	56.4	9.0	12	16.60	24.5
N815223		1.85	0.011	0.24	7.98	57.2	1740	1.48	0.84	1.42	1.84	60.3	9.1	12	17.25	20.0
N815224		0.26	1.335	30.8	8.13	550	1280	1.66	1.24	0.31	28.6	75.9	5.8	19	3.59	136.5
N815225		2.55	0.013	0.43	7.71	93.5	1690	1.45	1.02	1.03	2.61	65.3	8.4	12	18.25	26.9
N815226		2.06	0.005	0.25	7.89	33.5	2050	1.41	0.81	1.26	1.92	63.0	9.6	10	16.95	28.4



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Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174430**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815191		2.79	16.70	0.08	0.8	0.031	2.19	30.5	22.8	0.57	886	4.56	1.72	9.2	4.8	490
N815192		3.34	17.85	0.08	0.7	0.048	2.50	30.5	54.2	0.43	992	6.38	1.03	8.6	5.5	620
N815193		3.42	18.30	0.10	0.8	0.028	2.25	28.8	18.7	0.64	1000	5.76	1.62	9.6	6.4	600
N815194		3.23	17.25	0.07	0.8	0.037	3.06	25.9	19.9	0.29	1150	15.20	0.23	8.8	4.8	560
N815195		4.74	14.50	0.09	0.6	0.499	2.54	27.7	17.8	0.25	1130	38.2	0.03	6.3	2.2	300
N815196		3.61	17.85	0.08	0.8	0.077	2.83	26.0	25.2	0.31	1780	15.70	0.48	9.0	5.2	540
N815197		3.35	17.10	0.10	0.7	0.092	2.52	27.7	17.3	0.50	2470	14.70	0.93	8.4	5.6	550
N815198		3.10	18.40	0.08	0.7	0.082	2.17	32.8	60.0	0.27	709	9.19	0.85	9.3	5.0	610
N815199		3.31	17.70	0.10	0.7	0.079	2.54	35.7	49.5	0.35	1900	18.05	0.55	8.1	6.2	580
N815200		3.11	17.05	0.09	0.7	0.086	2.70	28.5	41.4	0.44	1480	8.11	0.71	8.0	4.8	600
N815201		3.23	18.10	0.10	0.7	0.026	2.37	30.5	37.9	0.46	1340	7.74	0.79	8.5	5.4	570
N815202		3.07	18.05	0.09	0.7	0.020	2.73	33.4	65.2	0.18	1280	16.00	0.05	8.5	5.1	550
N815203		2.74	17.95	0.08	0.7	0.035	2.46	29.6	68.9	0.24	859	8.66	0.53	8.8	4.8	570
N815204		3.61	19.70	0.09	0.7	0.201	2.34	31.5	32.2	0.42	1590	11.80	1.69	9.2	5.4	630
N815205		3.99	16.50	0.09	0.6	0.066	2.20	25.0	17.4	0.60	2060	7.74	1.28	8.2	6.2	520
N815206		2.54	17.25	0.09	0.7	0.022	2.47	28.2	45.0	0.20	470	8.59	0.26	9.0	3.6	520
N815207		2.78	17.75	0.11	0.8	0.028	2.46	29.9	40.8	0.20	383	7.13	0.74	8.8	4.3	610
N815208		3.59	17.25	0.11	0.9	0.104	2.36	36.2	27.0	0.40	1600	15.15	1.24	7.8	4.8	820
N815209		3.51	15.90	0.12	1.5	0.100	2.70	39.9	39.3	0.22	2600	27.9	0.08	7.5	4.1	780
N815210		2.65	16.15	0.09	1.4	0.055	2.68	32.7	49.3	0.17	2320	16.45	0.06	7.7	3.7	550
N815211		4.73	18.20	0.20	1.5	0.125	3.16	36.0	41.9	0.31	1860	20.3	0.68	7.7	6.0	1160
N815212		2.37	15.70	0.11	1.5	0.121	2.69	33.0	22.0	0.21	1720	15.70	0.27	7.4	3.2	440
N815213		2.33	16.15	0.11	1.7	0.069	3.12	31.8	30.2	0.21	3520	18.80	0.52	7.6	4.7	350
N815214		2.39	16.90	0.13	1.5	0.136	2.76	36.0	25.2	0.19	4720	26.4	0.05	7.7	4.3	240
N815215		0.45	0.24	0.08	<0.1	<0.005	0.02	1.3	1.0	12.20	213	0.29	<0.01	0.1	2.0	150
N815216		3.27	22.8	0.17	2.4	0.040	3.60	24.3	49.7	0.39	569	4.11	1.80	11.4	4.1	700
N815217		2.59	14.95	0.17	1.7	0.108	3.02	33.4	22.4	0.30	4110	20.7	0.36	7.3	2.5	400
N815218		2.11	16.10	0.16	1.7	0.037	2.60	23.2	21.5	0.31	862	4.71	1.73	8.0	2.6	530
N815219		2.37	15.50	0.17	1.9	0.024	3.02	27.7	39.8	0.20	601	5.30	0.93	8.2	2.5	460
N815220		2.24	14.90	0.18	1.7	0.047	2.59	31.4	50.4	0.21	1190	11.45	0.24	7.8	2.6	470
N815221		2.44	16.60	0.17	1.5	0.026	2.75	24.2	35.8	0.30	367	3.13	1.11	8.1	2.6	530
N815222		2.85	17.10	0.20	1.5	0.043	2.30	27.8	22.4	0.55	613	3.78	1.79	8.6	5.1	650
N815223		3.19	16.40	0.21	1.7	0.044	2.23	31.4	17.9	0.64	932	3.94	1.99	8.2	5.2	660
N815224		5.92	23.3	0.27	2.6	0.245	3.45	36.9	21.8	0.31	1080	6.20	0.08	12.5	7.1	1880
N815225		3.12	16.15	0.21	1.7	0.068	2.56	37.1	24.8	0.45	1440	9.95	1.24	8.4	4.6	650
N815226		3.35	17.45	0.21	1.8	0.053	2.63	35.0	15.9	0.60	1010	4.75	1.91	8.4	4.4	650



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**CERTIFICATE OF ANALYSIS WH12174430**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815191		57.2	120.0	<0.002	<0.01	3.67	11.3	1	1.6	256	0.82	<0.05	16.3	0.242	0.90	1.6
N815192		39.1	138.0	<0.002	<0.01	12.05	13.8	1	2.0	175.5	0.70	<0.05	16.4	0.301	1.25	1.9
N815193		34.2	123.0	0.002	<0.01	6.75	14.1	1	1.7	296	0.83	<0.05	17.4	0.294	1.23	1.6
N815194		20.9	163.5	0.002	<0.01	37.7	13.0	1	1.7	68.9	0.79	<0.05	14.7	0.291	1.73	2.4
N815195		4970	184.5	<0.002	0.29	158.5	9.6	<1	2.1	45.9	0.55	<0.05	11.3	0.219	1.63	3.3
N815196		250	156.5	<0.002	<0.01	26.5	14.3	1	2.0	125.0	0.77	<0.05	16.0	0.284	1.46	2.5
N815197		96.1	145.0	<0.002	<0.01	12.30	14.0	1	1.8	198.0	0.77	<0.05	14.3	0.275	1.44	1.8
N815198		44.8	115.5	<0.002	<0.01	7.67	13.9	1	1.9	154.5	0.86	<0.05	17.8	0.293	1.29	2.5
N815199		403	154.0	<0.002	<0.01	14.15	14.9	1	1.9	136.5	0.70	<0.05	15.2	0.283	1.67	2.3
N815200		230	164.0	<0.002	<0.01	13.45	14.1	1	1.7	154.5	0.69	<0.05	15.6	0.284	1.98	2.2
N815201		40.4	131.5	<0.002	<0.01	9.94	14.8	1	1.6	157.0	0.72	<0.05	15.1	0.287	1.45	2.3
N815202		87.3	158.5	0.003	<0.01	13.20	14.3	1	2.1	53.5	0.72	<0.05	15.7	0.278	2.23	3.3
N815203		27.0	132.5	<0.002	<0.01	10.85	13.7	1	1.8	119.0	0.69	<0.05	15.6	0.277	1.63	2.3
N815204		101.5	141.5	<0.002	0.01	16.40	14.7	1	4.1	303	0.71	0.44	15.4	0.306	1.51	2.0
N815205		48.0	113.5	<0.002	<0.01	9.70	13.2	1	2.1	243	0.64	<0.05	14.4	0.263	1.13	1.5
N815206		18.4	128.0	0.003	<0.01	12.20	12.5	1	1.6	84.0	0.76	<0.05	15.2	0.278	1.41	2.7
N815207		19.7	121.0	0.002	<0.01	12.25	13.3	1	2.2	130.0	0.70	<0.05	14.7	0.316	1.40	2.5
N815208		239	135.0	0.002	<0.01	16.90	15.1	1	2.5	252	0.58	<0.05	13.5	0.298	1.50	2.4
N815209		505	173.5	<0.002	<0.01	24.0	14.2	1	2.9	67.9	0.70	<0.05	18.2	0.260	2.24	3.5
N815210		48.0	161.5	<0.002	<0.01	17.90	11.0	1	2.8	79.6	0.71	<0.05	19.1	0.204	1.94	2.8
N815211		62.5	165.0	<0.002	0.02	21.2	17.7	1	4.8	144.5	0.57	<0.05	14.5	0.366	2.34	3.7
N815212		405	181.5	<0.002	<0.01	22.9	9.7	1	3.2	76.9	0.68	<0.05	18.2	0.178	2.19	2.7
N815213		261	179.0	0.002	<0.01	17.40	8.4	1	2.7	76.9	0.85	<0.05	23.7	0.179	1.95	2.6
N815214		569	193.5	<0.002	<0.01	28.1	9.3	1	2.7	61.3	0.82	<0.05	20.4	0.179	2.57	3.4
N815215		4.2	1.8	0.002	<0.01	0.22	0.2	<1	0.3	51.4	<0.05	<0.05	0.2	<0.005	0.02	0.6
N815216		64.3	176.5	<0.002	0.01	10.35	13.2	1	2.6	216	1.16	<0.05	23.1	0.270	1.53	3.0
N815217		272	172.0	<0.002	0.02	16.05	8.3	1	2.1	72.3	0.75	0.06	20.6	0.170	2.34	2.9
N815218		51.7	130.5	<0.002	<0.01	6.61	9.9	1	2.8	188.5	0.79	<0.05	19.7	0.223	1.25	2.4
N815219		32.4	148.5	<0.002	<0.01	8.08	8.6	1	1.3	95.0	0.87	<0.05	22.5	0.197	1.29	2.6
N815220		193.5	150.0	<0.002	0.02	16.45	9.3	1	2.2	71.2	0.80	<0.05	19.6	0.211	1.76	2.9
N815221		25.1	128.0	<0.002	0.01	8.38	9.5	1	1.7	139.0	0.78	<0.05	19.1	0.229	1.20	2.2
N815222		31.3	114.5	<0.002	<0.01	4.66	11.8	1	2.7	230	0.70	<0.05	15.9	0.281	1.00	2.0
N815223		46.8	113.0	<0.002	0.01	4.56	12.3	1	2.0	289	0.68	0.05	17.0	0.283	0.99	2.0
N815224		4260	187.0	0.004	0.66	70.3	14.4	5	19.5	410	0.81	0.34	7.7	0.453	1.99	3.8
N815225		52.6	146.0	<0.002	0.01	7.46	12.3	2	2.8	208	0.69	<0.05	18.0	0.278	1.59	2.5
N815226		23.4	134.5	<0.002	<0.01	3.50	12.9	1	1.8	286	0.67	0.05	16.1	0.266	1.23	1.6



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Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174430**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815191		73	8.1	11.5	583	19.7
N815192		96	7.2	13.5	550	15.4
N815193		92	6.4	14.1	663	16.5
N815194		94	5.1	15.4	450	14.7
N815195		73	4.6	11.8	452	10.7
N815196		94	5.2	18.9	577	15.0
N815197		89	5.4	18.3	536	15.1
N815198		95	2.6	18.1	509	15.5
N815199		96	2.7	21.7	559	13.2
N815200		95	2.9	17.5	681	13.2
N815201		94	2.4	18.1	659	13.7
N815202		94	3.7	23.3	376	14.2
N815203		90	3.6	17.0	411	13.8
N815204		99	4.3	19.9	535	16.0
N815205		86	6.2	16.1	591	12.1
N815206		87	4.2	16.1	280	17.1
N815207		97	4.7	17.6	308	15.5
N815208		110	4.0	24.6	483	20.7
N815209		98	4.8	21.2	487	37.5
N815210		63	3.2	18.3	346	37.0
N815211		151	7.5	23.6	442	39.0
N815212		55	2.3	19.2	294	42.4
N815213		50	2.7	17.3	415	40.2
N815214		50	3.6	22.7	555	40.3
N815215		2	0.1	0.9	18	<0.5
N815216		74	4.5	20.6	443	70.1
N815217		48	2.8	18.7	561	51.1
N815218		55	4.6	13.9	232	48.0
N815219		55	2.1	15.3	185	51.0
N815220		60	4.3	16.7	239	42.0
N815221		60	6.6	14.3	181	40.2
N815222		82	6.5	16.4	177	40.7
N815223		82	12.8	17.9	180	46.6
N815224		148	3.9	22.2	2540	74.2
N815225		84	5.5	20.8	214	48.9
N815226		78	5.9	18.2	179	48.7



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**CERTIFICATE OF ANALYSIS WH12174430**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12174431**

Project: Klaza TR-12-36

P.O. No.: Batch 7

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 14-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174431**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815037		4.91	<0.005	0.16	7.96	19.4	1360	1.52	0.52	1.18	1.95	69.2	11.7	18	15.70	28.0
N815038		5.84	<0.005	0.12	8.29	15.1	1150	1.49	0.24	0.75	1.43	53.7	9.5	16	13.85	17.8
N815039		4.67	<0.005	0.18	8.42	17.1	1160	1.42	0.20	1.40	1.24	44.8	9.5	17	15.60	16.9
N815040		4.24	0.082	4.93	8.22	284	1340	1.91	0.53	0.27	9.11	58.5	15.4	18	24.5	177.0
N815041		5.00	0.013	0.92	8.75	54.7	1110	1.67	0.23	0.72	3.99	57.0	11.2	15	25.4	44.7
N815042		4.30	0.006	0.75	8.53	30.1	1270	1.46	0.20	1.59	2.01	52.0	10.8	17	15.70	45.0
N815043		5.35	<0.005	0.40	8.06	13.8	1290	1.53	0.10	2.24	1.34	56.0	10.9	19	12.55	26.4
N815044		4.34	0.008	0.20	8.74	9.3	1200	1.58	0.18	1.32	2.84	51.4	10.0	15	14.50	32.8
N815045		5.46	<0.005	0.26	9.08	23.4	1270	1.47	0.19	0.69	3.26	45.6	10.9	14	15.90	32.8
N815046		5.43	<0.005	0.27	8.65	39.3	1590	1.47	0.21	0.27	3.26	49.2	10.3	16	28.4	25.1
N815047		5.97	0.075	1.49	8.37	441	1450	1.55	0.19	0.65	6.34	53.6	10.1	16	19.80	21.9
N815048		4.92	<0.005	0.24	8.48	50.2	960	1.55	0.11	0.26	2.82	45.1	11.0	15	42.9	22.6
N815049		5.51	<0.005	0.18	8.63	18.3	1280	1.62	0.08	1.33	2.28	49.4	11.3	15	15.60	26.4
N815050		4.87	<0.005	0.14	8.85	10.8	1310	1.62	0.06	1.02	2.71	52.0	11.1	13	15.00	14.7
N815051		5.21	<0.005	0.35	8.47	17.2	1270	1.66	1.29	1.65	1.96	53.3	9.1	13	13.20	68.2
N815052		4.41	0.007	1.29	8.58	63.6	1280	1.81	0.35	0.92	2.47	60.0	8.8	15	19.50	27.2
N815053		4.61	0.009	0.14	8.60	11.7	1140	1.89	0.11	0.59	1.73	56.1	8.4	12	19.75	17.5
N815054		5.48	<0.005	0.18	8.16	13.9	1260	1.55	0.15	1.46	2.04	61.3	9.2	13	18.90	18.3
N815055		6.05	<0.005	0.22	8.65	18.8	1240	1.60	0.10	0.88	2.06	63.7	8.4	13	19.50	32.9
N815056		6.30	0.008	0.33	8.21	77.2	1120	1.66	0.19	0.22	3.79	49.2	9.0	11	29.3	30.3
N815057		7.01	0.011	0.76	7.80	252	1440	1.71	0.33	0.21	7.96	57.5	8.4	16	23.5	54.7
N815058		5.28	0.138	8.74	6.99	1460	1940	1.97	1.82	0.19	17.20	49.7	11.0	14	22.3	228
N815059		5.68	0.162	9.27	7.81	730	1230	1.32	2.59	0.13	8.39	49.2	4.1	18	23.5	186.0
N815060		6.56	0.796	17.65	7.99	2190	800	1.26	1.06	0.18	22.6	53.6	1.2	11	24.4	122.0
N815061		6.39	0.193	6.96	7.42	616	1680	1.46	0.56	0.26	14.40	51.2	7.4	14	20.5	59.3
N815062		6.24	0.010	1.55	8.61	93.8	1100	1.38	0.83	0.81	2.99	59.4	8.1	12	16.55	29.2
N815063		4.56	0.012	3.54	8.16	84.3	1310	1.47	3.27	1.12	5.99	58.2	8.2	14	21.6	67.4
N815064		4.38	0.010	2.56	8.47	161.0	1580	1.55	1.39	0.20	6.00	45.2	8.7	14	30.7	81.1
N815065		4.64	0.013	8.89	8.53	100.5	2250	1.70	1.69	0.21	8.50	53.7	6.3	13	28.3	80.9
N815066		4.95	0.011	0.70	8.73	33.0	1170	1.54	0.70	0.26	3.89	46.3	6.0	7	20.7	60.9
N815067		3.13	<0.005	0.01	0.06	<5	70	<0.05	0.03	20.7	0.08	1.14	1.5	<1	0.14	2.0
N815068		5.00	0.044	1.57	6.91	306	1130	1.19	1.72	0.16	7.08	50.7	3.7	9	22.4	33.8
N815069		5.30	0.266	7.93	6.30	1600	1280	1.55	1.82	0.18	20.1	44.7	6.6	9	32.0	167.0
N815070		5.91	0.094	9.17	6.89	758	1370	1.60	1.54	0.26	10.90	45.3	7.6	7	33.3	204
N815071		0.23	1.310	35.2	8.22	560	1300	2.00	1.43	0.32	32.0	78.1	6.2	20	3.44	144.0
N815072		6.32	0.025	0.62	8.55	122.5	1330	1.73	0.36	1.01	4.47	56.8	10.6	10	23.7	46.2



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Finalized Date: 14-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174431**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815037		3.55	17.80	0.11	0.9	0.124	2.32	29.9	20.8	0.82	1300	7.79	1.46	9.8	6.4	570
N815038		3.41	18.35	0.10	0.7	0.040	2.19	21.5	23.9	0.51	720	4.87	1.04	9.1	5.8	580
N815039		3.46	18.15	0.12	0.7	0.034	2.18	20.2	23.5	0.65	646	6.44	1.36	9.8	5.6	610
N815040		4.27	17.95	0.16	0.7	0.247	3.20	34.2	35.3	0.27	5490	75.3	0.16	8.2	5.9	480
N815041		3.68	18.20	0.13	0.7	0.053	2.61	27.4	42.4	0.31	1490	13.75	0.72	8.5	5.7	570
N815042		3.85	18.30	0.11	0.7	0.054	2.50	22.4	20.6	0.72	1220	7.93	1.66	9.8	6.8	630
N815043		3.83	18.05	0.10	0.8	0.042	2.20	22.8	18.2	0.84	800	3.68	2.22	10.4	8.2	670
N815044		3.49	19.65	0.10	0.8	0.035	2.13	16.1	17.0	0.58	576	3.83	1.48	10.5	6.3	670
N815045		3.81	19.30	0.10	0.8	0.037	2.21	16.8	28.7	0.59	658	5.08	0.72	9.5	6.5	650
N815046		3.22	19.25	0.11	0.8	0.036	2.33	21.3	41.1	0.26	1160	11.90	0.17	9.5	5.9	530
N815047		3.71	18.10	0.14	0.7	0.074	2.87	32.1	18.9	0.35	2150	10.45	0.65	9.2	6.1	530
N815048		3.38	18.45	0.12	0.6	0.037	2.66	22.1	50.1	0.24	1230	9.52	0.13	8.5	6.0	550
N815049		3.59	19.05	0.11	0.7	0.028	1.94	17.6	15.7	0.48	880	4.96	1.64	9.7	5.9	650
N815050		4.88	18.65	0.13	0.6	0.028	1.81	20.1	22.6	0.64	1180	10.15	1.10	9.0	6.7	620
N815051		3.32	17.35	0.10	1.0	0.030	2.35	20.3	13.9	0.58	790	3.82	2.05	10.8	5.3	550
N815052		3.39	18.40	0.11	0.9	0.076	2.83	30.9	14.9	0.37	1730	12.45	1.11	10.0	4.9	450
N815053		3.61	17.85	0.10	1.0	0.021	2.52	26.4	21.7	0.30	763	10.30	0.91	9.5	4.7	450
N815054		3.23	17.55	0.12	1.0	0.020	2.35	27.7	12.4	0.33	982	5.44	1.80	10.0	5.0	460
N815055		3.02	18.15	0.14	1.0	0.020	2.36	29.8	16.7	0.39	685	5.57	1.22	10.4	4.6	470
N815056		2.77	17.80	0.12	0.8	0.018	3.14	33.3	46.4	0.21	1840	16.20	0.06	7.9	4.3	400
N815057		3.35	16.60	0.16	0.9	0.033	3.20	37.8	23.0	0.26	4100	27.4	0.08	8.0	5.4	410
N815058		4.53	16.45	0.18	0.8	0.270	3.06	53.4	12.6	0.25	9230	69.4	0.05	7.6	5.3	360
N815059		3.48	15.95	0.12	0.9	0.205	3.38	32.5	13.9	0.25	1920	12.90	0.06	8.7	3.1	300
N815060		3.92	15.95	0.12	0.9	0.288	3.28	31.3	35.9	0.27	651	6.97	0.04	7.4	1.3	270
N815061		3.60	15.00	0.13	1.3	0.159	2.47	31.5	78.4	0.22	3820	13.95	0.11	7.3	4.5	460
N815062		2.95	18.15	0.12	0.9	0.043	2.09	32.9	86.3	0.31	1030	6.93	0.73	8.9	4.5	490
N815063		3.63	16.60	0.11	0.9	0.230	2.56	31.3	18.0	0.45	2920	11.90	1.12	8.7	4.8	430
N815064		3.32	17.75	0.14	1.1	0.222	3.68	27.7	13.3	0.29	3080	17.00	0.07	8.6	4.2	460
N815065		4.51	16.95	0.14	0.9	0.418	3.38	33.7	24.0	0.23	5340	16.90	0.04	7.2	4.4	400
N815066		2.84	18.00	0.18	1.0	0.297	2.70	25.2	39.7	0.38	911	8.92	0.35	9.1	4.5	430
N815067		0.48	0.39	0.13	<0.1	0.005	0.02	0.5	1.0	13.00	222	0.18	<0.01	0.3	<0.2	180
N815068		2.81	14.80	0.21	0.9	0.176	2.90	32.3	14.6	0.23	2130	14.65	0.07	8.1	2.5	290
N815069		3.50	14.10	0.21	0.9	0.345	2.51	34.6	26.5	0.21	3930	30.3	0.06	7.8	3.6	320
N815070		3.59	15.45	0.27	0.9	0.165	2.51	30.5	36.7	0.25	2620	20.1	0.21	8.3	3.6	370
N815071		6.07	24.4	0.20	2.2	0.225	3.66	37.5	24.0	0.31	1100	6.29	0.08	11.9	7.2	1830
N815072		3.83	17.60	0.17	1.0	0.055	2.70	29.2	39.8	0.46	1440	8.27	0.83	7.7	4.1	860



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**CERTIFICATE OF ANALYSIS WH12174431**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N815037		62.9	97.3	<0.002	0.01	7.68	13.5	1	1.6	240	0.76	<0.05	18.0	0.302	1.5
N815038		19.8	96.0	<0.002	<0.01	6.20	13.3	1	1.4	180.5	0.73	<0.05	15.5	0.300	1.6
N815039		18.6	85.3	0.002	<0.01	5.06	13.6	1	1.7	243	0.74	<0.05	13.3	0.335	1.5
N815040		1795	181.0	<0.002	0.03	31.3	13.5	1	1.8	83.2	0.68	<0.05	15.6	0.275	3.4
N815041		807	128.5	<0.002	0.01	8.82	12.7	<1	1.5	127.5	0.68	<0.05	16.8	0.304	2.5
N815042		793	99.9	0.002	0.01	4.82	13.2	1	1.7	265	0.72	<0.05	15.7	0.345	1.8
N815043		403	80.7	<0.002	<0.01	1.59	13.7	1	1.7	360	0.83	<0.05	13.8	0.352	1.4
N815044		22.2	85.5	<0.002	<0.01	3.33	15.7	1	1.9	270	0.96	<0.05	16.1	0.350	1.8
N815045		25.2	87.8	<0.002	<0.01	4.90	13.7	1	1.7	147.5	0.83	<0.05	15.1	0.331	1.8
N815046		29.7	111.0	0.002	0.02	10.20	12.6	1	1.6	95.0	0.74	<0.05	15.3	0.297	2.2
N815047		365	153.0	<0.002	0.03	12.75	13.5	1	1.7	144.5	0.72	<0.05	15.1	0.311	2.5
N815048		14.9	142.0	<0.002	<0.01	7.14	12.9	1	1.4	46.3	0.62	<0.05	13.5	0.304	2.3
N815049		15.1	76.7	<0.002	<0.01	2.99	15.0	1	1.6	279	0.73	<0.05	14.2	0.344	1.8
N815050		14.3	82.5	<0.002	<0.01	2.02	14.5	1	1.4	213	0.70	<0.05	16.2	0.325	1.7
N815051		17.1	94.5	<0.002	<0.01	2.57	12.1	1	1.5	294	0.94	0.07	19.5	0.304	1.7
N815052		85.2	153.5	<0.002	<0.01	5.92	10.9	1	1.5	170.0	0.86	0.10	18.4	0.257	2.0
N815053		15.8	116.5	<0.002	<0.01	6.93	10.8	1	1.2	132.5	0.90	<0.05	17.8	0.247	2.3
N815054		16.5	100.5	<0.002	<0.01	3.28	11.1	1	1.2	265	0.86	<0.05	19.7	0.260	1.9
N815055		17.7	108.5	0.003	<0.01	7.17	11.5	1	1.5	196.0	0.85	<0.05	20.6	0.269	2.0
N815056		21.0	162.0	<0.002	<0.01	9.42	10.6	1	1.3	46.4	0.65	<0.05	17.3	0.223	2.6
N815057		196.5	182.0	<0.002	0.01	26.6	10.8	1	1.4	48.0	0.71	<0.05	17.7	0.214	2.5
N815058		1735	180.0	<0.002	0.02	155.0	10.6	2	1.5	99.0	0.70	<0.05	16.4	0.194	2.9
N815059		827	177.5	<0.002	0.10	213	8.6	1	1.9	79.2	0.83	0.05	16.6	0.255	2.5
N815060		1870	196.5	<0.002	0.30	86.5	7.7	1	1.9	163.5	0.72	<0.05	15.8	0.233	2.9
N815061		777	140.0	<0.002	0.07	39.7	8.3	1	1.5	179.5	0.69	<0.05	16.6	0.238	3.2
N815062		67.0	99.6	<0.002	0.01	11.10	9.9	1	1.3	176.5	0.79	<0.05	20.3	0.264	2.4
N815063		591	126.0	<0.002	0.01	16.65	9.0	<1	1.3	201	0.90	0.08	19.2	0.250	2.4
N815064		237	242	<0.002	0.01	33.0	9.9	1	4.2	34.6	0.85	0.13	19.3	0.238	2.8
N815065		562	175.5	<0.002	0.03	53.2	8.8	1	1.7	58.2	0.68	<0.05	19.6	0.227	3.7
N815066		210	135.5	<0.002	<0.01	13.55	10.5	2	1.6	100.5	0.84	<0.05	20.1	0.227	2.2
N815067		2.0	0.9	<0.002	0.02	0.13	0.3	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.8
N815068		301	154.0	<0.002	0.07	18.05	8.1	1	1.7	54.1	0.79	<0.05	16.8	0.197	2.3
N815069		1070	134.5	<0.002	0.01	63.2	8.3	2	1.4	47.4	0.75	0.07	17.4	0.185	3.4
N815070		917	122.5	<0.002	0.02	76.1	9.3	2	1.2	74.8	0.81	0.12	19.0	0.204	3.1
N815071		4080	173.0	0.006	0.64	69.3	14.7	4	21.2	415	0.78	0.29	7.9	0.470	4.0
N815072		124.0	130.0	0.002	<0.01	15.50	11.2	1	1.5	213	0.67	<0.05	17.2	0.320	2.4



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815037		96	19.7	14.2	215	19.6
N815038		94	6.0	13.2	155	13.7
N815039		100	11.3	14.0	197	14.0
N815040		93	18.1	18.7	1480	15.0
N815041		96	14.9	14.6	679	14.5
N815042		101	9.1	13.3	525	16.1
N815043		108	8.8	12.5	238	15.2
N815044		112	7.9	11.3	156	15.2
N815045		103	8.7	11.3	245	14.4
N815046		91	6.8	13.1	256	15.6
N815047		98	3.7	14.9	449	14.1
N815048		95	4.8	12.8	188	13.0
N815049		106	3.8	12.3	188	13.8
N815050		107	5.8	21.0	206	13.3
N815051		88	3.8	10.8	173	23.2
N815052		77	1.9	13.9	203	23.2
N815053		76	3.4	15.7	154	22.9
N815054		76	1.8	14.4	170	24.2
N815055		77	3.7	14.5	232	23.2
N815056		74	4.8	17.4	413	20.6
N815057		73	3.4	18.6	633	19.4
N815058		68	3.7	41.5	1150	19.7
N815059		70	4.7	12.2	687	23.8
N815060		68	4.8	7.9	930	21.7
N815061		69	4.5	14.9	1260	27.3
N815062		77	2.4	14.7	506	25.1
N815063		71	1.8	14.6	1020	25.6
N815064		66	4.2	16.4	642	29.4
N815065		71	2.7	17.3	839	27.2
N815066		69	4.6	12.5	706	25.5
N815067		2	0.1	0.8	15	<0.5
N815068		57	6.0	11.8	595	23.2
N815069		56	9.0	21.8	1120	23.2
N815070		60	6.0	19.6	1170	23.6
N815071		150	3.9	21.1	2570	70.5
N815072		104	3.8	16.6	665	29.7



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Project: Klaza TR-12-36

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**CERTIFICATE OF ANALYSIS WH12174431**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12174432**

Project: Klaza TR-12-36

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 14-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174432**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M897851		3.43	0.433	4.55	7.65	421	700	0.98	2.55	0.11	0.45	47.3	1.0	13	11.35	39.8
M897852		4.32	0.235	2.83	5.97	641	500	1.08	2.10	0.13	1.25	55.2	1.2	6	14.50	54.0
M897853		3.98	0.036	0.75	6.64	402	740	1.34	0.60	0.17	2.68	60.1	9.5	6	13.65	61.2
M897854		3.30	0.078	0.61	7.98	742	1110	1.71	0.43	0.39	3.96	61.0	13.0	16	13.90	55.2
M897855		3.91	0.044	0.44	8.56	244	1040	1.48	0.34	0.60	1.73	55.2	8.7	16	12.60	33.3
M897856		3.20	0.016	0.26	8.47	113.0	1140	1.42	0.28	1.04	1.16	58.3	9.3	15	10.60	20.8
M897857		2.94	0.014	0.17	8.57	57.9	1030	1.48	0.35	1.11	0.87	55.3	9.5	17	10.65	12.9
M897858		3.02	0.014	0.28	8.41	67.9	1080	1.40	3.17	0.67	0.76	51.8	8.5	14	10.60	14.3
M897859		3.90	0.010	0.23	8.39	48.1	920	1.48	0.38	0.62	0.79	55.0	8.2	13	15.55	11.0
M897860		3.26	0.006	0.12	8.49	30.8	960	1.34	0.22	0.40	0.46	48.7	8.5	13	11.55	11.6
M897861		3.17	0.007	0.14	8.85	65.1	880	1.47	0.49	0.39	0.84	55.1	8.4	14	11.70	12.4
M897862		3.51	0.006	0.13	8.76	38.6	1060	1.56	0.43	0.73	0.48	56.6	9.0	15	10.50	12.7
M897863		2.54	0.020	0.17	7.76	51.1	1300	1.33	0.46	0.25	0.79	57.9	5.5	10	12.25	9.4
M897864		2.79	0.007	0.09	7.98	23.9	1480	1.54	0.22	0.23	0.44	59.9	7.2	10	15.40	10.0
M897865		2.91	0.006	0.10	8.28	34.5	1030	1.24	0.14	1.13	0.42	46.9	7.3	12	10.20	8.1
M897866		3.05	0.005	0.10	8.21	35.0	850	1.42	0.16	0.45	0.47	49.6	9.4	14	14.10	9.4
M897867		3.65	0.006	0.12	8.13	40.1	1220	1.29	0.11	1.54	0.44	52.6	8.3	13	8.82	15.1
M897868		0.25	1.290	32.2	8.01	528	1260	1.92	1.40	0.31	31.4	77.1	6.0	19	3.34	139.5
M897869		2.93	0.006	0.24	8.49	29.0	880	1.27	0.16	1.22	0.41	55.1	8.9	13	17.20	11.4
M897870		4.37	<0.005	0.13	8.32	28.1	980	1.54	0.04	1.46	0.47	52.7	9.8	15	16.60	6.8
M897871		3.75	0.005	0.19	8.35	28.9	1040	1.24	0.73	0.85	0.39	56.5	8.3	14	19.20	15.5
M897872		4.18	0.008	0.72	8.15	44.6	1110	1.38	15.30	0.76	1.33	59.8	9.8	15	14.30	58.3
M897873		4.00	0.020	0.47	7.86	71.8	970	1.67	0.95	0.67	1.04	57.2	9.5	16	16.30	32.6
M897874		4.58	0.016	0.54	8.06	94.7	990	1.66	0.30	0.59	1.52	54.2	9.4	15	16.60	33.9
M897875		3.57	0.018	0.95	8.10	134.0	1160	1.66	0.81	1.10	1.77	46.6	9.9	16	12.55	52.8
M897876		3.73	0.008	0.50	7.96	48.7	1250	1.59	0.28	1.48	1.05	45.0	10.7	14	9.78	30.0
M897877		3.83	0.242	2.44	8.23	146.5	1150	1.52	1.77	0.72	1.98	55.2	10.3	17	15.15	64.3
M897878		3.40	0.228	1.11	8.48	88.6	1170	1.59	0.93	0.99	1.85	51.9	11.0	17	14.75	40.7
M897879		3.54	0.007	0.39	8.33	43.5	1260	1.39	0.18	0.65	0.94	52.0	10.8	15	12.00	20.1
M897880		2.91	0.005	0.31	8.43	54.4	1090	1.18	0.12	0.28	0.95	46.6	9.2	13	16.00	21.3
M897881		3.75	<0.005	0.03	0.11	<5	30	0.10	0.03	19.85	0.07	1.47	0.6	2	0.37	2.2
M897882		3.93	0.013	0.55	7.83	77.9	830	1.62	0.97	0.64	2.08	52.8	9.8	16	18.50	41.2
M897883		3.72	<0.005	0.34	8.29	29.2	1200	1.37	0.29	0.67	1.12	54.3	9.7	17	12.25	37.0
M897884		4.60	0.005	0.24	8.19	11.7	1240	1.64	0.09	1.69	1.09	52.2	12.5	18	11.10	50.5
M897885		3.76	0.006	0.18	8.33	17.3	1150	1.62	0.14	1.35	1.08	53.7	10.5	16	12.45	18.8
M897886		3.49	0.007	0.25	8.18	22.2	1210	1.54	0.15	1.98	0.95	50.3	10.5	15	10.20	18.5





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Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174432**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897851		1.68	17.10	0.11	0.8	0.230	3.52	25.9	9.8	0.34	191	2.76	0.03	8.0	1.3	180
M897852		2.22	12.05	0.14	1.5	0.127	2.53	32.3	14.6	0.23	174	1.80	0.03	7.5	1.5	210
M897853		1.91	13.00	0.13	1.4	0.054	2.75	35.5	17.2	0.25	1640	3.96	0.08	8.1	2.8	180
M897854		3.41	17.75	0.15	0.7	0.057	3.02	33.1	16.9	0.35	3770	4.80	0.26	9.1	7.5	560
M897855		3.34	17.75	0.11	0.7	0.044	2.24	25.9	23.3	0.38	1320	2.45	0.75	9.0	5.4	620
M897856		3.27	17.50	0.11	0.6	0.031	2.45	28.3	17.6	0.46	1120	1.82	1.30	8.6	5.4	610
M897857		3.49	17.85	0.13	0.6	0.029	2.21	25.7	14.4	0.51	1260	1.85	1.57	8.6	6.8	650
M897858		3.38	17.70	0.13	0.8	0.032	2.29	26.4	17.8	0.35	895	1.83	1.22	9.3	4.7	650
M897859		3.23	17.30	0.13	0.8	0.039	2.24	27.6	17.0	0.33	912	1.92	1.20	8.6	4.6	630
M897860		2.95	16.45	0.11	0.7	0.026	2.15	21.3	17.2	0.32	668	1.39	0.96	8.6	4.4	630
M897861		3.20	18.25	0.13	0.7	0.058	2.13	26.6	19.2	0.25	1160	2.42	0.78	9.0	5.0	690
M897862		3.33	18.40	0.14	0.8	0.040	2.24	26.6	16.0	0.39	678	1.73	1.41	9.9	5.4	670
M897863		2.53	15.15	0.15	1.3	0.033	2.81	31.4	13.0	0.27	1140	2.91	0.59	8.2	3.8	430
M897864		2.79	15.70	0.11	0.7	0.021	2.85	31.6	13.6	0.26	829	2.90	0.54	8.5	4.2	460
M897865		2.95	15.90	0.10	0.6	0.030	2.20	22.3	11.3	0.34	682	1.32	1.71	8.1	4.4	600
M897866		3.30	15.75	0.12	0.6	0.025	2.50	25.9	9.5	0.31	1020	2.27	1.57	7.8	4.9	620
M897867		3.17	16.40	0.15	0.7	0.027	2.14	25.1	13.2	0.56	877	1.40	2.18	8.5	4.8	630
M897868		5.93	23.7	0.20	2.2	0.222	3.53	38.5	23.1	0.30	1070	6.16	0.08	11.5	7.4	1790
M897869		3.40	17.10	0.12	0.7	0.019	2.39	27.7	14.0	0.35	719	2.02	1.74	7.9	4.8	590
M897870		3.40	17.30	0.11	0.7	0.027	2.09	29.0	18.3	0.37	787	1.82	1.59	8.8	5.3	610
M897871		3.23	17.15	0.12	0.8	0.026	2.12	31.7	26.2	0.29	638	2.19	1.01	8.8	5.0	610
M897872		3.54	16.45	0.11	0.8	0.061	2.21	28.5	25.8	0.43	1660	4.05	1.02	8.1	5.6	600
M897873		3.31	17.40	0.19	0.8	0.061	2.61	27.3	18.1	0.35	1260	3.16	0.67	9.6	6.4	610
M897874		3.24	17.70	0.16	0.7	0.069	2.38	28.5	21.5	0.31	1430	3.40	0.57	8.9	5.7	600
M897875		3.37	16.80	0.15	0.8	0.074	2.25	25.6	15.5	0.44	1460	2.88	1.04	9.5	6.3	660
M897876		3.48	18.10	0.13	0.7	0.048	2.06	19.2	14.2	0.47	1020	1.93	1.55	9.7	6.2	660
M897877		3.54	18.45	0.17	0.7	0.082	2.18	29.4	21.4	0.40	1500	3.88	0.70	9.3	6.3	640
M897878		3.53	18.25	0.14	0.8	0.053	2.17	29.9	20.7	0.53	1460	3.07	0.88	9.3	6.5	670
M897879		3.34	17.90	0.13	0.7	0.036	1.99	26.4	22.9	0.58	839	2.24	0.71	9.6	5.9	630
M897880		3.19	17.55	0.13	0.6	0.028	1.88	22.7	22.4	0.35	719	7.94	0.25	9.2	5.2	640
M897881		0.46	0.33	0.13	<0.1	0.006	0.03	0.7	1.3	12.20	212	0.12	0.01	0.2	1.7	170
M897882		3.34	17.00	0.19	0.7	0.053	1.92	30.9	43.7	0.32	1120	4.65	0.38	8.6	6.6	610
M897883		3.52	19.05	0.16	0.6	0.050	1.96	28.8	20.6	0.47	565	2.72	0.82	9.6	8.0	680
M897884		3.88	19.30	0.10	0.7	0.052	1.91	23.6	15.1	0.60	704	2.08	1.70	10.3	7.1	710
M897885		3.37	19.15	0.14	0.7	0.053	1.87	25.2	15.2	0.54	877	2.99	1.79	9.5	7.4	630
M897886		3.28	18.10	0.15	0.8	0.051	1.92	24.8	15.7	0.71	943	2.75	1.86	9.5	7.1	640



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Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174432**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897851		846	231	<0.002	0.19	96.4	9.7	<1	2.4	176.5	0.71	<0.05	7.8	0.291	2.87	1.5
M897852		197.0	143.5	<0.002	0.22	65.3	4.0	1	1.0	126.0	0.92	<0.05	24.9	0.133	1.98	2.3
M897853		78.0	150.5	<0.002	0.09	26.8	4.9	1	0.9	68.7	0.92	<0.05	24.6	0.148	2.30	2.4
M897854		101.0	185.0	0.002	0.02	29.0	12.0	1	1.5	86.0	0.91	<0.05	14.7	0.312	2.47	2.5
M897855		43.8	116.5	<0.002	0.01	23.5	11.9	<1	1.4	126.0	0.73	<0.05	16.4	0.318	1.34	2.0
M897856		23.5	120.5	0.002	0.01	10.55	11.5	<1	1.4	203	0.71	<0.05	15.7	0.310	1.39	1.9
M897857		17.8	120.0	<0.002	<0.01	5.95	12.3	1	1.5	226	0.75	<0.05	14.5	0.317	1.27	1.9
M897858		15.9	109.0	<0.002	<0.01	8.56	11.5	1	1.5	172.5	0.85	<0.05	16.4	0.309	1.05	2.3
M897859		18.1	106.5	<0.002	<0.01	7.16	11.1	<1	1.8	169.5	0.86	<0.05	16.9	0.303	1.28	2.3
M897860		17.0	103.5	<0.002	<0.01	6.23	11.1	<1	1.3	144.0	0.88	<0.05	16.6	0.310	1.31	1.8
M897861		21.7	107.5	<0.002	<0.01	10.30	12.1	1	2.8	108.0	0.88	<0.05	16.0	0.327	1.33	2.2
M897862		18.8	105.5	<0.002	<0.01	5.57	12.3	1	2.0	175.0	0.94	<0.05	16.2	0.325	1.01	2.0
M897863		22.8	160.0	<0.002	0.01	6.34	8.0	<1	1.5	58.9	0.87	<0.05	17.6	0.227	1.74	2.2
M897864		10.2	156.5	<0.002	0.02	5.07	8.3	<1	1.1	54.5	0.83	<0.05	20.2	0.244	1.73	2.0
M897865		12.9	97.9	<0.002	<0.01	4.14	10.6	1	1.4	227	0.72	<0.05	14.5	0.291	1.06	1.9
M897866		11.4	145.0	<0.002	0.01	3.94	10.8	<1	1.2	115.0	0.71	<0.05	14.3	0.307	1.52	1.9
M897867		16.2	93.9	<0.002	<0.01	3.05	12.4	1	1.2	309	0.79	<0.05	15.0	0.303	0.91	1.8
M897868		3980	169.0	0.008	0.62	69.2	14.5	5	20.9	406	0.73	0.32	7.6	0.456	1.96	3.9
M897869		15.2	105.0	<0.002	<0.01	2.77	10.3	1	1.5	239	0.73	<0.05	15.5	0.299	1.00	2.1
M897870		13.5	89.5	0.003	<0.01	2.85	11.5	1	1.4	238	0.88	<0.05	16.1	0.307	0.87	2.2
M897871		13.7	97.9	<0.002	0.01	4.75	11.2	1	1.4	153.5	0.85	<0.05	16.1	0.313	1.01	2.2
M897872		69.0	120.5	<0.002	<0.01	8.10	11.0	<1	1.9	154.5	0.80	0.20	15.9	0.306	1.53	2.3
M897873		91.2	153.5	0.002	<0.01	9.46	12.4	1	1.6	130.5	0.92	0.05	16.2	0.298	2.19	2.4
M897874		67.2	144.5	0.002	<0.01	12.15	12.4	<1	1.5	117.0	0.86	<0.05	15.9	0.297	1.93	2.3
M897875		98.4	115.0	<0.002	<0.01	12.20	12.8	1	1.5	188.5	0.87	<0.05	15.6	0.316	1.51	2.2
M897876		28.6	77.5	0.002	<0.01	7.71	12.1	1	1.6	260	0.91	<0.05	13.0	0.325	0.92	2.0
M897877		175.0	122.0	0.002	0.01	25.4	13.2	1	1.6	147.5	0.83	<0.05	14.7	0.319	1.36	2.4
M897878		95.3	116.0	0.002	0.01	15.90	13.0	1	1.4	171.0	0.84	<0.05	14.0	0.322	1.34	2.6
M897879		23.7	87.9	0.002	<0.01	7.30	13.1	1	1.4	148.0	0.84	<0.05	15.2	0.311	0.91	1.8
M897880		20.5	89.4	0.002	<0.01	9.55	12.8	1	1.3	73.7	0.83	<0.05	15.2	0.308	0.89	2.3
M897881		2.1	2.1	<0.002	0.01	0.09	0.3	<1	0.2	51.6	<0.05	<0.05	0.2	<0.005	0.03	1.1
M897882		44.7	103.5	0.002	<0.01	14.85	12.6	1	1.4	107.5	0.77	<0.05	13.8	0.312	1.27	2.6
M897883		19.5	98.4	0.002	<0.01	6.61	14.4	1	1.5	173.5	0.70	<0.05	14.0	0.321	0.77	2.3
M897884		14.7	87.1	0.002	<0.01	2.48	16.6	1	1.7	299	0.80	<0.05	12.9	0.350	0.65	2.2
M897885		17.8	98.6	0.002	<0.01	3.24	13.7	<1	2.1	255	0.76	<0.05	13.0	0.308	0.80	2.3
M897886		33.9	82.0	0.002	<0.01	4.46	13.5	1	1.5	322	0.80	<0.05	14.1	0.313	0.79	1.9



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 Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174432**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897851		78	3.4	3.8	52	20.1
M897852		32	1.5	7.1	98	41.4
M897853		34	1.9	9.8	151	38.7
M897854		92	3.9	16.6	314	17.7
M897855		93	3.3	13.6	170	15.2
M897856		92	1.9	14.4	130	15.0
M897857		94	2.4	15.9	102	15.1
M897858		92	3.3	15.8	104	18.2
M897859		90	2.8	15.5	96	17.0
M897860		90	3.2	14.6	73	16.0
M897861		95	4.0	16.2	96	16.3
M897862		96	2.6	16.0	78	18.0
M897863		64	2.7	11.7	85	20.3
M897864		69	3.7	12.0	63	18.9
M897865		84	2.0	13.1	69	15.0
M897866		90	1.7	13.9	78	13.5
M897867		89	1.6	15.8	82	14.8
M897868		146	3.8	20.2	2480	66.6
M897869		92	3.1	14.6	72	15.5
M897870		95	2.6	15.5	70	15.6
M897871		96	4.6	15.0	70	17.2
M897872		95	4.0	13.6	207	17.2
M897873		93	3.5	14.0	130	18.0
M897874		91	4.2	15.8	171	15.0
M897875		99	4.4	17.2	206	17.1
M897876		103	3.1	13.5	140	15.1
M897877		97	5.0	18.7	226	16.7
M897878		101	5.5	18.0	192	18.1
M897879		96	10.8	15.0	134	14.7
M897880		95	15.9	14.7	134	14.6
M897881		2	0.2	0.8	19	<0.5
M897882		97	8.3	18.8	200	16.2
M897883		106	4.2	16.3	150	15.2
M897884		119	6.5	16.7	111	14.1
M897885		99	3.2	15.2	123	16.0
M897886		95	3.3	15.4	141	17.3



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**CERTIFICATE OF ANALYSIS WH12174432**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12174433**

Project: Klaza TR-12-36

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12174433**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N815001		3.54	0.011	0.21	7.92	25.9	1260	1.41	0.10	1.84	0.98	50.8	9.9	13	9.76	16.2
N815002		3.40	0.009	0.20	8.01	27.3	1260	1.47	0.08	1.75	1.17	54.8	10.0	13	9.05	11.4
N815003		3.34	0.012	0.29	8.04	23.1	1190	1.42	0.39	1.38	2.19	51.1	9.8	12	12.75	25.5
N815004		3.40	0.033	1.06	8.08	117.5	1080	1.31	1.11	1.00	3.15	53.2	9.3	22	13.00	42.9
N815005		3.41	0.013	0.83	7.98	55.7	1120	1.55	1.20	1.30	1.40	60.0	9.3	19	10.95	29.6
N815006		3.98	0.007	0.30	7.79	27.4	1170	1.41	0.67	1.49	0.94	51.6	9.2	21	10.20	23.7
N815007		2.55	0.005	0.21	8.42	15.9	1140	1.55	0.22	1.91	0.60	55.1	11.9	15	10.55	26.9
N815008		3.45	0.009	0.50	8.03	36.2	1130	1.47	0.64	1.54	0.80	52.6	10.9	35	8.39	50.1
N815009		3.82	0.011	0.53	8.09	42.3	1100	1.55	0.96	1.64	0.81	52.3	10.8	34	9.07	36.1
N815010		3.30	0.009	0.38	8.27	29.9	1140	1.40	1.83	1.98	0.89	57.8	10.5	25	7.21	31.2
N815011		3.20	<0.005	0.13	7.81	12.1	1110	1.50	0.33	2.07	0.61	51.1	9.4	22	7.07	25.4
N815012		5.34	<0.005	0.12	8.07	17.3	1110	1.40	0.20	1.62	0.30	50.3	9.6	13	12.15	20.7
N815013		5.18	<0.005	0.44	8.11	6.3	1310	1.33	2.99	2.54	0.25	51.2	10.4	14	7.08	112.5
N815014		0.22	1.350	37.8	7.88	554	1240	1.97	1.35	0.31	31.3	74.9	5.9	18	3.36	137.5
N815015		4.06	<0.005	0.51	8.21	8.5	1200	1.27	1.92	1.83	0.41	52.9	9.6	14	7.62	89.4
N815016		6.02	<0.005	0.22	8.29	6.7	1240	1.47	0.55	2.02	0.31	48.5	9.4	13	7.47	84.5
N815017		6.11	0.006	0.16	8.30	17.3	1090	1.33	0.28	0.87	0.45	45.7	8.5	13	14.85	98.4
N815018		5.49	<0.005	0.32	8.17	9.6	1250	1.49	1.33	1.85	1.04	54.3	9.1	13	9.86	56.6
N815019		6.24	0.013	0.66	7.65	116.5	1090	1.39	4.66	1.02	2.71	56.9	7.8	10	11.45	129.0
N815020		4.71	0.017	0.93	7.69	112.0	790	1.48	2.54	0.23	2.24	56.0	7.0	16	31.8	173.5
N815021		4.29	0.022	0.66	7.43	131.0	870	1.47	0.90	0.40	1.81	51.4	4.9	10	15.25	93.6
N815022		6.37	0.006	0.21	7.63	38.6	710	1.59	0.50	0.23	1.98	54.0	6.1	8	32.6	65.0
N815023		5.49	0.011	0.35	7.31	42.5	900	1.36	2.40	0.28	1.82	49.2	7.5	9	22.4	132.5
N815024		5.07	<0.005	0.24	7.31	32.0	1080	1.24	1.88	0.47	1.21	48.0	6.3	10	16.50	81.8
N815025		5.67	<0.005	0.15	7.56	18.7	1250	1.19	0.27	0.25	0.90	42.4	6.3	10	13.00	46.8
N815026		6.09	0.005	0.26	7.83	17.1	1160	1.39	2.23	0.90	1.36	51.0	8.5	14	12.00	52.6
N815027		5.52	0.035	0.51	7.94	34.2	1060	1.54	5.39	0.79	2.13	56.2	9.7	13	17.50	79.5
N815028		4.96	<0.005	0.38	8.20	8.0	1230	1.45	0.71	0.72	1.61	50.9	9.8	14	14.00	29.6
N815029		4.53	0.006	34.5	7.74	67.8	1100	1.81	4.15	0.28	2.63	45.5	11.4	16	23.3	257
N815030		4.49	0.007	0.32	8.14	10.2	1230	1.31	0.42	0.48	1.27	43.0	9.6	18	11.80	23.6
N815031		4.30	0.006	0.81	9.35	26.9	1610	1.70	15.20	0.73	3.64	64.6	15.3	14	16.75	84.0
N815032		5.41	0.005	0.44	8.99	26.4	1980	1.71	6.82	1.42	2.48	48.4	18.9	55	18.45	58.9
N815033		6.77	0.006	0.16	8.06	26.1	1300	1.64	0.43	0.62	2.04	43.9	9.8	13	28.3	22.1
N815034		3.40	<0.005	0.07	0.11	7	60	0.09	0.04	21.6	0.07	1.52	1.7	2	0.55	2.1
N815035		4.49	<0.005	0.19	8.55	52.9	1440	1.82	0.56	0.59	3.11	56.9	12.3	19	21.3	23.4
N815036		4.96	0.005	0.14	8.69	13.3	1330	1.55	0.38	0.58	2.20	53.7	11.0	15	16.20	15.6



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Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174433**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N815001		3.40	16.65	0.07	0.8	0.033	2.01	23.7	15.9	0.67	848	1.73	1.89	8.4	6.0	600
N815002		3.38	17.35	0.08	0.8	0.038	2.17	24.7	14.0	0.65	808	1.23	1.96	9.2	5.7	620
N815003		3.39	16.65	0.07	0.8	0.034	2.02	24.6	19.0	0.62	765	2.33	1.51	8.7	6.6	600
N815004		3.44	16.35	0.08	1.0	0.095	2.08	31.1	24.1	0.45	993	4.16	1.07	8.5	7.9	650
N815005		3.50	16.40	0.09	0.9	0.050	2.02	30.1	18.0	0.53	914	2.45	1.33	8.8	8.7	620
N815006		3.32	15.95	0.10	0.9	0.044	2.03	29.4	15.8	0.65	1010	2.01	1.53	8.5	9.7	660
N815007		3.80	18.00	0.10	0.9	0.047	2.01	27.9	15.7	0.90	1080	1.65	1.95	8.7	9.4	620
N815008		3.52	17.45	0.08	1.0	0.058	1.98	29.9	17.3	0.72	897	3.67	1.63	8.8	13.5	690
N815009		3.61	17.20	0.08	1.1	0.056	1.97	28.1	17.5	0.78	908	2.69	1.65	8.7	12.4	670
N815010		3.71	17.95	0.10	1.1	0.084	1.92	29.8	17.6	0.89	962	2.05	1.97	9.0	11.0	720
N815011		3.38	16.40	0.08	1.0	0.045	1.89	26.9	16.2	0.80	790	1.48	2.00	8.8	9.7	660
N815012		3.35	16.70	0.08	0.6	0.040	1.98	26.5	16.6	0.68	758	1.52	1.85	8.0	5.2	610
N815013		3.67	16.30	0.07	0.6	0.101	2.04	26.1	18.9	1.07	1050	1.89	2.23	8.3	5.7	610
N815014		5.87	23.6	0.14	2.4	0.242	3.56	37.6	23.8	0.30	1080	5.46	0.07	12.6	7.7	1780
N815015		3.58	16.40	0.10	0.7	0.074	2.10	26.7	17.1	0.87	1020	2.06	2.14	8.3	5.9	600
N815016		3.43	16.90	0.07	0.7	0.062	2.14	22.6	16.1	0.86	961	1.70	2.28	8.9	5.1	600
N815017		3.10	17.45	0.07	0.7	0.033	2.08	22.6	15.4	0.51	726	4.19	1.21	9.3	5.0	640
N815018		3.23	17.20	0.10	0.9	0.082	2.37	28.1	15.0	0.79	778	4.85	2.23	9.6	5.1	520
N815019		2.94	15.05	0.08	1.0	0.092	2.42	31.4	17.1	0.45	1130	13.90	1.42	8.8	4.6	450
N815020		2.87	16.30	0.08	1.2	0.089	2.49	33.6	28.1	0.22	1060	23.0	0.57	8.8	4.0	410
N815021		2.38	15.15	0.09	1.1	0.054	2.43	27.6	27.1	0.19	477	12.40	0.71	9.4	3.2	330
N815022		2.49	15.50	0.07	1.0	0.035	2.47	35.3	33.5	0.19	749	10.75	0.34	9.2	3.6	370
N815023		2.46	15.20	0.14	0.9	0.027	2.33	29.2	36.0	0.17	637	15.85	0.48	8.6	3.4	360
N815024		2.19	15.15	0.12	1.0	0.018	2.46	24.3	27.4	0.25	561	7.47	0.73	9.0	3.3	340
N815025		2.11	15.25	0.11	0.9	0.020	2.60	16.3	32.2	0.31	448	6.90	0.36	9.2	3.2	360
N815026		2.73	16.65	0.13	0.9	0.073	2.26	24.7	23.5	0.52	663	8.62	1.06	9.9	4.7	440
N815027		3.33	17.40	0.16	0.9	0.241	2.13	28.4	21.8	0.58	998	9.86	1.18	9.9	5.0	530
N815028		3.35	17.40	0.17	0.7	0.138	2.30	22.3	22.9	0.75	864	8.83	0.90	9.5	5.4	520
N815029		3.62	18.10	0.18	0.7	1.765	2.44	22.7	40.3	0.50	1020	246	0.24	9.5	4.9	520
N815030		3.27	17.45	0.14	0.8	0.064	2.31	18.0	26.5	0.72	595	6.29	0.58	10.0	5.3	530
N815031		4.73	22.5	0.24	0.9	1.045	3.39	34.3	17.6	0.63	1910	18.00	1.77	11.5	6.3	640
N815032		5.52	20.3	0.23	1.7	0.505	2.52	23.7	22.3	1.39	1800	10.65	1.91	9.6	17.7	970
N815033		3.30	18.10	0.18	0.9	0.069	2.05	19.1	40.0	0.61	1020	8.01	0.73	10.1	5.5	580
N815034		0.50	0.41	0.06	<0.1	0.006	0.04	0.7	1.3	13.00	227	0.24	0.01	0.5	1.0	170
N815035		3.77	19.15	0.16	1.2	0.130	2.67	30.7	117.5	0.53	1190	15.95	0.73	9.8	6.0	720
N815036		3.42	19.05	0.18	0.8	0.047	2.42	21.4	27.5	0.77	827	11.95	0.77	10.6	5.5	600



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Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174433**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815001		20.5	78.1	<0.002	<0.01	3.84	13.0	1	1.3	318	0.69	<0.05	13.4	0.306	0.73	1.5
N815002		18.8	90.1	<0.002	<0.01	3.54	13.7	1	1.4	307	0.76	<0.05	15.6	0.306	0.82	1.9
N815003		28.7	92.2	<0.002	<0.01	5.78	12.8	1	1.5	260	0.76	<0.05	12.9	0.309	0.87	2.1
N815004		283	101.5	0.002	0.01	18.80	12.6	2	1.5	202	0.78	<0.05	12.4	0.333	1.09	2.7
N815005		63.2	94.3	<0.002	0.01	13.95	12.0	1	1.5	229	0.74	<0.05	12.8	0.321	1.03	2.2
N815006		43.7	93.7	<0.002	<0.01	6.49	11.8	1	1.4	260	0.75	<0.05	11.7	0.316	1.00	2.0
N815007		16.6	88.5	<0.002	<0.01	3.55	15.2	2	1.6	306	0.73	<0.05	12.6	0.339	0.90	1.9
N815008		46.2	95.7	<0.002	0.01	8.83	13.7	2	1.8	274	0.73	0.09	11.8	0.337	1.02	2.1
N815009		60.1	93.6	<0.002	0.01	10.15	13.2	2	1.7	285	0.72	0.08	11.2	0.331	1.00	2.0
N815010		62.3	90.1	<0.002	0.03	7.87	13.6	2	1.7	329	0.73	0.09	11.5	0.351	0.93	2.0
N815011		28.1	78.1	<0.002	0.01	3.88	12.1	2	1.5	334	0.76	<0.05	12.2	0.323	0.77	1.9
N815012		22.4	84.5	<0.002	<0.01	4.30	12.6	1	1.3	289	0.69	<0.05	12.7	0.304	1.03	1.8
N815013		20.5	77.8	<0.002	<0.01	1.54	13.0	2	1.5	377	0.77	<0.05	13.1	0.317	0.80	1.6
N815014		4010	171.0	0.002	0.62	68.8	15.4	5	22.2	391	0.78	0.29	7.3	0.473	2.14	3.8
N815015		24.3	95.2	<0.002	<0.01	3.14	12.8	2	1.7	349	0.69	<0.05	12.8	0.318	0.87	1.7
N815016		17.3	83.7	<0.002	<0.01	2.92	12.6	1	1.6	364	0.81	<0.05	12.4	0.314	0.82	1.5
N815017		15.4	102.5	<0.002	<0.01	7.99	13.1	3	1.8	181.0	0.78	<0.05	13.1	0.318	0.90	2.0
N815018		22.7	98.5	<0.002	<0.01	3.35	11.5	3	1.8	314	0.81	<0.05	16.2	0.287	0.87	1.9
N815019		83.8	114.5	<0.002	<0.01	12.00	9.2	1	1.7	190.5	0.87	0.18	20.6	0.236	1.26	2.3
N815020		161.0	157.0	<0.002	<0.01	11.45	9.0	2	3.3	73.2	0.82	0.08	18.7	0.227	2.08	2.6
N815021		222	119.0	<0.002	<0.01	7.58	7.5	1	1.5	95.5	1.00	<0.05	19.6	0.185	1.39	2.6
N815022		16.7	134.0	0.002	<0.01	8.46	8.6	1	1.2	58.4	1.00	<0.05	19.2	0.218	1.53	2.6
N815023		17.2	120.5	<0.002	<0.01	9.57	8.2	1	1.3	73.7	0.78	0.07	19.8	0.188	1.24	2.4
N815024		18.3	109.0	<0.002	<0.01	8.01	8.0	1	1.0	120.0	0.89	<0.05	19.7	0.190	0.94	2.0
N815025		13.0	113.0	<0.002	<0.01	12.15	7.8	1	1.1	91.9	0.84	0.05	18.6	0.200	0.88	1.8
N815026		51.5	107.0	<0.002	<0.01	6.85	10.7	1	1.5	182.0	0.88	0.05	19.1	0.235	0.90	1.8
N815027		116.0	116.0	<0.002	<0.01	9.06	13.3	2	2.2	196.0	0.84	0.22	15.6	0.271	1.43	1.9
N815028		122.5	99.0	<0.002	<0.01	10.65	13.1	1	1.5	177.5	0.81	<0.05	16.4	0.279	1.00	1.5
N815029		>10000	137.0	<0.002	0.05	42.8	13.8	2	2.0	97.8	0.83	0.14	15.9	0.278	1.51	2.6
N815030		52.3	98.7	<0.002	<0.01	7.57	13.1	1	1.5	134.5	0.89	<0.05	15.0	0.287	0.96	1.6
N815031		131.0	181.5	<0.002	0.01	13.45	16.1	2	5.3	210	1.00	0.24	21.6	0.333	2.18	2.9
N815032		61.2	113.5	<0.002	<0.01	9.22	21.8	2	3.1	326	0.80	0.11	12.0	0.389	1.49	2.6
N815033		29.1	98.7	<0.002	<0.01	10.40	13.5	2	1.8	153.5	0.84	<0.05	13.4	0.298	1.03	2.0
N815034		2.0	2.6	<0.002	0.01	0.06	0.4	1	0.2	53.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N815035		35.0	150.5	<0.002	<0.01	15.50	15.2	2	1.8	139.0	0.93	<0.05	15.6	0.331	1.70	2.5
N815036		35.2	118.5	<0.002	<0.01	11.60	14.4	2	1.6	164.0	0.91	<0.05	16.0	0.313	0.99	1.7





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Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12174433**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
N815001		96	4.7	11.3	144	14.4	
N815002		97	2.5	12.6	128	16.1	
N815003		97	3.9	13.4	168	15.1	
N815004		99	3.8	16.1	345	20.1	
N815005		99	3.0	16.4	221	21.1	
N815006		95	2.5	14.2	143	21.0	
N815007		109	3.0	15.6	85	17.5	
N815008		103	3.3	16.4	111	26.7	
N815009		102	3.3	15.6	129	29.7	
N815010		109	4.7	16.1	131	30.8	
N815011		99	5.8	14.7	84	25.1	
N815012		98	6.0	14.0	69	10.3	
N815013		101	4.7	16.7	93	11.7	
N815014		149	4.1	19.7	2560	67.2	
N815015		98	20.8	13.2	110	11.8	
N815016		96	19.2	12.2	98	13.1	
N815017		101	25.6	14.1	80	13.6	
N815018		86	41.2	15.4	140	20.2	
N815019		69	27.0	13.8	240	23.3	
N815020		69	9.0	16.6	320	29.6	
N815021		52	9.5	14.1	284	24.8	
N815022		64	9.4	16.5	175	23.8	
N815023		55	9.6	13.9	149	22.5	
N815024		52	8.1	11.9	130	25.2	
N815025		55	10.6	9.7	134	24.3	
N815026		71	13.9	13.0	190	22.5	
N815027		88	17.9	17.5	415	20.5	
N815028		86	15.9	13.8	581	15.9	
N815029		88	10.9	18.9	780	16.8	1.285
N815030		88	8.9	14.6	356	16.6	
N815031		114	14.3	19.6	526	22.2	
N815032		147	11.6	18.8	396	60.4	
N815033		91	9.2	13.9	257	21.9	
N815034		2	0.1	0.9	16	0.6	
N815035		106	17.0	18.7	336	35.6	
N815036		98	18.6	14.2	288	16.9	



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**CERTIFICATE OF ANALYSIS WH12174433**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12174481**

Project: Klaza - 87/84

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
EXTRA-01	Extra Sample received in Shipment
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12174481**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N810255		5.09	<0.005	0.02	7.05	6.4	2120	1.61	0.13	2.95	0.10	39.6	8.3	13	18.20	5.0
N810256		0.22	2.28	25.9	6.05	2960	1430	1.63	17.10	2.23	83.2	44.4	11.5	20	15.55	448
N810257		2.47	<0.005	0.15	7.30	9.8	2030	1.72	0.23	3.01	0.16	40.1	8.9	11	20.1	4.8
N810258		3.45	<0.005	0.21	6.75	10.8	1700	1.67	0.46	2.93	0.20	38.7	8.4	12	22.3	5.9
N810259		3.28	<0.005	0.02	0.08	<5	20	0.05	0.03	20.2	0.08	1.22	0.6	2	0.26	1.6
N810260		3.46	<0.005	0.09	7.32	7.6	1430	1.84	0.14	2.64	0.11	47.7	8.5	9	20.0	3.6
N810261		<0.02	<0.005	0.11	7.12	6.6	1400	1.87	0.15	2.71	0.11	44.0	8.9	10	20.5	3.8
N810262		2.42	<0.005	0.17	7.20	19.6	1750	1.83	0.14	3.42	0.29	48.6	8.3	9	17.10	9.0
N810263		4.54	0.052	0.89	6.54	57.8	1090	1.47	2.10	2.74	1.97	43.7	10.1	9	17.05	5.6
N810264		2.92	<0.005	0.16	7.14	9.9	1250	1.68	0.31	2.44	0.27	46.4	7.1	9	18.80	24.1
N810265		2.62	<0.005	0.11	7.13	5.2	1820	1.80	0.51	3.37	0.09	36.1	9.4	11	19.50	14.6
N810266		1.78	<0.005	0.04	7.05	7.5	1800	1.63	0.21	3.07	0.09	37.8	8.4	11	15.65	4.9
N810267		7.64	<0.005	0.15	7.71	10.1	2310	1.71	0.14	2.70	0.14	49.1	8.9	13	7.82	16.1
N810268		12.35	<0.005	0.14	7.40	7.8	2110	1.66	0.22	2.36	0.35	50.3	7.3	11	7.01	11.1
N810269		2.88	<0.005	0.08	7.39	6.3	2210	1.79	0.13	2.38	0.21	50.5	7.8	13	6.69	9.8
N810270		6.42	0.009	0.19	7.62	13.2	2130	1.68	0.48	2.33	0.45	48.5	7.8	12	6.86	12.4
N810271		11.92	<0.005	0.11	7.37	7.0	2170	1.82	0.20	2.57	0.21	45.7	8.0	12	5.03	13.7
N810272		0.21	0.744	10.05	6.85	1640	1120	1.70	5.80	1.94	44.7	46.7	17.1	22	17.60	113.0
N810273		11.90	0.007	0.21	7.42	16.0	2130	1.74	0.39	2.61	0.34	49.7	6.6	11	8.56	8.1
N810274		6.70	0.011	0.29	7.35	9.6	1890	1.56	0.46	2.72	0.30	47.7	7.4	11	9.98	13.4
N810275		6.25	<0.005	0.08	7.75	4.4	2120	1.83	0.07	2.76	0.15	49.4	8.4	17	5.82	10.4
N810276		3.59	<0.005	0.06	7.75	3.8	2140	1.91	0.07	2.74	0.13	48.1	7.3	13	5.34	8.6
N810277		8.41	0.011	0.25	7.32	11.6	2100	1.64	0.37	2.75	2.00	48.9	6.7	12	6.27	14.6
N810278		12.32	<0.005	0.09	7.39	6.3	2200	1.74	0.11	2.74	0.24	46.9	6.9	12	4.27	9.4
N810279		9.04	0.006	0.10	7.11	6.8	1570	1.42	0.33	2.50	0.24	41.9	5.8	11	3.75	7.1
N810280		11.55	<0.005	0.05	7.96	5.7	2320	1.67	0.08	2.82	0.11	52.5	7.1	12	3.74	7.1
N810281		9.94	0.006	0.12	7.68	7.4	2240	1.63	0.13	2.72	0.47	53.8	7.9	10	6.13	11.5
N810282		9.26	<0.005	0.11	7.74	9.4	2230	1.77	0.11	2.71	0.11	51.9	8.9	11	5.25	7.9
N810283		4.49	<0.005	0.14	7.61	6.9	2240	1.53	0.11	2.76	0.93	51.1	7.3	10	5.90	8.3
N810284		4.75	<0.005	0.12	7.73	5.9	2270	1.67	0.16	2.76	0.09	55.7	8.0	14	5.03	15.5
N810285		6.62	<0.005	0.17	6.98	10.0	1950	1.48	0.18	2.90	0.17	50.4	7.6	10	9.02	7.7
N810286		6.38	0.010	0.46	7.61	15.6	1990	1.71	0.67	2.73	0.35	49.9	7.6	10	10.35	9.6
N810287		5.62	<0.005	0.15	7.64	6.6	1970	1.72	0.23	2.73	0.08	49.2	7.0	10	8.76	9.9
N810288		3.05	<0.005	0.03	0.09	8	40	0.09	0.03	21.1	0.08	1.43	0.6	1	0.16	1.3
N810289		7.17	<0.005	0.09	7.55	6.7	2240	1.73	0.14	2.81	0.09	47.8	7.5	11	6.14	10.5
N813667		4.23	0.277	1.25	7.39	169.0	1720	1.58	0.49	2.84	7.20	51.5	3.6	7	15.95	21.9



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Project: Klaza - 87/84

**CERTIFICATE OF ANALYSIS WH12174481**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810255		2.99	17.05	0.11	1.2	0.039	2.64	19.5	11.8	0.76	669	1.45	1.95	8.1	3.1	600
N810256		6.65	15.75	0.16	0.9	1.755	2.61	24.6	24.3	0.91	1910	13.45	0.04	6.3	16.8	460
N810257		3.07	17.30	0.14	1.2	0.038	2.64	19.9	40.8	0.80	760	0.58	1.73	8.3	3.3	610
N810258		2.97	16.55	0.17	1.2	0.047	2.91	19.5	38.2	0.92	1230	0.58	0.27	7.9	2.8	580
N810259		0.47	0.21	0.08	<0.1	0.007	0.03	0.6	1.3	12.40	214	0.32	0.01	0.1	1.7	160
N810260		3.30	16.60	0.15	1.3	0.040	3.11	24.3	22.0	0.83	1140	2.19	0.21	7.8	2.7	610
N810261		3.29	17.10	0.21	1.1	0.036	3.06	21.9	22.6	0.86	1130	0.87	0.21	8.3	2.9	610
N810262		2.96	17.35	0.18	1.2	0.051	2.29	23.6	85.7	0.98	1700	0.47	0.03	8.5	3.0	620
N810263		3.80	14.60	0.14	1.0	0.114	2.89	24.3	10.9	0.95	3220	2.91	0.08	6.7	3.1	490
N810264		3.16	15.65	0.15	1.0	0.063	2.84	24.9	21.7	0.82	1680	0.32	0.49	7.3	2.6	600
N810265		3.43	17.60	0.14	1.2	0.054	2.56	17.2	12.8	0.75	887	0.55	1.89	8.6	3.1	690
N810266		2.94	17.00	0.10	1.2	0.039	2.55	17.9	40.7	0.71	904	0.94	1.44	7.9	2.8	630
N810267		2.94	17.30	0.15	1.2	0.060	2.72	25.3	12.4	0.81	572	1.66	2.27	8.6	3.2	620
N810268		2.79	16.85	0.14	1.1	0.069	2.62	24.1	9.9	0.72	787	1.57	1.93	8.1	3.0	590
N810269		2.78	16.90	0.15	1.2	0.060	2.76	26.1	11.3	0.72	671	1.11	2.08	8.6	3.1	580
N810270		3.00	16.85	0.14	1.1	0.059	2.75	25.2	9.5	0.77	883	1.58	2.03	8.3	3.0	600
N810271		2.94	17.25	0.14	1.2	0.054	2.58	22.7	9.8	0.81	688	1.56	2.25	8.7	3.2	610
N810272		5.46	15.95	0.15	1.3	0.942	2.86	24.2	25.2	0.71	2050	12.55	0.27	8.2	16.8	510
N810273		2.96	17.05	0.17	1.0	0.052	2.69	24.9	10.3	0.69	795	2.92	2.02	8.5	3.1	600
N810274		2.73	16.70	0.14	1.0	0.066	2.36	24.6	10.0	0.65	896	0.89	2.03	7.6	3.1	590
N810275		3.02	18.55	0.16	1.0	0.039	2.57	24.0	10.7	0.88	612	2.23	2.43	9.5	7.4	630
N810276		2.96	18.10	0.12	1.0	0.048	2.53	24.4	10.4	0.83	595	1.89	2.43	8.6	3.3	630
N810277		3.18	16.15	0.06	1.0	0.088	2.66	24.4	9.3	0.78	840	0.98	2.09	7.9	4.1	600
N810278		3.09	16.75	0.07	1.1	0.064	2.57	21.4	9.9	0.86	727	1.55	2.48	8.2	3.5	630
N810279		2.49	15.65	0.07	1.0	0.065	1.71	19.7	9.2	0.80	599	1.04	2.91	7.6	3.0	570
N810280		3.13	16.75	0.10	1.1	0.047	2.64	26.8	9.2	0.94	681	1.18	2.54	8.2	3.2	650
N810281		3.04	17.60	0.08	1.3	0.043	2.65	27.9	11.6	0.91	800	1.71	2.31	8.8	3.0	620
N810282		3.06	17.60	0.08	1.2	0.038	2.63	26.1	10.3	0.88	703	1.54	2.35	8.5	3.3	630
N810283		3.02	17.05	0.10	1.0	0.050	2.64	25.5	9.9	0.85	736	0.73	2.23	8.2	3.9	610
N810284		3.18	17.55	0.08	1.2	0.051	2.61	27.8	10.0	0.93	728	1.20	2.44	8.9	3.5	650
N810285		2.73	16.10	0.06	1.1	0.072	2.40	23.5	11.6	0.70	785	1.20	2.17	8.0	3.2	580
N810286		2.94	16.80	0.11	1.3	0.062	2.59	24.2	11.3	0.67	761	1.69	1.92	8.3	3.2	610
N810287		2.74	17.45	0.11	1.2	0.056	2.50	25.1	11.1	0.69	594	1.33	2.16	8.5	3.0	610
N810288		0.50	0.22	<0.05	<0.1	0.006	0.03	0.7	1.0	12.85	230	0.14	0.01	0.1	1.8	170
N810289		2.97	16.90	0.08	1.3	0.045	2.73	22.9	10.6	0.80	597	2.17	2.45	9.1	3.2	610
N813667		2.82	15.85	0.08	1.1	0.185	2.36	23.1	156.5	0.97	1200	1.51	0.05	7.2	2.8	570



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Project: Klaza - 87/84

**CERTIFICATE OF ANALYSIS WH12174481**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810255		17.0	97.0	0.002	0.01	21.2	10.1	1	1.4	386	0.65	<0.05	10.1	0.274	1.10	2.7
N810256		2770	164.0	0.004	4.87	94.1	8.7	1	8.2	98.8	0.50	0.46	10.9	0.184	2.48	5.3
N810257		21.8	93.6	0.006	0.03	15.70	10.8	1	1.5	375	0.67	<0.05	10.9	0.280	1.27	3.5
N810258		14.6	107.0	0.003	0.13	16.95	10.9	1	1.6	202	0.70	<0.05	10.9	0.271	1.97	5.5
N810259		1.9	1.4	0.003	0.01	1.67	0.2	<1	<0.2	51.5	<0.05	<0.05	<0.2	<0.005	0.02	0.8
N810260		11.9	126.0	<0.002	0.08	16.25	10.5	1	1.6	175.0	0.70	<0.05	12.4	0.280	2.15	4.8
N810261		12.3	123.0	0.003	0.07	18.80	10.9	<1	1.6	175.0	0.68	<0.05	11.1	0.274	2.16	4.6
N810262		18.5	86.1	<0.002	0.19	23.3	11.2	1	1.5	196.0	0.72	<0.05	12.4	0.275	1.81	4.7
N810263		119.5	145.0	0.005	1.38	23.0	9.8	<1	1.3	104.0	0.57	<0.05	12.8	0.225	2.10	8.9
N810264		16.5	141.5	<0.002	0.08	16.50	11.6	<1	1.5	154.5	0.63	<0.05	12.8	0.272	1.89	4.2
N810265		21.4	80.0	0.003	0.01	9.07	12.1	1	1.7	377	0.70	<0.05	9.8	0.313	1.26	3.5
N810266		18.6	81.8	0.004	0.03	6.00	10.3	1	1.5	345	0.73	<0.05	10.2	0.284	1.33	3.6
N810267		16.7	112.0	0.004	0.07	5.05	10.6	1	1.7	368	0.74	<0.05	14.4	0.268	1.23	4.0
N810268		18.6	105.5	0.004	0.05	6.10	9.7	1	1.7	314	0.72	<0.05	13.5	0.248	1.35	2.7
N810269		17.6	109.5	0.003	0.03	5.93	9.6	1	1.7	337	0.78	<0.05	14.6	0.249	1.29	3.0
N810270		20.4	107.5	0.003	0.13	3.66	9.7	1	1.5	325	0.79	<0.05	14.9	0.255	1.34	3.5
N810271		18.4	96.3	0.005	0.07	3.96	10.1	1	1.4	384	0.78	<0.05	12.3	0.263	1.15	3.4
N810272		1355	171.0	0.004	3.17	34.9	9.2	1	6.0	155.0	0.69	0.30	12.9	0.214	2.67	5.5
N810273		22.0	99.8	0.004	0.25	3.84	10.3	1	1.6	335	0.79	<0.05	13.6	0.256	1.28	3.2
N810274		20.8	91.4	0.003	0.20	4.56	10.2	1	3.1	304	0.64	0.05	13.1	0.250	1.03	3.5
N810275		18.6	97.7	0.003	0.02	2.40	11.7	<1	1.9	394	0.77	<0.05	13.3	0.274	0.90	3.9
N810276		18.2	93.1	0.003	0.01	3.20	10.4	1	1.7	397	0.76	<0.05	13.6	0.264	0.90	3.8
N810277		65.0	92.7	<0.002	0.35	3.04	10.1	2	1.7	333	0.67	<0.05	11.5	0.253	1.16	3.6
N810278		16.1	83.1	0.002	0.03	3.77	10.4	1	1.8	386	0.70	<0.05	11.6	0.279	1.04	2.8
N810279		22.0	56.7	<0.002	0.02	2.34	9.5	1	3.0	371	0.64	<0.05	12.5	0.256	0.70	2.7
N810280		18.0	88.7	<0.002	0.01	2.84	11.0	2	1.7	423	0.73	<0.05	14.2	0.279	0.92	3.9
N810281		36.8	99.8	<0.002	0.06	1.93	11.4	2	1.6	383	0.74	<0.05	13.1	0.268	1.00	3.1
N810282		18.5	96.5	<0.002	0.04	2.90	11.5	2	1.7	391	0.68	<0.05	12.8	0.270	0.97	4.0
N810283		51.7	94.6	<0.002	0.08	2.20	11.1	2	1.6	377	0.61	<0.05	12.0	0.266	1.02	3.6
N810284		16.6	92.8	<0.002	0.04	2.46	12.4	1	1.7	401	0.72	<0.05	13.6	0.282	0.99	4.3
N810285		19.2	75.2	<0.002	0.10	3.15	9.8	2	1.8	314	0.63	<0.05	11.1	0.252	1.03	3.1
N810286		38.6	89.0	0.002	0.25	4.00	10.5	3	2.3	334	0.70	<0.05	13.4	0.261	1.20	3.8
N810287		21.0	95.2	<0.002	0.08	3.14	10.8	2	2.5	359	0.72	<0.05	13.9	0.261	1.03	4.0
N810288		1.5	1.2	<0.002	0.01	0.23	0.2	2	<0.2	50.4	<0.05	<0.05	0.2	<0.005	0.02	0.8
N810289		18.2	93.4	<0.002	0.04	3.03	10.4	2	1.8	402	0.89	<0.05	12.3	0.269	1.06	4.3
N813667		295	121.5	0.002	0.73	27.4	10.1	3	3.6	170.0	0.62	<0.05	13.4	0.230	1.92	3.5



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**CERTIFICATE OF ANALYSIS WH12174481**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N810255		77	1.5	13.7	49	31.4
N810256		58	5.2	10.5	5220	27.3
N810257		78	1.7	14.6	60	33.5
N810258		82	1.4	13.1	56	30.4
N810259		1	0.1	0.8	17	<0.5
N810260		78	1.3	13.5	67	32.7
N810261		77	1.2	13.5	65	31.5
N810262		79	3.3	15.4	69	31.8
N810263		64	1.8	13.0	207	25.7
N810264		79	1.5	14.2	86	27.0
N810265		97	2.9	14.6	65	32.8
N810266		81	1.8	13.7	49	27.7
N810267		73	1.6	17.6	53	30.3
N810268		68	1.7	15.4	99	26.0
N810269		68	2.0	16.0	70	29.6
N810270		69	2.6	15.2	152	27.4
N810271		72	2.9	16.3	83	28.2
N810272		59	6.0	12.2	3090	43.8
N810273		70	1.2	16.2	91	26.0
N810274		68	1.2	15.3	79	24.1
N810275		73	0.6	18.9	48	27.4
N810276		72	0.5	17.5	44	25.6
N810277		69	1.0	15.1	259	23.2
N810278		75	0.9	15.7	66	24.7
N810279		66	1.0	14.2	76	23.0
N810280		76	0.6	17.5	48	25.3
N810281		72	1.2	17.8	89	28.7
N810282		73	1.1	18.0	51	29.2
N810283		72	0.8	16.7	128	24.8
N810284		79	0.7	19.2	45	26.5
N810285		68	1.4	14.1	64	25.4
N810286		70	1.2	15.9	71	29.7
N810287		71	1.1	16.3	48	29.5
N810288		1	0.1	0.9	18	<0.5
N810289		72	2.0	16.3	45	28.7
N813667		72	4.3	12.8	459	32.0



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Project: Klaza - 87/84

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**CERTIFICATE OF ANALYSIS WH12174481**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12174482**

Project: Klaza - 88

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12174482**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810592		4.19	<0.005	0.11	6.96	10.6	1680	1.27	0.21	3.37	0.16	37.9	8.6	10	13.55	24.3
N810593		4.14	<0.005	0.09	6.77	8.5	1740	1.21	0.16	3.76	0.10	38.4	8.4	10	10.40	26.8
N810594		7.61	0.005	0.12	6.78	23.5	1140	1.60	0.21	3.27	0.27	43.7	8.9	9	21.6	13.4
N810595		3.95	0.006	0.09	7.39	14.5	1490	1.72	0.16	2.18	0.14	36.6	10.5	11	19.65	30.5
N810596		2.50	<0.005	0.08	7.25	13.4	1290	1.65	0.13	2.03	0.13	50.1	9.2	10	30.7	17.0
N810597		7.74	<0.005	0.12	7.23	15.0	1550	1.83	0.14	3.12	0.20	47.6	9.5	10	33.2	18.1
N810598		3.22	<0.005	0.13	6.93	9.7	2000	1.83	0.14	2.96	0.11	38.4	9.1	12	21.2	13.9
N810599		7.99	<0.005	0.07	7.58	9.3	2130	2.00	0.23	2.66	0.10	45.3	10.0	13	19.55	12.8
N810600		2.74	<0.005	0.09	7.49	14.9	2120	2.05	0.16	2.70	0.10	41.1	8.9	11	19.35	8.5
N810601		7.46	<0.005	0.09	7.66	8.9	1850	1.95	0.16	2.57	0.10	52.8	9.7	12	23.2	13.0
N810602		<0.02	<0.005	0.07	7.55	10.1	1840	1.97	0.15	2.56	0.09	50.3	9.7	11	23.5	12.2
N810603		3.61	0.008	0.13	7.25	18.3	1130	1.79	0.33	2.31	0.16	47.3	9.8	11	21.5	18.8
N810604		5.49	<0.005	0.07	7.48	4.2	2050	1.80	0.07	2.30	0.08	49.7	8.4	10	11.80	9.7
N810605		6.17	<0.005	0.06	7.25	5.5	2090	1.98	0.06	2.61	0.12	35.6	8.9	13	9.41	5.9
N810606		2.59	0.007	0.22	7.00	18.3	1560	1.97	0.27	2.92	0.30	40.0	9.0	11	16.65	5.4
N810607		0.26	4.32	>100	5.27	8260	110	1.64	58.6	1.92	223	31.0	10.5	18	11.50	1245
N810608		3.80	<0.005	0.11	7.58	5.4	2210	1.89	0.13	2.87	0.17	44.9	9.3	14	7.98	5.2
N810609		5.22	<0.005	0.08	7.09	4.8	2250	1.80	0.12	2.49	0.11	34.7	8.2	20	13.00	5.3
N810610		2.98	<0.005	0.08	7.14	6.9	1970	1.87	0.07	2.64	0.12	35.2	8.3	12	18.00	6.1
N810611		2.80	0.005	0.09	7.13	36.3	1870	1.97	0.06	3.14	0.26	38.5	8.7	10	14.75	6.4
N810612		2.78	<0.005	0.01	0.20	<5	40	0.17	0.02	21.2	0.06	1.56	1.7	7	1.27	2.1
N810613		4.11	<0.005	0.07	7.54	4.8	2260	1.79	0.06	2.94	0.09	42.0	8.5	16	9.87	6.7
N810614		8.12	<0.005	0.06	6.74	4.4	1950	1.42	0.07	3.36	0.11	37.0	8.4	10	9.50	8.5
N810615		0.36	2.42	26.2	5.76	2810	900	1.13	19.85	2.15	77.5	44.1	10.6	20	14.85	423
N810616		4.37	<0.005	0.11	7.05	7.7	1830	1.46	0.11	2.87	0.17	41.7	9.1	9	13.45	10.2
N810617		5.66	<0.005	0.08	7.70	4.6	2100	1.44	0.09	2.96	0.12	46.1	8.5	10	16.30	5.3
N810618		2.69	0.005	0.52	6.95	24.5	980	1.30	0.10	4.04	7.43	46.3	8.1	9	23.7	20.8
N810619		4.44	<0.005	0.11	7.65	12.0	1820	1.47	0.12	2.57	0.27	44.7	8.5	10	21.3	4.7
N810620		3.17	0.006	0.31	7.60	38.1	1790	1.28	0.30	3.07	1.83	46.2	8.5	11	16.65	8.8
N810621		2.60	<0.005	0.01	0.10	6	30	0.08	0.02	21.6	0.09	1.57	1.9	1	0.51	2.2
N810622		2.48	<0.005	0.21	7.30	18.2	1990	1.15	0.57	3.13	0.16	40.9	8.9	10	12.15	30.3
N810623		2.74	0.005	0.30	7.79	15.4	2050	1.25	0.95	2.78	0.14	47.2	9.1	13	8.90	27.6
N810624		3.59	<0.005	0.08	7.94	5.0	2110	1.34	0.14	2.84	0.12	47.1	8.5	10	11.70	12.8
N810625		5.78	<0.005	0.10	7.26	7.4	2070	1.39	0.23	2.67	0.16	47.2	8.4	13	8.83	8.6
N810626		4.09	0.035	0.36	7.48	27.7	2020	1.25	0.63	2.68	0.17	48.7	9.9	11	10.60	135.0
N810627		6.67	<0.005	0.05	7.72	5.4	2190	1.49	0.13	2.67	0.11	52.9	8.3	13	8.47	5.4



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810592		2.95	16.45	0.16	1.3	0.038	2.42	18.8	48.2	0.75	737	1.27	0.33	8.5	2.7	610
N810593		2.84	16.10	0.16	1.2	0.033	2.37	18.8	41.1	0.67	678	1.02	0.37	8.0	2.6	560
N810594		2.69	15.65	0.16	1.1	0.032	2.22	22.7	122.0	1.07	787	2.83	0.05	7.3	2.5	540
N810595		3.22	17.60	0.17	1.3	0.036	2.53	17.7	74.1	0.88	642	2.74	0.15	8.5	3.0	600
N810596		3.19	17.55	0.17	1.4	0.040	2.43	24.8	53.2	0.75	734	11.05	0.11	9.0	3.1	670
N810597		3.40	18.10	0.16	1.2	0.040	2.53	23.2	68.8	0.79	805	1.26	0.37	8.9	3.2	650
N810598		3.07	16.90	0.19	1.3	0.032	2.52	18.1	31.1	0.74	656	1.44	1.63	8.1	2.9	560
N810599		3.32	18.20	0.19	1.3	0.038	2.62	21.5	23.6	0.75	682	6.15	2.08	8.8	3.2	640
N810600		3.26	18.10	0.18	1.3	0.038	2.70	19.8	20.5	0.78	679	4.68	2.12	8.3	3.2	600
N810601		3.62	18.65	0.15	1.5	0.041	2.60	25.8	37.3	0.81	614	0.79	1.65	9.4	3.5	690
N810602		3.59	19.10	0.18	1.5	0.041	2.63	24.8	39.2	0.80	616	0.78	1.61	9.4	3.4	690
N810603		3.27	17.55	0.18	1.4	0.041	2.22	23.9	122.5	0.83	802	1.64	0.41	8.5	3.1	630
N810604		3.05	17.45	0.17	1.3	0.036	2.64	24.9	27.7	0.72	547	0.76	1.62	8.6	2.8	580
N810605		2.95	17.55	0.16	1.3	0.031	2.55	17.5	25.2	0.76	642	1.49	2.05	8.9	3.1	580
N810606		2.81	17.45	0.18	1.3	0.037	2.80	19.7	29.5	0.80	1140	3.85	0.69	8.3	2.7	570
N810607		8.09	14.05	0.23	1.0	4.55	2.19	15.8	38.1	0.61	3000	16.05	0.08	6.0	14.7	440
N810608		3.30	17.85	0.16	1.4	0.036	2.50	21.3	21.0	0.90	731	1.36	2.24	8.8	3.1	630
N810609		2.82	17.00	0.15	1.3	0.034	2.50	16.5	25.8	0.65	634	1.88	1.45	7.9	2.8	570
N810610		2.81	17.20	0.14	1.3	0.034	2.50	17.5	29.3	0.60	724	3.39	1.06	8.0	2.9	600
N810611		2.78	17.10	0.17	1.2	0.039	2.56	18.5	21.7	0.73	1000	2.56	1.52	8.2	2.7	580
N810612		0.48	0.71	0.05	<0.1	<0.005	0.10	0.7	2.8	12.75	214	0.21	0.01	1.0	1.3	180
N810613		3.08	17.40	0.13	1.3	0.030	2.51	19.7	22.5	0.88	833	5.55	2.22	8.3	2.5	580
N810614		3.04	16.10	0.19	1.3	0.042	2.37	19.2	17.5	0.83	858	2.38	1.95	8.1	2.9	560
N810615		6.50	13.90	0.24	0.9	1.850	2.51	26.0	22.6	0.89	1800	13.35	0.04	6.3	16.7	420
N810616		3.25	16.70	0.22	1.3	0.048	2.41	21.9	19.3	0.83	736	1.26	1.81	9.1	3.1	650
N810617		3.14	16.80	0.22	1.3	0.041	2.63	25.3	16.1	0.75	653	1.80	2.15	8.6	3.1	640
N810618		2.78	15.40	0.21	1.1	0.094	2.63	25.6	41.1	0.92	1880	4.24	0.51	7.6	2.7	580
N810619		3.44	16.35	0.21	1.2	0.043	2.62	24.5	33.3	0.81	674	6.15	1.20	8.4	3.0	650
N810620		3.56	16.10	0.23	1.2	0.190	3.42	25.8	18.6	0.87	2130	5.64	1.06	8.1	3.6	630
N810621		0.51	0.50	0.20	<0.1	0.006	0.04	0.8	1.1	13.45	222	0.20	0.01	0.6	2.3	190
N810622		3.17	15.65	0.20	1.1	0.068	2.90	22.3	15.9	0.85	1110	0.70	1.58	7.7	2.7	600
N810623		3.30	16.35	0.24	1.3	0.057	2.90	26.5	12.1	0.85	815	0.95	1.97	8.2	3.2	620
N810624		3.26	16.45	0.25	1.1	0.039	2.71	26.9	20.1	1.09	684	2.82	1.94	8.1	3.0	620
N810625		3.17	16.40	0.23	1.3	0.043	2.50	25.7	16.6	0.92	678	4.40	2.27	8.5	3.3	610
N810626		3.48	16.80	0.25	1.2	0.128	3.13	27.9	12.9	0.81	1280	32.1	1.40	8.5	2.8	610
N810627		3.24	17.10	0.23	1.4	0.041	2.60	27.4	18.7	1.01	687	8.09	2.31	8.7	3.3	630



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**CERTIFICATE OF ANALYSIS WH12174482**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810592		23.7	78.9	<0.002	0.07	28.1	11.6	1	3.9	185.5	0.64	<0.05	11.1	0.268	1.10	3.6
N810593		17.7	76.0	<0.002	0.06	17.10	11.2	1	4.2	212	0.59	<0.05	10.8	0.250	1.08	3.5
N810594		18.0	82.0	<0.002	0.23	20.0	11.8	1	2.4	153.5	0.56	<0.05	11.9	0.236	1.51	4.8
N810595		16.1	83.8	<0.002	0.11	9.84	12.3	1	4.8	153.5	0.64	<0.05	11.7	0.272	1.36	3.2
N810596		12.4	86.0	0.002	0.11	15.50	13.6	1	2.9	134.5	0.66	<0.05	12.0	0.294	1.31	3.8
N810597		17.6	90.3	<0.002	0.10	12.75	14.4	1	3.1	209	0.64	<0.05	11.6	0.294	1.36	4.2
N810598		15.4	91.1	<0.002	0.06	5.97	11.7	1	1.7	342	0.58	<0.05	10.2	0.254	1.08	3.3
N810599		16.8	104.0	<0.002	0.06	3.88	12.8	1	2.3	399	0.66	<0.05	12.0	0.271	1.14	3.9
N810600		17.8	108.0	0.002	0.09	2.99	12.3	2	1.9	400	0.61	<0.05	10.9	0.267	1.19	3.8
N810601		16.1	101.5	<0.002	0.05	6.12	13.8	2	2.6	349	0.67	<0.05	11.3	0.305	1.22	4.6
N810602		16.5	100.5	<0.002	0.05	6.39	14.0	2	2.4	343	0.68	<0.05	11.1	0.309	1.23	4.3
N810603		14.1	93.6	<0.002	0.29	16.50	13.3	2	2.8	217	0.62	<0.05	11.9	0.275	1.50	4.8
N810604		17.2	105.5	<0.002	0.02	4.53	12.7	1	2.0	333	0.65	<0.05	13.6	0.262	1.03	3.3
N810605		18.0	89.7	<0.002	0.02	3.39	11.9	1	1.6	392	0.69	<0.05	11.0	0.259	0.96	3.6
N810606		44.6	104.5	<0.002	0.43	7.29	11.8	1	1.6	314	0.63	<0.05	10.8	0.256	1.56	4.8
N810607		9340	134.5	0.002	7.03	212	8.3	3	8.6	122.5	0.41	0.47	8.2	0.176	2.08	5.3
N810608		18.3	87.2	<0.002	0.03	1.52	12.7	1	1.6	426	0.66	<0.05	11.9	0.278	0.94	3.9
N810609		16.0	84.7	<0.002	0.04	5.53	11.3	2	1.5	326	0.61	<0.05	10.4	0.254	0.98	3.7
N810610		15.8	86.2	<0.002	0.04	7.96	11.3	1	1.5	293	0.61	<0.05	10.2	0.264	1.04	3.8
N810611		18.4	105.0	<0.002	0.07	4.81	12.1	2	1.5	348	0.65	<0.05	11.0	0.253	1.28	4.2
N810612		1.4	7.1	<0.002	<0.01	0.11	0.7	1	0.2	43.0	0.06	<0.05	0.2	0.007	0.04	0.5
N810613		14.7	97.8	<0.002	0.02	1.36	11.7	1	1.9	447	0.68	<0.05	11.3	0.262	0.92	3.8
N810614		15.7	72.0	<0.002	0.03	2.60	11.7	1	2.4	431	0.71	<0.05	10.7	0.271	1.14	3.5
N810615		2710	146.5	0.002	4.61	88.1	8.6	2	8.9	86.3	0.52	0.60	10.3	0.174	2.59	5.2
N810616		18.6	77.6	<0.002	0.05	3.22	13.5	1	2.7	406	0.77	<0.05	11.2	0.301	1.23	3.9
N810617		16.8	90.0	<0.002	0.02	3.00	12.6	1	2.0	438	0.72	<0.05	14.6	0.287	1.16	4.4
N810618		193.0	98.2	<0.002	0.18	7.57	11.0	1	3.8	263	0.63	<0.05	11.1	0.261	1.87	3.9
N810619		22.2	81.1	<0.002	0.05	7.27	11.9	1	2.0	346	0.71	<0.05	12.7	0.294	1.29	4.0
N810620		72.2	130.5	<0.002	0.52	7.00	11.6	1	2.2	298	0.68	<0.05	13.3	0.287	2.36	4.0
N810621		<0.5	2.7	<0.002	0.02	0.10	0.4	1	0.2	49.1	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N810622		19.7	111.5	<0.002	0.45	4.47	10.8	1	4.0	332	0.67	<0.05	11.6	0.262	1.70	4.0
N810623		24.2	110.0	0.002	0.38	3.96	11.9	1	2.1	371	0.73	<0.05	13.9	0.279	1.56	4.4
N810624		16.8	91.4	<0.002	0.04	2.40	12.1	1	2.4	479	0.72	<0.05	14.2	0.277	1.20	4.4
N810625		17.2	83.0	0.002	0.04	2.16	12.1	1	1.9	426	0.76	<0.05	13.2	0.274	1.12	4.1
N810626		17.7	131.5	0.002	0.27	5.02	12.4	1	2.5	285	0.74	<0.05	13.3	0.271	1.94	4.2
N810627		15.6	93.3	<0.002	0.01	1.15	13.0	1	1.9	457	0.79	<0.05	14.7	0.280	1.10	5.0



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**CERTIFICATE OF ANALYSIS WH12174482**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810592		76	5.1	16.1	59	35.4		
N810593		72	4.0	15.4	45	34.3		
N810594		68	4.4	15.2	52	29.7		
N810595		77	2.9	14.0	49	35.2		
N810596		84	3.8	16.0	48	35.3		
N810597		89	3.8	16.5	56	33.1		
N810598		72	2.8	14.2	45	35.9		
N810599		78	2.8	16.1	47	37.0		
N810600		75	2.3	15.1	48	37.9		
N810601		87	1.9	16.8	47	43.0		
N810602		88	1.9	16.9	48	43.4		
N810603		81	4.0	15.4	50	39.3		
N810604		75	1.4	16.1	48	36.0		
N810605		74	0.9	15.2	54	36.6		
N810606		72	6.8	15.5	61	35.3		
N810607		51	4.4	9.4	>10000	34.3	119	1.645
N810608		78	0.6	16.6	66	37.2		
N810609		72	2.1	13.5	56	34.1		
N810610		72	1.5	14.6	52	34.4		
N810611		70	1.4	16.0	66	33.9		
N810612		4	0.1	1.0	12	0.5		
N810613		74	1.5	16.9	51	34.0		
N810614		77	2.2	16.0	55	32.2		
N810615		54	5.2	10.4	5140	27.2		
N810616		89	2.2	16.5	64	33.6		
N810617		81	3.2	17.3	57	33.8		
N810618		73	3.7	17.0	592	29.3		
N810619		83	4.8	16.2	71	30.9		
N810620		80	3.4	15.9	279	32.4		
N810621		2	0.1	0.9	18	<0.5		
N810622		74	2.1	16.3	53	29.5		
N810623		77	1.6	16.5	54	33.2		
N810624		78	1.5	16.7	54	28.1		
N810625		76	1.4	17.7	56	31.1		
N810626		76	2.6	16.8	67	29.2		
N810627		78	2.2	19.3	55	34.6		



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To: ROCKHAVEN RESOURCES LTD.  
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LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Project: Klaza - 88

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 13-AUG-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12174482**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12174483**

Project: Klaza - 89

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 13-AUG-2012  
Account: ROCKHA

Project: Klaza - 89

**CERTIFICATE OF ANALYSIS WH12174483**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810290		3.93	0.012	0.74	6.78	22.6	2100	1.35	0.31	3.19	1.42	42.8	8.1	12	11.85	22.0
N810291		0.35	4.44	>100	5.26	6430	320	0.97	54.5	1.91	219	34.4	9.1	20	12.00	1215
N810292		10.49	<0.005	0.20	7.36	14.8	2010	1.48	0.28	2.67	0.30	48.2	7.1	14	7.60	3.6
N810293		4.51	0.006	0.40	6.58	16.7	2540	1.47	0.29	2.74	1.80	39.3	6.7	10	14.15	22.9
N810294		9.30	0.042	1.08	6.69	58.3	2530	1.19	0.41	5.36	7.61	46.1	6.6	8	14.70	40.2
N810295		2.96	<0.005	0.01	0.07	<5	810	0.05	0.02	20.9	0.08	1.25	2.0	2	0.25	1.9
N810296		8.66	0.006	0.13	7.54	15.2	2070	1.25	0.24	2.77	0.18	39.0	5.8	13	10.25	10.5
N810297		11.18	0.006	0.48	7.41	18.1	2480	1.41	0.79	2.99	0.43	40.9	7.4	12	13.00	12.4
N810298		9.85	3.84	43.2	4.87	2450	60	0.93	12.95	3.94	170.5	38.2	20.3	7	8.81	296
N810299		2.62	<0.005	0.06	0.08	<5	50	0.05	0.04	21.1	0.33	1.56	1.8	2	0.21	2.1
N810300		9.04	0.077	1.68	7.21	88.7	1940	1.39	1.19	3.09	3.31	53.5	8.1	10	20.3	22.3
N810301		7.81	0.012	0.50	6.80	14.8	1970	1.41	1.45	2.50	0.70	41.0	6.7	11	12.75	16.4
N810302		9.46	0.007	0.59	7.06	74.3	1630	1.34	0.58	2.53	0.74	40.2	5.5	11	10.15	54.7
N810303		10.53	0.019	1.65	7.08	54.1	2080	1.48	1.82	2.46	4.35	39.3	6.4	10	16.75	99.1
N810304		3.68	0.010	0.31	7.94	17.7	2140	1.49	0.55	2.37	0.19	51.3	5.6	16	9.56	52.5
N810305		3.22	0.013	0.53	7.99	19.7	2220	1.63	1.00	2.50	0.39	46.9	5.6	13	10.20	62.6
N810306		9.42	0.066	5.34	7.61	66.3	1000	1.47	6.90	2.69	6.20	51.4	8.9	12	19.45	87.9
N810307		11.60	<0.005	0.19	7.78	11.1	2230	1.52	0.29	2.75	0.37	47.6	4.8	14	8.47	17.9
N810308		5.03	0.005	0.32	7.60	26.0	1930	1.47	0.28	2.94	0.20	43.4	6.9	12	17.15	41.6
N810309		6.28	<0.005	0.13	7.64	9.9	1860	1.26	0.14	2.21	0.17	47.7	4.2	10	10.25	11.9
N810310		8.69	0.031	0.83	7.31	34.8	2660	1.52	0.98	2.68	1.70	48.2	4.1	9	12.70	44.4
N810311		9.16	<0.005	0.27	7.76	19.4	1760	1.48	0.29	2.64	0.36	51.8	4.7	11	17.95	18.2
N810312		10.81	0.033	0.58	6.68	36.6	2180	1.40	0.95	3.82	0.25	41.0	17.5	7	10.80	12.6
N810313		4.62	0.218	1.32	7.75	79.5	2690	1.39	0.10	1.99	10.55	51.5	4.7	8	19.80	11.4
N810314		<0.02	0.222	1.31	8.06	76.2	2870	1.42	0.10	2.04	10.30	49.1	4.7	9	19.85	11.4
N810315		4.83	0.094	2.89	6.67	124.0	1640	1.29	2.21	3.89	14.75	39.9	5.4	7	11.15	51.5
N810316		9.63	0.025	0.59	7.06	24.0	1380	1.34	0.51	2.84	1.11	40.5	8.0	9	10.70	73.6
N810317		9.97	0.008	0.44	6.96	22.1	1890	1.40	0.51	3.04	0.29	40.7	8.0	10	10.25	63.5
N810318		4.82	0.027	0.58	7.48	26.7	1900	1.57	1.11	2.78	0.34	49.6	7.4	10	12.85	37.5
N810319		0.21	0.809	9.04	6.90	1550	1440	1.37	5.86	1.97	41.9	43.4	15.8	18	16.55	105.5
N810320		4.83	<0.005	0.24	7.39	10.9	2200	1.43	0.39	2.32	0.33	48.0	5.2	11	9.38	17.9
N810321		8.71	<0.005	0.12	7.42	6.8	2240	1.59	0.13	2.72	0.18	47.0	5.9	11	7.01	7.1
N810322		5.35	<0.005	0.19	7.50	11.3	2150	1.59	0.14	2.70	0.17	46.5	7.4	10	17.10	13.7
N810323		6.58	0.045	2.15	6.98	63.2	1840	1.46	1.13	3.03	9.17	57.4	5.6	7	17.00	25.7
N810324		10.88	<0.005	0.16	7.40	8.1	2200	1.60	0.23	2.71	0.16	48.1	5.6	14	6.47	16.1
N810325		8.66	<0.005	0.34	7.93	25.8	2090	1.54	0.44	2.86	0.98	49.5	6.9	11	5.35	29.1





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Account: ROCKHA

Project: Klaza - 89

**CERTIFICATE OF ANALYSIS WH12174483**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810290		3.07	15.55	0.22	0.9	0.132	2.67	23.0	11.0	0.85	1080	2.48	1.84	7.9	3.0	550
N810291		8.02	12.95	0.27	1.0	4.87	2.16	19.7	29.1	0.62	2940	14.55	0.08	5.8	15.2	430
N810292		2.93	16.45	0.21	1.0	0.058	2.61	25.9	11.6	0.75	661	3.14	2.29	8.3	3.5	590
N810293		2.72	15.35	0.21	1.0	0.098	2.44	20.1	23.2	0.63	1100	2.07	0.45	7.3	3.1	530
N810294		3.05	14.20	0.21	0.9	0.161	2.41	27.0	23.7	0.99	3130	1.83	0.14	7.4	2.5	540
N810295		0.48	0.41	0.19	<0.1	0.005	0.02	0.6	0.8	12.95	216	0.10	0.01	0.5	2.6	170
N810296		2.61	16.35	0.19	1.0	0.060	2.52	21.3	10.4	0.77	606	1.81	2.25	8.2	3.0	600
N810297		3.28	16.15	0.24	1.0	0.136	3.10	21.5	14.4	0.74	1280	1.35	1.25	8.3	3.3	640
N810298		8.32	11.85	0.27	0.7	3.13	2.11	21.7	13.3	1.45	8350	4.45	0.04	5.1	3.0	350
N810299		0.50	0.38	0.17	<0.1	0.012	0.03	0.8	0.9	12.90	245	0.13	0.01	0.4	2.1	170
N810300		3.45	15.65	0.18	1.0	0.271	2.74	30.4	21.4	1.11	2180	1.40	0.06	7.8	3.1	540
N810301		2.90	15.45	0.21	1.1	0.073	2.63	22.4	12.6	0.67	766	1.78	1.47	8.0	3.7	550
N810302		2.83	16.05	0.21	1.2	0.069	2.15	21.2	18.8	0.69	731	3.38	1.53	7.8	3.1	590
N810303		2.87	15.70	0.21	1.1	0.128	2.20	20.2	35.9	0.80	914	2.21	0.41	7.7	2.8	580
N810304		3.23	16.75	0.23	1.1	0.064	2.45	26.8	20.8	0.77	597	1.44	1.82	8.4	3.0	650
N810305		3.41	17.25	0.24	1.1	0.075	2.60	25.8	19.0	0.80	717	1.41	1.79	8.8	3.4	640
N810306		4.36	15.85	0.23	1.0	0.271	2.63	28.5	18.1	1.00	1360	1.17	0.68	7.4	3.6	580
N810307		3.15	16.45	0.24	1.1	0.063	2.68	26.9	12.0	0.80	564	1.09	2.33	8.5	3.2	620
N810308		3.22	17.05	0.23	1.1	0.071	2.67	24.3	22.1	0.69	705	0.69	1.46	8.3	3.0	640
N810309		2.97	17.65	0.16	1.2	0.056	2.69	23.5	23.8	0.49	703	1.56	0.45	8.0	2.6	620
N810310		3.12	17.10	0.17	1.1	0.186	2.85	25.7	15.9	0.76	1020	1.45	0.83	7.4	2.3	590
N810311		3.03	17.95	0.19	1.2	0.067	2.39	26.5	28.1	0.72	831	0.70	0.44	8.6	2.5	650
N810312		3.47	15.95	0.17	1.1	0.082	2.47	19.8	16.8	1.07	997	18.15	0.89	7.1	4.1	550
N810313		3.19	18.15	0.19	1.2	0.070	3.12	26.7	25.0	0.74	1390	1.45	0.07	8.2	2.8	620
N810314		3.24	18.45	0.18	1.2	0.067	3.24	25.3	25.6	0.76	1400	1.19	0.08	8.4	2.6	650
N810315		3.82	15.55	0.19	1.0	0.122	2.44	20.1	19.8	1.11	4250	1.05	0.05	6.7	2.5	540
N810316		2.79	16.40	0.17	1.1	0.123	2.34	19.6	10.6	0.68	920	1.25	1.70	7.4	3.7	600
N810317		3.03	16.95	0.18	1.1	0.106	2.39	20.2	14.3	0.72	797	4.22	1.64	7.3	3.6	590
N810318		3.33	17.50	0.19	1.2	0.154	2.51	25.9	18.5	0.76	869	1.77	1.62	8.3	2.9	600
N810319		5.55	16.50	0.22	1.4	0.904	2.95	22.6	23.3	0.73	2020	13.15	0.27	7.6	15.2	510
N810320		3.11	17.70	0.18	1.3	0.067	2.79	24.2	13.6	0.64	698	1.23	1.59	8.3	2.9	600
N810321		3.07	18.30	0.20	1.3	0.048	2.74	23.1	9.8	0.82	582	1.12	2.41	8.9	3.2	640
N810322		3.40	18.30	0.19	1.4	0.051	2.69	22.2	11.7	0.69	861	1.57	1.78	8.5	3.6	720
N810323		4.22	16.10	0.21	1.1	0.438	2.94	32.4	16.9	1.11	2780	1.30	0.16	7.2	2.8	500
N810324		3.23	18.15	0.18	1.3	0.060	2.63	23.2	10.0	0.83	632	1.24	2.48	9.0	3.0	650
N810325		3.15	17.70	0.18	1.3	0.080	2.44	26.3	8.7	0.86	635	1.55	2.34	8.3	2.9	620



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Plus Appendix Pages  
Finalized Date: 13-AUG-2012  
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Project: Klaza - 89

**CERTIFICATE OF ANALYSIS WH12174483**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810290		234	82.9	<0.002	0.27	3.54	10.3	1	1.7	347	0.70	0.06	11.7	0.240	1.43	3.9
N810291		9280	121.0	<0.002	6.83	214	7.8	3	9.3	112.0	0.48	0.51	8.2	0.176	2.32	5.1
N810292		23.7	86.2	<0.002	0.08	2.29	11.4	1	2.2	391	0.74	<0.05	13.0	0.259	1.30	3.5
N810293		269	84.5	0.003	0.18	20.2	10.4	1	3.4	104.5	0.63	<0.05	11.1	0.233	1.79	3.5
N810294		90.6	90.3	0.002	0.43	18.85	10.0	1	4.4	112.5	0.63	0.07	12.1	0.229	1.68	6.9
N810295		<0.5	1.4	<0.002	0.03	0.13	0.4	1	<0.2	63.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N810296		18.0	82.8	0.002	0.05	2.61	11.0	1	3.3	367	0.68	0.06	12.3	0.261	1.29	4.1
N810297		29.4	105.0	<0.002	0.29	6.51	10.6	1	2.0	275	0.75	0.05	11.2	0.267	2.03	3.9
N810298		5890	118.5	0.003	5.58	53.8	7.8	3	12.5	59.0	0.45	0.99	8.3	0.153	2.37	4.6
N810299		7.5	1.6	<0.002	0.04	0.16	0.4	1	<0.2	51.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N810300		179.0	137.0	<0.002	0.79	15.25	10.6	1	2.6	99.3	0.69	0.10	14.1	0.231	2.46	5.1
N810301		34.8	85.4	<0.002	0.31	4.43	9.9	1	1.7	268	0.74	0.09	11.8	0.237	1.54	3.0
N810302		40.1	80.2	0.005	0.50	8.56	11.2	1	4.6	200	0.67	0.06	12.7	0.245	1.51	4.5
N810303		169.5	84.0	0.003	0.75	14.55	11.4	1	7.0	113.5	0.64	0.22	14.4	0.242	1.81	5.2
N810304		25.4	80.3	0.003	0.28	4.36	12.5	1	3.4	314	0.72	0.05	13.3	0.278	1.19	4.6
N810305		37.8	81.1	0.002	0.34	5.35	12.2	1	3.8	309	0.72	0.07	12.7	0.283	1.34	4.8
N810306		550	122.0	<0.002	1.44	13.80	11.2	2	2.3	149.5	0.63	0.64	13.5	0.233	2.01	6.3
N810307		25.1	94.8	<0.002	0.09	2.57	11.7	2	2.3	392	0.73	<0.05	13.9	0.266	1.31	4.4
N810308		22.5	93.5	<0.002	0.30	8.12	11.8	1	2.3	277	0.66	<0.05	11.3	0.268	1.49	4.2
N810309		14.5	98.7	0.002	0.09	9.25	10.8	1	2.1	127.0	0.59	<0.05	15.3	0.258	1.37	2.9
N810310		88.1	129.0	<0.002	0.56	12.40	10.5	1	3.0	192.0	0.58	0.14	13.2	0.234	1.92	3.5
N810311		26.1	84.1	<0.002	0.28	12.10	11.3	1	2.4	123.5	0.70	<0.05	13.8	0.274	1.35	4.0
N810312		36.8	91.5	0.002	1.12	6.01	10.0	1	2.9	190.0	0.54	0.18	11.2	0.224	1.71	4.3
N810313		455	137.0	<0.002	0.65	11.00	11.1	1	2.7	95.2	0.63	<0.05	13.8	0.260	2.03	4.4
N810314		499	137.0	<0.002	0.69	11.30	11.4	1	2.7	97.8	0.65	<0.05	13.5	0.271	2.05	4.2
N810315		543	161.0	<0.002	1.47	19.55	9.6	1	4.0	83.3	0.52	0.14	11.6	0.208	2.20	4.8
N810316		87.5	117.0	<0.002	0.46	7.19	10.5	1	3.7	213	0.56	0.06	12.2	0.232	1.78	4.8
N810317		30.0	90.9	0.004	0.55	5.47	10.2	1	2.9	250	0.56	0.08	12.9	0.237	1.43	4.0
N810318		27.5	104.5	0.002	0.66	7.41	10.9	1	2.6	234	0.66	0.08	13.2	0.249	1.41	4.5
N810319		1370	159.5	0.002	3.21	33.3	8.7	1	6.0	156.5	0.60	0.25	11.2	0.209	2.46	4.8
N810320		19.9	98.7	0.002	0.13	8.19	10.7	1	1.9	285	0.70	<0.05	13.9	0.255	1.15	4.0
N810321		25.2	98.1	<0.002	0.06	1.76	11.2	1	1.9	410	0.72	<0.05	13.3	0.267	1.10	4.3
N810322		20.1	94.5	<0.002	0.08	5.63	12.6	1	1.9	344	0.67	0.05	12.5	0.294	1.18	8.5
N810323		546	151.5	<0.002	1.13	10.85	9.2	1	3.1	117.5	0.66	0.14	16.2	0.209	2.20	7.2
N810324		19.8	89.6	<0.002	0.15	1.89	11.7	1	2.7	382	0.76	<0.05	13.7	0.269	1.15	5.1
N810325		47.0	106.0	<0.002	0.36	2.20	11.2	1	2.4	324	0.68	0.07	14.2	0.253	1.10	5.1



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 Account: ROCKHA

Project: Klaza - 89

**CERTIFICATE OF ANALYSIS WH12174483**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810290		67	2.9	15.6	180	24.5		
N810291		51	4.5	10.1	>10000	31.7	116	1.625
N810292		71	2.2	17.0	84	26.6		
N810293		68	2.5	15.8	308	24.8		
N810294		66	4.1	20.7	939	23.7		
N810295		2	0.1	0.9	16	<0.5		
N810296		71	1.6	16.3	65	25.2		
N810297		74	3.0	15.2	162	24.3		
N810298		49	4.0	11.7	>10000	17.2		1.205
N810299		2	0.1	1.1	42	<0.5		
N810300		64	4.5	16.3	380	26.5		
N810301		65	2.0	13.9	117	26.5		
N810302		68	2.6	14.9	113	31.3		
N810303		69	2.3	14.1	366	29.3		
N810304		78	1.4	16.7	63	28.9		
N810305		79	1.5	16.7	86	29.6		
N810306		68	2.8	14.9	551	26.0		
N810307		74	1.3	17.7	74	29.0		
N810308		75	2.1	16.4	86	27.7		
N810309		70	2.9	15.3	61	31.1		
N810310		67	2.5	13.4	220	25.6		
N810311		75	3.3	15.3	86	29.1		
N810312		66	2.2	13.6	71	27.0		
N810313		73	4.3	14.1	840	29.0		
N810314		75	4.6	14.2	840	28.5		
N810315		65	2.5	16.0	1180	23.4		
N810316		69	2.2	13.2	181	26.9		
N810317		69	2.1	13.3	71	26.4		
N810318		72	3.4	16.2	95	29.9		
N810319		58	5.4	11.3	3070	40.1		
N810320		70	1.8	16.5	78	30.9		
N810321		75	1.4	17.9	54	33.2		
N810322		89	2.9	17.2	75	35.0		
N810323		60	2.4	14.6	885	27.1		
N810324		75	1.0	18.5	50	31.3		
N810325		73	1.3	16.4	122	33.3		



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**CERTIFICATE OF ANALYSIS WH12174483**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12174484**

Project: Klaza-89

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12174484**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810326		5.94	<0.005	0.16	7.68	6.3	2280	1.55	0.24	2.74	0.19	49.1	7.1	13	6.50	12.1
N810327		0.23	0.802	9.54	6.98	1510	1740	1.39	5.98	2.00	42.8	42.9	15.8	19	16.60	106.0
N810328		6.50	<0.005	0.09	8.07	6.9	2340	1.61	0.09	2.89	0.10	52.5	7.5	11	7.57	9.7
N810329		12.23	0.007	0.18	7.38	10.6	2080	1.51	0.27	2.71	0.20	48.5	5.5	15	6.55	7.5
N810330		11.76	<0.005	0.09	7.93	10.7	2370	1.57	0.19	2.89	0.11	53.7	5.2	12	5.51	6.6
N810331		4.53	<0.005	0.22	7.67	46.7	2060	1.59	0.34	2.80	0.16	47.9	5.3	10	6.10	19.5
N810332		1.58	<0.005	0.20	7.84	41.0	2060	1.63	0.32	2.87	0.14	50.5	5.8	9	5.92	17.9
N810333		3.77	0.007	0.44	6.70	41.1	1730	1.49	0.44	3.54	0.31	39.4	5.9	11	7.95	25.1
N810334		11.77	<0.005	0.12	7.43	10.5	2170	1.65	0.19	2.61	0.10	52.5	5.3	13	5.97	9.5
N810335		12.32	<0.005	0.10	7.70	6.2	2290	1.69	0.11	2.57	0.08	57.9	5.3	14	6.78	7.0
N810336		10.67	<0.005	0.12	7.45	7.6	2220	1.53	0.14	2.79	0.07	47.2	4.1	10	5.56	6.4
N810337		4.19	0.018	2.12	6.85	27.9	1800	1.43	1.78	3.29	0.27	40.4	5.9	10	6.08	461
N810338		12.43	<0.005	0.13	7.35	6.8	2160	1.51	0.19	2.86	0.13	42.5	6.3	11	9.25	6.5
N810339		7.74	<0.005	0.20	7.54	10.7	2000	1.46	0.22	2.58	0.19	44.7	5.5	10	11.25	16.5
N810340		<0.02	<0.005	0.18	7.32	11.3	1990	1.45	0.23	2.59	0.20	40.2	5.5	9	10.95	16.4
N810341		4.29	0.029	2.19	6.54	61.0	2060	1.50	2.99	2.39	1.60	57.2	5.5	7	13.50	213
N810342		3.79	<0.005	0.08	7.37	8.0	2180	1.48	0.17	2.37	0.08	52.0	6.7	14	10.25	2.8
N810343		0.25	2.28	23.8	6.09	2890	1500	1.23	18.35	2.28	78.4	42.4	9.9	16	14.55	431
N810344		12.05	<0.005	0.11	7.41	6.5	2250	1.48	0.11	2.45	0.16	50.6	5.7	12	9.56	4.3
N810345		10.58	0.008	0.12	7.06	13.7	1870	1.55	0.22	2.78	0.25	42.1	5.1	9	8.94	8.4
N810346		10.12	0.009	0.44	6.34	27.5	4140	1.40	0.71	3.95	1.19	44.7	6.2	9	13.90	38.8
N810347		3.87	<0.005	0.10	0.05	<5	60	0.05	0.03	20.9	0.06	1.03	0.7	<1	0.10	3.1
N810348		12.02	<0.005	0.25	7.14	13.1	1950	1.79	0.32	2.80	0.17	40.5	4.6	10	12.45	26.9
N810349		5.70	<0.005	0.34	7.26	15.7	1860	1.33	0.23	2.46	0.55	44.2	5.6	8	11.40	35.4
N810350		5.73	0.373	6.90	6.09	170.0	1270	1.32	2.11	2.58	49.8	40.2	7.7	7	10.95	94.5
N810351		2.29	<0.005	0.25	0.06	<5	30	0.06	0.04	20.0	0.13	1.19	0.6	<1	0.16	2.6
N810352		4.62	0.009	0.68	7.63	27.6	1250	1.59	0.90	2.70	0.95	59.5	5.9	7	11.70	30.2
N810353		4.06	0.027	0.93	7.20	33.8	1710	1.38	0.53	2.29	2.44	49.7	6.0	7	15.95	30.2
N810354		4.37	<0.005	0.24	7.25	9.3	2120	1.68	0.14	2.46	0.20	42.7	3.9	9	9.13	12.4
N810355		3.50	0.006	0.45	7.19	11.8	2040	1.70	0.23	2.64	1.72	43.2	4.2	8	11.60	13.4
N810356		6.00	<0.005	0.18	7.75	7.4	2130	1.62	0.14	2.64	0.11	52.9	5.0	11	8.12	3.9
N810357		3.49	<0.005	0.38	7.46	7.8	2180	1.55	0.17	2.51	0.77	49.1	5.2	10	7.07	13.9
N810358		4.97	<0.005	0.45	8.43	12.5	2520	1.19	0.31	0.85	4.05	71.3	6.3	9	7.49	12.8
N810359		3.63	0.017	1.39	7.13	36.5	2320	1.51	1.00	2.54	8.55	63.4	8.1	7	10.55	40.7
N810360		7.07	<0.005	0.37	7.82	13.9	2160	1.41	0.30	1.38	0.44	58.3	6.2	11	12.20	22.7
N810361		7.75	<0.005	0.17	7.73	8.7	2210	1.56	0.17	2.26	0.17	45.9	5.8	9	11.05	14.9



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Account: ROCKHA

Project: Klaza-89

**CERTIFICATE OF ANALYSIS WH12174484**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810326		3.24	17.60	0.17	1.4	0.055	2.65	25.1	10.9	0.88	774	1.93	2.34	8.5	3.2	640
N810327		5.60	16.40	0.22	1.4	0.927	2.97	22.1	23.2	0.74	2050	13.30	0.28	7.8	15.0	520
N810328		3.30	18.65	0.19	1.4	0.046	2.75	26.8	12.2	0.90	635	2.23	2.45	9.0	3.3	650
N810329		3.03	17.45	0.19	1.4	0.055	2.58	24.0	10.8	0.77	704	1.96	2.23	8.3	3.1	600
N810330		3.13	18.30	0.19	1.4	0.052	2.79	27.9	9.8	0.88	558	1.00	2.47	8.5	2.9	660
N810331		3.02	17.90	0.18	1.6	0.048	2.71	24.5	8.2	0.79	530	1.60	2.42	8.3	3.0	600
N810332		3.12	17.55	0.20	1.6	0.048	2.61	26.7	8.3	0.84	533	1.56	2.41	8.6	3.0	630
N810333		3.25	16.50	0.18	1.4	0.046	2.40	18.9	7.8	0.87	758	2.06	2.25	7.4	3.3	570
N810334		3.00	18.40	0.20	1.7	0.054	2.62	26.9	11.7	0.85	486	1.63	2.48	9.1	3.1	620
N810335		3.12	17.95	0.20	1.6	0.052	2.72	30.6	12.2	0.89	538	3.56	2.45	8.9	3.0	630
N810336		2.93	17.45	0.19	1.3	0.061	2.53	24.0	8.4	0.79	607	1.95	2.33	8.3	2.9	610
N810337		3.39	16.60	0.20	1.2	0.150	2.39	19.9	8.6	0.85	939	1.00	1.83	7.7	3.5	540
N810338		3.08	17.65	0.18	1.3	0.053	2.59	20.7	10.4	0.78	685	1.85	2.30	8.3	2.9	620
N810339		3.12	16.85	0.18	1.4	0.055	2.44	23.1	17.2	0.71	831	3.28	1.46	7.9	3.0	600
N810340		3.10	17.05	0.18	1.3	0.059	2.44	20.1	17.0	0.69	837	3.11	1.48	8.0	2.9	610
N810341		2.89	15.55	0.19	1.1	0.160	2.28	31.6	25.0	0.79	850	2.16	0.74	7.0	3.1	520
N810342		3.05	17.30	0.19	1.3	0.063	2.48	27.8	15.9	0.88	535	2.46	2.64	8.0	3.2	600
N810343		6.95	14.85	0.24	1.0	1.675	2.68	23.0	21.3	0.94	1900	13.40	0.04	6.0	14.6	450
N810344		3.00	17.65	0.18	1.3	0.049	2.81	26.1	13.5	0.84	528	3.67	2.49	8.2	3.1	610
N810345		2.70	15.50	0.12	1.3	0.069	2.38	20.7	18.7	0.70	650	4.31	1.92	7.6	2.8	580
N810346		2.74	14.40	0.12	1.1	0.097	2.47	24.2	60.1	1.04	910	5.50	0.10	6.4	3.2	510
N810347		0.47	0.12	0.10	<0.1	0.006	0.02	0.5	0.9	13.10	199	0.14	0.01	0.1	1.6	160
N810348		3.03	15.95	0.13	1.3	0.064	2.54	20.1	12.4	0.64	619	1.14	1.82	7.7	2.5	600
N810349		2.89	16.70	0.15	1.4	0.062	2.77	22.8	40.8	0.74	703	0.86	0.28	8.6	3.1	610
N810350		5.67	14.25	0.14	1.1	0.818	2.73	21.2	11.1	1.01	2940	1.38	0.04	6.3	3.5	470
N810351		0.46	0.19	0.10	<0.1	0.009	0.02	0.6	0.8	12.65	205	0.14	<0.01	0.1	1.7	160
N810352		3.23	15.95	0.16	1.3	0.164	2.88	34.0	34.8	1.04	1420	6.65	0.05	7.4	2.4	580
N810353		3.08	15.70	0.15	1.3	0.099	2.46	26.5	41.5	0.88	1080	1.06	0.05	7.7	3.5	580
N810354		2.97	16.65	0.13	1.3	0.049	2.85	20.6	18.2	0.66	597	1.18	1.73	8.4	2.7	580
N810355		2.99	16.80	0.11	1.3	0.076	2.87	21.7	20.3	0.71	717	1.48	1.33	8.0	2.6	590
N810356		3.08	16.15	0.16	1.3	0.061	2.84	26.7	11.7	0.82	633	1.71	2.34	7.7	3.0	610
N810357		2.99	17.60	0.16	1.5	0.078	2.90	24.6	14.0	0.77	654	1.97	1.98	8.8	2.7	600
N810358		3.28	19.30	0.14	1.5	0.079	3.11	36.6	29.7	0.34	832	1.76	0.10	9.4	3.3	720
N810359		3.73	15.30	0.13	1.3	0.138	2.48	38.2	33.9	1.03	1340	2.23	0.05	6.6	3.0	530
N810360		2.95	17.55	0.12	1.5	0.065	2.96	31.0	29.8	0.56	534	1.15	0.10	8.1	2.5	640
N810361		3.38	16.80	0.13	1.5	0.061	2.96	23.9	20.1	0.73	640	0.88	1.40	8.3	2.7	640



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VANCOUVER BC V6B 1L8

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**CERTIFICATE OF ANALYSIS WH12174484**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810326		25.3	102.0	<0.002	0.19	1.36	11.4	1	1.9	395	0.71	<0.05	13.1	0.267	1.10	4.8
N810327		1395	159.5	0.002	3.26	33.8	8.7	1	6.1	159.0	0.60	0.35	11.3	0.213	2.44	4.9
N810328		15.8	108.5	<0.002	0.02	1.26	11.8	1	2.1	422	0.73	<0.05	14.9	0.279	1.03	3.8
N810329		18.4	95.0	<0.002	0.12	1.82	10.9	1	2.2	338	0.70	<0.05	14.3	0.251	1.09	3.2
N810330		14.8	103.0	<0.002	0.17	1.19	11.7	1	2.1	438	0.69	<0.05	15.0	0.273	1.12	4.1
N810331		18.8	101.0	<0.002	0.36	1.34	11.2	1	2.0	376	0.70	0.05	14.0	0.250	1.16	4.4
N810332		16.5	105.0	<0.002	0.37	1.24	11.5	1	2.2	388	0.71	0.06	14.2	0.261	1.09	5.0
N810333		29.5	83.7	<0.002	0.64	1.76	9.9	1	1.9	315	0.61	0.09	11.4	0.224	1.15	5.1
N810334		14.8	103.0	<0.002	0.17	1.39	11.9	1	2.2	390	0.78	<0.05	15.7	0.261	1.10	5.1
N810335		13.8	110.0	<0.002	0.05	1.64	11.8	1	2.0	400	0.77	<0.05	15.6	0.268	1.06	4.7
N810336		12.5	95.1	<0.002	0.10	1.52	11.0	1	2.1	349	0.65	<0.05	13.2	0.257	1.06	4.1
N810337		23.5	95.5	<0.002	0.83	3.85	9.7	1	2.1	265	0.63	0.12	10.0	0.228	1.29	3.7
N810338		15.8	87.8	<0.002	0.10	1.29	10.8	1	1.9	375	0.67	<0.05	12.1	0.261	1.13	3.6
N810339		20.4	93.8	0.002	0.15	8.35	10.6	1	2.7	271	0.60	<0.05	12.7	0.251	1.19	3.6
N810340		18.8	84.4	<0.002	0.15	8.36	10.5	1	2.9	274	0.60	<0.05	11.2	0.256	1.23	3.2
N810341		62.3	100.5	<0.002	0.43	51.4	9.4	1	4.5	151.5	0.56	0.09	11.1	0.216	1.44	5.2
N810342		12.6	97.5	<0.002	0.04	1.69	11.0	1	2.8	386	0.66	<0.05	14.1	0.254	1.07	4.1
N810343		2800	156.0	0.002	4.94	87.7	7.7	2	7.9	93.3	0.46	0.37	10.2	0.181	2.30	5.0
N810344		16.7	110.0	<0.002	0.03	1.32	10.8	1	1.8	389	0.64	<0.05	13.7	0.255	1.15	3.8
N810345		20.0	89.2	<0.002	0.13	3.30	9.7	<1	2.2	313	0.66	0.05	11.6	0.242	1.15	3.5
N810346		34.7	95.6	0.003	0.37	17.40	9.1	1	3.3	129.5	0.55	0.05	10.7	0.202	1.94	4.0
N810347		1.4	0.8	0.003	0.02	0.37	0.2	<1	0.2	45.4	<0.05	0.05	<0.2	<0.005	0.02	0.5
N810348		25.0	87.2	<0.002	0.17	4.88	9.7	<1	2.7	316	0.67	<0.05	11.3	0.253	1.14	3.0
N810349		57.7	97.9	0.004	0.13	9.30	10.8	1	3.5	138.5	0.74	<0.05	13.0	0.260	1.47	2.8
N810350		1260	174.0	0.002	2.96	16.70	9.5	<1	3.7	108.0	0.51	0.24	11.7	0.192	2.47	5.1
N810351		3.3	1.3	<0.002	0.01	0.30	0.2	<1	<0.2	41.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N810352		48.6	157.0	0.003	0.45	11.20	10.2	<1	3.4	99.9	0.66	<0.05	15.2	0.236	2.38	6.3
N810353		158.5	109.0	0.002	0.59	12.05	10.8	1	2.8	89.0	0.71	0.09	13.4	0.246	1.84	4.7
N810354		18.4	103.0	0.002	0.06	6.99	10.5	<1	2.5	310	0.75	<0.05	11.2	0.250	1.34	3.0
N810355		63.2	115.0	0.002	0.15	5.02	10.2	<1	2.1	254	0.71	<0.05	11.6	0.246	1.55	3.9
N810356		18.7	117.0	<0.002	0.06	1.92	11.1	1	2.3	377	0.67	<0.05	13.9	0.257	1.14	3.9
N810357		82.4	122.0	0.002	0.08	2.75	11.5	1	2.3	314	0.78	0.05	13.5	0.260	1.32	3.8
N810358		148.5	144.5	0.002	0.16	13.00	13.2	1	2.7	85.0	0.79	<0.05	18.9	0.296	1.55	3.3
N810359		280	133.0	<0.002	0.88	14.40	9.8	<1	3.8	101.5	0.61	0.05	15.4	0.208	1.68	5.9
N810360		36.1	133.0	<0.002	0.25	12.35	11.3	<1	3.0	84.7	0.69	<0.05	17.5	0.253	1.53	3.2
N810361		25.3	117.5	0.003	0.09	4.80	11.2	<1	2.9	264	0.74	<0.05	14.5	0.262	1.36	3.0





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**CERTIFICATE OF ANALYSIS WH12174484**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N810326		75	1.0	18.2	54	33.0
N810327		60	5.4	11.4	3100	41.2
N810328		77	0.8	18.9	49	36.0
N810329		72	1.0	16.5	71	36.6
N810330		77	1.6	18.4	45	36.3
N810331		71	1.5	16.6	46	39.5
N810332		73	1.8	17.6	43	39.9
N810333		68	1.5	14.7	62	35.6
N810334		73	2.0	19.4	41	44.2
N810335		76	1.5	19.3	41	40.6
N810336		72	1.6	16.2	45	35.7
N810337		68	1.4	13.3	62	34.8
N810338		74	1.9	16.1	48	35.4
N810339		72	1.7	15.4	59	37.1
N810340		72	2.0	14.9	60	35.3
N810341		59	2.1	12.6	206	29.8
N810342		71	1.2	17.7	40	35.2
N810343		56	5.3	9.5	5490	26.5
N810344		71	0.9	17.3	43	35.5
N810345		68	1.5	14.2	60	30.2
N810346		60	2.1	12.1	144	25.5
N810347		2	0.1	0.7	15	<0.5
N810348		73	1.3	13.8	50	30.5
N810349		71	3.3	15.3	86	33.5
N810350		55	3.2	9.3	3800	24.9
N810351		2	0.1	0.7	19	<0.5
N810352		68	2.0	13.1	126	29.0
N810353		69	2.7	13.0	229	28.2
N810354		68	2.2	14.8	55	30.3
N810355		70	1.7	14.3	153	32.0
N810356		71	2.7	16.8	45	30.6
N810357		70	2.0	16.9	71	35.3
N810358		79	8.4	17.9	175	35.7
N810359		64	2.4	13.3	641	29.7
N810360		71	3.1	14.9	71	35.7
N810361		73	1.8	15.2	52	33.8



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Project: Klaza-89

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**CERTIFICATE OF ANALYSIS WH12174484**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12174485**

Project: Klaza-88

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12174485**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810628		0.26	4.68	>100	5.33	8370	730	1.04	62.2	1.91	220	34.1	9.0	17	12.25	1285
N810629		7.45	<0.005	0.22	7.91	19.1	1780	1.47	0.26	3.21	0.37	50.4	8.5	20	24.8	20.1
N810630		3.41	<0.005	0.82	7.97	22.8	1830	1.44	0.54	2.57	3.52	49.9	10.6	11	22.0	44.6
N810631		3.80	0.073	2.78	5.71	156.0	370	1.07	1.90	4.55	8.91	38.3	26.4	8	13.35	11.4
N810632		2.13	<0.005	0.01	0.08	<5	20	0.05	0.02	21.7	0.07	1.32	1.2	1	0.23	1.4
N810633		4.20	0.044	1.18	7.26	138.5	1350	1.39	0.09	2.82	3.22	49.5	7.5	10	22.2	12.2
N810634		4.17	<0.005	0.11	7.89	6.4	1840	1.41	0.10	1.81	0.32	46.3	7.3	10	18.05	6.1
N810635		1.83	<0.005	0.10	7.70	7.3	2020	1.28	0.09	1.77	0.37	43.3	7.1	10	16.65	5.1
N810636		3.03	<0.005	0.07	7.35	4.8	2100	1.45	0.08	2.67	0.12	44.6	8.2	11	15.25	6.8
N810637		2.91	0.042	1.00	7.81	176.5	1310	1.36	0.15	2.91	0.86	49.7	7.9	12	24.9	17.8
N810638		4.64	<0.005	0.07	7.69	5.4	2310	1.44	0.08	2.85	0.09	50.1	8.6	14	16.40	6.7
N810639		5.60	<0.005	0.05	7.42	3.6	2080	1.47	0.06	2.70	0.08	47.1	8.3	12	10.15	6.0
N810640		2.61	0.957	19.60	6.77	2920	540	1.30	0.75	2.70	25.8	52.9	9.7	10	14.05	46.4
N810641		2.36	<0.005	0.11	0.07	<5	40	0.07	0.48	21.4	0.08	1.28	1.1	1	0.22	16.1
N810642		2.91	<0.005	0.14	6.80	16.6	1710	1.56	0.22	2.64	0.91	43.6	8.0	9	23.9	5.9
N810643		8.32	<0.005	0.06	7.67	8.5	2230	1.46	0.09	2.74	0.11	45.1	7.2	12	21.2	6.7
N810644		4.93	<0.005	0.34	6.86	11.4	1930	1.44	0.16	2.63	0.18	43.8	8.1	13	14.15	8.1
N810645		6.71	<0.005	0.04	7.23	4.4	1940	1.38	0.06	2.70	0.06	49.4	7.9	14	9.50	5.0
N810646		7.48	<0.005	0.06	7.48	3.6	2060	1.44	0.09	2.65	0.07	49.6	8.0	13	10.85	7.5
N810647		<0.02	<0.005	0.09	7.65	4.1	2090	1.44	0.09	2.68	0.07	50.2	8.2	15	10.85	9.0
N810648		6.73	<0.005	0.06	7.46	3.9	2050	1.44	0.10	2.83	0.06	47.9	7.7	14	8.70	5.2
N810649		7.88	<0.005	0.05	6.96	2.4	1940	1.41	0.06	2.88	0.06	48.4	7.3	15	10.70	4.7
N810650		2.27	<0.005	0.05	7.02	10.7	3060	1.36	0.08	2.97	0.08	45.1	6.7	10	24.4	5.6
N810651		2.69	<0.005	0.12	7.02	99.0	2180	1.35	0.17	2.94	0.09	47.5	7.8	12	16.05	5.9
N810652		7.85	<0.005	0.05	7.15	3.3	1980	1.29	0.07	2.71	0.07	47.3	7.4	13	9.49	4.6
N810653		0.26	4.40	>100	5.41	8270	870	1.05	59.9	1.97	223	33.7	8.7	19	11.60	1255
N810654		6.63	<0.005	0.14	7.58	9.5	2060	1.33	0.21	2.82	0.28	47.5	8.0	15	8.69	8.8
N810655		7.09	<0.005	0.10	7.21	9.3	1930	1.36	0.48	2.67	0.12	46.0	7.9	13	11.15	16.8
N810656		3.00	<0.005	0.08	7.34	4.9	2230	1.42	0.12	2.56	0.11	47.7	7.3	13	10.70	12.7
N810657		4.53	0.027	0.17	6.89	29.9	1820	1.41	0.48	2.95	0.20	44.7	11.4	12	15.10	18.7
N810658		6.94	<0.005	0.17	7.12	123.5	1990	1.50	0.08	2.75	0.56	43.1	8.2	12	21.6	8.8
N810659		7.86	<0.005	0.11	7.36	15.6	2070	1.54	0.20	2.83	0.23	44.0	8.2	13	14.90	11.5
N810660		7.29	<0.005	0.15	6.77	10.8	1810	1.45	0.37	2.91	0.30	40.6	9.5	11	20.5	9.5
N810661		3.72	<0.005	0.05	7.08	4.7	2000	1.61	0.09	2.82	0.12	47.9	7.9	15	13.60	8.5
N810662		2.61	0.006	0.20	7.14	66.5	2040	1.26	0.09	4.20	0.13	54.0	7.3	10	30.2	6.2
N810663		5.32	<0.005	0.14	6.82	32.2	1780	1.42	0.08	2.92	0.35	42.5	7.6	12	25.7	7.7



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**CERTIFICATE OF ANALYSIS WH12174485**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N810628		7.90	13.25	0.23	1.2	4.75	2.20	17.0	29.1	0.63	2970	15.95	0.08	5.7	14.4
N810629		3.29	17.15	0.18	1.4	0.055	2.89	24.5	48.7	1.03	1040	13.00	1.12	8.4	9.5
N810630		3.31	16.75	0.21	1.4	0.089	2.97	24.3	24.7	0.80	1370	1.49	0.84	8.5	3.2
N810631		4.67	12.45	0.18	1.0	0.375	2.51	20.1	20.0	1.54	4870	1.10	0.03	5.7	3.2
N810632		0.49	0.29	0.06	<0.1	0.006	0.03	0.6	1.1	13.30	220	0.14	0.01	0.3	1.7
N810633		3.88	15.90	0.17	1.3	0.194	2.66	25.0	37.9	1.04	3290	0.80	0.06	7.6	2.8
N810634		3.25	16.85	0.17	1.5	0.047	2.30	21.7	40.0	0.55	1130	0.80	0.16	8.9	2.7
N810635		3.22	17.05	0.18	1.4	0.047	2.30	20.0	35.9	0.54	1200	1.10	0.15	8.8	2.7
N810636		3.27	16.75	0.20	1.4	0.043	2.43	21.3	17.8	0.89	662	1.02	1.88	8.8	3.2
N810637		3.24	16.10	0.20	1.3	0.049	2.96	24.9	54.9	0.92	2270	1.58	0.51	8.1	3.2
N810638		3.15	17.25	0.19	1.5	0.042	2.51	24.8	12.5	0.85	687	2.07	2.18	9.2	4.1
N810639		3.10	16.45	0.17	1.5	0.034	2.46	23.2	16.2	0.83	668	0.82	2.08	8.6	3.1
N810640		4.97	15.75	0.22	1.4	0.423	2.81	28.4	19.3	0.95	4180	2.16	0.83	7.9	2.9
N810641		0.46	0.27	0.06	<0.1	0.006	0.02	0.6	1.1	12.85	209	0.15	0.01	0.3	1.9
N810642		2.80	15.25	0.14	1.3	0.040	2.56	20.9	69.7	0.69	631	1.01	1.31	7.5	2.7
N810643		3.10	15.45	0.17	1.5	0.042	2.55	22.6	22.3	0.78	746	1.18	1.71	8.0	2.8
N810644		2.89	15.95	0.17	1.2	0.037	2.31	21.0	16.3	0.79	747	1.12	1.80	8.2	3.3
N810645		2.89	15.40	0.19	1.3	0.032	2.29	24.5	16.6	0.81	649	1.16	2.05	8.0	3.0
N810646		3.05	15.60	0.18	1.3	0.036	2.33	25.0	18.1	0.88	695	1.29	2.05	8.1	3.0
N810647		3.15	16.05	0.21	1.4	0.037	2.39	25.5	16.5	0.89	707	1.33	2.04	8.5	3.2
N810648		3.03	15.20	0.19	1.5	0.034	2.40	23.8	15.6	0.87	709	1.08	2.10	8.0	3.2
N810649		2.91	14.70	0.20	1.4	0.035	2.32	23.7	16.7	0.85	674	0.84	2.01	7.9	2.8
N810650		2.86	14.55	0.17	1.4	0.040	2.38	22.0	26.8	0.82	735	1.18	1.26	8.0	2.6
N810651		2.95	15.20	0.18	1.3	0.033	2.52	24.3	16.6	0.88	1160	0.76	1.49	7.9	2.8
N810652		2.95	15.05	0.20	1.3	0.037	2.39	23.4	18.6	0.87	698	0.86	2.08	7.9	2.7
N810653		8.25	12.15	0.13	1.0	4.96	2.24	16.9	25.6	0.62	3030	13.50	0.07	5.9	14.3
N810654		3.25	15.95	0.13	1.4	0.043	2.65	23.3	13.4	0.86	807	1.11	2.17	8.6	3.8
N810655		3.04	15.35	0.13	1.5	0.045	2.56	22.4	16.3	0.80	705	0.82	2.07	8.5	3.5
N810656		3.07	15.60	0.14	1.4	0.035	2.59	23.5	16.6	0.83	679	1.13	2.21	8.5	3.5
N810657		3.41	15.55	0.17	1.3	0.069	2.71	21.5	18.4	0.89	877	5.10	1.59	8.8	3.8
N810658		3.09	16.30	0.17	1.4	0.039	2.80	20.4	19.1	0.74	755	0.79	1.86	8.9	3.7
N810659		3.11	16.00	0.18	1.4	0.042	2.66	21.1	19.5	0.79	768	0.77	2.02	8.6	3.6
N810660		3.15	15.20	0.17	1.4	0.059	2.64	19.3	34.6	0.79	889	0.87	1.34	8.6	3.7
N810661		3.15	15.85	0.18	1.4	0.045	2.71	22.5	13.4	0.78	745	0.82	2.05	9.1	4.4
N810662		3.37	14.10	0.18	1.2	0.057	2.84	29.0	44.6	1.28	1570	0.83	0.78	7.7	3.8
N810663		3.06	15.30	0.16	1.5	0.063	3.05	20.4	52.6	0.82	1480	0.71	0.71	8.2	3.5



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**CERTIFICATE OF ANALYSIS WH12174485**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810628		9660	149.5	0.002	7.21	221	7.3	2	8.1	123.0	0.45	0.58	9.2	0.185	2.19	5.6
N810629		33.1	132.5	0.002	0.19	8.41	12.1	1	1.9	302	0.71	<0.05	13.8	0.291	1.64	5.0
N810630		138.0	165.0	<0.002	0.29	19.95	11.9	1	1.9	231	0.70	<0.05	14.5	0.285	1.98	4.2
N810631		533	187.0	<0.002	2.37	26.6	8.9	1	2.5	98.8	0.46	0.07	9.6	0.201	2.08	4.2
N810632		1.6	1.7	<0.002	0.02	0.14	0.2	1	<0.2	51.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N810633		222	153.0	<0.002	0.85	18.45	11.9	1	2.3	121.0	0.61	<0.05	13.2	0.259	1.98	4.1
N810634		21.6	104.5	<0.002	0.05	19.60	12.0	1	1.6	124.5	0.73	<0.05	12.9	0.292	1.14	2.7
N810635		23.4	102.0	<0.002	0.06	18.30	11.4	2	1.5	122.5	0.68	<0.05	12.4	0.280	1.21	2.8
N810636		17.0	108.0	<0.002	0.03	3.71	11.6	2	1.5	398	0.69	<0.05	12.5	0.278	1.10	4.8
N810637		50.9	153.0	<0.002	0.85	28.9	11.4	1	1.7	238	0.62	<0.05	13.2	0.284	2.31	5.3
N810638		15.9	119.0	<0.002	0.02	3.01	12.0	1	1.5	423	0.69	<0.05	13.8	0.291	1.06	4.3
N810639		16.3	110.5	<0.002	0.01	2.99	11.1	1	1.4	422	0.68	<0.05	13.3	0.276	1.00	5.0
N810640		2450	164.0	<0.002	2.05	59.6	10.6	1	2.5	221	0.61	0.05	13.6	0.247	1.88	5.4
N810641		2.8	1.4	<0.002	0.02	0.07	0.2	1	<0.2	53.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
N810642		30.5	113.0	<0.002	0.10	5.93	10.8	1	1.4	310	0.63	<0.05	12.2	0.251	1.44	4.2
N810643		19.1	114.0	<0.002	0.05	3.83	11.1	1	1.5	390	0.66	<0.05	13.5	0.281	1.18	4.9
N810644		38.7	106.0	<0.002	0.09	5.86	10.4	1	1.5	363	0.62	<0.05	11.5	0.257	1.06	3.6
N810645		13.6	104.0	<0.002	0.02	1.34	10.6	1	1.3	409	0.66	<0.05	12.5	0.259	0.83	4.1
N810646		16.6	103.5	<0.002	0.03	1.65	11.2	1	1.5	403	0.65	<0.05	13.2	0.270	0.99	4.2
N810647		15.3	107.0	<0.002	0.03	1.60	10.9	1	1.5	403	0.65	<0.05	13.0	0.279	0.94	4.0
N810648		15.9	103.0	<0.002	0.03	1.22	10.4	1	1.3	410	0.66	<0.05	12.7	0.271	0.86	4.7
N810649		16.8	97.6	<0.002	0.01	1.40	10.2	1	1.4	390	0.65	<0.05	13.3	0.266	0.94	4.5
N810650		14.7	106.0	<0.002	0.13	2.75	9.6	1	1.4	359	0.65	<0.05	12.6	0.260	1.16	4.0
N810651		15.6	126.0	<0.002	0.22	5.16	9.8	1	1.3	333	0.63	<0.05	13.6	0.261	1.29	5.1
N810652		15.3	100.0	<0.002	0.02	0.93	9.9	1	1.4	393	0.64	<0.05	14.1	0.270	0.97	4.5
N810653		9380	143.0	0.002	7.23	213	6.8	2	8.7	118.0	0.47	0.46	9.7	0.180	2.19	5.8
N810654		27.1	116.5	<0.002	0.06	1.53	10.9	1	1.6	393	0.73	<0.05	14.1	0.273	1.08	5.1
N810655		18.6	110.0	<0.002	0.08	2.36	10.6	1	1.6	371	0.74	<0.05	14.6	0.263	1.05	5.1
N810656		18.0	106.0	<0.002	0.02	0.86	10.5	1	1.9	417	0.71	<0.05	13.9	0.264	1.03	4.8
N810657		19.8	111.5	0.002	0.36	3.62	10.4	1	2.8	317	0.79	0.05	13.2	0.264	1.51	4.6
N810658		27.1	116.0	<0.002	0.12	4.90	10.5	1	1.7	366	0.77	<0.05	12.6	0.267	1.88	4.7
N810659		21.7	111.5	<0.002	0.07	2.36	10.8	1	1.6	378	0.76	<0.05	13.2	0.268	1.21	4.6
N810660		28.3	104.5	<0.002	0.18	3.51	10.4	1	1.7	297	0.75	<0.05	12.4	0.262	1.43	5.9
N810661		19.2	107.0	<0.002	0.04	1.77	11.0	1	1.7	372	0.79	<0.05	13.2	0.270	1.14	4.8
N810662		21.4	145.5	<0.002	0.27	4.86	10.1	1	1.5	283	0.68	<0.05	15.6	0.239	1.85	5.5
N810663		34.0	122.5	<0.002	0.16	4.50	10.4	1	1.7	237	0.74	<0.05	12.9	0.261	2.13	4.9



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Project: Klaza-88

**CERTIFICATE OF ANALYSIS WH12174485**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810628		53	4.6	10.7	>10000	34.8	118	1.575
N810629		84	2.9	18.5	86	32.5		
N810630		79	2.5	17.6	357	32.8		
N810631		61	3.0	12.7	709	23.9		
N810632		2	0.1	1.0	19	<0.5		
N810633		74	4.4	18.1	302	31.4		
N810634		80	5.0	17.1	80	33.8		
N810635		78	5.3	16.5	85	33.7		
N810636		79	1.7	18.7	57	33.3		
N810637		83	3.3	17.7	132	32.1		
N810638		83	1.8	20.2	53	36.2		
N810639		76	1.3	17.9	53	35.8		
N810640		68	3.1	16.7	2310	32.8		
N810641		2	0.1	1.0	18	<0.5		
N810642		70	1.7	15.9	141	32.1		
N810643		80	2.5	16.5	58	34.3		
N810644		72	2.1	16.2	64	30.1		
N810645		71	1.9	17.9	52	31.0		
N810646		77	2.4	18.2	57	31.4		
N810647		79	2.4	19.0	60	33.9		
N810648		75	1.4	18.0	54	36.0		
N810649		74	1.9	17.7	53	32.7		
N810650		72	2.8	16.2	53	32.3		
N810651		72	1.8	18.2	48	31.7		
N810652		74	1.2	17.6	53	32.0		
N810653		52	4.6	8.9	>10000	31.7	119	1.610
N810654		76	1.3	16.7	66	34.1		
N810655		73	1.5	16.1	52	34.7		
N810656		72	1.6	16.2	54	33.3		
N810657		73	2.8	15.2	57	31.3		
N810658		74	3.0	15.0	81	35.0		
N810659		75	2.1	15.8	61	34.3		
N810660		73	3.0	14.7	70	33.9		
N810661		77	1.6	15.9	58	34.2		
N810662		67	2.3	16.6	59	27.8		
N810663		73	3.0	14.6	84	33.9		



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**CERTIFICATE OF ANALYSIS WH12174485**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12176021**

Project: Klaza - 91

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12176021**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N810772		6.41	<0.005	0.12	7.66	18.8	2280	1.41	0.28	2.59	0.24	53.1	6.5	8	12.60	4.9
N810773		7.63	<0.005	0.08	7.52	17.8	4410	1.21	0.76	2.20	0.08	53.8	11.1	10	16.55	4.7
N810774		7.97	<0.005	0.06	8.01	8.4	3070	1.18	0.78	1.85	0.09	60.3	8.5	10	20.2	4.8
N810775		8.65	<0.005	0.04	7.66	7.9	2800	1.32	0.31	1.96	0.07	56.6	5.0	10	22.0	3.4
N810776		0.25	2.19	25.7	6.38	3780	170	1.23	20.9	2.30	86.5	46.7	11.4	20	16.05	475
N810777		8.00	0.005	0.10	7.49	51.0	2150	1.37	0.36	2.51	0.24	46.5	8.9	9	15.00	4.4
N810778		3.19	<0.005	0.04	7.99	13.7	2390	1.33	0.28	2.32	0.10	51.1	7.7	9	20.8	4.2
N810779		3.68	<0.005	0.05	7.28	55.8	3130	1.40	0.28	2.08	0.10	49.3	10.1	8	32.4	6.6
N810780		3.68	<0.005	0.01	0.06	<5	20	0.06	0.02	21.2	0.06	1.24	1.2	<1	0.17	3.1
N810781		2.44	<0.005	0.08	7.67	12.0	2540	1.55	0.36	1.60	0.07	49.8	5.4	8	25.7	4.1
N810782		8.90	<0.005	0.05	7.65	8.6	2130	1.58	0.27	2.31	0.10	53.9	9.3	9	19.15	1.6
N810783		8.76	<0.005	0.06	8.01	12.0	4180	1.64	0.81	2.43	0.12	61.9	9.9	10	20.1	1.2
N810784		3.85	<0.005	0.05	8.59	7.9	6030	1.66	0.76	2.83	0.12	60.0	9.2	9	14.45	2.2
N810785		1.55	<0.005	0.04	8.44	7.9	5730	1.61	0.78	2.74	0.12	64.3	9.3	12	14.35	1.8
N810786		4.80	<0.005	0.06	9.89	17.9	5100	1.72	2.63	7.64	0.32	64.0	7.8	10	24.6	1.3
N810787		8.44	<0.005	0.05	8.98	13.8	1880	1.74	1.93	3.14	0.23	57.2	7.3	10	18.95	2.0
N810788		3.79	<0.005	0.06	8.69	10.9	2290	1.23	0.75	4.05	0.11	55.5	4.9	8	15.90	2.6
N810789		4.31	<0.005	0.01	0.07	<5	20	0.05	0.02	21.9	0.06	1.30	1.2	<1	0.16	2.1
N810790		4.29	<0.005	0.07	8.32	9.1	2370	1.63	0.77	2.43	0.15	63.4	4.8	10	11.75	2.7
N810791		8.54	<0.005	0.08	7.90	11.5	3170	1.41	0.29	2.42	0.11	57.2	8.4	9	13.15	4.4
N810792		7.36	<0.005	0.07	7.90	8.6	2660	1.48	0.21	2.41	0.19	62.5	4.7	10	12.20	4.0
N810793		0.22	0.753	10.85	7.03	1960	300	1.72	7.26	1.95	49.2	51.3	19.1	21	19.45	126.0
N810794		9.24	<0.005	0.08	7.47	13.5	2390	1.27	0.23	3.95	0.33	56.7	5.2	9	14.50	2.9
N810795		8.36	<0.005	0.03	7.83	14.7	2160	1.56	0.21	2.07	0.10	54.9	4.1	9	20.6	0.8
N810796		5.39	0.007	0.24	7.48	27.8	1310	1.46	0.52	4.78	0.66	54.4	3.9	6	10.90	2.4
N810797		3.19	<0.005	0.04	8.43	11.9	1990	1.54	0.24	2.93	0.09	52.5	4.7	9	14.90	1.0
N810798		5.44	<0.005	0.02	8.64	11.8	1800	1.59	0.31	2.95	0.08	55.0	4.2	8	17.50	0.7
N810799		5.02	<0.005	0.05	7.45	20.5	2200	1.63	0.41	3.16	0.20	48.9	5.2	8	20.3	1.0
N810800		7.88	<0.005	0.06	8.90	13.7	2380	1.65	0.49	3.16	0.09	55.2	6.1	10	21.6	1.4
N810801		7.38	<0.005	0.10	7.80	27.2	2390	1.83	0.73	2.48	0.26	36.5	5.2	10	22.2	2.7
N810802		6.77	<0.005	0.08	7.75	16.5	2910	1.58	1.37	4.21	0.15	40.4	4.6	9	22.9	4.3
N810803		5.71	<0.005	0.18	6.92	15.8	1980	1.67	0.92	3.18	0.11	37.5	6.9	8	13.55	5.3
N810804		4.34	<0.005	0.15	6.37	9.3	2010	1.42	0.30	4.34	0.19	30.2	3.1	7	7.91	4.6
N810805		4.76	<0.005	0.11	8.02	10.7	2440	1.58	0.75	3.90	0.15	43.8	3.5	9	9.58	1.5
N810806		<0.02	<0.005	0.10	8.03	10.7	2350	1.57	0.83	4.16	0.16	42.3	3.4	9	9.19	1.3
N810807		7.01	<0.005	0.14	6.87	13.9	1230	1.40	0.46	3.33	0.17	33.9	2.6	8	11.45	1.3



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Account: ROCKHA

Project: Klaza - 91

**CERTIFICATE OF ANALYSIS WH12176021**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810772		3.29	16.20	0.16	1.0	0.069	2.47	28.2	67.0	1.00	948	0.12	0.78	7.7	2.7	660
N810773		3.28	15.40	0.15	1.0	0.051	2.44	29.2	24.6	0.92	816	0.13	1.83	7.3	2.9	640
N810774		3.27	16.35	0.16	1.1	0.052	2.30	34.1	26.0	0.88	688	0.16	2.43	8.0	3.6	680
N810775		3.03	15.10	0.17	1.0	0.056	2.77	31.6	16.8	0.66	628	0.17	2.47	7.9	2.8	650
N810776		7.04	14.95	0.20	1.0	1.910	2.72	24.1	22.4	0.94	1980	13.10	0.04	6.1	16.2	470
N810777		3.17	16.15	0.16	1.0	0.070	2.55	23.3	27.9	0.84	1000	0.14	1.42	7.8	4.3	620
N810778		3.43	16.20	0.16	1.1	0.063	2.68	26.4	32.8	0.79	764	0.13	1.70	8.6	2.2	690
N810779		2.56	15.20	0.15	1.0	0.061	2.11	27.0	45.4	0.73	681	0.15	0.18	7.9	3.6	600
N810780		0.47	0.22	0.05	<0.1	0.005	0.02	0.6	1.0	12.65	202	0.12	0.01	0.2	1.4	170
N810781		2.81	14.35	0.17	1.0	0.060	2.66	25.3	24.3	0.50	522	0.19	1.66	7.7	2.3	640
N810782		3.13	15.45	0.16	1.0	0.053	2.39	29.2	19.3	0.73	589	0.15	2.54	7.7	2.8	620
N810783		3.34	18.35	0.17	1.0	0.091	1.78	34.2	27.0	0.96	670	0.18	2.80	8.8	3.2	680
N810784		3.51	17.70	0.18	1.2	0.084	1.81	32.6	17.0	1.06	804	0.18	3.26	9.0	3.3	710
N810785		3.41	17.50	0.18	1.1	0.088	1.78	35.8	16.7	1.04	782	0.16	3.06	9.0	3.1	680
N810786		5.12	29.5	0.20	1.3	0.465	1.77	30.5	22.9	1.13	1590	0.15	1.70	11.8	3.4	900
N810787		3.95	20.8	0.18	1.2	0.242	2.32	28.5	43.1	1.17	744	0.17	1.68	10.5	4.2	810
N810788		3.42	17.30	0.18	1.1	0.078	3.07	28.8	26.6	1.04	779	0.13	2.71	8.6	2.8	670
N810789		0.48	0.23	0.05	<0.1	0.005	0.02	0.6	1.1	13.05	216	0.09	0.01	0.2	1.5	200
N810790		3.18	16.30	0.17	1.3	0.065	2.81	33.4	22.7	1.05	626	0.16	3.01	8.8	3.4	690
N810791		3.09	16.25	0.17	1.1	0.068	3.10	30.5	23.9	0.91	516	0.17	2.63	8.3	3.1	620
N810792		2.91	16.80	0.19	1.3	0.062	3.40	33.6	29.8	1.02	481	0.21	2.17	9.5	3.4	650
N810793		5.45	17.30	0.21	1.5	1.120	2.92	26.3	26.7	0.71	2050	13.90	0.27	8.6	17.9	530
N810794		2.73	16.25	0.18	1.2	0.065	3.01	30.5	28.1	0.83	573	0.21	1.61	8.7	2.9	620
N810795		2.69	17.75	0.17	1.1	0.071	2.52	29.7	34.9	0.78	495	0.16	2.40	8.7	2.8	640
N810796		3.77	17.05	0.18	1.0	0.137	1.90	30.5	70.1	1.47	1720	0.12	0.56	7.6	2.9	600
N810797		3.41	19.05	0.18	1.2	0.081	2.66	26.0	35.5	0.88	611	0.14	2.39	10.0	3.6	730
N810798		3.33	20.5	0.18	1.2	0.103	2.90	27.7	26.0	0.90	707	0.14	2.90	9.4	3.2	670
N810799		3.02	16.05	0.16	1.2	0.075	2.47	24.0	32.3	0.95	844	0.19	1.51	9.0	2.5	680
N810800		3.53	18.65	0.18	1.2	0.088	2.96	27.5	22.0	1.07	755	0.15	3.37	10.0	3.3	790
N810801		3.69	19.95	0.15	1.0	0.134	2.67	17.1	54.5	0.79	896	0.10	1.67	9.0	2.8	660
N810802		3.98	20.7	0.17	1.0	0.197	2.06	19.3	40.0	0.81	1100	0.07	1.55	8.8	2.9	670
N810803		2.90	15.55	0.16	0.9	0.086	2.03	18.1	56.2	0.86	1270	0.05	1.34	8.1	2.7	550
N810804		2.57	13.10	0.16	0.8	0.056	2.46	15.0	53.3	1.15	1400	0.05	0.56	7.0	2.4	520
N810805		3.53	19.30	0.17	1.1	0.096	2.13	21.2	21.9	0.91	1060	0.07	2.23	9.2	2.7	660
N810806		3.61	19.35	0.17	1.2	0.099	2.02	20.4	20.8	0.89	1080	0.06	2.15	9.0	2.6	650
N810807		2.79	14.35	0.14	1.1	0.067	2.36	16.7	51.5	0.93	1270	0.05	1.16	8.1	2.6	590



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**CERTIFICATE OF ANALYSIS WH12176021**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810772		11.8	117.5	<0.002	0.14	10.15	12.2	1	2.1	182.0	0.66	<0.05	13.5	0.271	1.78	3.6
N810773		15.4	98.7	<0.002	0.16	7.58	11.5	1	1.9	245	0.61	<0.05	12.8	0.276	1.45	3.6
N810774		18.2	95.1	<0.002	0.05	8.43	12.8	1	1.9	241	0.69	<0.05	15.4	0.283	1.31	4.0
N810775		14.6	110.5	<0.002	0.02	8.76	12.2	1	1.9	254	0.66	<0.05	13.7	0.267	1.52	3.7
N810776		2980	162.0	0.002	5.16	98.1	8.3	2	8.9	95.8	0.52	0.42	10.8	0.188	2.58	5.7
N810777		16.7	103.5	<0.002	0.13	10.50	11.6	1	2.0	223	0.66	<0.05	12.8	0.265	1.50	3.5
N810778		17.6	105.0	<0.002	0.03	10.25	12.4	1	2.1	263	0.76	<0.05	14.2	0.299	1.60	3.3
N810779		19.0	87.9	<0.002	0.34	29.3	11.5	1	2.4	200	0.75	<0.05	14.4	0.260	3.45	5.7
N810780		1.4	0.9	<0.002	0.01	0.05	0.2	1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N810781		14.8	94.3	<0.002	0.06	13.65	12.9	1	2.1	199.0	0.68	<0.05	13.2	0.282	1.65	3.5
N810782		18.7	86.1	<0.002	0.03	9.95	12.8	1	1.7	244	0.70	<0.05	14.2	0.273	1.18	4.1
N810783		21.7	82.8	<0.002	0.12	14.75	13.6	2	2.6	372	0.73	<0.05	15.9	0.278	1.02	4.8
N810784		20.8	79.6	<0.002	0.14	8.49	14.1	1	2.1	676	0.74	<0.05	15.4	0.292	0.89	4.9
N810785		20.9	77.4	<0.002	0.14	8.95	13.8	2	2.0	670	0.75	<0.05	16.3	0.294	0.88	4.9
N810786		40.8	62.9	<0.002	0.11	22.9	16.0	2	3.1	1180	0.94	<0.05	14.8	0.385	1.04	5.0
N810787		25.5	101.0	<0.002	0.03	21.0	14.5	2	2.3	352	0.86	<0.05	16.7	0.356	1.17	4.5
N810788		18.4	134.5	<0.002	0.05	12.25	12.4	1	2.1	270	0.71	<0.05	14.4	0.298	1.40	5.2
N810789		1.4	1.0	<0.002	0.01	0.05	0.3	1	<0.2	46.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N810790		20.8	96.3	<0.002	0.01	9.78	14.3	1	2.0	289	0.76	<0.05	16.6	0.300	1.17	4.6
N810791		18.6	116.0	<0.002	0.05	11.15	13.6	1	2.1	233	0.74	<0.05	14.5	0.272	1.29	4.9
N810792		20.3	146.0	<0.002	0.01	9.22	14.4	1	2.1	245	0.94	<0.05	16.7	0.290	1.58	4.9
N810793		1395	176.0	0.002	3.24	40.3	10.0	2	7.2	163.5	0.74	0.40	13.0	0.217	2.95	6.0
N810794		22.9	129.5	<0.002	0.01	11.10	12.9	1	1.9	311	0.82	<0.05	16.0	0.275	1.36	4.5
N810795		17.8	116.0	<0.002	0.01	18.90	12.9	1	1.6	258	0.76	<0.05	15.9	0.278	1.27	4.2
N810796		21.7	123.5	<0.002	0.41	12.25	11.7	2	1.9	280	0.62	<0.05	12.8	0.263	1.70	3.5
N810797		16.1	107.0	<0.002	0.01	12.85	13.7	1	1.7	269	0.79	<0.05	12.9	0.331	1.30	3.2
N810798		13.8	136.5	<0.002	0.03	9.19	13.3	1	1.8	240	0.76	<0.05	14.4	0.286	1.74	3.9
N810799		16.1	102.5	<0.002	0.12	9.29	12.3	1	1.9	289	0.73	<0.05	13.1	0.294	1.84	3.6
N810800		14.9	119.0	<0.002	0.03	9.11	14.3	1	2.1	348	0.81	<0.05	14.0	0.332	1.57	4.4
N810801		23.7	90.1	<0.002	0.12	30.4	11.5	1	2.1	346	0.64	<0.05	10.7	0.298	1.78	3.2
N810802		41.2	72.8	<0.002	0.11	16.80	11.4	1	2.9	1255	0.61	<0.05	11.9	0.291	1.27	4.0
N810803		16.9	75.2	<0.002	0.19	8.66	10.3	1	2.0	272	0.59	<0.05	10.6	0.262	1.63	3.3
N810804		9.9	88.3	<0.002	0.13	8.59	9.0	1	1.7	199.5	0.51	<0.05	9.5	0.224	1.81	3.1
N810805		26.9	69.0	<0.002	0.05	10.10	12.1	1	2.5	474	0.65	<0.05	12.5	0.297	1.23	4.2
N810806		27.8	63.8	<0.002	0.04	10.50	11.7	1	2.5	509	0.65	<0.05	12.4	0.293	1.16	4.4
N810807		16.6	82.6	<0.002	0.09	7.92	10.0	1	1.6	204	0.61	<0.05	11.0	0.264	1.85	3.5



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**CERTIFICATE OF ANALYSIS WH12176021**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N810772		79	4.1	14.8	77	24.6
N810773		77	4.1	16.1	68	23.5
N810774		74	6.4	17.7	74	27.5
N810775		74	3.0	17.7	53	25.7
N810776		62	5.5	11.1	5620	27.6
N810777		79	3.6	16.3	64	25.3
N810778		81	3.6	18.9	57	27.0
N810779		72	2.9	15.9	43	25.4
N810780		3	0.3	0.8	15	<0.5
N810781		73	4.1	14.5	42	23.9
N810782		74	3.8	16.8	46	25.4
N810783		82	3.6	20.7	60	26.8
N810784		81	2.3	22.4	72	30.6
N810785		80	2.2	21.3	72	28.4
N810786		140	3.1	25.1	96	33.5
N810787		107	6.9	18.7	59	31.1
N810788		89	3.6	22.1	50	28.5
N810789		3	0.2	0.9	16	<0.5
N810790		82	2.5	19.4	48	31.3
N810791		75	3.4	19.0	33	27.7
N810792		77	3.8	22.3	38	32.7
N810793		63	6.1	14.1	3230	47.8
N810794		79	3.2	21.9	41	31.4
N810795		81	4.2	18.2	37	30.6
N810796		81	3.7	20.5	98	25.2
N810797		90	3.4	18.6	50	32.2
N810798		87	3.0	18.3	46	33.1
N810799		81	3.2	17.5	60	31.4
N810800		97	3.1	20.0	54	33.8
N810801		98	4.4	13.7	66	28.0
N810802		98	2.1	15.6	51	26.7
N810803		70	2.9	12.8	55	25.8
N810804		64	2.5	12.1	58	23.4
N810805		93	2.7	16.3	55	31.2
N810806		96	2.6	15.8	54	31.3
N810807		70	2.8	12.6	64	29.4



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**CERTIFICATE OF ANALYSIS WH12176021**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12176022**

Project: Klaza - 91

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
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 LIMITED  
 1016 - 510 W HASTINGS STREET  
 VANCOUVER BC V6B 1L8

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 Finalized Date: 19-AUG-2012  
 Account: ROCKHA

Project: Klaza - 91

**CERTIFICATE OF ANALYSIS WH12176022**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810808		0.22	2.19	24.1	5.98	3060	1040	1.28	17.95	2.23	73.4	39.1	10.3	19	13.30	437
N810809		5.01	<0.005	0.13	7.44	10.5	1740	1.56	0.47	2.05	0.10	45.5	2.4	11	10.25	1.3
N810810		6.08	0.006	0.21	7.68	27.7	2220	1.63	0.35	1.65	0.36	44.0	2.6	9	14.40	1.6
N810811		4.44	<0.005	0.18	7.54	22.9	1450	1.82	0.55	2.79	0.28	43.2	3.6	8	11.65	3.4
N810812		3.15	0.032	0.98	7.71	169.0	1140	1.77	1.03	2.10	6.33	49.5	4.1	8	15.75	7.3
N810813		3.27	<0.005	0.01	0.10	<5	20	0.07	0.02	21.2	0.07	1.26	1.4	1	0.22	1.5
N810814		7.12	<0.005	0.41	8.50	63.8	2400	2.06	1.53	3.43	0.48	38.5	12.1	28	24.1	29.9
N810815		3.97	<0.005	0.22	7.06	11.6	2940	1.34	0.46	2.50	0.08	38.4	7.2	8	10.10	6.7
N810816		6.51	<0.005	0.11	7.07	9.4	2840	1.36	0.17	3.24	0.10	34.0	3.5	8	8.72	3.6
N810817		3.76	<0.005	0.13	7.32	10.2	2330	1.30	0.26	2.41	0.08	36.7	5.9	9	10.55	4.7
N810818		2.30	<0.005	0.11	7.41	5.7	2340	1.33	0.27	2.35	0.10	40.3	2.8	9	8.11	2.8
N810819		3.00	<0.005	0.09	7.39	5.8	2450	1.31	0.23	2.34	0.07	38.6	2.8	8	8.16	6.2
N810820		7.25	<0.005	0.24	9.40	18.2	1740	1.41	2.21	7.14	0.32	51.3	3.2	11	20.3	6.5
N810821		3.91	0.018	0.64	6.19	115.0	3120	1.19	0.44	5.59	3.86	37.6	5.9	6	11.55	9.4
N810822		6.29	<0.005	0.15	7.55	6.5	2170	1.36	0.26	2.65	0.11	38.6	4.1	10	8.03	2.2
N810823		3.16	<0.005	0.17	7.28	6.2	3070	1.48	0.32	3.12	0.08	34.4	5.2	9	7.35	2.5
N810824		6.27	0.011	0.15	7.55	11.2	3320	1.29	0.40	2.56	0.08	43.1	17.4	9	7.62	2.2
N810825		6.70	<0.005	0.13	7.17	9.1	2010	1.37	0.29	2.62	0.10	37.4	11.5	9	12.75	2.5
N810826		5.12	<0.005	0.12	7.37	7.1	1840	1.47	0.18	2.66	0.19	38.2	6.8	10	8.97	3.3
N810827		7.10	<0.005	0.11	7.40	6.7	1850	1.39	0.18	2.59	0.10	38.9	6.5	10	8.61	2.9
N810828		<0.02	<0.005	0.11	7.49	6.7	1860	1.41	0.16	2.53	0.11	40.1	6.3	10	8.46	3.3
N810829		4.59	<0.005	0.11	7.12	5.9	1780	1.40	0.19	2.66	0.09	34.9	6.6	9	17.70	6.9
N810830		7.30	<0.005	0.20	7.58	46.9	1670	1.20	0.24	2.07	0.17	45.3	7.8	9	19.00	8.1
N810831		0.24	4.43	>100	5.42	7190	170	1.08	55.8	1.96	225	29.7	8.7	18	10.85	1255
N810832		4.61	<0.005	0.23	7.01	21.2	1460	1.32	0.24	2.17	0.22	37.3	6.9	8	19.10	11.6
N810833		2.47	<0.005	0.09	7.63	5.0	2000	1.27	0.17	1.96	0.09	35.9	6.8	10	12.25	4.4
N810834		2.96	<0.005	0.25	7.23	52.4	1510	1.40	0.27	2.38	0.24	48.3	7.7	10	16.85	2.9
N810835		4.56	<0.005	0.17	7.46	10.7	1600	1.19	0.51	1.89	0.15	43.3	11.3	9	14.70	2.6
N810836		6.19	0.071	0.22	7.53	14.5	2410	1.19	0.81	2.09	0.17	39.9	13.2	9	10.90	1.7
N810837		3.33	0.005	0.16	7.62	19.7	2710	1.42	0.44	1.66	0.35	53.9	8.7	10	13.55	2.5
N810838		4.44	3.27	33.6	4.03	>10000	60	0.74	3.37	4.20	411	27.4	7.3	4	6.98	113.5
N810839		3.00	<0.005	0.05	0.05	13	50	0.05	0.02	20.5	0.59	1.08	1.1	1	0.12	3.9
N810840		3.27	<0.005	0.12	7.66	10.4	1490	1.63	0.39	2.40	0.28	63.9	6.8	9	14.80	0.6
N810841		2.62	0.031	0.79	7.31	61.8	1160	1.62	0.44	2.57	8.07	47.2	6.1	9	14.80	7.2
N810842		7.71	<0.005	0.21	7.51	10.4	1870	1.50	0.49	2.74	0.58	42.6	9.7	9	10.05	2.0
N810843		3.32	0.013	0.12	7.47	11.9	1350	1.52	0.30	2.80	0.22	43.9	4.5	9	17.85	2.3





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Account: ROCKHA

Project: Klaza - 91

**CERTIFICATE OF ANALYSIS WH12176022**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N810808		6.64	14.15	0.14	0.9	1.625	2.61	21.9	22.8	0.91	1870	13.80	0.04	6.2	14.5	440
N810809		3.07	15.45	0.15	1.2	0.083	2.75	23.6	27.5	0.76	818	0.08	1.19	8.9	2.7	610
N810810		3.66	16.45	0.15	1.0	0.138	2.81	22.7	57.1	0.72	1060	0.07	1.11	8.6	2.6	650
N810811		3.52	15.95	0.14	0.9	0.177	2.98	23.5	59.0	1.12	1060	0.18	0.07	8.3	3.0	610
N810812		5.46	18.70	0.15	1.1	0.319	3.29	27.3	51.6	0.98	2350	0.31	0.05	9.1	4.2	670
N810813		0.48	0.40	0.27	<0.1	0.005	0.04	0.6	1.3	13.20	209	1.58	0.01	0.4	2.4	200
N810814		4.13	23.3	0.13	1.6	0.192	2.42	18.6	98.4	1.02	1380	0.34	0.05	9.0	10.3	970
N810815		2.54	14.20	0.16	1.2	0.042	2.08	19.5	37.5	0.85	758	0.05	0.95	8.2	2.6	600
N810816		2.66	14.40	0.14	1.1	0.036	2.79	17.4	15.1	0.79	674	0.07	2.26	7.9	2.5	580
N810817		2.98	15.00	0.15	1.3	0.039	2.96	18.1	14.0	0.80	660	0.10	2.08	8.3	2.6	620
N810818		3.16	15.10	0.16	1.3	0.040	2.77	20.5	11.1	0.90	640	0.08	2.17	8.0	2.6	600
N810819		3.04	15.30	0.16	1.3	0.039	2.88	19.5	10.6	0.88	628	0.09	2.21	8.1	2.6	600
N810820		6.96	33.9	0.18	1.5	0.474	2.08	23.8	37.7	1.18	2290	0.07	1.38	12.0	3.0	850
N810821		3.37	13.95	0.10	1.1	0.101	2.69	19.3	23.3	1.08	3190	0.14	0.57	7.2	2.1	520
N810822		3.06	16.00	0.14	1.2	0.049	2.89	19.3	12.3	0.87	683	0.15	2.06	8.2	2.8	610
N810823		2.95	15.40	0.15	1.2	0.078	3.01	16.9	13.1	0.78	715	0.10	1.45	8.4	2.7	630
N810824		3.38	15.00	0.17	1.1	0.081	3.11	22.7	15.1	0.78	660	0.19	1.79	7.9	2.5	570
N810825		3.11	15.00	0.14	1.3	0.046	2.89	18.8	69.4	0.83	597	0.45	1.44	8.6	2.7	600
N810826		2.95	16.00	0.15	1.4	0.043	2.79	19.0	13.1	0.84	576	0.55	2.18	8.7	2.7	590
N810827		3.00	16.10	0.16	1.5	0.042	2.89	19.2	12.0	0.84	574	0.35	2.05	8.8	2.7	620
N810828		3.04	15.70	0.16	1.5	0.041	2.84	20.7	11.4	0.86	568	0.32	2.04	8.6	2.7	610
N810829		3.00	15.15	0.14	1.3	0.047	2.79	17.2	17.2	0.70	642	0.32	1.94	8.2	2.5	560
N810830		3.04	16.35	0.14	1.4	0.045	2.82	23.2	48.5	0.70	789	0.56	0.25	8.6	2.5	630
N810831		8.11	12.55	0.15	1.0	4.43	2.24	15.2	29.2	0.63	2990	15.00	0.08	5.8	12.8	440
N810832		2.78	14.80	0.11	1.3	0.055	2.82	19.3	55.2	0.75	788	0.74	0.16	7.8	2.4	560
N810833		2.95	15.95	0.13	1.5	0.036	2.99	18.2	17.9	0.65	523	0.48	1.30	8.9	2.5	610
N810834		3.10	15.80	0.13	1.4	0.067	3.20	25.6	45.1	0.84	1380	0.61	0.12	8.4	2.5	560
N810835		3.24	16.05	0.14	1.3	0.057	3.03	22.1	24.0	0.74	867	0.67	0.22	8.3	2.5	620
N810836		3.82	16.10	0.14	1.3	0.084	3.23	20.1	21.8	0.80	837	0.33	1.03	8.4	2.8	630
N810837		3.70	17.25	0.15	1.3	0.121	3.78	30.1	38.8	0.73	1380	0.63	0.08	8.6	2.8	590
N810838		8.26	9.52	0.21	0.6	3.25	1.76	14.9	14.5	1.49	5230	5.14	0.02	4.2	1.8	290
N810839		0.51	0.24	0.05	<0.1	0.007	0.02	0.5	1.0	12.85	208	0.23	0.01	0.2	<0.2	170
N810840		3.07	16.85	0.14	1.5	0.045	2.79	34.9	52.5	0.89	631	0.57	1.16	9.4	2.2	620
N810841		3.15	16.55	0.13	1.3	0.111	3.51	24.9	31.8	0.85	1990	0.82	0.33	9.3	2.3	580
N810842		2.87	16.35	0.13	1.2	0.042	2.81	21.8	14.2	0.84	653	0.87	1.84	8.8	2.4	580
N810843		2.98	16.55	0.15	1.3	0.070	2.99	22.8	45.5	0.82	979	0.67	0.81	8.2	2.2	590



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N810808		2810	149.5	<0.002	4.85	83.3	7.7	1	7.7	91.3	0.42	0.33	10.8	0.177	5.1
N810809		20.8	105.5	<0.002	0.05	10.15	11.2	1	2.0	193.5	0.66	<0.05	14.7	0.291	2.7
N810810		26.1	124.5	<0.002	0.20	11.10	12.4	1	2.1	192.0	0.58	<0.05	12.8	0.290	3.6
N810811		21.1	150.5	<0.002	0.10	8.20	11.9	1	1.9	156.5	0.57	<0.05	13.1	0.281	6.0
N810812		154.5	172.5	<0.002	1.59	11.50	13.0	1	3.3	120.5	0.65	<0.05	15.6	0.306	6.5
N810813		1.7	1.7	<0.002	0.02	<0.05	0.2	1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	0.6
N810814		29.6	80.9	<0.002	0.40	38.5	12.8	1	3.2	280	0.62	<0.05	10.1	0.342	3.2
N810815		10.2	85.0	<0.002	0.14	7.76	10.7	1	1.7	190.5	0.58	<0.05	11.5	0.277	2.2
N810816		23.3	83.9	<0.002	0.05	6.42	10.0	1	1.5	356	0.57	<0.05	11.2	0.265	2.7
N810817		21.5	90.3	<0.002	0.13	3.43	10.7	1	1.8	340	0.60	<0.05	11.8	0.272	3.5
N810818		20.1	89.7	<0.002	0.01	3.09	10.8	1	1.5	392	0.58	<0.05	13.5	0.266	3.2
N810819		20.8	93.5	<0.002	0.01	2.95	10.6	1	2.0	391	0.58	<0.05	12.6	0.268	3.4
N810820		43.1	54.6	<0.002	0.12	20.5	12.9	1	3.6	620	0.84	<0.05	15.3	0.377	5.3
N810821		192.5	97.6	<0.002	0.65	8.49	9.0	1	2.1	266	0.52	<0.05	10.6	0.226	3.8
N810822		20.4	90.5	<0.002	0.05	3.08	10.9	1	1.5	397	0.57	<0.05	11.3	0.274	3.3
N810823		12.0	93.7	<0.002	0.15	3.41	11.1	1	1.5	336	0.54	<0.05	9.3	0.285	2.6
N810824		15.1	99.0	<0.002	0.26	2.75	10.3	1	1.8	319	0.57	<0.05	12.3	0.259	3.9
N810825		17.8	89.1	<0.002	0.08	5.45	9.8	1	1.5	310	0.68	<0.05	12.1	0.266	3.5
N810826		23.1	95.9	<0.002	0.02	3.07	10.2	1	1.5	377	0.71	<0.05	12.0	0.260	4.2
N810827		19.4	105.5	<0.002	0.02	3.27	10.4	1	1.6	367	0.69	<0.05	13.8	0.269	4.5
N810828		18.9	108.0	<0.002	0.02	3.13	10.3	1	1.6	367	0.67	<0.05	13.9	0.266	4.5
N810829		17.0	99.2	<0.002	0.02	4.51	9.9	1	1.8	347	0.62	<0.05	11.2	0.256	3.7
N810830		16.3	100.0	<0.002	0.09	15.00	11.1	1	2.0	158.5	0.62	<0.05	13.7	0.271	3.0
N810831		9520	123.5	0.002	7.13	217	6.8	2	8.4	119.5	0.39	0.44	8.8	0.180	5.1
N810832		17.5	94.2	<0.002	0.16	14.20	9.9	1	2.5	166.5	0.62	<0.05	12.6	0.247	3.7
N810833		18.4	101.0	<0.002	0.01	4.71	10.0	1	1.7	284	0.69	<0.05	12.4	0.273	3.7
N810834		21.9	120.5	<0.002	0.18	9.02	10.5	1	1.8	154.5	0.69	<0.05	15.1	0.252	4.8
N810835		18.2	108.0	<0.002	0.13	10.20	11.2	1	1.6	132.5	0.63	<0.05	12.7	0.277	3.0
N810836		18.0	109.5	<0.002	0.27	6.72	11.2	1	2.4	232	0.57	<0.05	11.8	0.283	2.9
N810837		29.7	169.0	<0.002	0.30	10.65	13.2	1	2.5	135.0	0.61	<0.05	13.1	0.269	3.8
N810838		4950	122.0	<0.002	7.42	140.0	6.2	3	4.1	100.5	0.31	<0.05	6.9	0.128	7.6
N810839		8.1	0.9	<0.002	0.03	0.18	0.2	1	<0.2	50.2	<0.05	<0.05	<0.2	<0.005	0.7
N810840		17.8	125.0	<0.002	0.05	5.70	12.6	1	1.6	279	0.97	<0.05	18.0	0.279	5.6
N810841		185.0	181.0	<0.002	0.57	8.44	11.7	1	1.6	162.5	0.84	<0.05	13.5	0.271	5.0
N810842		30.4	128.0	<0.002	0.08	3.36	12.0	1	1.6	343	0.70	<0.05	12.7	0.266	4.9
N810843		16.6	134.0	<0.002	0.16	5.68	12.0	1	1.8	237	0.60	<0.05	13.2	0.266	4.2



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Project: Klaza - 91

**CERTIFICATE OF ANALYSIS WH12176022**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810808		56	5.0	9.6	5360	26.0		
N810809		76	3.2	13.6	64	34.2		
N810810		84	3.8	15.1	85	28.0		
N810811		77	3.5	14.2	71	24.2		
N810812		87	4.7	14.7	542	30.8		
N810813		2	0.1	0.9	16	0.6		
N810814		134	9.0	14.1	80	52.1		
N810815		71	3.3	11.8	50	33.9		
N810816		70	2.5	13.1	57	31.6		
N810817		74	2.3	13.0	58	35.9		
N810818		74	1.9	12.9	64	34.3		
N810819		74	1.8	13.1	64	35.2		
N810820		172	3.0	18.9	85	43.5		
N810821		66	2.6	13.9	343	32.7		
N810822		78	2.0	13.5	55	35.4		
N810823		79	2.6	11.6	50	33.7		
N810824		71	2.5	13.4	50	30.6		
N810825		73	2.1	12.4	51	35.0		
N810826		73	1.5	14.2	52	35.0		
N810827		74	1.5	14.8	48	38.2		
N810828		74	1.5	14.7	48	38.5		
N810829		74	1.8	13.7	47	35.2		
N810830		79	4.5	15.3	55	36.7		
N810831		52	4.3	9.0	>10000	31.5	120	1.660
N810832		70	3.8	12.8	60	34.8		
N810833		75	2.8	13.6	55	41.8		
N810834		71	4.2	14.2	64	36.9		
N810835		82	3.6	14.2	62	34.3		
N810836		81	3.9	13.4	60	34.1		
N810837		77	3.2	15.5	66	36.5		
N810838		39	2.2	8.8	>10000	18.2		3.00
N810839		2	0.1	0.8	53	<0.5		
N810840		78	1.9	17.2	84	39.4		
N810841		76	2.7	15.4	564	34.5		
N810842		74	2.0	16.5	75	32.6		
N810843		75	2.2	15.0	64	36.3		



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**CERTIFICATE OF ANALYSIS WH12176022**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12176023**

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P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12176023**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813776		2.17	0.046	0.16	7.03	8.5	2100	1.55	0.43	2.54	0.09	43.0	5.9	9	6.86	59.2
N813777		3.20	0.009	0.34	7.07	23.4	1830	1.35	0.41	3.17	0.16	43.2	6.3	9	8.17	133.5
N813778		8.14	0.026	0.52	7.46	13.3	2140	1.54	0.43	2.60	0.26	45.3	5.6	9	8.31	190.0
N813779		7.53	0.008	0.43	7.40	10.0	2150	1.63	0.52	2.38	1.11	49.8	7.7	9	8.16	77.6
N813780		2.41	0.055	1.00	7.63	53.3	1420	1.43	2.59	1.95	2.33	54.0	4.5	9	14.05	121.0
N813781		<0.02	0.055	1.08	7.65	52.3	1410	1.55	2.74	1.90	2.37	55.7	4.4	7	14.30	122.5
N813782		6.98	0.019	0.41	7.47	18.4	2480	1.67	1.10	2.17	0.62	49.1	6.6	9	9.89	91.5
N813783		5.59	0.026	0.49	7.43	23.0	2490	1.33	1.66	2.64	0.69	57.8	6.9	9	10.65	123.5
N813784		5.69	0.008	0.35	7.40	20.0	2200	1.42	0.59	2.65	0.54	46.3	5.7	10	10.10	51.2
N813785		2.09	0.012	0.32	7.31	28.1	2010	1.68	0.58	2.61	0.46	48.2	8.7	9	10.60	48.9
N813786		2.28	0.005	0.33	7.03	17.0	1910	1.62	0.29	2.46	0.28	43.7	5.8	8	11.55	66.6
N813787		2.60	0.198	1.46	7.16	113.5	720	1.72	1.57	2.00	1.10	49.9	6.3	9	25.7	81.6
N813788		3.63	0.031	0.63	7.49	54.6	1860	1.34	0.72	1.58	0.83	54.5	5.2	8	17.10	173.0
N813789		2.59	0.133	4.63	7.14	195.5	1050	1.49	4.00	2.29	1.95	41.3	6.0	8	12.55	79.5
N813790		2.90	<0.005	0.14	0.07	5	30	<0.05	0.03	19.95	0.05	1.19	0.5	<1	0.16	2.6
N813791		6.61	0.015	0.43	7.05	15.8	2170	1.43	1.14	2.17	0.18	38.2	4.8	9	11.00	73.7
N813792		6.43	0.058	1.16	7.39	49.5	1980	1.40	2.40	2.54	0.83	39.7	7.9	8	12.85	246
N813793		3.58	3.47	23.4	7.19	373	570	1.48	23.1	1.26	1.91	45.8	8.9	8	14.50	1665
N813794		2.99	0.051	1.80	7.78	54.6	1130	1.68	2.03	2.43	0.36	51.3	8.6	8	24.7	203
N813795		2.24	0.445	46.5	6.00	281	420	1.20	126.5	2.37	3.05	64.9	14.1	7	15.00	253
N813796		4.50	0.045	0.48	7.53	17.1	2130	1.31	1.13	2.44	0.36	56.8	5.7	11	11.05	117.5
N813797		3.24	0.043	0.58	7.28	24.2	2320	1.37	1.63	2.51	0.61	53.7	8.1	8	12.00	88.6
N813798		6.38	0.020	0.32	7.22	17.9	1830	1.49	0.87	2.63	0.38	52.3	6.4	9	15.05	66.0
N813799		3.62	0.027	0.59	7.35	22.4	1530	1.16	1.52	2.73	0.25	82.3	5.5	8	11.85	52.6
N813800		3.86	0.044	0.55	7.31	21.4	2590	1.21	2.29	1.95	0.52	66.8	5.3	8	13.15	85.4
N813801		4.01	0.079	1.26	7.17	53.9	960	1.30	2.82	1.82	0.27	63.2	9.6	8	8.66	190.5
N813802		7.56	0.078	1.57	7.56	44.3	1120	1.33	3.21	1.74	0.41	67.9	10.8	10	9.35	120.0
N813803		0.25	4.39	100.0	5.23	8130	1240	1.07	52.6	1.90	213	32.8	8.0	17	10.35	1265
N813804		2.76	0.042	1.06	7.74	33.4	2290	1.96	2.47	1.77	0.39	92.5	16.2	8	14.95	152.5
N813805		3.34	0.114	2.01	7.47	58.5	1430	2.20	3.88	2.04	0.95	67.9	8.3	8	19.15	30.9
N813806		2.79	6.29	60.0	3.87	852	320	0.91	112.5	0.98	13.90	67.3	38.8	7	6.99	2660
N813807		3.06	<0.005	0.12	0.07	7	20	<0.05	0.21	21.5	0.09	1.56	1.6	3	0.17	6.0
N813808		2.29	0.055	0.57	7.31	42.7	2160	2.04	1.65	2.19	1.23	83.1	9.3	8	14.35	51.6
N813809		0.25	0.775	11.45	6.58	1840	1030	1.85	7.62	1.90	45.5	54.6	21.0	20	18.75	114.0
N813810		4.71	0.491	1.02	7.07	44.3	750	1.45	1.87	2.21	0.32	48.3	56.0	9	13.95	205
N813811		4.76	0.037	0.54	7.30	23.8	2690	1.26	1.20	1.80	0.90	61.8	7.2	8	13.45	105.5



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**CERTIFICATE OF ANALYSIS WH12176023**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813776		2.92	15.00	0.15	1.2	0.057	2.58	21.7	9.5	0.79	500	6.61	2.25	7.9	2.8	580
N813777		3.11	14.45	0.14	1.2	0.075	2.71	20.5	11.2	0.77	589	5.15	2.01	7.9	2.7	590
N813778		3.01	15.50	0.14	1.2	0.097	2.74	22.5	10.3	0.81	473	5.66	2.23	8.1	2.7	620
N813779		3.18	16.35	0.16	1.3	0.097	2.81	26.2	10.7	0.80	478	4.78	2.17	8.8	2.9	610
N813780		3.78	17.10	0.17	1.1	0.511	3.14	27.7	12.9	0.60	641	3.42	0.70	8.4	2.6	620
N813781		3.72	17.05	0.19	1.2	0.515	3.09	28.1	13.3	0.59	611	3.37	0.71	8.3	2.6	620
N813782		3.35	16.15	0.15	1.3	0.284	3.10	24.5	10.9	0.88	563	2.43	2.00	8.5	2.9	600
N813783		3.10	15.35	0.18	1.1	0.272	2.57	27.7	9.7	0.94	582	4.25	2.20	8.4	3.1	610
N813784		3.31	15.85	0.16	1.1	0.091	2.75	22.7	14.0	0.90	521	1.78	1.69	8.5	2.6	620
N813785		3.23	17.35	0.15	1.1	0.088	2.76	23.6	15.2	0.89	525	1.58	1.91	9.2	3.0	630
N813786		3.17	16.40	0.17	1.0	0.074	2.71	21.4	16.2	0.72	601	1.06	1.82	8.6	2.7	600
N813787		4.55	15.20	0.16	1.0	0.135	2.77	29.0	20.3	1.00	1380	1.86	0.04	7.4	3.0	560
N813788		2.85	16.05	0.16	1.1	0.108	2.93	28.4	27.3	0.59	686	5.74	0.12	8.2	2.4	630
N813789		3.95	14.60	0.15	1.1	0.208	3.13	21.9	8.3	0.68	713	3.49	1.15	7.2	2.1	540
N813790		0.44	0.18	0.10	<0.1	0.006	0.02	0.6	1.1	12.55	192	0.10	0.01	0.2	1.3	170
N813791		2.88	15.10	0.15	1.1	0.145	3.03	19.6	12.5	0.89	506	2.42	1.49	8.2	2.3	600
N813792		3.70	16.30	0.17	0.8	0.353	3.04	20.2	10.3	0.94	844	13.30	1.51	8.1	2.7	680
N813793		8.63	16.65	0.19	0.6	1.110	3.37	25.8	7.3	0.81	1900	3.84	0.04	6.6	2.9	640
N813794		4.19	17.30	0.18	0.9	0.187	3.45	27.6	12.3	1.02	1160	25.1	0.06	8.3	2.8	770
N813795		6.59	15.05	0.17	0.6	0.367	2.81	39.5	10.2	1.07	2560	25.0	0.03	6.0	3.7	560
N813796		3.41	17.20	0.14	0.8	0.142	2.99	32.5	14.3	0.85	482	14.60	1.60	8.1	2.6	690
N813797		3.47	17.00	0.12	0.8	0.122	2.77	30.4	11.5	0.78	519	9.42	1.56	7.8	2.8	660
N813798		3.31	16.80	0.14	0.8	0.096	2.66	28.6	15.7	0.71	534	29.4	1.59	8.2	2.6	660
N813799		4.27	16.45	0.16	0.7	0.161	3.08	52.3	20.5	0.96	534	21.8	1.41	7.7	2.8	630
N813800		3.65	15.80	0.13	0.8	0.296	3.08	39.4	13.8	0.91	495	2.08	1.88	7.6	2.4	610
N813801		4.45	17.55	0.16	0.7	0.426	2.90	38.5	10.2	0.86	639	1.77	1.26	7.8	2.9	600
N813802		4.97	16.30	0.17	0.7	0.290	3.13	41.4	13.4	0.95	928	1.02	1.19	7.3	2.8	610
N813803		7.89	11.35	0.17	0.9	3.77	2.27	18.3	28.5	0.61	2920	13.10	0.08	5.4	11.8	430
N813804		4.73	20.8	0.15	0.9	0.287	2.63	56.7	38.2	1.00	606	0.65	0.50	8.8	3.8	630
N813805		4.34	18.85	0.16	0.9	0.431	3.09	40.6	17.9	0.96	1590	2.08	0.47	8.4	2.7	600
N813806		17.25	13.25	0.33	0.4	1.810	1.84	39.5	8.7	0.52	2730	5.55	0.03	3.9	3.9	310
N813807		0.50	0.32	0.05	<0.1	0.009	0.03	0.8	0.9	12.75	208	0.16	<0.01	0.2	1.6	170
N813808		3.40	19.65	0.17	0.9	0.303	3.02	49.4	20.2	0.88	874	4.09	0.87	8.6	2.9	590
N813809		5.36	20.5	0.18	1.6	1.025	2.85	30.1	34.1	0.70	1980	15.65	0.25	9.4	18.1	500
N813810		3.97	17.20	0.16	0.7	0.402	2.60	25.1	11.5	0.67	702	4.33	1.39	7.1	4.5	570
N813811		3.47	17.55	0.17	0.7	0.203	2.71	31.9	27.2	0.63	818	3.24	0.09	7.4	3.3	570



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**CERTIFICATE OF ANALYSIS WH12176023**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N813776		17.5	91.7	0.003	0.27	2.23	9.6	1	3.1	357	0.69	0.16	12.4	0.249	3.6
N813777		19.0	94.7	0.002	0.44	3.11	9.7	1	2.8	320	0.71	0.23	11.7	0.256	2.7
N813778		21.4	111.5	<0.002	0.22	3.17	10.1	1	2.5	360	0.73	0.11	12.5	0.268	3.2
N813779		65.4	116.5	0.002	0.31	2.78	10.4	1	2.9	342	0.75	<0.05	12.5	0.268	4.0
N813780		94.6	160.5	<0.002	1.71	13.00	10.9	1	5.4	100.5	0.68	0.24	13.7	0.257	6.8
N813781		91.4	171.0	<0.002	1.68	13.60	11.1	1	5.4	98.4	0.66	0.20	14.0	0.253	6.5
N813782		33.3	134.0	<0.002	0.56	3.78	10.2	1	3.4	249	0.81	0.15	12.7	0.259	3.9
N813783		36.0	122.5	<0.002	0.87	2.92	10.7	1	3.4	227	0.73	0.36	13.9	0.257	4.7
N813784		40.0	116.0	<0.002	0.29	4.53	10.7	1	2.8	261	0.74	0.12	12.2	0.274	3.5
N813785		36.2	111.5	<0.002	0.31	4.16	11.6	1	3.0	276	0.71	0.12	11.3	0.278	3.9
N813786		19.5	103.5	<0.002	0.10	5.45	10.0	1	2.6	322	0.69	0.08	10.9	0.259	3.1
N813787		76.3	148.5	<0.002	0.87	32.8	9.9	1	5.5	71.4	0.63	0.06	13.5	0.236	4.7
N813788		62.6	124.5	<0.002	0.40	54.2	10.5	1	2.9	91.7	0.69	0.15	13.7	0.264	5.3
N813789		1205	149.5	<0.002	2.29	19.75	8.9	1	4.2	214	0.70	0.26	12.7	0.232	5.0
N813790		2.4	1.2	<0.002	0.01	0.21	0.2	<1	<0.2	44.0	<0.05	<0.05	<0.2	<0.005	0.5
N813791		22.6	112.0	<0.002	0.29	5.43	9.4	1	2.6	222	0.76	0.19	12.5	0.264	4.0
N813792		55.2	140.0	0.003	1.69	7.21	10.7	1	4.7	184.5	0.61	0.61	9.7	0.281	3.8
N813793		379	251	<0.002	7.26	23.7	11.1	2	10.4	33.9	0.45	1.06	8.4	0.249	2.6
N813794		46.1	184.0	<0.002	1.58	12.60	12.7	1	4.6	81.2	0.58	0.60	9.0	0.295	4.9
N813795		504	192.5	0.017	4.74	25.0	8.7	2	7.0	46.6	0.35	0.70	7.3	0.208	4.0
N813796		28.3	133.5	0.003	0.68	5.60	11.0	1	3.2	290	0.52	0.20	10.1	0.280	3.8
N813797		56.9	113.0	0.006	1.21	3.57	9.5	2	5.6	268	0.52	0.32	8.9	0.268	3.8
N813798		25.3	110.0	0.007	0.59	3.26	10.3	1	2.9	267	0.54	0.18	9.6	0.269	3.3
N813799		26.8	133.5	0.007	1.51	2.92	9.2	2	5.1	170.5	0.54	0.34	9.8	0.255	6.2
N813800		30.2	129.0	<0.002	0.83	3.19	8.9	1	4.4	217	0.56	0.32	11.0	0.256	4.1
N813801		27.1	162.5	<0.002	1.96	2.94	9.8	2	7.3	177.5	0.55	0.43	11.4	0.247	4.4
N813802		39.6	138.0	<0.002	1.71	4.71	9.6	1	5.4	180.5	0.48	0.43	12.4	0.253	3.5
N813803		9320	113.5	<0.002	6.95	212	5.6	2	7.3	111.5	0.38	0.43	7.5	0.182	4.6
N813804		34.4	130.5	<0.002	1.26	12.65	11.3	2	5.8	134.0	0.58	0.23	13.3	0.272	4.3
N813805		42.4	209	<0.002	1.79	10.15	10.8	1	6.5	119.0	0.59	1.21	13.0	0.248	8.3
N813806		1130	118.0	0.004	>10.0	69.5	6.0	4	9.9	36.7	0.27	4.83	7.0	0.112	3.2
N813807		3.5	1.6	<0.002	0.07	0.21	0.2	1	<0.2	54.4	<0.05	<0.05	<0.2	<0.005	0.7
N813808		21.1	173.0	0.003	1.19	6.54	10.6	1	6.1	183.0	0.60	0.30	14.1	0.243	8.3
N813809		1340	181.5	<0.002	3.13	39.6	10.0	1	6.9	152.5	0.72	0.30	13.7	0.207	6.1
N813810		28.5	115.0	0.003	1.72	9.33	10.2	2	3.6	171.0	0.56	0.44	10.0	0.236	6.0
N813811		48.0	111.5	0.002	0.69	26.4	10.9	1	4.0	108.5	0.54	0.21	12.0	0.254	5.3





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Project: Klaza - 93

**CERTIFICATE OF ANALYSIS WH12176023**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N813776		68	1.5	15.0	35	33.2		
N813777		71	1.9	15.4	38	33.5		
N813778		74	2.0	14.2	39	33.7		
N813779		72	2.4	15.7	102	34.9		
N813780		70	3.5	16.2	215	33.2		
N813781		70	3.4	16.1	216	35.2		
N813782		70	2.1	14.9	82	34.6		
N813783		67	2.0	16.7	84	32.1		
N813784		73	2.5	16.1	73	29.7		
N813785		75	2.1	17.6	68	31.3		
N813786		70	2.0	15.6	54	27.4		
N813787		65	4.7	13.9	144	27.2		
N813788		72	4.1	15.9	93	28.6		
N813789		64	3.0	12.9	177	27.8		
N813790		2	0.1	0.7	13	0.6		
N813791		70	2.3	12.8	59	29.0		
N813792		75	3.1	13.8	110	20.3		
N813793		75	6.9	9.9	195	18.5		
N813794		86	3.7	14.3	86	22.6		
N813795		63	6.7	11.0	379	15.8		
N813796		78	1.9	16.3	74	21.1		
N813797		76	2.6	14.4	67	19.0		
N813798		76	1.6	16.9	63	19.4		
N813799		76	1.9	16.7	66	17.7		
N813800		79	1.4	14.6	77	18.5		
N813801		80	2.3	13.1	65	17.5		
N813802		74	2.9	12.1	104	17.6		
N813803		51	4.0	8.4	>10000	28.3	162	2.12
N813804		79	3.9	17.5	96	21.6		
N813805		67	4.0	14.6	148	21.3		
N813806		40	5.5	18.0	1170	10.7		
N813807		1	0.2	0.9	16	<0.5		
N813808		72	2.4	16.7	284	21.4		
N813809		57	6.0	14.6	2990	48.4		
N813810		69	1.4	14.1	90	19.7		
N813811		72	2.5	16.4	179	21.2		



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**CERTIFICATE OF ANALYSIS WH12176023**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12176024**

Project: Klaza - 93

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12176024**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813740		3.03	0.062	2.27	7.37	150.5	1390	1.36	3.91	0.76	6.43	53.0	6.1	15	12.10	65.9
N813741		3.30	0.036	2.03	7.36	79.8	2120	1.47	2.62	1.90	10.30	48.3	5.5	15	10.45	69.2
N813742		2.39	0.009	0.12	7.36	15.2	2200	1.43	0.39	2.63	0.35	35.9	5.9	14	11.40	14.6
N813743		2.83	0.022	0.32	7.03	93.6	2430	1.15	1.70	3.26	0.46	45.3	5.5	10	12.15	26.7
N813744		<0.02	0.021	0.35	6.49	93.3	2380	1.07	1.60	3.09	0.43	42.8	5.5	9	11.95	24.6
N813745		4.21	0.029	0.68	7.31	47.6	2700	1.20	2.03	1.57	0.56	43.3	6.2	11	12.25	61.1
N813746		2.26	0.033	0.57	6.71	33.0	1470	1.37	3.53	2.89	0.24	41.7	7.2	9	9.78	51.0
N813747		4.52	0.012	0.16	7.04	11.8	2040	1.35	0.69	2.41	0.15	40.1	5.8	11	15.90	20.8
N813748		2.20	0.030	0.29	7.70	22.9	1890	1.56	0.78	2.74	0.22	47.1	7.1	10	24.1	84.5
N813749		2.28	<0.005	0.02	0.08	<5	20	0.06	0.02	20.7	0.05	1.12	1.4	<1	0.18	2.0
N813750		2.23	0.006	0.25	7.15	20.2	1880	1.43	0.32	2.68	0.27	41.2	5.4	12	12.20	43.9
N813751		4.32	0.015	0.16	7.15	18.6	2070	1.46	0.65	2.46	0.46	41.1	7.7	12	11.30	29.9
N813752		2.56	0.013	0.19	7.37	29.6	1640	1.51	0.60	2.43	0.55	37.4	6.5	10	15.60	50.2
N813753		7.27	0.008	0.11	7.47	8.6	2040	1.46	0.69	2.26	0.19	41.9	6.4	12	9.99	26.0
N813754		3.84	0.011	0.14	7.28	9.4	2020	1.50	0.56	2.50	0.28	42.2	6.5	13	8.54	21.1
N813755		2.59	0.023	0.36	7.27	43.7	1970	1.35	1.02	3.00	1.82	39.0	5.4	11	11.55	105.0
N813756		0.23	4.44	>100	5.50	8210	1300	1.06	59.8	1.92	221	38.1	9.9	18	11.80	1250
N813757		4.77	0.015	0.19	7.48	14.3	2170	1.45	0.78	2.54	0.41	46.2	7.2	14	9.29	34.5
N813758		2.51	0.056	0.39	7.40	39.4	1890	1.41	1.22	1.99	0.60	45.9	7.2	11	9.95	25.8
N813759		7.27	0.009	0.19	7.20	16.9	2110	1.51	0.46	2.68	0.34	40.0	8.2	16	9.71	20.0
N813760		3.27	0.168	6.64	5.39	116.5	170	1.15	12.10	4.18	1.52	35.8	13.7	8	17.75	78.1
N813761		3.44	<0.005	0.01	0.07	<5	20	0.05	0.03	20.6	0.06	1.19	1.4	<1	0.15	1.4
N813762		7.71	0.013	0.12	7.30	16.1	1820	1.44	0.52	2.68	0.19	48.6	7.2	11	12.45	31.9
N813763		2.84	0.054	0.32	7.43	35.5	2600	1.24	1.62	1.06	1.20	42.6	7.5	11	12.95	79.0
N813764		5.66	0.032	0.18	7.35	14.1	1860	1.48	0.92	2.42	0.13	47.9	6.9	12	9.76	64.4
N813765		6.17	0.038	0.30	6.91	39.0	1610	1.31	0.62	2.51	0.21	60.5	6.5	11	10.25	108.0
N813766		4.32	0.009	0.18	7.69	9.2	2000	1.65	0.32	2.42	0.13	53.1	7.0	13	8.91	51.0
N813767		1.65	0.010	0.16	7.48	9.6	1980	1.67	0.34	2.39	0.13	45.7	7.1	12	8.92	48.6
N813768		4.23	0.012	0.21	7.04	13.1	1910	1.46	0.67	2.31	0.16	42.1	8.0	13	9.57	53.8
N813769		7.44	0.009	0.21	7.50	16.7	1990	1.65	0.79	2.46	0.18	53.9	8.4	13	8.60	77.8
N813770		2.62	0.017	0.18	7.00	27.0	1730	1.55	0.65	2.82	0.20	42.4	9.0	11	12.70	56.5
N813771		0.23	0.719	10.25	6.51	1720	1090	1.44	6.80	1.80	42.1	46.5	17.8	19	16.60	105.0
N813772		4.68	0.018	0.32	7.06	26.3	2200	1.67	0.95	2.50	0.22	48.2	9.4	14	9.03	78.3
N813773		7.69	0.011	0.24	7.12	14.6	2040	1.65	0.54	2.46	0.20	48.6	7.5	12	8.24	123.0
N813774		7.25	0.026	0.69	7.35	11.0	2090	1.64	0.51	2.42	0.20	49.6	7.7	14	8.02	414
N813775		2.60	0.018	0.34	6.81	13.5	1980	1.58	1.55	2.42	0.21	45.0	8.2	11	10.05	88.4



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Project: Klaza - 93

**CERTIFICATE OF ANALYSIS WH12176024**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813740		4.25	16.45	0.14	1.5	0.306	3.14	28.1	10.3	0.53	1300	3.09	0.55	6.9	3.5	540
N813741		3.47	16.15	0.15	1.2	0.227	3.13	21.0	12.9	0.59	1200	2.89	0.78	7.2	3.4	670
N813742		3.02	17.50	0.12	1.3	0.076	2.77	17.3	9.9	0.72	623	5.17	2.19	8.2	3.4	610
N813743		3.29	16.45	0.11	1.1	0.151	2.02	22.5	25.1	0.62	806	6.42	1.02	7.6	3.1	620
N813744		3.17	16.10	0.12	1.1	0.148	1.99	20.8	24.2	0.57	769	6.49	0.98	7.6	3.0	590
N813745		2.98	17.15	0.13	1.2	0.153	2.66	21.8	25.9	0.55	731	4.44	0.63	8.8	3.1	620
N813746		3.64	16.20	0.11	1.3	0.143	2.63	21.6	26.7	0.78	856	3.05	1.04	7.4	2.7	540
N813747		2.95	16.10	0.12	1.2	0.077	2.78	20.5	14.5	0.78	613	24.5	1.31	7.9	3.5	570
N813748		2.72	16.95	0.15	1.1	0.305	2.92	24.5	13.4	0.70	621	5.23	1.52	8.2	2.9	630
N813749		0.46	0.39	0.29	<0.1	<0.005	0.03	0.5	0.8	13.05	210	0.18	0.01	0.4	0.6	190
N813750		2.98	16.40	0.13	1.2	0.113	2.67	20.3	12.3	0.74	562	3.69	2.02	8.5	19.8	600
N813751		3.22	17.05	0.16	1.2	0.149	2.73	20.3	10.4	0.84	636	3.73	2.17	8.4	2.9	580
N813752		3.56	17.95	0.14	1.0	0.142	2.71	18.2	14.2	0.79	773	3.88	1.71	8.2	3.0	660
N813753		3.11	17.25	0.15	1.1	0.114	2.74	20.8	15.9	0.75	512	9.07	1.82	8.6	3.0	640
N813754		3.18	16.85	0.16	1.0	0.073	2.71	21.2	10.3	0.78	593	12.35	2.30	8.0	3.2	620
N813755		2.73	16.75	0.16	1.0	0.148	2.94	18.9	15.0	0.48	690	15.25	2.04	8.5	3.2	660
N813756		7.89	13.75	0.13	1.1	4.61	2.24	20.5	28.6	0.63	2980	14.90	0.08	5.9	14.5	450
N813757		3.19	17.50	0.12	1.0	0.099	2.86	23.4	11.0	0.84	612	10.70	2.31	8.5	3.3	630
N813758		3.63	16.95	0.13	1.0	0.119	2.91	24.0	13.1	0.69	595	7.59	1.66	8.2	2.9	590
N813759		3.38	17.05	0.14	1.0	0.089	2.57	19.2	10.9	0.82	646	7.51	2.30	8.4	3.5	660
N813760		5.25	14.80	0.10	0.8	0.205	2.58	18.2	15.7	0.47	3680	17.70	0.06	5.8	4.2	470
N813761		0.45	0.32	0.16	<0.1	0.005	0.03	0.6	1.0	13.05	208	0.14	0.01	0.4	0.6	190
N813762		3.02	16.20	0.14	1.2	0.069	2.60	25.5	17.1	0.81	570	7.12	1.30	8.4	2.8	600
N813763		3.09	16.85	0.15	1.2	0.107	2.54	21.6	42.5	0.36	625	6.78	0.08	8.0	2.9	590
N813764		3.00	15.95	0.16	1.2	0.078	2.57	25.5	13.6	0.82	497	51.2	2.00	8.4	3.0	590
N813765		2.32	14.50	0.18	1.2	0.090	2.61	33.8	14.0	0.64	476	23.4	2.00	7.7	2.7	460
N813766		3.11	17.25	0.17	1.5	0.062	2.88	27.2	13.0	0.84	499	4.61	2.28	8.9	3.1	630
N813767		3.02	17.25	0.16	1.4	0.065	2.85	23.1	13.4	0.84	490	4.52	2.29	9.3	3.1	620
N813768		2.91	16.50	0.17	1.3	0.099	2.77	21.1	11.7	0.74	469	4.71	2.04	8.2	2.9	550
N813769		3.08	17.40	0.20	1.3	0.088	2.78	28.0	13.9	0.82	545	3.81	2.29	9.0	3.2	600
N813770		2.95	16.45	0.16	1.2	0.175	2.59	21.5	15.5	0.68	495	5.08	1.70	8.5	2.7	570
N813771		5.07	16.20	0.15	1.4	0.927	2.68	24.7	24.4	0.68	1920	12.50	0.26	8.1	16.5	470
N813772		3.15	17.85	0.17	1.1	0.170	2.56	24.4	13.2	0.84	536	7.25	2.24	8.9	3.5	600
N813773		2.99	16.55	0.17	1.2	0.110	2.61	25.0	12.3	0.83	508	4.26	2.19	8.7	3.1	570
N813774		2.92	17.15	0.18	1.4	0.115	2.66	25.6	11.6	0.85	490	5.00	2.26	8.7	3.3	590
N813775		3.12	16.75	0.18	1.2	0.086	2.68	22.7	10.3	0.69	436	3.65	1.90	8.6	3.1	590



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**CERTIFICATE OF ANALYSIS WH12176024**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813740		93.9	169.5	0.008	1.60	10.80	9.8	1	5.9	86.7	0.62	0.16	14.0	0.231	2.43	3.4
N813741		354	166.5	0.004	1.21	10.65	10.2	1	4.9	161.5	0.57	0.32	11.2	0.238	2.25	2.5
N813742		17.6	93.1	0.004	0.06	2.82	11.9	1	2.2	390	0.65	0.05	10.2	0.269	1.10	2.7
N813743		21.8	77.0	<0.002	0.31	12.45	10.8	1	2.7	196.0	0.57	0.24	11.0	0.242	1.01	3.0
N813744		21.3	70.7	0.002	0.30	12.30	10.4	1	2.7	189.0	0.58	0.28	10.3	0.242	1.04	2.9
N813745		38.5	106.5	<0.002	0.58	13.15	12.0	1	3.3	130.5	0.70	0.57	13.1	0.269	1.39	3.6
N813746		26.7	105.5	0.002	1.58	5.40	10.0	2	3.4	208	0.59	0.97	12.0	0.224	1.42	4.7
N813747		19.1	100.0	0.004	0.35	4.22	10.6	1	1.9	234	0.60	0.09	11.2	0.254	1.21	4.1
N813748		15.4	150.0	0.002	0.28	6.85	12.1	1	2.4	233	0.65	0.08	13.3	0.267	1.98	5.3
N813749		1.2	1.3	<0.002	0.01	<0.05	0.2	1	<0.2	37.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N813750		44.0	101.0	<0.002	0.13	2.98	10.7	1	1.8	339	0.68	<0.05	11.6	0.259	1.20	4.2
N813751		22.7	108.0	<0.002	0.18	3.31	11.1	1	2.6	316	0.73	<0.05	11.9	0.261	1.31	4.0
N813752		22.5	117.0	0.002	0.28	6.83	12.0	1	2.9	273	0.57	<0.05	8.7	0.285	1.61	4.3
N813753		19.2	92.1	0.003	0.06	9.09	11.7	1	2.9	302	0.62	<0.05	11.2	0.275	1.13	2.8
N813754		19.8	99.0	0.007	0.02	3.22	11.9	1	2.7	370	0.60	<0.05	10.5	0.275	0.97	2.7
N813755		56.1	120.5	0.007	0.32	7.00	11.8	1	2.7	255	0.62	0.14	9.8	0.290	1.63	5.2
N813756		9280	143.0	<0.002	6.79	206	8.2	2	8.8	123.5	0.45	0.52	8.6	0.187	1.90	5.0
N813757		27.4	103.0	0.003	0.11	2.92	12.4	1	2.4	385	0.63	0.08	11.5	0.281	1.13	3.4
N813758		44.2	134.5	<0.002	0.90	5.97	11.6	1	4.3	313	0.63	0.14	12.0	0.256	1.36	4.3
N813759		21.3	90.5	<0.002	0.10	4.03	11.6	1	2.3	388	0.62	0.05	9.0	0.284	1.12	2.9
N813760		142.0	119.5	0.013	3.88	28.6	8.5	2	6.7	73.4	0.47	0.64	7.8	0.194	2.03	5.1
N813761		1.5	1.3	<0.002	0.01	0.05	0.2	1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N813762		20.1	98.5	0.008	0.39	5.35	11.3	1	2.9	238	0.66	0.09	12.2	0.260	1.07	3.8
N813763		28.4	122.5	0.002	0.99	29.4	11.6	1	3.5	106.0	0.64	0.20	12.8	0.256	1.30	4.5
N813764		19.5	106.0	0.006	0.46	5.34	11.5	2	2.9	285	0.63	0.13	14.0	0.265	1.07	3.4
N813765		21.8	107.5	0.007	0.37	3.49	8.9	1	2.4	230	0.73	0.11	17.3	0.203	1.11	6.9
N813766		19.1	110.0	<0.002	0.05	2.14	12.0	1	2.1	369	0.79	<0.05	13.9	0.283	1.17	4.2
N813767		19.0	111.0	<0.002	0.05	2.19	11.9	1	2.2	375	0.76	<0.05	13.1	0.277	1.16	4.1
N813768		19.8	109.0	<0.002	0.33	2.77	10.8	1	2.4	300	0.68	0.19	12.1	0.244	1.33	3.2
N813769		22.7	121.5	<0.002	0.23	1.90	12.1	2	2.6	369	0.77	0.35	14.2	0.258	1.21	4.2
N813770		21.2	108.0	0.002	0.46	3.93	11.5	2	3.2	250	0.67	0.16	11.7	0.254	1.31	4.7
N813771		1275	166.5	<0.002	2.91	34.3	9.7	2	6.0	147.0	0.65	0.30	12.0	0.203	2.27	5.1
N813772		24.3	111.0	0.005	0.50	3.01	12.3	1	3.3	342	0.70	0.17	12.6	0.256	1.23	4.0
N813773		19.2	108.5	<0.002	0.22	2.05	11.7	2	2.6	375	0.69	0.11	12.7	0.255	1.10	4.1
N813774		18.1	106.5	<0.002	0.24	2.38	11.8	2	2.7	376	0.75	0.12	13.1	0.257	1.09	4.5
N813775		23.1	118.0	<0.002	1.22	3.33	11.4	2	3.1	257	0.68	0.60	12.6	0.243	1.38	5.2



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**CERTIFICATE OF ANALYSIS WH12176024**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N813740		70	3.6	11.6	677	35.7		
N813741		70	3.3	14.5	912	34.3		
N813742		74	1.6	15.9	74	33.7		
N813743		66	4.2	19.0	122	29.8		
N813744		67	4.2	17.8	121	29.2		
N813745		71	3.4	15.7	103	32.0		
N813746		60	3.0	15.7	49	33.4		
N813747		67	4.0	14.2	65	34.0		
N813748		72	3.6	17.0	63	31.2		
N813749		1	0.1	0.8	14	<0.5		
N813750		68	2.3	15.8	69	34.2		
N813751		70	2.5	16.6	76	31.3		
N813752		77	3.8	15.5	96	26.9		
N813753		75	3.2	16.0	46	29.2		
N813754		74	3.1	16.5	55	24.3		
N813755		76	4.4	16.1	162	25.4		
N813756		52	4.5	10.1	>10000	33.9	126	1.705
N813757		76	2.8	18.6	66	25.9		
N813758		69	2.5	17.0	77	28.9		
N813759		79	4.5	16.3	62	26.1		
N813760		54	5.5	18.3	195	21.2		
N813761		3	0.1	0.9	15	<0.5		
N813762		70	2.5	18.0	45	31.6		
N813763		70	4.7	14.7	198	30.1		
N813764		72	2.1	17.2	38	31.7		
N813765		54	1.6	15.7	35	32.2		
N813766		76	1.5	17.5	41	37.0		
N813767		74	1.3	17.9	39	38.9		
N813768		64	2.1	15.8	38	34.2		
N813769		68	1.8	19.1	42	34.4		
N813770		70	1.8	17.5	43	30.5		
N813771		55	5.2	12.7	2820	38.8		
N813772		71	2.0	18.2	43	31.1		
N813773		68	1.6	18.0	38	32.2		
N813774		69	1.4	17.6	37	36.6		
N813775		66	2.3	16.6	39	32.9		



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**CERTIFICATE OF ANALYSIS WH12176024**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12176025**

Project: Klaza - 94

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12176025**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812106		4.74	<0.005	0.09	7.69	37.9	1560	2.25	0.10	3.15	0.13	78.7	11.2	36	26.4	18.2
N812107		5.01	<0.005	0.22	6.72	17.9	1500	1.95	0.40	2.71	0.26	56.5	8.2	10	19.60	20.7
N812108		5.63	<0.005	0.14	6.89	8.6	1290	2.17	0.07	2.80	0.07	47.1	8.1	10	20.7	6.7
N812109		6.09	<0.005	0.07	7.50	3.6	1960	2.25	0.05	2.99	0.08	69.6	8.9	11	23.3	5.9
N812110		4.79	<0.005	0.07	7.39	3.9	2120	1.71	0.08	3.04	0.07	62.5	9.1	11	20.2	6.8
N812111		0.27	0.816	11.25	6.88	1910	640	1.72	7.52	2.00	44.3	54.2	18.7	20	19.25	110.0
N812112		5.47	<0.005	0.11	7.17	6.4	1850	1.50	0.09	2.92	0.14	49.8	8.8	10	23.3	10.0
N812113		5.46	<0.005	0.14	7.08	5.9	2010	1.54	0.27	3.34	0.08	54.3	8.2	11	19.65	9.6
N812114		4.32	<0.005	0.04	7.11	3.8	1750	1.75	0.07	3.45	0.05	50.4	8.8	11	20.5	10.2
N812115		<0.02	<0.005	0.04	7.04	3.1	1730	1.66	0.07	3.42	0.05	47.5	8.4	11	19.95	9.0
N812116		2.47	0.011	1.22	6.89	40.0	1050	1.61	0.29	3.71	4.58	52.7	8.4	8	17.65	19.6
N812117		4.22	<0.005	0.11	6.93	5.4	2020	1.61	0.12	3.79	0.10	53.7	8.2	10	18.90	7.9
N812118		3.03	<0.005	0.01	0.08	<5	20	0.08	0.02	20.6	0.06	1.53	1.5	1	0.18	1.4
N812119		5.00	<0.005	0.20	6.57	15.9	1520	1.89	0.52	3.83	0.19	47.5	8.9	9	16.20	7.8
N812120		2.89	<0.005	0.29	7.10	20.8	860	1.99	0.19	1.86	0.48	53.3	9.4	9	21.7	6.0
N812121		3.78	<0.005	0.10	7.34	5.4	1800	1.73	0.13	2.45	0.11	48.3	9.3	10	23.9	7.5
N812122		0.26	0.764	11.85	6.77	1860	1120	1.74	7.51	1.95	43.9	54.3	18.0	21	18.80	107.5
N812123		5.85	<0.005	0.13	7.04	10.2	1860	1.94	0.11	3.11	0.22	55.9	9.3	11	21.5	8.9
N812124		5.50	<0.005	0.07	7.09	6.8	2100	1.83	0.10	2.98	0.16	52.4	9.4	11	21.7	7.8
N812125		5.38	<0.005	0.06	6.79	4.7	1450	1.36	0.10	2.92	0.19	48.1	9.0	11	18.55	7.1
N812126		4.37	<0.005	0.09	6.60	8.9	2030	1.41	0.17	3.00	0.36	48.0	10.3	8	16.55	8.8
N812127		2.56	<0.005	0.07	6.61	5.0	1540	1.23	0.09	2.93	0.20	42.5	8.7	8	23.4	6.1
N812128		1.06	<0.005	0.06	6.89	4.4	1400	1.24	0.09	2.73	0.18	42.5	8.5	7	23.1	6.9
N812129		3.32	<0.005	0.10	6.85	6.8	2350	1.29	0.13	3.27	0.31	48.8	8.0	8	17.95	14.3
N812130		2.19	0.039	0.46	6.25	220	1290	1.23	0.14	3.55	2.09	41.1	7.8	8	15.60	11.2
N812131		4.14	<0.005	0.18	6.93	55.2	1040	1.37	0.09	2.73	0.85	41.9	8.2	10	21.7	5.3
N812132		4.21	<0.005	0.19	7.00	34.2	1970	1.28	0.09	4.29	1.13	53.7	8.2	10	16.05	12.6
N812133		2.98	<0.005	0.06	6.58	3.9	3380	1.31	0.23	5.12	0.15	51.3	7.5	8	16.25	4.6
N812134		3.45	<0.005	0.01	0.10	<5	40	0.05	0.04	21.5	0.05	1.38	1.3	1	0.19	2.0
N812135		2.34	<0.005	0.04	6.89	8.4	1080	1.41	0.12	3.02	0.13	43.2	7.8	9	11.70	1.9
N812136		1.83	0.008	0.32	6.46	183.0	1030	1.44	0.11	2.33	0.35	47.3	8.1	8	17.30	12.6
N812137		4.20	<0.005	0.10	6.61	37.6	1140	1.40	0.14	3.28	0.18	42.6	7.2	9	15.45	10.1
N812138		2.56	<0.005	0.05	7.13	4.0	1800	1.45	0.28	3.41	0.10	43.0	8.2	11	20.6	1.8
N812139		5.37	<0.005	0.06	7.34	2.2	2060	1.46	0.11	3.14	0.07	45.0	8.6	14	18.95	5.4
N812140		5.63	<0.005	0.07	7.13	4.4	1740	1.37	0.07	2.93	0.11	42.4	8.0	11	23.6	7.3
N812141		4.31	<0.005	0.15	6.90	10.7	1140	1.44	0.14	2.69	0.27	42.5	7.3	9	17.90	10.4



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Account: ROCKHA

Project: Klaza - 94

**CERTIFICATE OF ANALYSIS WH12176025**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812106		3.33	20.1	0.14	3.4	0.044	1.79	44.0	188.5	1.09	814	1.10	0.10	11.5	11.3	1170
N812107		2.72	17.60	0.13	1.5	0.042	2.63	31.1	84.1	0.66	1040	1.15	0.14	8.9	2.7	540
N812108		2.96	17.70	0.14	1.3	0.044	2.72	24.3	58.5	0.73	1020	0.92	0.93	8.8	2.9	600
N812109		3.08	19.05	0.15	1.5	0.037	2.78	37.8	21.2	0.70	778	0.97	2.09	9.5	3.0	620
N812110		3.19	18.70	0.14	1.5	0.037	2.73	33.4	58.9	0.80	738	0.90	1.78	9.5	3.1	640
N812111		5.62	17.45	0.16	1.5	0.989	2.99	29.7	31.3	0.73	2070	14.20	0.27	9.1	16.0	520
N812112		2.99	18.35	0.15	1.5	0.038	2.69	25.7	92.3	0.72	886	1.18	1.00	9.5	3.0	610
N812113		2.86	16.95	0.15	1.3	0.038	2.69	29.2	58.4	0.86	1080	1.03	0.29	9.0	2.8	590
N812114		3.09	17.60	0.19	1.5	0.034	2.82	26.0	39.3	0.62	831	0.91	1.55	9.3	3.0	600
N812115		3.10	16.95	0.14	1.5	0.036	2.79	24.5	41.0	0.61	830	0.75	1.56	9.0	2.9	610
N812116		3.43	17.55	0.15	1.3	0.091	2.88	28.5	37.9	0.76	2880	0.38	0.18	8.9	3.0	590
N812117		3.02	18.60	0.15	1.3	0.044	2.84	28.5	40.5	0.75	1220	0.48	0.13	9.1	2.9	580
N812118		0.45	0.36	0.06	<0.1	<0.005	0.03	0.8	1.2	12.15	194	0.13	0.01	0.3	2.1	170
N812119		2.93	21.0	0.13	1.3	0.061	3.31	24.2	25.9	0.65	1980	0.32	0.10	9.1	2.6	570
N812120		2.94	20.0	0.15	1.4	0.051	2.89	28.3	95.6	0.65	1620	0.85	0.04	9.4	2.9	600
N812121		3.22	19.45	0.16	1.4	0.045	2.81	24.6	50.4	0.69	923	0.68	1.17	9.5	2.8	630
N812122		5.49	17.55	0.18	1.5	0.949	2.95	30.2	31.1	0.71	2030	13.80	0.26	8.9	16.1	510
N812123		2.95	19.30	0.17	1.5	0.046	2.71	29.2	63.8	0.79	983	0.72	0.82	9.9	3.0	620
N812124		3.17	18.50	0.14	1.3	0.045	2.65	27.0	63.7	0.85	1000	0.59	0.63	9.3	3.1	630
N812125		3.01	17.40	0.16	1.3	0.047	2.49	23.7	59.6	0.82	979	0.61	0.72	9.1	3.6	610
N812126		2.96	16.10	0.16	1.3	0.034	2.50	24.2	46.0	0.86	1160	0.70	0.04	8.6	3.1	570
N812127		3.04	17.10	0.18	1.5	0.034	2.32	20.6	45.3	0.69	978	0.77	0.09	9.0	3.2	590
N812128		3.04	17.20	0.16	1.4	0.034	2.47	20.7	39.6	0.70	990	1.47	0.05	8.9	3.1	610
N812129		2.88	14.45	0.18	1.2	0.029	2.35	25.4	91.3	0.89	1140	0.89	0.04	8.0	2.9	580
N812130		2.85	12.90	0.15	1.0	0.031	2.67	21.9	32.7	0.81	2640	0.88	0.02	6.8	2.5	500
N812131		3.03	16.35	0.15	1.3	0.037	2.89	20.3	71.8	0.64	1680	0.89	0.04	8.6	2.9	630
N812132		3.07	14.10	0.19	1.1	0.035	2.67	28.9	28.2	0.86	1780	1.78	0.03	7.8	3.1	600
N812133		3.21	14.95	0.16	1.2	0.050	2.61	27.3	31.8	1.08	1420	0.40	0.13	6.9	3.0	490
N812134		0.47	0.26	0.05	<0.1	<0.005	0.03	0.7	0.9	12.70	202	0.28	0.01	0.3	2.8	200
N812135		2.97	16.30	0.12	1.3	0.037	2.71	22.1	37.9	0.73	1110	0.35	0.15	7.9	2.9	570
N812136		2.50	16.05	0.15	1.3	0.037	3.02	25.7	14.5	0.77	1820	0.57	0.03	7.7	2.9	460
N812137		2.99	15.15	0.13	1.2	0.036	2.88	21.8	18.6	0.97	1480	0.70	0.48	7.4	2.6	530
N812138		3.26	17.40	0.15	1.2	0.047	2.63	20.6	9.0	0.65	1040	0.41	2.10	8.6	3.1	610
N812139		3.24	17.30	0.15	1.3	0.038	2.77	21.5	9.8	0.88	795	1.06	2.04	8.6	3.3	630
N812140		3.06	17.00	0.17	1.2	0.038	2.79	20.0	41.9	0.79	854	0.86	1.14	8.8	3.0	640
N812141		2.99	15.30	0.15	1.1	0.036	2.62	21.5	62.8	0.85	1190	0.71	0.05	7.9	2.7	590



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**CERTIFICATE OF ANALYSIS WH12176025**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812106		17.7	99.0	<0.002	0.05	14.35	10.5	1	3.3	440	0.77	<0.05	12.8	0.364	0.95	3.0
N812107		24.3	128.0	<0.002	0.12	15.20	9.7	1	3.7	166.5	0.81	<0.05	16.6	0.232	1.67	4.6
N812108		18.3	128.5	<0.002	0.04	7.87	10.8	1	1.8	206	0.69	<0.05	12.0	0.262	1.60	6.5
N812109		19.1	132.0	<0.002	0.01	3.72	11.8	1	1.8	350	0.76	<0.05	16.5	0.270	1.27	4.3
N812110		20.6	101.5	<0.002	0.02	4.38	10.9	1	1.7	398	0.73	<0.05	14.5	0.276	1.10	4.2
N812111		1410	170.5	0.002	3.25	38.6	8.7	1	6.6	158.5	0.70	0.33	13.6	0.216	2.58	6.0
N812112		25.4	103.5	<0.002	0.04	6.42	10.4	1	2.0	300	0.75	<0.05	13.4	0.263	1.29	4.0
N812113		18.5	109.5	<0.002	0.08	12.30	10.1	1	2.4	195.5	0.73	<0.05	13.9	0.255	1.50	4.7
N812114		16.6	115.5	<0.002	0.01	6.38	10.5	1	1.8	313	0.77	<0.05	13.5	0.262	1.40	4.6
N812115		16.0	109.5	<0.002	0.01	6.10	9.9	1	1.8	310	0.75	<0.05	13.4	0.259	1.33	4.0
N812116		165.5	135.0	<0.002	0.51	24.0	10.5	1	2.9	163.0	0.70	<0.05	13.6	0.257	1.98	6.1
N812117		14.0	126.0	<0.002	0.07	11.25	10.7	1	2.6	187.5	0.72	<0.05	14.0	0.254	1.81	3.5
N812118		1.9	1.6	<0.002	0.03	0.09	0.2	1	<0.2	55.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812119		15.4	164.0	<0.002	0.18	25.7	11.1	1	2.7	146.0	0.70	<0.05	12.4	0.249	2.33	4.9
N812120		33.6	155.0	<0.002	0.16	35.3	11.9	1	2.0	136.0	0.73	<0.05	14.3	0.259	2.16	4.8
N812121		19.6	113.5	<0.002	0.02	9.02	11.6	1	2.3	242	0.76	<0.05	12.8	0.275	1.41	3.1
N812122		1370	170.0	0.002	3.19	38.2	8.8	1	6.5	157.0	0.69	0.32	13.7	0.215	2.66	5.9
N812123		20.2	118.0	<0.002	0.04	12.05	12.0	1	2.2	232	0.76	<0.05	13.4	0.277	1.58	5.3
N812124		16.4	107.5	<0.002	0.05	12.05	10.8	1	2.2	219	0.71	<0.05	12.7	0.266	1.42	2.9
N812125		16.7	100.5	<0.002	0.03	10.50	11.8	1	1.8	192.5	0.69	<0.05	11.1	0.270	1.39	2.6
N812126		13.6	105.0	<0.002	0.08	15.60	10.7	1	1.9	125.5	0.69	<0.05	11.2	0.250	1.65	3.4
N812127		19.0	89.2	<0.002	0.04	13.45	10.8	1	1.8	132.5	0.75	<0.05	10.8	0.257	1.26	3.4
N812128		16.8	97.0	<0.002	0.03	12.20	10.6	1	1.8	118.5	0.74	<0.05	10.9	0.263	1.34	3.2
N812129		14.7	99.3	<0.002	0.07	14.60	10.2	1	2.4	170.0	0.63	<0.05	11.7	0.250	1.22	3.0
N812130		102.0	122.5	<0.002	0.63	20.0	9.0	1	1.8	118.0	0.52	<0.05	9.9	0.225	1.64	4.9
N812131		29.2	118.0	<0.002	0.20	15.00	11.2	1	1.7	135.0	0.62	<0.05	10.7	0.281	1.83	4.7
N812132		57.0	133.0	<0.002	0.24	11.55	10.6	1	2.5	126.0	0.59	<0.05	12.4	0.257	1.72	3.8
N812133		12.4	128.0	<0.002	0.10	14.30	9.7	1	1.7	176.0	0.55	<0.05	10.6	0.228	1.61	5.3
N812134		1.4	1.6	<0.002	0.01	0.07	0.2	1	<0.2	43.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812135		13.0	120.0	<0.002	0.13	10.75	10.4	1	1.6	113.0	0.65	<0.05	12.0	0.248	1.58	4.6
N812136		74.9	180.0	<0.002	0.28	18.15	10.0	1	2.4	67.1	0.67	<0.05	14.1	0.214	2.17	10.0
N812137		18.2	127.0	<0.002	0.12	8.73	9.3	1	2.4	133.0	0.61	<0.05	11.3	0.231	1.85	6.9
N812138		18.5	103.5	<0.002	0.02	4.53	10.3	1	1.7	263	0.65	<0.05	10.5	0.279	1.34	3.7
N812139		17.3	106.0	<0.002	0.01	2.77	11.1	1	1.6	405	0.65	<0.05	10.6	0.278	1.14	4.2
N812140		20.5	101.0	<0.002	0.03	6.46	11.1	1	1.7	307	0.70	<0.05	10.1	0.283	1.41	3.7
N812141		29.6	102.0	<0.002	0.08	12.15	10.2	1	1.7	150.5	0.62	<0.05	10.4	0.254	1.66	4.3



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**CERTIFICATE OF ANALYSIS WH12176025**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N812106		80	3.0	17.3	75	121.0
N812107		63	3.1	16.0	65	36.3
N812108		74	1.3	15.6	61	32.0
N812109		78	1.8	17.0	56	36.8
N812110		78	1.2	16.7	56	37.1
N812111		59	6.0	13.4	3100	45.4
N812112		74	2.1	15.2	65	35.7
N812113		70	1.7	16.6	61	33.3
N812114		74	0.9	15.9	54	36.3
N812115		73	0.9	15.1	55	36.2
N812116		71	2.6	17.3	564	32.7
N812117		74	1.5	16.3	63	34.1
N812118		2	0.1	1.0	13	0.8
N812119		71	2.2	16.3	68	34.9
N812120		70	1.6	15.0	101	37.0
N812121		77	1.5	15.2	61	34.3
N812122		59	6.0	13.3	3050	44.1
N812123		78	1.5	17.2	90	36.8
N812124		74	1.4	15.5	72	34.0
N812125		75	1.5	16.2	72	30.4
N812126		70	2.8	16.0	81	31.0
N812127		72	3.7	15.6	66	33.7
N812128		73	3.5	14.8	65	33.4
N812129		69	2.7	16.4	88	29.2
N812130		64	1.6	15.0	177	24.8
N812131		80	2.8	14.2	130	31.3
N812132		69	2.0	16.8	126	27.5
N812133		75	1.4	19.9	77	27.6
N812134		2	0.1	0.9	13	<0.5
N812135		68	1.1	13.0	81	31.0
N812136		59	1.3	13.8	52	31.1
N812137		65	1.3	15.2	66	27.5
N812138		81	1.0	14.1	91	28.8
N812139		81	1.3	16.3	59	29.6
N812140		82	2.1	15.2	70	27.9
N812141		72	2.0	14.4	94	27.2



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**CERTIFICATE OF ANALYSIS WH12176025**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12176026**

Project: Klaza TR-12-36

P.O. No.: Batch 8

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12176026**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815073		4.37	0.009	0.34	7.38	61.3	1250	1.29	0.24	1.07	3.43	57.9	6.6	9	17.75	22.8
N815074		5.82	0.008	0.39	7.68	71.9	1360	1.16	0.31	0.41	3.83	55.6	7.5	9	13.40	32.3
N815075		6.58	5.73	>100	5.55	6270	1510	1.02	435	0.18	23.3	31.6	5.2	7	13.70	326
N815076		5.98	6.70	>100	5.17	9890	3050	0.99	619	0.14	31.6	31.8	3.2	7	12.30	522
N815077		5.76	1.075	64.2	5.87	7670	800	1.40	60.1	0.13	68.2	43.3	2.2	12	13.95	1280
N815078		6.25	1.180	39.5	6.27	3750	2180	1.14	27.8	0.10	26.7	46.5	3.1	13	12.25	620
N815079		6.94	0.049	5.14	7.49	566	1350	1.37	1.94	0.28	11.10	50.7	7.0	9	14.10	171.0
N815080		5.87	0.038	1.73	7.92	197.5	1300	1.07	0.82	0.32	3.63	48.9	6.1	9	14.20	45.1
N815081		6.00	0.145	6.92	8.75	700	1990	1.47	1.55	0.33	11.80	61.7	16.9	61	20.7	232
N815082		6.27	0.085	2.64	8.03	361	1490	1.29	0.79	0.26	6.59	53.0	8.8	15	19.20	85.4
N815083		6.28	0.022	0.91	8.18	200	1360	1.41	0.50	1.20	4.57	55.4	12.7	54	18.45	24.1
N815084		5.41	0.010	0.30	7.40	57.5	1230	1.27	0.39	0.69	2.72	58.9	6.6	8	14.55	10.5
N815085		6.16	0.014	1.01	8.40	102.0	1390	1.43	0.81	0.65	4.15	70.0	8.1	9	22.1	25.3
N815086		6.13	0.037	3.70	7.58	174.0	1240	1.46	0.59	1.13	3.56	54.7	6.6	11	11.70	25.7
N815087		5.85	0.014	1.48	8.00	186.5	1020	1.67	0.58	0.74	5.76	65.1	7.9	9	23.6	31.9
N815088		6.48	0.013	1.32	7.46	104.0	1040	1.71	0.38	1.06	3.67	55.8	5.6	9	13.70	26.2
N815089		6.34	0.012	0.89	7.47	170.0	930	1.80	0.72	0.49	5.13	56.4	6.5	9	27.2	32.3
N815090		5.67	0.008	0.54	7.81	89.3	910	1.21	0.37	0.65	3.06	51.9	5.9	7	22.3	18.6
N815091		7.02	0.016	1.75	7.67	284	820	1.26	1.61	0.20	4.92	49.2	8.1	8	33.3	176.0
N815092		4.38	0.156	9.46	5.94	490	1050	1.27	7.85	0.11	4.81	38.7	9.4	7	32.6	804
N815093		4.69	0.045	2.37	7.85	185.5	1280	1.27	1.38	0.67	4.23	53.4	7.4	9	10.75	75.7
N815094		0.27	1.265	32.9	7.85	520	1220	1.75	1.23	0.29	30.6	80.8	6.2	18	3.57	134.5
N815095		5.40	0.007	0.74	8.04	95.0	1410	1.54	0.43	0.81	2.99	56.6	7.6	9	13.35	29.1
N815096		4.50	0.011	1.26	7.78	117.0	1420	1.67	1.05	0.78	4.32	60.7	8.3	9	14.95	31.3
N815097		3.39	0.029	8.74	7.90	144.0	1070	1.69	8.33	0.30	6.74	59.3	7.3	9	20.8	62.5
N815098		3.74	0.012	1.77	8.33	271	1190	1.78	1.61	0.28	9.59	71.2	11.0	10	32.3	78.7
N815099		4.81	0.020	1.71	8.17	149.5	1170	1.92	4.21	0.68	3.74	59.2	9.5	10	20.1	40.0
N815100		3.19	0.018	0.96	7.65	28.0	580	1.72	1.08	0.97	2.28	48.5	4.9	9	9.95	18.4
N815101		3.26	<0.005	0.60	7.82	40.1	1340	1.75	0.28	1.14	2.77	53.8	6.5	8	12.75	17.6
N815102		3.82	<0.005	0.02	0.08	<5	20	<0.05	0.03	20.0	0.07	1.19	0.5	<1	0.14	2.2
N815103		2.24	0.005	0.99	7.37	70.7	1040	1.29	0.58	0.85	2.79	46.5	5.4	8	12.80	44.5
N815104		3.02	0.008	0.97	8.72	92.4	1130	1.24	0.85	0.32	3.11	46.0	3.7	9	11.45	34.6
N815105		2.71	0.009	1.90	8.13	160.0	950	1.47	0.61	0.60	5.11	60.6	5.7	9	24.1	82.1
N815106		2.50	0.013	1.39	8.12	67.1	1230	1.37	0.61	0.96	3.41	59.5	7.0	9	13.25	83.0
N815107		2.21	0.007	1.33	7.66	92.3	1240	1.38	0.49	0.87	6.90	63.6	8.1	11	18.50	110.5
N815108		2.65	0.006	1.00	8.25	192.5	1050	1.53	0.33	0.21	7.68	62.3	6.5	11	24.3	68.9





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Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12176026**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815073		2.50	14.45	0.11	1.0	0.038	2.67	29.2	11.7	0.41	1060	4.96	1.28	8.3	3.4	410
N815074		2.60	14.55	0.11	1.0	0.033	2.43	32.0	22.9	0.47	1410	6.36	0.50	8.9	3.1	430
N815075		7.95	10.70	0.16	0.6	1.985	2.28	27.5	12.7	0.20	2310	106.5	0.04	5.9	1.7	310
N815076		8.01	10.20	0.15	0.6	3.65	2.05	28.0	21.0	0.14	842	84.2	0.03	5.3	1.2	290
N815077		8.38	12.45	0.19	0.7	1.480	2.53	40.1	12.3	0.15	512	76.5	0.02	6.4	2.7	290
N815078		5.94	12.40	0.17	0.7	1.555	2.65	37.4	16.4	0.16	1320	62.3	0.02	6.7	2.7	310
N815079		3.68	14.70	0.10	1.0	0.210	2.98	29.8	21.8	0.29	2180	15.80	0.34	9.1	3.4	410
N815080		2.78	15.25	0.10	1.0	0.077	2.75	24.2	21.2	0.44	666	4.61	0.41	9.4	4.1	430
N815081		5.01	17.35	0.16	1.4	0.663	2.95	32.4	31.5	0.58	2740	23.0	0.16	11.0	22.0	910
N815082		3.11	16.00	0.12	1.0	0.142	2.73	29.6	33.2	0.44	1310	11.35	0.30	9.7	7.8	500
N815083		3.74	16.45	0.14	1.2	0.087	2.18	30.6	29.8	0.75	1040	8.73	1.11	10.9	23.3	810
N815084		2.40	14.50	0.10	1.0	0.025	2.42	24.9	17.5	0.65	678	2.90	1.17	9.6	3.8	390
N815085		3.07	17.40	0.12	1.2	0.114	2.80	32.3	20.1	0.70	1170	5.81	1.31	10.9	4.3	470
N815086		2.68	14.35	0.08	1.0	0.123	2.43	26.7	17.7	0.61	923	8.20	1.70	9.0	3.5	440
N815087		2.81	17.10	0.12	1.1	0.069	2.61	34.2	35.9	0.37	941	6.95	1.32	9.7	4.0	450
N815088		2.36	14.65	0.11	1.0	0.040	2.31	27.6	18.3	0.47	664	3.37	1.72	8.9	3.6	410
N815089		2.48	15.05	0.12	1.1	0.031	2.74	31.6	28.0	0.32	658	5.23	0.74	9.5	3.2	410
N815090		2.45	15.40	0.14	1.1	0.035	2.50	28.8	39.7	0.26	564	3.83	0.60	9.4	3.7	420
N815091		2.27	15.35	0.17	1.0	0.056	2.85	31.1	34.4	0.19	1450	15.90	0.04	8.6	2.9	410
N815092		3.17	13.25	0.16	0.8	0.411	2.54	27.6	14.8	0.24	1190	261	0.02	6.0	2.1	310
N815093		3.09	15.70	0.14	0.8	0.161	2.59	29.4	40.6	0.31	1090	22.3	0.79	8.5	3.8	450
N815094		5.39	22.2	0.21	2.4	0.250	3.41	37.8	25.8	0.28	1030	5.95	0.07	12.8	7.8	1750
N815095		2.67	15.90	0.12	0.9	0.033	2.37	26.6	20.2	0.56	621	3.80	1.20	9.0	3.7	460
N815096		3.06	15.80	0.14	1.1	0.058	2.48	31.4	30.4	0.54	1140	7.55	1.04	9.4	3.9	440
N815097		3.70	15.10	0.12	1.0	0.149	2.60	32.2	62.5	0.25	1740	14.25	0.28	8.7	3.1	440
N815098		2.89	17.05	0.13	1.1	0.094	2.66	42.2	44.2	0.21	2870	21.4	0.13	9.3	4.1	460
N815099		3.11	17.05	0.13	1.1	0.231	2.31	24.9	19.2	0.38	2140	12.65	1.24	9.0	3.7	450
N815100		2.18	15.70	0.10	1.0	0.075	0.97	15.0	19.0	0.73	629	1.82	2.87	8.8	3.5	450
N815101		2.51	15.40	0.13	1.1	0.028	2.53	25.1	19.8	0.60	489	2.16	1.85	9.0	3.3	410
N815102		0.44	0.19	0.07	<0.1	0.005	0.02	0.6	1.1	12.50	190	0.11	0.01	0.2	1.7	210
N815103		2.30	17.10	0.14	1.0	0.046	1.98	19.5	28.1	0.49	411	3.11	1.53	9.5	4.2	430
N815104		2.17	17.15	0.13	1.2	0.089	2.19	17.0	51.6	0.29	349	3.20	0.88	9.9	3.8	490
N815105		2.59	15.70	0.14	1.0	0.083	2.37	35.0	40.1	0.29	1100	5.96	1.01	8.1	4.3	460
N815106		2.87	14.50	0.13	0.9	0.054	2.52	32.4	15.2	0.68	619	2.70	1.86	8.0	4.6	440
N815107		2.35	14.90	0.14	0.9	0.052	2.66	34.7	14.8	0.44	1800	8.68	1.36	7.6	5.1	430
N815108		2.93	16.40	0.16	1.0	0.093	3.24	39.9	25.7	0.20	1780	12.75	0.17	8.0	4.4	480



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Account: ROCKHA

Project: Klaza TR-12-36

**CERTIFICATE OF ANALYSIS WH12176026**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815073		45.5	118.0	<0.002	<0.01	5.98	8.3	1	1.1	215	0.71	<0.05	18.1	0.224	1.27	1.6
N815074		58.9	111.0	<0.002	<0.01	7.29	8.8	1	1.1	131.0	0.83	<0.05	17.3	0.231	1.09	1.5
N815075		>10000	116.0	<0.002	0.59	617	6.6	2	1.9	57.3	0.54	0.31	15.4	0.153	1.80	9.3
N815076		>10000	106.5	<0.002	0.49	1005	6.2	2	2.8	106.5	0.51	0.26	15.7	0.137	1.87	12.8
N815077		9950	149.0	<0.002	0.15	195.0	8.7	1	2.8	64.3	0.63	0.12	14.6	0.165	2.18	10.3
N815078		6540	150.5	<0.002	0.14	125.5	8.6	1	2.7	43.0	0.72	0.05	16.0	0.183	2.40	7.3
N815079		618	164.0	<0.002	0.01	23.2	8.6	1	2.0	94.8	0.94	<0.05	18.1	0.212	2.02	2.8
N815080		134.5	127.0	<0.002	<0.01	10.80	8.6	1	1.4	117.0	0.95	<0.05	18.2	0.226	1.24	2.1
N815081		1020	170.0	<0.002	0.01	35.7	13.5	1	1.8	85.7	0.89	<0.05	16.9	0.343	2.16	3.6
N815082		158.0	143.5	<0.002	0.01	21.9	10.0	1	1.5	95.9	0.89	<0.05	17.4	0.250	1.60	2.4
N815083		96.9	117.0	<0.002	0.01	15.15	13.0	1	1.6	236	0.85	<0.05	12.8	0.357	1.27	2.4
N815084		24.8	114.0	<0.002	<0.01	6.90	8.3	1	1.5	198.0	1.04	<0.05	18.1	0.217	0.89	1.6
N815085		118.0	133.5	<0.002	<0.01	11.40	9.8	1	2.1	229	1.07	<0.05	21.2	0.248	1.19	2.1
N815086		500	110.0	<0.002	0.01	12.90	8.2	1	1.7	246	0.86	<0.05	16.1	0.227	1.01	2.1
N815087		129.0	137.5	<0.002	<0.01	8.65	9.7	1	2.8	166.0	0.91	<0.05	18.9	0.225	1.33	1.9
N815088		125.0	108.5	<0.002	<0.01	4.76	8.6	1	2.4	226	0.90	<0.05	18.4	0.214	0.97	1.8
N815089		31.4	141.5	<0.002	<0.01	36.1	9.3	1	1.3	108.0	0.93	<0.05	19.0	0.212	1.36	2.2
N815090		31.8	113.0	<0.002	<0.01	5.00	9.2	1	1.1	111.5	1.03	<0.05	18.7	0.228	1.11	2.5
N815091		249	150.0	<0.002	<0.01	39.6	10.6	1	1.3	38.5	0.90	0.05	19.8	0.225	1.82	3.0
N815092		1805	163.5	0.008	0.03	233	7.9	1	1.1	21.1	0.60	0.48	14.8	0.169	1.61	3.9
N815093		837	122.5	<0.002	0.01	15.25	9.8	1	1.4	147.5	0.78	<0.05	17.8	0.232	1.27	3.2
N815094		3730	184.5	0.003	0.60	70.0	14.6	5	21.8	397	0.82	0.33	8.2	0.433	2.05	4.3
N815095		47.7	109.5	<0.002	<0.01	6.01	9.8	1	1.8	197.5	0.80	<0.05	16.6	0.239	0.91	1.9
N815096		227	123.0	<0.002	0.01	6.40	9.7	1	1.6	176.5	0.92	<0.05	18.5	0.224	1.14	2.3
N815097		2320	139.0	<0.002	0.03	19.80	9.8	1	1.8	82.6	0.81	<0.05	17.9	0.233	1.70	3.1
N815098		356	148.0	<0.002	0.01	26.1	10.9	1	1.5	82.6	0.88	0.05	20.0	0.242	1.88	3.0
N815099		1065	132.0	<0.002	<0.01	10.15	9.8	1	6.1	160.5	0.81	<0.05	18.3	0.232	1.38	2.8
N815100		74.8	47.7	<0.002	<0.01	4.34	9.5	1	6.7	295	0.79	<0.05	16.3	0.226	0.52	1.9
N815101		31.1	108.5	<0.002	<0.01	3.73	8.9	1	1.3	267	0.84	<0.05	17.3	0.226	0.80	1.8
N815102		2.0	1.0	<0.002	0.01	0.09	0.2	<1	0.2	45.4	<0.05	<0.05	0.2	<0.005	0.02	0.7
N815103		104.5	96.0	<0.002	<0.01	6.46	9.5	1	2.7	185.0	0.87	<0.05	18.4	0.242	0.79	2.2
N815104		76.4	96.4	<0.002	<0.01	7.97	8.9	<1	2.8	111.5	0.95	<0.05	22.0	0.262	0.82	2.4
N815105		114.0	135.5	0.002	<0.01	14.35	9.4	1	1.7	131.0	0.83	<0.05	21.0	0.235	1.47	2.6
N815106		55.7	114.5	<0.002	<0.01	3.99	9.4	1	1.3	238	0.75	<0.05	19.5	0.234	0.96	1.9
N815107		73.3	137.0	0.002	<0.01	6.63	9.0	1	1.2	179.5	0.70	<0.05	18.7	0.227	1.56	2.0
N815108		65.8	166.0	0.002	<0.01	88.0	10.4	1	1.6	45.8	0.68	<0.05	18.7	0.243	1.81	2.7



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**CERTIFICATE OF ANALYSIS WH12176026**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815073		66	1.8	12.6	593	26.5		
N815074		70	3.2	15.1	870	24.9		
N815075		51	3.2	17.3	1380	16.5	279	1.480
N815076		46	3.0	16.9	1400	14.6	355	2.19
N815077		56	3.7	26.4	1750	18.2		
N815078		58	4.0	19.0	1370	18.5		
N815079		64	3.3	16.7	2000	23.3		
N815080		69	4.8	13.0	937	24.1		
N815081		100	12.1	21.3	2380	45.4		
N815082		76	3.9	15.9	1440	25.9		
N815083		102	6.2	18.3	617	39.1		
N815084		65	12.5	9.0	679	25.2		
N815085		77	8.6	12.1	791	28.8		
N815086		68	2.9	11.0	569	25.3		
N815087		73	3.3	12.7	891	29.2		
N815088		64	1.9	10.6	859	25.1		
N815089		65	3.2	14.5	784	28.7		
N815090		65	2.0	12.0	458	25.0		
N815091		64	4.1	15.8	709	25.9		
N815092		56	3.7	15.3	591	21.6		
N815093		69	3.0	12.3	910	22.5		
N815094		143	3.9	21.3	2400	66.6		
N815095		71	3.2	12.1	652	23.5		
N815096		68	3.2	14.1	755	26.8		
N815097		71	4.4	13.8	972	24.8		
N815098		76	4.9	15.9	535	28.1		
N815099		83	3.1	11.7	476	26.9		
N815100		68	7.8	7.1	340	26.7		
N815101		67	4.4	7.1	342	25.3		
N815102		2	0.1	0.8	15	<0.5		
N815103		67	4.4	7.7	400	27.1		
N815104		72	7.8	7.6	547	27.9		
N815105		68	3.5	13.3	795	23.6		
N815106		70	6.9	10.0	1140	23.6		
N815107		67	9.1	11.2	659	23.1		
N815108		77	7.5	12.4	491	25.1		



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Project: Klaza TR-12-36

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Finalized Date: 20-AUG-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12176026**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12176321**

Project: Klaza-88

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 18-AUG-2012  
Account: ROCKHA

Project: Klaza-88

**CERTIFICATE OF ANALYSIS WH12176321**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810664		0.28	4.16	97.8	5.03	7600	950	0.88	53.5	1.83	205	34.9	7.6	16	11.35	1190
N810665		2.85	<0.005	0.25	7.31	31.2	2230	1.35	0.24	3.00	0.39	44.6	8.1	15	13.15	8.5
N810666		4.24	0.013	1.10	6.76	101.0	1420	1.28	0.29	3.08	4.29	53.4	10.0	11	26.7	16.2
N810667		1.73	<0.005	0.07	7.29	3.6	2280	1.40	0.13	2.93	0.10	51.1	7.7	13	17.20	4.0
N810668		1.54	<0.005	0.16	7.04	5.6	2040	1.60	0.13	2.66	0.09	50.8	8.3	11	13.20	5.6
N810669		2.91	0.025	0.22	6.82	38.9	1590	1.38	0.28	2.65	0.52	45.3	9.0	12	20.2	4.2
N810670		7.88	4.64	>100	3.10	6570	130	0.65	72.7	3.09	324	24.6	66.2	7	5.09	1325
N810671		1.72	<0.005	0.10	0.08	6	20	0.07	0.06	21.1	0.22	1.46	1.2	<1	0.38	2.6
N810672		4.78	0.008	0.99	6.78	66.3	280	1.83	0.29	3.57	0.79	58.3	6.2	15	21.4	8.1
N810673		3.04	0.032	4.33	6.87	103.0	800	1.68	0.43	4.42	6.04	73.1	7.6	14	14.60	19.0
N810674		5.29	<0.005	0.22	6.79	18.0	1740	1.55	0.12	2.97	0.45	66.3	5.1	12	24.0	11.9
N810675		4.46	<0.005	0.53	7.02	21.5	1040	1.62	0.14	3.25	0.61	63.4	6.0	12	34.7	30.1
N810676		5.28	1.125	62.7	3.97	2130	230	0.79	58.5	1.29	23.5	59.1	49.4	13	7.97	1615
N810677		2.13	<0.005	0.06	0.09	<5	40	0.07	0.06	20.1	0.07	1.35	1.2	1	0.31	2.2
N810678		2.85	<0.005	0.28	7.34	10.1	2080	1.51	0.29	2.78	0.23	47.9	5.8	14	10.60	13.7
N810679		2.98	<0.005	0.20	7.25	17.4	2140	1.36	0.24	2.34	0.24	49.6	6.6	16	15.35	4.8
N810680		3.71	<0.005	1.28	7.42	14.3	1930	1.49	0.17	2.63	0.36	45.9	6.8	11	22.3	13.2
N810681		2.70	0.063	0.19	7.57	6.8	2010	1.37	0.12	2.73	0.24	50.6	9.4	16	16.10	6.5
N810682		3.19	<0.005	0.14	7.17	4.5	2010	1.40	0.08	2.75	0.21	49.1	7.0	9	13.55	6.8
N810683		<0.02	<0.005	0.15	7.00	5.6	2040	1.47	0.12	2.77	0.22	45.1	7.4	12	12.95	9.5
N810684		2.50	0.248	3.85	6.65	503	1320	1.46	1.25	3.26	2.26	51.6	9.8	14	14.30	21.8
N810685		3.57	<0.005	0.36	7.49	17.7	1990	1.53	0.26	2.71	0.45	54.6	8.0	13	15.70	44.0
N810686		4.39	0.099	0.92	6.92	321	1340	1.35	0.44	2.58	1.85	50.1	15.5	16	14.70	12.6
N810687		6.71	<0.005	0.09	7.06	12.6	1940	1.47	0.14	2.39	0.09	50.7	9.9	14	7.69	5.9
N810688		6.54	0.231	0.11	7.53	9.1	1970	1.49	0.15	2.67	0.11	55.9	9.3	13	9.97	26.5
N810689		2.81	<0.005	0.09	7.36	5.9	2060	1.44	0.17	2.66	0.11	50.9	9.0	13	8.49	11.3
N810690		2.96	<0.005	0.12	7.25	7.2	1950	1.57	0.20	2.58	0.20	50.6	9.8	14	8.19	16.0
N810691		2.33	<0.005	0.07	7.79	3.7	2070	1.66	0.10	2.83	0.10	59.9	8.5	10	4.16	14.3
N810692		3.02	<0.005	0.19	7.60	48.2	1160	1.83	0.28	2.01	0.44	41.9	9.4	21	21.8	5.6
N810693		0.26	0.773	9.71	6.37	1685	1230	1.48	6.37	1.83	43.9	44.1	16.9	19	16.15	108.5
N810694		3.98	<0.005	0.19	7.86	33.4	1070	1.54	0.29	3.51	0.28	60.7	8.2	14	25.6	4.9
N810695		4.95	<0.005	0.22	6.72	47.9	1200	1.62	0.39	2.15	1.16	35.9	8.2	13	24.4	7.0
N810696		6.00	<0.005	0.13	7.37	39.0	1510	1.66	0.18	2.24	0.58	51.6	8.1	11	14.85	5.2
N810697		4.67	<0.005	0.46	7.32	140.5	1040	2.23	0.55	3.21	5.41	50.7	7.9	12	29.4	9.4
N810698		4.87	<0.005	0.12	7.24	37.1	1040	1.71	0.10	4.14	0.17	66.7	9.1	30	27.7	18.8
N810699		5.57	<0.005	0.10	6.95	19.6	2120	1.46	0.25	2.50	0.13	45.3	7.5	10	21.9	6.0



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 Account: ROCKHA

Project: Klaza-88

**CERTIFICATE OF ANALYSIS WH12176321**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810664		7.58	11.00	0.19	1.0	3.96	2.13	18.4	24.9	0.58	2780	14.30	0.07	5.4	11.8	420
N810665		3.37	15.40	0.15	1.3	0.039	2.78	22.1	13.4	0.90	1100	1.94	1.72	8.0	3.2	600
N810666		2.93	16.20	0.15	1.3	0.129	2.89	27.8	43.2	0.94	1300	1.49	0.62	8.4	3.1	550
N810667		3.02	17.20	0.17	1.5	0.053	2.67	25.5	7.9	0.75	762	1.94	2.01	8.8	3.3	570
N810668		2.99	17.30	0.15	1.2	0.055	2.59	24.8	8.6	0.80	733	1.76	1.98	8.9	3.7	570
N810669		2.93	15.50	0.16	1.3	0.056	2.83	22.6	32.1	0.71	1250	1.16	0.99	8.3	2.9	560
N810670		16.55	6.54	0.33	0.5	2.86	1.35	13.6	5.0	1.17	3210	1.82	0.02	3.6	2.2	230
N810671		0.48	0.25	0.06	<0.1	<0.005	0.03	0.7	1.0	12.50	214	0.20	0.01	0.3	2.6	180
N810672		2.51	18.00	0.12	3.2	0.029	2.69	31.3	34.1	1.35	1080	1.31	0.03	9.5	5.5	970
N810673		2.55	19.70	0.12	3.1	0.067	1.47	39.5	70.5	1.60	1060	3.22	0.02	12.0	5.3	880
N810674		2.25	18.75	0.17	2.6	0.026	1.60	33.8	75.7	0.87	683	1.42	0.04	11.7	3.2	820
N810675		2.39	18.95	0.16	2.6	0.049	2.78	31.9	37.0	0.82	736	1.39	0.06	12.1	3.4	870
N810676		9.53	9.76	0.23	0.7	1.115	1.59	39.6	22.4	0.43	1050	3.49	0.03	4.8	3.2	330
N810677		0.45	0.29	0.05	<0.1	0.006	0.04	0.7	1.1	11.90	199	0.11	0.01	0.3	2.1	170
N810678		3.24	18.05	0.14	1.2	0.101	3.00	23.3	9.3	0.79	738	10.65	1.77	8.5	2.8	610
N810679		3.39	17.25	0.15	1.3	0.106	3.23	25.5	16.3	0.72	1040	2.41	1.27	8.0	2.8	590
N810680		3.23	16.85	0.15	1.3	0.060	2.95	22.2	27.8	0.76	936	2.40	1.57	8.7	3.0	660
N810681		3.31	17.10	0.17	1.1	0.046	2.90	25.6	16.5	0.82	955	1.91	1.83	8.4	2.9	610
N810682		3.01	16.20	0.15	1.4	0.038	2.63	24.6	9.2	0.79	810	1.40	1.99	8.0	2.9	590
N810683		2.97	16.10	0.13	1.2	0.056	2.58	21.8	10.0	0.78	819	1.01	2.00	7.2	3.0	600
N810684		4.79	14.30	0.13	1.3	0.239	2.53	28.5	21.2	1.12	3930	1.80	0.91	6.3	2.9	540
N810685		3.04	16.00	0.52	1.3	0.064	2.66	32.4	19.4	0.77	810	1.95	1.53	7.3	2.9	580
N810686		3.93	15.60	0.17	1.2	0.137	3.25	26.1	22.7	0.77	2900	1.71	0.24	6.8	2.8	530
N810687		3.13	16.00	0.25	1.2	0.073	2.67	25.9	14.0	0.82	788	1.59	1.75	7.3	3.5	560
N810688		3.23	17.10	0.20	1.5	0.060	2.50	28.0	16.6	0.85	738	1.38	2.05	8.1	3.4	650
N810689		3.15	16.60	0.15	1.3	0.064	2.69	27.1	11.6	0.82	839	2.04	1.91	7.5	3.3	580
N810690		2.95	16.25	0.17	1.4	0.045	2.51	24.7	12.2	0.80	681	1.86	1.99	7.8	3.0	590
N810691		3.28	17.25	0.27	1.8	0.046	2.45	31.5	12.6	0.93	704	2.60	2.28	8.1	3.3	630
N810692		3.10	17.85	0.14	2.1	0.047	2.43	19.5	65.8	0.22	745	2.45	0.55	8.5	4.7	830
N810693		5.08	14.65	0.15	1.5	0.916	2.61	23.9	26.8	0.67	1880	11.75	0.25	6.8	15.3	470
N810694		3.16	16.75	0.26	1.4	0.044	2.57	33.2	48.4	0.27	1150	2.18	0.71	7.6	3.6	630
N810695		3.00	18.05	0.13	1.4	0.051	2.48	15.2	79.3	0.19	913	3.48	0.34	8.8	3.6	660
N810696		2.97	16.65	0.15	1.4	0.032	2.49	27.2	42.9	0.45	653	1.69	1.42	7.8	3.3	600
N810697		2.93	15.45	0.23	1.9	0.039	2.48	25.5	44.3	0.35	1260	2.15	0.33	8.2	4.5	750
N810698		3.38	18.95	0.12	4.8	0.039	2.01	35.2	74.1	0.95	834	1.45	0.10	11.2	12.1	1710
N810699		2.76	12.95	0.14	1.6	0.037	2.17	22.2	43.4	0.76	731	0.93	1.38	7.5	3.1	600



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Finalized Date: 18-AUG-2012  
Account: ROCKHA

Project: Klaza-88

**CERTIFICATE OF ANALYSIS WH12176321**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810664		8870	120.5	0.002	6.61	206	5.8	2	7.6	105.5	0.39	0.48	7.5	0.168	1.87	4.6
N810665		34.1	101.0	<0.002	0.13	3.14	10.2	1	1.7	340	0.63	<0.05	11.4	0.259	1.29	4.0
N810666		171.0	122.0	<0.002	0.28	8.25	10.4	1	2.6	215	0.66	0.14	12.8	0.242	2.10	4.5
N810667		18.7	108.0	<0.002	0.04	1.67	10.9	1	1.6	431	0.70	<0.05	12.8	0.254	1.22	4.7
N810668		20.1	104.0	<0.002	0.05	1.26	11.0	1	1.8	372	0.69	<0.05	12.9	0.252	1.18	4.4
N810669		54.3	107.5	<0.002	0.26	3.87	10.0	1	1.8	250	0.68	0.11	11.3	0.249	1.66	4.1
N810670		>10000	79.0	<0.002	>10.0	219	3.3	4	11.7	77.1	0.25	7.58	5.3	0.103	1.29	2.1
N810671		10.1	1.9	<0.002	0.04	0.17	0.2	1	<0.2	45.4	<0.05	<0.05	0.3	<0.005	<0.02	1.9
N810672		50.9	161.5	<0.002	0.55	10.10	6.6	1	1.2	200	0.63	<0.05	8.7	0.263	3.13	4.0
N810673		508	103.5	<0.002	0.74	12.70	6.6	1	1.7	302	0.76	<0.05	10.6	0.246	1.95	6.6
N810674		30.9	66.1	<0.002	0.10	5.75	6.0	1	1.2	276	0.76	<0.05	9.7	0.236	1.23	4.6
N810675		43.2	104.0	<0.002	0.05	8.04	6.0	1	1.3	280	0.79	<0.05	9.4	0.256	2.07	4.6
N810676		2180	95.3	0.003	9.64	71.7	5.4	2	8.3	78.5	0.35	7.25	6.9	0.139	1.54	3.1
N810677		3.2	1.8	<0.002	0.03	0.11	0.2	1	<0.2	42.7	<0.05	<0.05	<0.2	<0.005	0.02	0.8
N810678		27.2	119.5	<0.002	0.05	3.30	11.7	1	1.9	356	0.65	<0.05	12.0	0.272	1.50	3.8
N810679		21.1	145.5	<0.002	0.17	4.24	11.1	1	2.2	285	0.65	<0.05	12.5	0.258	1.79	4.4
N810680		32.3	112.5	<0.002	0.10	4.75	11.7	1	1.6	311	0.66	<0.05	11.2	0.285	1.51	3.8
N810681		19.3	119.0	<0.002	0.15	2.08	11.2	1	1.6	358	0.63	<0.05	13.4	0.273	1.32	4.1
N810682		29.5	113.0	<0.002	0.03	1.72	10.7	1	1.4	369	0.59	<0.05	11.9	0.256	1.20	3.8
N810683		29.7	99.5	0.003	0.04	1.70	11.0	1	1.7	377	0.56	<0.05	10.4	0.269	1.31	3.1
N810684		444	137.5	0.003	1.41	9.68	10.6	1	3.6	256	0.53	<0.05	11.0	0.232	1.74	4.7
N810685		26.3	130.0	0.002	0.07	3.24	12.2	<1	1.8	329	0.60	<0.05	13.4	0.261	1.41	4.0
N810686		40.7	198.5	0.002	1.98	8.45	11.0	<1	3.3	115.0	0.55	<0.05	12.3	0.243	2.63	3.8
N810687		15.4	125.5	0.003	0.11	1.94	11.1	1	2.0	324	0.57	<0.05	12.0	0.257	1.34	3.6
N810688		16.7	103.5	0.002	0.08	1.49	12.6	1	2.2	378	0.64	<0.05	12.8	0.280	1.12	4.1
N810689		19.5	118.5	0.002	0.08	1.85	11.5	1	2.2	341	0.61	<0.05	12.7	0.260	1.38	4.2
N810690		24.8	110.5	0.003	0.09	1.10	11.7	1	2.3	351	0.66	<0.05	11.5	0.270	1.16	4.1
N810691		17.2	111.0	0.005	0.01	0.64	13.0	1	2.1	410	0.70	<0.05	14.4	0.284	0.97	4.8
N810692		17.3	94.5	<0.002	0.01	9.51	11.1	1	1.9	112.5	0.73	<0.05	9.7	0.321	1.85	2.8
N810693		1280	156.0	0.003	3.10	31.2	9.0	1	6.1	147.5	0.56	0.32	10.7	0.200	2.51	5.0
N810694		22.4	127.5	0.003	0.01	7.98	13.1	1	1.8	159.0	0.61	<0.05	13.7	0.282	1.73	3.3
N810695		22.2	107.0	0.002	0.02	10.00	12.2	<1	2.1	111.5	0.71	<0.05	8.7	0.296	1.89	2.6
N810696		18.1	112.0	0.004	0.02	4.76	12.0	1	1.8	247	0.63	<0.05	12.7	0.275	1.41	2.6
N810697		73.7	113.5	0.002	0.04	11.60	11.8	1	1.8	116.0	0.64	<0.05	11.2	0.289	2.04	4.6
N810698		13.8	64.2	0.005	0.02	16.65	8.0	1	1.3	344	0.74	<0.05	6.9	0.434	1.72	5.7
N810699		13.0	93.4	0.003	0.17	6.09	11.2	1	1.6	153.5	0.68	<0.05	12.5	0.264	1.66	4.2





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 Account: ROCKHA

Project: Klaza-88

**CERTIFICATE OF ANALYSIS WH12176321**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N810664		48	4.2	9.0	>10000	27.6			1.535
N810665		74	1.7	16.3	84	29.1			
N810666		67	3.2	16.6	388	30.3			
N810667		71	1.5	17.8	53	33.2			
N810668		70	1.4	17.7	53	29.1			
N810669		71	2.1	15.5	86	28.4			
N810670		29	5.6	5.8	>10000	12.6	188	1.950	2.50
N810671		2	0.1	1.0	33	<0.5			
N810672		55	4.8	13.8	108	119.5			
N810673		48	4.9	15.4	399	110.5			
N810674		46	2.5	13.3	87	81.9			
N810675		51	1.7	13.6	90	86.5			
N810676		38	3.3	7.2	1630	18.8			
N810677		2	0.1	0.8	16	0.5			
N810678		75	1.3	17.0	62	27.8			
N810679		72	2.6	16.5	68	27.3			
N810680		83	2.0	17.0	70	29.3			
N810681		76	1.7	17.3	65	25.8			
N810682		71	1.3	16.8	53	30.7			
N810683		74	1.1	13.6	56	27.2			
N810684		65	4.7	13.7	180	26.9			
N810685		71	3.0	16.4	65	30.0			
N810686		68	3.2	12.7	169	27.1			
N810687		70	1.4	14.5	50	27.7			
N810688		80	1.5	16.5	54	31.0			
N810689		72	1.1	15.2	51	28.7			
N810690		73	0.9	15.4	60	29.7			
N810691		78	0.5	18.0	52	35.5			
N810692		85	1.5	11.9	93	56.5			
N810693		55	4.9	10.8	2800	36.9			
N810694		79	1.2	16.1	67	29.9			
N810695		91	2.1	11.5	140	30.6			
N810696		74	0.8	14.1	89	30.8			
N810697		71	1.5	13.0	336	56.6			
N810698		84	1.6	11.6	77	177.5			
N810699		65	1.0	10.2	50	35.3			



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**CERTIFICATE OF ANALYSIS WH12176321**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12176322**

Project: Klaza-89

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12176322**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810362		0.23	0.583	9.95	6.34	1705	1040	1.56	6.54	1.82	44.4	44.6	16.9	17	16.45	109.0
N810363		5.00	0.009	0.32	6.99	23.0	3240	1.60	0.22	2.57	1.82	51.2	6.2	13	12.80	15.8
N810364		7.76	0.006	0.69	6.51	28.8	1670	1.74	0.40	7.34	1.84	55.8	8.0	12	14.25	30.5
N810365		3.82	<0.005	0.02	0.08	<5	50	0.09	0.03	20.7	0.08	1.17	0.6	1	0.14	1.7
N810366		5.98	<0.005	0.09	7.51	6.8	2070	1.55	0.16	2.44	0.16	45.7	6.2	13	7.98	6.9
N810367		<0.02	<0.005	0.14	7.30	7.2	2040	1.61	0.17	2.40	0.16	42.4	6.2	13	8.17	7.6
N810368		6.70	0.011	0.62	7.92	22.7	2300	1.58	0.62	2.38	2.31	50.5	8.2	25	10.65	17.3
N810369		4.19	0.005	0.99	7.05	32.9	1520	1.67	0.66	1.94	2.44	51.6	8.8	50	13.20	22.9
N810370		5.86	0.035	2.11	6.81	81.4	1220	1.58	1.09	2.53	17.30	48.3	11.2	21	17.60	28.5
N810371		11.16	0.007	0.43	7.12	24.7	1690	1.50	0.36	2.03	1.08	50.8	6.7	13	16.35	9.6
N810372		6.90	0.008	0.22	7.33	14.6	1930	1.31	0.31	1.56	0.36	46.6	6.8	12	13.65	14.5
N810373		5.00	<0.005	0.18	8.00	12.7	2320	1.40	0.26	1.31	0.21	54.7	6.9	11	15.25	13.1
N810374		5.22	<0.005	0.06	8.04	6.1	1830	1.31	0.11	0.99	0.08	57.7	7.4	14	18.30	12.2
N810375		2.92	0.007	0.05	7.71	6.8	1760	1.17	0.11	1.19	0.08	45.1	7.4	10	16.60	13.9
N810376		6.15	<0.005	0.15	5.36	16.3	1520	1.26	0.16	1.98	0.23	27.2	6.7	15	11.60	10.1
N810377		3.59	0.094	0.80	7.00	26.7	390	1.41	1.97	2.28	2.19	49.1	9.4	16	12.65	10.9
N810378		3.76	0.007	0.39	7.29	95.1	1890	2.14	0.49	3.84	0.78	33.7	23.7	285	21.8	32.4
N810379		5.14	<0.005	0.34	5.98	28	1360	1.11	0.19	10.25	0.76	39.1	8.0	44	12.20	18.1
N810380		6.56	<0.005	0.11	8.03	10.7	1770	1.54	0.12	4.45	0.15	35.2	17.5	233	9.59	27.3
N810381		4.22	<0.005	0.14	6.84	14.4	1700	1.43	0.17	2.84	0.21	43.8	6.9	21	9.13	22.5
N810382		0.24	0.768	9.95	6.34	1685	950	1.35	6.12	1.83	44.2	46.5	17.2	18	16.30	108.0
N810383		6.60	<0.005	0.17	6.98	6.9	1980	1.42	0.10	2.61	0.10	44.3	6.8	22	9.10	15.0
N810384		5.34	<0.005	0.15	5.86	8.2	1650	1.13	0.11	2.16	0.15	34.1	6.8	14	10.10	17.3
N810385		5.95	<0.005	0.12	6.40	9.8	1500	1.16	0.09	6.15	0.45	46.2	6.3	17	15.15	18.1
N810386		6.01	<0.005	0.08	6.95	6.4	1870	1.52	0.10	2.40	0.10	46.4	7.0	13	10.40	11.3
N810387		6.97	<0.005	0.06	7.10	5.0	2010	1.34	0.08	2.37	0.07	50.8	6.5	37	7.42	14.1
N810388		5.19	0.005	0.20	6.58	16.5	1600	1.28	0.14	3.15	0.15	43.7	8.8	15	16.25	12.0
N810389		12.05	<0.005	0.08	7.27	4.8	1990	1.46	0.09	2.60	0.42	49.6	7.3	16	7.10	13.9
N810390		8.36	<0.005	0.10	7.65	4.8	2060	1.58	0.10	2.95	0.53	51.4	7.9	13	8.51	15.2
N810391		3.91	0.006	0.16	6.81	20.6	1850	1.46	0.17	2.46	0.26	51.8	7.3	13	18.15	10.0
N810392		2.44	<0.005	0.02	0.12	6	30	0.05	0.04	20.5	0.08	1.40	0.6	1	0.20	1.9
N810393		4.18	<0.005	0.12	7.57	8.2	2000	1.57	0.12	2.90	0.12	46.9	7.1	15	13.25	11.3
N810394		4.10	0.008	0.14	7.11	8.6	1980	1.37	0.27	2.76	0.11	46.5	7.4	12	9.54	11.0
N810395		6.41	0.009	0.28	7.37	12.6	1970	1.45	0.19	2.08	0.49	51.1	7.0	16	18.45	11.6
N810396		6.50	<0.005	0.30	7.46	13.9	1790	1.60	0.15	2.52	0.33	47.3	8.1	12	17.75	18.9
N810397		7.29	<0.005	0.28	6.95	10.1	1630	1.30	0.14	2.18	0.22	43.3	7.0	14	18.65	6.4



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Account: ROCKHA

Project: Klaza-89

**CERTIFICATE OF ANALYSIS WH12176322**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810362		5.10	14.80	0.16	1.4	0.897	2.62	23.7	27.2	0.67	1880	12.05	0.25	7.0	15.8	480
N810363		2.95	15.60	0.12	1.7	0.061	2.53	28.3	43.2	0.82	969	1.27	0.08	7.6	2.9	550
N810364		2.67	14.50	0.18	1.5	0.065	2.39	31.6	20.2	0.75	1740	2.01	0.06	6.4	3.5	490
N810365		0.46	0.22	0.18	<0.1	0.008	0.03	0.6	1.3	12.85	208	0.63	<0.01	0.1	1.7	180
N810366		2.76	16.25	0.15	1.6	0.041	3.00	22.2	16.8	0.66	490	4.73	1.54	7.7	2.8	580
N810367		2.66	16.55	0.17	1.7	0.040	2.85	21.4	17.5	0.64	469	6.06	1.49	8.2	3.0	570
N810368		3.37	16.70	0.14	1.6	0.082	3.06	26.6	32.9	0.76	866	5.11	0.31	8.4	3.8	640
N810369		4.08	16.45	0.13	1.4	0.106	2.77	27.1	21.1	0.84	1610	3.27	1.00	7.6	15.1	570
N810370		4.08	14.55	0.14	1.4	0.315	2.61	27.6	27.2	0.91	1840	13.80	0.07	6.6	5.5	480
N810371		2.83	15.20	0.11	1.4	0.066	2.52	26.8	39.9	0.71	1090	3.44	0.08	7.4	3.5	570
N810372		2.89	15.95	0.08	1.6	0.044	2.07	23.9	36.2	0.56	866	3.84	0.06	7.5	3.1	590
N810373		2.94	17.00	0.12	1.6	0.042	2.03	29.9	42.9	0.51	784	2.92	0.07	8.2	3.0	650
N810374		2.83	18.25	0.13	1.8	0.036	2.66	32.2	33.2	0.35	524	2.97	0.10	8.7	3.3	640
N810375		2.79	17.60	0.14	1.7	0.031	2.58	22.5	32.5	0.35	566	2.94	0.09	8.3	3.2	620
N810376		2.48	15.65	0.29	1.6	0.042	1.82	11.3	51.5	0.43	699	4.84	0.06	7.9	3.9	570
N810377		4.92	15.55	0.12	1.4	0.094	2.64	25.6	27.6	0.74	749	8.96	0.40	7.0	6.8	550
N810378		4.16	15.70	0.14	2.0	0.081	2.55	16.2	47.2	1.37	1640	1.92	0.09	5.6	66.4	560
N810379		2.58	11.95	0.10	1.2	0.028	1.86	24.3	37.7	0.96	1310	1.94	0.07	5.2	14.2	460
N810380		3.83	16.05	0.10	2.1	0.037	1.65	16.5	59.6	2.08	951	1.72	0.23	6.7	60.9	670
N810381		2.74	16.05	0.09	1.5	0.040	2.42	21.3	17.8	0.79	737	1.81	1.73	7.3	6.7	550
N810382		5.10	15.30	0.15	1.4	0.925	2.59	24.2	26.7	0.67	1880	12.45	0.25	6.9	15.9	490
N810383		2.79	15.80	0.11	1.7	0.032	2.50	22.2	13.7	0.78	555	2.02	2.08	7.4	4.6	570
N810384		2.40	15.75	0.22	1.4	0.044	2.41	14.8	23.1	0.47	569	1.51	0.90	7.5	3.7	540
N810385		2.38	14.45	0.14	1.3	0.034	2.34	24.3	36.9	0.72	1040	1.51	0.09	6.9	3.1	520
N810386		2.64	16.35	0.15	1.5	0.038	2.52	23.8	17.0	0.71	540	1.04	1.85	7.3	3.0	560
N810387		2.76	15.65	0.13	1.4	0.032	2.53	26.2	13.6	0.80	538	2.98	1.99	7.5	3.1	550
N810388		2.78	15.20	0.11	1.4	0.046	2.41	20.8	19.2	0.82	785	1.12	0.93	7.0	3.0	540
N810389		2.87	16.10	0.12	1.4	0.037	2.58	24.2	12.1	0.79	622	1.75	2.11	7.5	3.0	590
N810390		3.03	16.80	0.13	1.5	0.039	2.53	25.4	14.3	0.87	715	1.80	2.29	7.7	3.7	630
N810391		2.93	16.05	0.14	1.5	0.055	2.54	26.5	20.4	0.75	1160	2.06	0.87	7.3	3.0	530
N810392		0.51	0.30	0.10	<0.1	0.006	0.04	0.7	1.2	12.75	226	0.17	0.02	0.2	1.9	180
N810393		3.00	16.80	0.17	1.5	0.044	2.77	22.6	14.7	0.78	924	1.50	1.98	7.7	2.9	600
N810394		2.84	15.60	0.14	1.5	0.042	2.63	23.3	10.0	0.77	818	1.87	2.06	7.2	2.8	550
N810395		2.85	17.50	0.14	1.5	0.084	2.68	27.3	25.6	0.64	1030	2.06	0.63	8.1	3.1	580
N810396		2.99	17.45	0.17	1.6	0.052	2.87	25.1	21.8	0.76	1230	1.42	1.22	8.4	3.3	590
N810397		2.80	16.55	0.13	1.6	0.032	2.52	21.8	29.0	0.69	1060	1.58	0.11	7.7	3.2	570



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Project: Klaza-89

**CERTIFICATE OF ANALYSIS WH12176322**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810362		1280	153.0	0.004	3.09	31.8	9.0	1	6.1	147.0	0.56	0.33	10.4	0.203	2.27	4.9
N810363		104.0	102.5	0.002	0.35	7.56	10.3	2	2.3	166.0	0.74	<0.05	13.0	0.236	1.54	5.1
N810364		105.0	114.5	0.003	0.40	12.40	9.5	1	2.4	177.5	0.56	<0.05	12.3	0.203	1.63	11.1
N810365		1.8	1.2	0.003	0.01	0.08	0.2	<1	0.3	51.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N810366		20.9	110.5	0.002	0.07	3.58	9.7	1	1.9	284	0.74	<0.05	14.6	0.259	1.20	3.9
N810367		21.3	110.0	0.002	0.07	3.83	10.1	<1	2.0	278	0.75	<0.05	13.4	0.248	1.17	3.6
N810368		93.2	118.5	0.005	0.49	6.98	11.5	1	2.5	144.5	0.69	0.08	14.4	0.283	1.57	3.7
N810369		136.5	136.5	0.003	0.34	6.01	12.8	1	2.8	205	0.61	<0.05	11.8	0.261	1.86	5.1
N810370		183.0	142.0	0.003	1.41	11.40	9.7	1	2.7	83.0	0.60	0.31	13.1	0.214	2.16	4.4
N810371		70.6	108.0	0.003	0.28	12.95	10.3	1	1.9	88.3	0.66	0.05	13.2	0.244	1.47	3.9
N810372		31.7	83.0	0.004	0.19	15.75	10.6	<1	1.9	68.1	0.67	<0.05	13.1	0.255	1.13	2.5
N810373		14.5	103.5	0.002	0.15	20.3	11.8	1	2.0	84.6	0.69	<0.05	14.8	0.268	1.06	3.6
N810374		14.7	131.5	<0.002	0.01	14.45	11.7	1	2.1	74.9	0.73	<0.05	15.9	0.278	1.18	2.7
N810375		15.9	121.0	<0.002	0.01	14.35	11.4	1	2.1	80.7	0.73	<0.05	13.8	0.268	1.14	2.4
N810376		12.5	35.5	0.002	0.11	21.1	8.2	1	1.9	85.9	0.73	<0.05	7.7	0.253	1.14	2.6
N810377		92.4	124.0	0.003	3.13	5.89	10.0	1	3.1	132.0	0.61	0.27	12.7	0.233	1.46	4.9
N810378		63.0	114.5	0.004	0.55	16.95	22.2	<1	1.4	117.5	0.42	<0.05	5.5	0.336	1.86	5.9
N810379		51.9	86.6	0.004	0.35	11.95	9.5	1	1.6	251	0.43	<0.05	9.8	0.195	1.13	8.1
N810380		16.1	45.6	0.002	0.06	14.40	18.6	1	1.5	193.0	0.53	<0.05	6.4	0.339	0.90	3.4
N810381		23.7	92.2	0.003	0.32	3.71	9.7	1	2.0	291	0.63	<0.05	12.5	0.239	1.26	4.2
N810382		1275	155.0	0.003	3.10	30.8	8.6	1	6.2	146.0	0.56	0.28	11.3	0.199	2.52	5.2
N810383		19.5	101.0	0.002	0.05	1.96	9.7	<1	2.0	356	0.68	<0.05	12.6	0.250	1.03	4.3
N810384		19.1	73.3	0.003	0.08	6.52	8.0	<1	2.2	179.0	0.65	<0.05	10.0	0.241	1.21	2.7
N810385		36.8	87.3	0.002	0.08	7.74	8.4	1	3.1	151.5	0.57	<0.05	12.0	0.220	1.24	3.1
N810386		18.2	105.0	0.002	0.04	2.47	9.6	1	2.2	318	0.61	<0.05	12.2	0.242	1.20	4.6
N810387		16.3	113.0	0.002	0.03	1.89	9.8	<1	2.2	344	0.64	<0.05	13.7	0.243	1.07	4.4
N810388		16.5	88.3	0.002	0.22	4.18	9.2	1	2.3	192.5	0.63	<0.05	11.4	0.231	1.26	3.4
N810389		20.0	98.1	0.003	0.03	1.49	9.8	<1	2.3	347	0.65	<0.05	12.5	0.255	1.09	4.0
N810390		17.3	104.0	0.002	0.04	1.73	11.1	1	2.1	374	0.68	<0.05	12.7	0.270	1.05	4.5
N810391		20.3	118.0	0.002	0.23	9.09	9.9	<1	2.0	174.0	0.63	<0.05	13.4	0.232	1.51	4.8
N810392		1.7	1.8	<0.002	0.02	0.07	0.2	<1	0.2	49.5	<0.05	<0.05	0.2	<0.005	<0.02	0.6
N810393		17.1	102.0	0.004	0.10	1.88	9.6	1	1.8	331	0.71	<0.05	12.8	0.259	1.32	4.4
N810394		17.1	102.5	0.002	0.18	1.52	9.1	1	1.7	342	0.67	<0.05	12.3	0.240	1.21	4.2
N810395		56.5	119.0	0.002	0.18	10.70	10.7	<1	1.9	158.0	0.70	<0.05	14.6	0.247	1.38	4.2
N810396		61.4	125.5	0.002	0.19	8.29	10.4	1	2.0	228	0.75	<0.05	13.9	0.258	1.54	4.9
N810397		17.1	88.3	0.002	0.09	13.55	10.3	1	1.7	93.5	0.65	<0.05	12.7	0.244	1.30	4.4



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**CERTIFICATE OF ANALYSIS WH12176322**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N810362		55	5.0	10.4	2810	36.8
N810363		62	3.5	12.7	172	37.3
N810364		56	1.7	17.9	148	34.4
N810365		3	0.1	0.7	15	0.5
N810366		68	3.5	13.7	41	37.6
N810367		65	3.1	14.1	38	43.4
N810368		76	5.0	14.7	189	41.5
N810369		77	4.6	13.1	234	40.6
N810370		60	3.9	11.4	1200	32.5
N810371		65	6.3	13.4	125	34.5
N810372		69	10.0	13.6	65	38.4
N810373		70	7.6	16.3	52	39.5
N810374		73	4.6	15.6	38	44.6
N810375		71	4.6	13.4	38	41.2
N810376		68	6.9	9.5	52	37.8
N810377		65	2.6	11.4	174	35.3
N810378		145	3.8	15.6	132	62.3
N810379		64	2.2	16.3	107	31.6
N810380		125	4.2	13.0	79	61.0
N810381		67	1.2	12.9	62	40.2
N810382		54	5.2	11.4	2780	37.9
N810383		69	0.6	14.7	44	44.1
N810384		66	2.5	10.4	43	32.5
N810385		59	3.3	16.0	73	32.9
N810386		65	0.7	14.2	40	43.6
N810387		66	1.2	15.2	38	35.1
N810388		64	2.0	14.7	46	33.8
N810389		68	0.8	15.5	62	39.5
N810390		76	1.0	16.7	73	36.6
N810391		66	1.7	15.2	66	37.7
N810392		3	0.1	0.9	17	0.6
N810393		70	1.2	14.8	50	39.2
N810394		65	1.1	13.5	47	36.3
N810395		65	2.6	16.0	69	44.3
N810396		71	1.7	15.3	69	43.4
N810397		70	2.2	15.1	57	45.9



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**CERTIFICATE OF ANALYSIS WH12176322**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12176323**

Project: Klaza-89/92

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12176323**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810398		5.64	0.018	1.23	7.16	62.9	1220	1.73	0.45	1.73	10.30	46.0	7.1	9	18.25	25.4
N810399		3.28	<0.005	0.05	0.06	<5	20	0.05	0.03	20.1	0.07	1.07	0.6	<1	0.15	2.2
N810400		5.61	<0.005	0.23	6.94	10.4	1690	1.45	0.16	2.46	0.26	37.0	6.8	11	16.40	12.0
N812001		3.71	0.018	0.69	7.08	44.6	2900	1.50	0.22	2.21	2.61	40.6	7.1	10	17.70	18.0
N812002		6.34	0.008	0.22	6.50	13.7	1580	1.39	0.22	2.49	0.16	33.5	6.7	11	16.35	12.6
N812003		10.86	<0.005	0.62	7.10	8.4	1610	2.07	0.17	3.01	0.20	54.3	5.5	13	21.2	10.6
N812004		0.26	0.835	9.53	6.32	1715	310	1.46	5.80	1.78	37.4	37.6	16.6	20	14.65	108.0
N812005		9.82	<0.005	0.88	6.95	12.1	2370	2.05	0.22	2.64	0.30	59.1	5.8	12	20.7	6.4
N812006		10.86	<0.005	0.22	6.75	8.4	1980	1.50	0.23	2.38	0.13	39.7	7.6	12	8.03	11.8
N812007		5.35	0.007	0.74	6.73	22.9	2380	1.51	0.21	2.53	0.80	44.1	7.6	11	13.95	12.9
N812008		9.09	<0.005	0.79	6.74	12.6	2170	1.49	0.34	2.39	0.13	49.9	8.4	12	7.03	9.8
N812009		7.52	0.020	0.35	7.56	10.3	2240	1.58	0.66	2.51	0.19	49.1	8.6	13	7.83	24.9
N812010		6.24	<0.005	0.16	7.63	6.9	2320	1.47	0.16	2.49	0.12	44.3	7.6	13	6.98	12.9
N812011		2.91	0.008	0.80	6.98	20.8	680	1.41	1.05	2.86	36.7	36.0	9.5	10	8.65	20.3
N812012		0.26	2.32	27.0	5.84	3250	1200	1.27	18.80	2.07	71.8	40.1	10.9	18	12.90	417
N812013		3.92	0.012	0.52	7.57	16.8	2360	1.54	0.38	2.35	0.36	42.3	10.0	15	6.86	34.0
N812014		6.99	0.013	0.40	7.33	19.1	2150	1.58	0.77	2.20	0.26	42.0	14.4	11	7.63	51.2
N812015		3.53	<0.005	0.19	7.81	9.4	2400	1.56	0.28	2.49	0.18	43.0	7.7	12	6.37	25.6
N812016		5.76	0.007	0.11	7.24	7.0	2160	1.56	0.14	2.48	0.12	42.8	7.7	14	5.00	17.4
N812017		3.43	<0.005	0.10	7.45	7.1	2570	1.58	0.34	2.53	0.12	49.5	6.9	10	7.70	26.5
N812018		2.15	0.006	0.13	7.67	10.3	2740	1.64	0.52	2.55	0.15	53.3	8.3	11	9.52	43.5
N812019		4.79	0.013	0.65	7.43	20.4	2140	1.52	1.38	2.11	10.05	50.7	7.2	8	16.90	109.0
N812020		6.55	0.017	0.62	6.45	40.5	3560	1.87	1.90	2.83	0.78	40.8	11.1	8	20.7	107.5
N812021		2.27	<0.005	0.05	0.09	<5	40	0.06	0.03	20.4	0.07	1.40	0.6	1	0.32	3.4
N812022		8.36	0.009	0.29	7.38	20.2	2090	1.71	1.45	2.23	0.15	52.1	9.2	10	15.60	58.2
N812023		3.57	0.028	3.31	7.24	103.0	450	1.58	1.58	1.94	16.40	48.6	10.5	8	13.75	32.7
N812024		6.33	0.351	5.78	7.34	186.0	470	1.32	4.59	1.44	4.82	56.1	7.9	10	11.35	401
N812025		4.51	0.104	25.0	7.06	96.9	870	1.71	39.9	2.18	52.3	63.3	12.8	8	18.25	346
N812026		5.35	0.069	3.98	7.07	104.5	1490	1.42	5.86	2.45	8.86	48.5	6.1	8	21.1	47.7
N812027		3.17	0.035	0.48	7.51	269	2160	1.87	0.50	2.89	0.19	48.0	7.1	12	16.95	25.5
N812028		<0.02	0.031	0.35	7.55	248	2190	1.78	0.44	2.91	0.15	49.2	7.3	12	17.15	26.8
N812029		5.59	0.396	5.47	7.19	217	540	1.53	2.88	2.30	33.9	51.6	7.3	9	16.60	44.3
N812030		7.21	0.019	0.64	7.51	61.1	1390	1.61	0.88	2.47	3.12	49.6	7.5	9	25.1	24.5
N812031		6.30	<0.005	0.14	7.62	7.1	2270	1.89	0.21	2.79	0.16	50.8	7.6	12	9.86	23.2
N812032		7.52	0.010	0.21	7.60	31.2	2100	1.59	1.49	2.70	0.38	46.4	7.6	13	13.35	22.6
N812033		2.17	0.012	0.25	7.35	16.5	1790	1.46	0.54	2.05	0.98	50.5	6.4	9	17.55	22.0



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**CERTIFICATE OF ANALYSIS WH12176323**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810398		4.48	14.75	0.10	1.5	0.456	2.83	26.7	12.8	0.90	2620	0.87	0.05	7.4	3.6	550
N810399		0.43	0.18	0.09	<0.1	0.005	0.02	0.6	0.8	12.25	190	0.10	<0.01	0.1	1.5	170
N810400		2.84	14.95	0.12	1.6	0.042	2.63	19.0	16.8	0.65	887	1.06	1.08	7.8	3.0	580
N812001		3.34	13.95	0.10	1.4	0.186	2.61	23.4	20.6	0.86	1650	5.77	0.24	6.7	3.0	540
N812002		2.70	14.50	0.09	1.3	0.055	2.54	17.2	27.8	0.70	1020	0.73	1.54	7.5	2.9	550
N812003		2.49	17.40	0.10	2.7	0.025	2.38	29.0	36.0	0.81	964	1.77	0.21	11.2	3.9	880
N812004		5.14	13.85	0.09	1.4	0.799	2.64	20.4	23.7	0.65	1910	11.45	0.25	7.1	15.5	480
N812005		2.58	17.10	0.12	2.6	0.031	1.96	32.3	43.5	0.80	1350	1.89	0.06	11.1	3.7	840
N812006		2.83	15.60	0.08	1.6	0.034	2.43	19.4	14.2	0.73	663	1.13	1.95	8.1	3.2	610
N812007		2.92	14.65	0.10	1.4	0.035	2.47	23.2	24.9	0.80	1060	1.42	1.41	7.9	4.5	560
N812008		2.75	15.60	0.13	1.5	0.039	2.51	27.9	10.0	0.73	615	1.28	2.10	7.9	4.0	570
N812009		3.20	16.60	0.09	1.3	0.058	2.51	26.9	9.8	0.91	673	2.22	2.12	8.4	3.8	620
N812010		3.08	15.60	0.10	1.2	0.043	2.46	24.1	9.9	0.95	645	1.86	2.32	7.8	3.3	620
N812011		4.02	14.65	0.12	1.1	0.329	2.51	18.9	9.3	0.62	756	1.44	1.21	7.1	3.2	570
N812012		6.55	13.15	0.10	1.0	1.500	2.42	23.5	22.2	0.87	1800	11.90	0.05	5.6	15.4	430
N812013		3.12	15.00	0.11	1.1	0.070	2.59	23.1	10.3	0.91	672	1.58	2.29	7.6	3.5	620
N812014		3.10	14.95	0.11	1.2	0.122	2.38	23.5	11.6	0.88	718	3.62	2.21	7.7	3.2	610
N812015		3.20	15.15	0.10	1.2	0.071	2.52	24.3	12.0	0.98	715	4.63	2.37	7.7	3.1	630
N812016		3.01	15.40	0.09	1.2	0.041	2.40	23.1	7.8	0.86	632	5.25	2.30	7.5	3.3	620
N812017		3.11	16.40	0.14	1.1	0.064	2.69	24.4	9.1	0.86	627	4.37	2.27	7.8	3.1	620
N812018		3.19	17.85	0.16	1.1	0.075	2.86	26.8	9.7	0.82	636	3.92	2.02	8.4	3.2	630
N812019		3.56	16.00	0.15	1.2	0.319	2.71	28.2	14.6	0.81	811	1.78	0.81	7.2	2.9	550
N812020		3.39	15.60	0.14	0.9	0.306	2.59	20.8	16.0	0.80	1200	2.58	0.16	7.1	2.7	520
N812021		0.46	0.22	0.11	<0.1	0.006	0.03	0.7	1.1	12.90	206	0.13	0.01	0.2	1.6	170
N812022		2.84	17.10	0.19	1.2	0.175	2.60	27.2	17.4	0.73	586	2.41	1.11	7.8	2.9	580
N812023		4.24	17.05	0.17	1.0	0.233	3.28	25.2	9.6	0.70	1220	11.05	0.48	7.6	3.2	570
N812024		4.35	15.95	0.15	1.0	0.492	3.03	29.4	15.1	0.54	973	15.55	0.55	7.4	3.0	580
N812025		4.89	16.80	0.19	0.9	1.145	3.11	33.1	13.6	0.92	2460	18.80	0.09	7.5	3.1	730
N812026		3.93	16.25	0.14	0.9	0.252	2.90	24.7	16.1	0.91	1940	3.11	0.09	7.2	3.0	550
N812027		3.06	17.25	0.17	1.0	0.085	2.89	23.9	9.1	0.71	785	2.70	1.87	8.5	3.8	620
N812028		3.06	18.10	0.17	1.1	0.086	2.91	23.9	9.3	0.72	787	2.51	1.89	8.9	3.2	630
N812029		4.74	16.55	0.16	1.0	0.663	3.02	27.2	20.2	0.83	1280	2.29	0.08	7.7	2.9	580
N812030		3.30	18.30	0.15	1.0	0.135	2.99	25.6	25.3	0.84	1080	5.62	0.07	8.6	3.0	610
N812031		3.04	18.10	0.14	1.2	0.052	2.71	25.3	10.3	0.81	638	4.05	2.40	8.9	3.0	600
N812032		3.06	17.20	0.15	0.9	0.078	2.48	23.9	9.1	0.77	646	5.28	2.44	8.3	3.2	610
N812033		2.95	16.85	0.15	0.9	0.077	2.88	26.5	15.9	0.62	833	2.45	1.10	7.8	2.6	580



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Project: Klaza-89/92

**CERTIFICATE OF ANALYSIS WH12176323**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810398		306	149.5	<0.002	0.74	14.50	9.4	<1	3.2	61.0	0.66	<0.05	14.1	0.228	2.32	5.4
N810399		1.8	1.3	<0.002	0.01	<0.05	0.2	<1	0.3	43.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N810400		21.7	92.5	<0.002	0.07	7.30	9.4	<1	1.9	215	0.67	<0.05	11.2	0.246	1.28	3.4
N812001		83.8	115.5	<0.002	0.51	14.10	9.3	<1	2.2	119.5	0.60	0.08	12.8	0.230	1.77	4.2
N812002		19.5	86.5	<0.002	0.09	5.66	8.6	1	2.0	293	0.63	<0.05	10.1	0.240	1.13	3.1
N812003		23.4	72.3	<0.002	0.03	11.30	5.7	1	2.3	259	0.80	<0.05	9.2	0.263	1.13	4.8
N812004		1275	130.0	<0.002	3.05	35.1	8.2	1	5.6	141.0	0.59	0.29	10.3	0.206	2.33	4.4
N812005		55.5	64.5	<0.002	0.07	16.30	5.9	1	1.7	143.0	0.77	<0.05	9.1	0.240	0.95	4.5
N812006		19.6	83.1	<0.002	0.03	2.26	9.1	1	2.1	351	0.68	<0.05	10.6	0.249	0.91	3.4
N812007		42.1	87.5	<0.002	0.18	7.45	9.1	1	2.1	271	0.66	<0.05	10.9	0.243	1.14	3.3
N812008		17.9	95.3	<0.002	0.09	2.45	9.3	1	1.9	358	0.65	0.05	12.5	0.242	1.07	3.4
N812009		19.3	97.0	<0.002	0.47	1.65	11.1	1	2.0	396	0.72	0.21	12.7	0.263	1.09	4.1
N812010		17.1	85.2	<0.002	0.07	1.07	10.5	1	1.7	472	0.66	0.07	12.1	0.266	1.03	3.6
N812011		242	104.5	<0.002	2.36	2.86	9.6	1	2.7	256	0.59	0.27	10.3	0.242	1.42	3.4
N812012		2670	142.5	<0.002	4.78	87.7	7.6	1	7.6	90.9	0.46	0.43	10.1	0.176	2.29	4.9
N812013		26.5	90.5	<0.002	0.23	2.97	10.1	1	1.8	465	0.63	0.10	11.9	0.268	1.06	3.8
N812014		30.4	93.6	<0.002	0.38	3.54	9.8	1	2.5	331	0.69	0.14	12.6	0.257	1.16	2.7
N812015		20.7	95.2	<0.002	0.11	3.37	10.3	1	2.5	444	0.65	0.05	12.2	0.264	1.00	3.6
N812016		16.4	81.2	<0.002	0.03	1.09	10.0	1	1.9	431	0.65	<0.05	11.4	0.254	0.90	3.1
N812017		19.4	98.0	<0.002	0.24	1.67	10.7	1	2.1	408	0.71	0.09	14.6	0.265	1.13	3.9
N812018		20.2	117.0	<0.002	0.38	2.14	11.7	2	2.4	362	0.68	0.12	15.5	0.264	1.23	4.2
N812019		174.5	150.5	<0.002	1.03	8.83	9.8	<1	5.5	146.0	0.70	0.46	17.5	0.223	2.12	5.6
N812020		20.0	125.5	<0.002	0.73	14.65	9.9	1	2.7	118.5	0.60	0.46	12.4	0.219	2.15	3.7
N812021		1.6	1.9	<0.002	0.01	0.14	0.2	1	<0.2	44.6	<0.05	<0.05	0.2	<0.005	0.04	0.5
N812022		13.2	115.5	0.002	0.60	5.20	10.5	1	2.9	195.0	0.71	0.56	14.7	0.238	1.63	7.0
N812023		785	188.5	0.011	3.08	6.26	10.8	2	4.2	113.0	0.63	0.38	15.1	0.236	2.54	4.5
N812024		231	158.0	0.014	2.44	19.95	10.3	1	3.5	120.5	0.68	0.45	14.8	0.243	2.10	4.9
N812025		367	204	0.024	2.48	16.55	10.5	1	5.6	108.5	0.62	0.27	13.8	0.224	3.12	7.2
N812026		193.5	135.5	0.003	1.96	10.70	9.9	1	3.3	87.5	0.63	0.14	14.3	0.232	2.51	5.4
N812027		22.2	119.5	<0.002	0.35	5.04	11.0	1	1.9	349	0.77	0.08	13.8	0.266	1.74	4.5
N812028		20.8	120.0	<0.002	0.35	5.15	11.5	1	2.1	351	0.81	0.09	13.9	0.271	1.66	4.4
N812029		1830	166.0	<0.002	3.04	9.33	10.6	1	5.9	100.0	0.68	0.29	14.1	0.242	2.61	4.9
N812030		129.0	139.5	0.003	0.80	9.23	11.4	1	2.7	117.0	0.77	0.17	14.5	0.262	2.23	6.4
N812031		21.3	103.0	<0.002	0.07	1.22	11.1	1	1.9	401	0.82	<0.05	15.3	0.271	1.08	4.8
N812032		24.9	92.3	0.005	0.32	3.43	10.8	2	2.9	370	0.75	0.77	13.7	0.263	1.07	4.8
N812033		36.0	129.0	<0.002	0.18	7.16	10.5	1	2.2	211	0.69	0.05	14.7	0.250	1.70	4.8



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Project: Klaza-89/92

**CERTIFICATE OF ANALYSIS WH12176323**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N810398		62	3.0	11.3	908	37.2
N810399		2	0.1	0.7	14	<0.5
N810400		66	1.4	13.5	68	38.3
N812001		64	2.4	13.1	303	34.0
N812002		64	1.4	12.1	51	36.4
N812003		50	1.6	11.6	95	80.1
N812004		55	4.8	10.3	2920	36.4
N812005		46	1.9	12.6	103	82.2
N812006		68	1.4	13.8	45	41.1
N812007		65	1.9	12.5	98	35.7
N812008		64	1.5	14.1	45	38.4
N812009		72	2.0	17.5	51	29.5
N812010		72	1.4	16.0	46	25.8
N812011		67	2.5	13.4	2770	25.4
N812012		53	5.0	9.4	5180	24.4
N812013		73	1.4	15.7	56	26.9
N812014		68	1.8	15.1	66	28.4
N812015		71	1.4	16.8	51	26.1
N812016		72	1.3	15.1	44	26.8
N812017		73	1.7	16.4	45	30.0
N812018		73	1.8	17.2	49	32.8
N812019		59	2.9	11.8	745	31.3
N812020		63	2.6	12.9	100	26.1
N812021		2	0.1	0.8	16	<0.5
N812022		67	2.1	14.3	54	36.3
N812023		66	4.2	13.1	1310	30.6
N812024		67	4.5	12.6	402	28.4
N812025		65	3.7	15.8	4540	27.7
N812026		66	6.5	12.9	810	26.3
N812027		72	4.0	16.1	55	31.1
N812028		74	3.9	17.1	52	32.0
N812029		68	5.9	14.0	2250	27.4
N812030		72	4.5	16.5	268	28.9
N812031		73	2.1	17.8	50	32.2
N812032		72	2.1	16.6	62	25.1
N812033		69	2.6	15.7	120	27.2



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**CERTIFICATE OF ANALYSIS WH12176323**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12176324**

Project: Klaza-90

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12176324**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813668		2.28	<0.005	0.09	7.16	4.6	1620	1.41	0.06	2.75	0.18	51.9	8.2	11	12.60	8.3
N813669		1.78	0.007	1.08	6.55	29.2	1040	1.14	0.98	2.21	0.61	53.4	6.0	19	18.10	16.0
N813670		2.43	<0.005	0.01	0.10	<5	50	<0.05	0.04	20.7	0.07	1.60	0.7	2	0.31	2.6
N813671		4.24	<0.005	0.06	7.49	3.9	1780	1.51	0.08	2.91	0.09	52.1	8.8	15	8.76	6.9
N813672		5.04	<0.005	0.05	7.61	4.1	1960	1.42	0.13	3.27	0.11	46.2	9.0	13	8.72	7.7
N813673		4.12	<0.005	0.07	7.75	3.6	2000	1.54	0.07	3.07	0.07	50.6	9.6	14	6.54	9.3
N813674		<0.02	<0.005	0.05	7.55	3.5	2010	1.42	0.06	3.06	0.08	45.5	9.0	17	6.03	7.1
N813675		5.61	<0.005	0.05	7.44	2.1	1970	1.60	0.07	2.92	0.06	48.0	8.7	12	3.95	6.4
N813676		6.05	<0.005	0.05	7.99	3.1	2070	1.39	0.09	3.08	0.07	54.0	8.7	17	5.12	7.5
N813677		2.87	<0.005	0.06	7.87	2.9	2060	1.53	0.09	3.10	0.06	52.3	8.8	11	5.91	8.5
N813678		5.72	<0.005	0.04	7.47	2.8	1970	1.44	0.10	2.96	0.08	51.0	9.0	15	8.78	6.5
N813679		5.82	<0.005	0.34	8.00	3.9	1960	1.46	7.57	3.11	0.21	50.0	9.4	13	15.55	31.8
N813680		3.02	<0.005	0.07	7.31	4.4	2040	1.46	0.46	2.87	0.10	39.2	9.1	15	13.15	14.5
N813681		2.16	<0.005	0.35	6.86	13.3	1000	1.18	0.57	5.23	0.51	41.6	8.6	10	13.90	16.7
N813682		0.24	0.747	10.25	6.62	1750	1080	1.40	6.71	1.90	44.2	46.2	17.5	17	16.65	112.5
N813683		1.89	<0.005	0.07	6.89	7.2	1260	1.24	0.40	4.66	0.24	44.7	8.5	10	14.20	7.1
N813684		4.23	<0.005	0.03	7.98	3.6	2180	1.40	0.25	3.12	0.06	48.8	8.6	14	13.40	5.7
N813685		2.86	<0.005	0.05	7.80	3.3	2170	1.34	0.32	3.08	0.06	49.3	8.9	21	11.25	8.7
N813686		1.83	<0.005	0.41	7.35	23.5	1330	1.31	0.54	3.14	0.37	44.6	8.3	11	14.75	23.1
N813687		4.15	<0.005	0.22	7.53	4.5	2060	1.60	0.62	2.99	0.07	42.4	8.8	14	9.44	13.6
N813688		2.78	<0.005	0.18	7.26	7.0	1490	1.52	0.92	2.92	0.08	38.0	8.2	12	11.10	13.5
N813689		1.51	0.017	3.64	7.40	84.4	830	1.43	1.02	2.73	1.25	43.3	7.5	23	24.0	76.2
N813690		2.37	<0.005	0.11	0.07	<5	20	0.05	0.07	20.2	0.05	1.20	0.6	<1	0.18	3.8
N813691		4.31	<0.005	0.07	7.50	2.4	2120	1.66	0.35	2.81	0.06	49.3	8.0	14	7.99	9.8
N813692		5.65	<0.005	0.05	7.28	3.3	2080	1.67	0.31	2.92	0.04	44.1	8.1	16	9.62	8.2
N813693		0.23	0.666	10.25	6.81	1855	350	1.62	5.88	1.89	41.6	40.7	17.0	19	16.15	107.0
N813694		5.85	<0.005	0.23	7.55	5.2	2120	1.79	0.39	2.92	0.10	42.7	8.6	14	5.55	5.6
N813695		5.54	0.119	0.07	7.46	3.5	2090	1.65	0.30	2.85	0.12	41.3	8.4	14	6.31	6.8
N813696		5.09	<0.005	0.06	7.47	3.3	2080	1.61	0.23	2.91	0.09	42.1	8.4	14	6.84	6.3
N813697		4.57	<0.005	0.06	7.72	3.1	2080	1.70	0.24	2.93	0.10	44.4	8.7	19	11.80	9.5
N813698		2.98	<0.005	0.06	7.36	2.4	2050	1.68	0.17	2.92	0.07	41.9	8.6	12	10.55	7.3
N813699		2.01	<0.005	0.15	7.30	10.2	2190	1.71	0.18	4.40	0.31	42.5	9.2	13	16.15	9.4
N813700		2.94	<0.005	0.04	7.31	3.0	2000	1.71	0.13	2.71	0.06	44.9	8.6	16	15.35	5.4
N813701		1.84	<0.005	0.02	7.30	1.3	1900	1.68	0.12	3.05	0.07	39.8	8.8	14	12.20	8.1
N813702		3.78	<0.005	0.03	7.69	2.3	2140	1.64	0.17	2.94	0.08	44.3	8.7	12	4.77	6.1
N813703		2.84	<0.005	0.04	7.43	2.5	2070	1.55	0.21	2.85	0.07	39.2	8.3	14	5.80	7.2





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**CERTIFICATE OF ANALYSIS WH12176324**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813668		2.87	16.60	0.14	1.5	0.037	2.62	26.7	13.2	0.76	831	1.15	1.42	7.5	3.4	610
N813669		2.48	14.50	0.15	1.8	0.097	2.69	29.8	14.7	0.70	1600	159.5	0.08	9.6	2.8	500
N813670		0.48	0.30	0.07	<0.1	0.006	0.04	0.8	1.5	13.00	214	0.29	0.01	0.3	2.1	200
N813671		3.10	17.25	0.16	1.6	0.039	2.44	24.9	17.9	0.91	780	6.52	1.98	8.1	3.1	630
N813672		3.35	17.10	0.11	1.7	0.043	2.49	21.8	18.2	1.03	827	6.92	2.10	7.7	3.4	680
N813673		3.27	17.90	0.17	1.7	0.035	2.44	27.4	20.0	0.96	749	3.65	2.17	7.8	3.3	650
N813674		3.23	17.10	0.10	1.6	0.039	2.40	21.3	19.3	0.96	754	3.25	2.19	7.7	3.2	650
N813675		3.17	17.10	0.12	1.7	0.038	2.33	24.0	20.4	0.90	687	2.93	2.28	7.8	3.4	640
N813676		3.39	17.15	0.18	1.7	0.035	2.49	27.6	19.9	0.99	729	7.31	2.33	7.7	3.2	670
N813677		3.21	17.15	0.15	1.6	0.038	2.38	25.2	19.6	0.94	709	49.1	2.29	7.7	3.1	660
N813678		3.25	16.95	0.14	1.6	0.032	2.36	25.6	17.0	0.94	700	6.10	2.15	7.6	3.5	640
N813679		3.51	17.90	0.21	1.5	0.079	2.16	26.0	16.7	0.96	828	3.65	1.98	7.8	3.7	690
N813680		3.09	17.90	0.14	1.4	0.036	2.27	17.6	19.0	0.88	680	6.02	2.11	8.1	3.3	640
N813681		3.06	14.20	0.13	1.2	0.031	1.86	22.3	122.5	1.80	1800	7.58	0.09	6.5	2.8	570
N813682		5.28	15.95	0.18	1.5	0.938	2.70	25.1	27.9	0.70	1960	13.15	0.26	7.1	16.1	490
N813683		3.03	15.40	0.15	1.2	0.032	1.86	22.7	130.0	1.34	1060	2.17	0.97	6.9	3.1	610
N813684		3.38	16.70	0.20	1.3	0.031	2.38	24.1	18.9	0.97	739	3.51	2.26	7.4	3.1	690
N813685		3.39	16.40	0.12	1.4	0.041	2.44	24.9	15.1	0.93	786	3.18	2.14	7.7	3.3	670
N813686		3.37	16.50	0.14	1.4	0.042	2.75	22.5	40.1	0.89	1980	10.10	0.72	7.5	3.1	640
N813687		3.34	16.00	0.09	1.2	0.047	2.33	20.0	18.1	0.98	826	10.10	2.20	8.1	3.3	670
N813688		3.19	15.20	0.07	1.3	0.043	2.52	18.7	11.3	0.86	1090	22.7	1.84	7.7	3.0	640
N813689		3.67	14.55	0.09	1.2	0.301	3.15	24.1	7.4	0.83	5660	15.25	0.12	6.9	3.2	600
N813690		0.47	0.21	0.05	<0.1	0.012	0.02	0.6	0.8	12.40	218	0.20	0.01	0.2	1.6	180
N813691		3.09	16.20	0.12	1.3	0.035	2.34	24.4	14.1	0.86	674	5.17	2.12	7.6	3.3	610
N813692		3.11	16.15	0.09	1.3	0.036	2.40	21.5	12.7	0.86	674	6.72	1.92	7.6	3.1	610
N813693		5.46	14.95	0.10	1.4	0.813	2.77	22.3	24.9	0.70	2020	11.85	0.26	7.4	16.1	510
N813694		3.33	15.90	0.09	1.3	0.042	2.30	21.0	15.5	0.96	725	8.30	2.20	8.1	3.4	650
N813695		3.20	16.35	0.11	1.4	0.035	2.43	19.2	13.8	0.89	677	1.66	2.11	7.7	3.2	620
N813696		3.11	16.10	0.10	1.5	0.037	2.43	20.5	15.4	0.89	695	1.25	2.18	7.9	3.2	630
N813697		3.31	16.60	0.09	1.5	0.041	2.48	21.9	14.8	0.86	772	1.49	2.08	8.1	3.5	670
N813698		3.15	16.35	0.10	1.6	0.041	2.46	20.1	14.6	0.84	765	1.11	2.18	8.1	3.3	630
N813699		3.55	15.30	0.10	1.2	0.035	2.46	22.5	26.5	1.38	1600	0.96	1.33	7.5	3.5	610
N813700		3.21	16.40	0.10	1.4	0.042	2.45	22.4	18.1	0.80	707	0.81	2.09	8.1	3.3	660
N813701		3.31	16.65	0.10	1.5	0.041	2.33	18.8	22.5	0.88	758	0.91	1.98	8.4	3.6	660
N813702		3.19	16.75	0.10	1.4	0.040	2.28	22.4	14.2	0.92	704	0.82	2.29	8.0	3.5	650
N813703		3.26	15.90	0.08	1.3	0.033	2.38	19.4	13.2	0.91	717	0.90	2.16	7.8	3.3	640



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**CERTIFICATE OF ANALYSIS WH12176324**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N813668		18.1	113.0	0.002	0.02	26.7	11.8	1	2.2	299	0.64	<0.05	12.7	0.277	5.2
N813669		71.4	129.0	0.017	0.14	93.4	9.5	1	2.9	96.1	1.02	0.06	16.1	0.228	5.5
N813670		1.6	1.9	0.002	0.01	0.18	0.2	<1	0.3	43.5	<0.05	<0.05	<0.2	<0.005	0.5
N813671		15.9	115.0	0.002	0.02	4.24	12.1	<1	2.0	372	0.65	<0.05	12.9	0.284	4.5
N813672		17.4	99.2	0.002	0.01	21.3	12.0	<1	2.2	399	0.66	<0.05	12.0	0.294	4.5
N813673		16.6	110.0	0.003	0.02	7.53	12.6	1	2.5	396	0.67	<0.05	12.7	0.303	4.2
N813674		16.4	97.1	0.004	0.02	7.46	12.1	<1	2.1	396	0.65	<0.05	11.6	0.293	3.9
N813675		15.4	90.7	<0.002	<0.01	0.99	11.8	1	1.9	405	0.69	<0.05	12.4	0.280	4.3
N813676		15.2	111.5	0.004	0.01	2.08	12.1	1	2.1	426	0.67	<0.05	14.6	0.303	5.3
N813677		14.8	101.5	0.004	0.02	2.95	11.6	1	2.2	426	0.67	<0.05	13.5	0.287	4.5
N813678		15.6	99.0	0.002	0.01	10.55	12.1	<1	2.1	397	0.62	<0.05	12.4	0.289	3.9
N813679		30.6	101.5	<0.002	0.02	16.80	12.3	1	2.5	401	0.59	0.11	13.4	0.298	4.2
N813680		17.9	94.2	0.002	0.01	2.55	11.9	1	2.4	396	0.63	<0.05	9.3	0.283	4.1
N813681		21.7	110.5	<0.002	0.15	19.95	10.3	<1	2.6	202	0.58	<0.05	11.2	0.262	6.3
N813682		1330	165.0	0.002	3.21	32.0	9.2	1	6.1	153.5	0.62	0.28	11.6	0.208	5.3
N813683		20.4	66.6	0.002	0.03	8.09	10.7	<1	2.1	339	0.49	<0.05	9.2	0.271	2.9
N813684		14.4	101.0	0.002	0.03	1.31	12.0	1	2.0	440	0.57	<0.05	12.2	0.302	4.0
N813685		14.7	99.6	0.003	0.07	1.49	12.5	1	2.1	418	0.61	<0.05	11.8	0.312	3.9
N813686		40.8	140.0	<0.002	0.12	8.54	12.1	1	2.2	188.0	0.61	<0.05	11.4	0.280	5.2
N813687		13.8	75.6	0.002	0.09	1.70	11.3	1	2.3	424	0.62	<0.05	10.3	0.292	3.8
N813688		16.2	87.8	0.003	0.12	7.25	10.4	1	2.3	351	0.63	<0.05	9.9	0.286	4.2
N813689		229	140.5	<0.002	0.46	76.9	10.0	1	2.2	117.5	0.56	<0.05	11.6	0.263	7.0
N813690		1.5	1.3	<0.002	0.01	0.12	0.3	1	0.5	42.0	<0.05	<0.05	<0.2	<0.005	0.5
N813691		14.4	91.1	0.002	0.05	1.16	11.2	1	2.4	406	0.59	<0.05	12.6	0.270	4.9
N813692		14.3	85.9	0.002	0.04	15.50	10.6	1	2.3	390	0.60	<0.05	11.4	0.271	4.0
N813693		1360	143.5	0.003	3.23	39.8	8.6	1	6.0	153.0	0.60	0.29	10.6	0.212	5.2
N813694		16.3	77.4	0.002	0.03	3.71	11.7	1	2.3	419	0.64	<0.05	10.6	0.279	3.5
N813695		15.0	77.4	<0.002	0.01	5.36	10.9	1	2.2	411	0.62	<0.05	10.3	0.271	3.5
N813696		15.2	76.8	<0.002	0.01	4.31	10.9	2	2.3	411	0.61	<0.05	10.6	0.281	3.6
N813697		15.4	93.0	<0.002	0.01	6.59	11.1	1	2.5	407	0.65	<0.05	12.6	0.280	4.7
N813698		15.3	81.4	<0.002	0.01	1.84	10.9	1	2.3	413	0.67	<0.05	11.3	0.285	3.8
N813699		21.3	105.0	<0.002	0.09	32.5	11.0	1	2.4	347	0.59	<0.05	11.8	0.255	7.6
N813700		15.1	85.5	<0.002	0.01	1.93	11.4	1	2.2	411	0.66	<0.05	12.0	0.290	3.8
N813701		15.1	77.0	<0.002	0.01	10.90	11.2	1	2.4	403	0.67	<0.05	10.2	0.283	3.7
N813702		14.8	80.8	<0.002	<0.01	1.06	11.2	1	2.2	438	0.67	<0.05	11.4	0.264	3.9
N813703		14.5	73.9	<0.002	0.01	5.01	10.7	<1	2.2	420	0.64	<0.05	10.4	0.285	4.2



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**CERTIFICATE OF ANALYSIS WH12176324**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813668		78	2.7	15.6	58	42.3
N813669		55	28.8	11.4	64	45.9
N813670		3	0.1	0.8	17	0.5
N813671		82	34.2	17.5	54	44.5
N813672		88	6.9	16.4	60	45.3
N813673		87	6.5	17.6	58	47.7
N813674		88	6.1	16.0	58	43.3
N813675		80	2.8	16.4	53	44.7
N813676		90	6.8	17.6	57	45.2
N813677		81	5.6	16.9	52	40.7
N813678		83	4.8	15.9	56	39.0
N813679		88	6.7	15.2	83	36.7
N813680		82	5.5	16.0	57	34.9
N813681		74	9.5	15.2	85	27.5
N813682		57	5.3	11.8	2900	42.1
N813683		74	6.7	15.0	68	31.6
N813684		86	5.5	16.2	54	34.2
N813685		91	2.9	16.1	59	32.1
N813686		79	4.2	15.3	106	31.6
N813687		85	5.9	15.8	56	29.2
N813688		82	3.0	13.1	52	30.6
N813689		76	4.7	13.8	150	29.6
N813690		3	0.1	0.8	14	<0.5
N813691		78	2.1	16.5	51	32.4
N813692		79	1.4	15.2	51	31.3
N813693		58	5.1	11.3	3100	36.6
N813694		84	1.2	16.5	54	31.3
N813695		79	1.2	15.5	51	33.1
N813696		82	1.4	15.2	55	36.7
N813697		83	0.5	15.9	57	35.0
N813698		84	0.5	15.2	58	37.1
N813699		79	0.7	17.8	79	30.4
N813700		85	0.5	15.9	60	31.7
N813701		84	0.5	15.2	58	36.0
N813702		77	0.3	16.5	52	31.4
N813703		85	0.3	15.4	57	28.7



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**CERTIFICATE OF ANALYSIS WH12176324**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Project: Klaza-90

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 17-AUG-2012  
Account: ROCKHA

Project: Klaza-90

**CERTIFICATE OF ANALYSIS WH12176325**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N813704		1.27	<0.005	0.05	7.56	4.5	2010	1.59	0.23	3.19	0.10	41.8	8.7	11	12.15	6.8
N813705		2.69	<0.005	0.05	7.63	1.8	2110	1.68	0.37	2.92	0.08	43.1	8.5	11	3.46	8.4
N813706		0.26	0.731	10.00	6.79	1805	790	1.60	6.12	1.86	41.2	43.4	17.0	17	16.10	107.0
N813707		1.48	<0.005	0.21	7.98	6.6	2170	1.75	0.40	3.09	0.15	46.1	9.0	9	10.40	15.4
N813708		3.40	<0.005	0.09	8.05	3.6	2130	1.79	0.41	3.07	0.08	46.7	9.0	9	9.34	8.1
N813709		1.69	<0.005	0.05	7.72	5.7	1730	1.83	0.19	2.84	0.09	43.6	9.3	9	18.20	4.8
N813710		1.51	<0.005	0.06	7.51	4.4	1760	1.62	0.41	2.90	0.06	43.1	8.5	7	12.75	7.1
N813711		3.38	<0.005	0.45	7.30	3.0	2060	1.80	13.80	2.71	0.09	41.3	8.8	10	6.24	43.6
N813712		1.51	<0.005	0.54	7.48	3.0	2100	1.66	17.15	2.79	0.12	43.9	9.4	9	5.86	70.8
N813713		1.51	<0.005	0.08	7.72	3.4	2250	1.71	0.37	3.03	0.05	48.1	8.6	9	8.14	11.7
N813714		2.97	<0.005	0.06	7.61	2.0	2090	1.60	2.09	2.75	0.05	42.9	8.5	9	6.16	11.7
N813715		4.77	<0.005	0.05	7.58	1.8	2040	1.76	0.25	2.98	0.05	41.5	8.4	9	5.65	5.1
N813716		4.73	<0.005	0.04	7.63	2.1	2090	1.77	0.18	2.81	0.07	44.6	8.7	11	5.94	8.4
N813717		4.74	<0.005	0.05	7.57	2.5	2110	1.76	0.29	2.67	0.07	47.6	8.9	9	5.48	9.2
N813718		4.85	<0.005	0.12	7.52	2.1	2100	1.69	0.51	2.71	0.07	44.9	8.8	9	6.74	21.9
N813719		3.14	<0.005	0.12	7.98	4.7	2170	1.57	7.75	2.77	0.10	43.4	8.7	9	7.48	24.0
N813720		2.19	<0.005	0.06	7.53	3.7	1900	1.79	0.21	2.62	0.07	44.4	8.8	8	10.70	10.9
N813721		1.63	<0.005	0.18	6.86	17.1	1190	1.43	0.20	4.45	0.20	45.3	7.7	5	20.7	8.1
N813722		3.99	<0.005	0.03	0.06	<5	10	0.06	0.09	20.4	0.06	1.19	0.6	<1	0.16	2.3
N813723		2.16	<0.005	0.08	7.67	5.2	1780	1.35	0.11	2.75	0.07	44.9	8.2	9	19.60	9.7
N813724		1.57	<0.005	0.06	6.75	6.1	1160	1.16	0.19	6.27	0.20	46.3	7.6	6	14.65	9.4
N813725		2.75	<0.005	0.01	0.09	<5	20	0.05	0.05	20.2	0.06	1.18	0.6	<1	0.20	2.0
N813726		5.10	<0.005	0.07	7.87	3.7	2080	1.50	12.95	2.88	0.19	52.5	8.5	10	7.11	17.0
N813727		4.16	<0.005	0.09	7.80	0.3	2150	1.16	1.22	2.86	0.15	47.3	8.1	11	8.28	19.0
N813728		0.26	0.719	10.00	7.21	1995	1620	1.38	7.19	2.01	45.9	49.7	17.6	22	16.55	115.5
N813729		5.41	<0.005	0.08	7.89	2.9	2090	1.34	0.33	2.94	0.08	43.6	8.1	12	8.91	8.5
N813730		4.91	<0.005	0.05	7.05	4.4	1830	1.15	0.20	2.98	0.10	39.9	7.9	9	13.55	7.2
N813731		2.71	<0.005	0.03	7.52	2.6	2150	1.63	0.30	2.91	0.06	43.9	8.4	10	20.6	4.9
N813732		1.46	<0.005	0.07	7.29	9.5	1000	1.53	0.48	4.26	0.39	58.1	9.8	7	25.6	9.1
N813733		4.12	<0.005	0.04	7.60	1.9	2220	1.48	0.32	2.92	0.06	47.3	8.5	10	9.97	7.0
N813734		<0.02	<0.005	0.03	7.84	1.3	2240	1.36	0.27	2.94	0.04	47.0	8.1	10	9.53	6.7
N813735		4.07	<0.005	0.09	7.66	2.9	1970	1.31	1.29	3.03	0.07	45.4	8.5	10	11.40	26.8
N813736		2.50	<0.005	0.30	6.93	7.1	820	1.19	2.85	3.02	0.16	40.1	7.1	10	16.50	42.5
N813737		2.18	<0.005	5.36	7.50	20.1	1310	1.39	34.5	3.40	1.47	51.0	8.6	11	14.20	86.1
N813738		5.39	<0.005	0.09	7.68	2.8	2090	1.37	1.38	2.95	0.10	50.5	8.1	11	9.33	18.9
N813739		4.87	<0.005	0.08	7.92	2.3	2110	1.20	1.37	3.00	0.08	46.8	8.2	11	7.91	12.3



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Plus Appendix Pages  
Finalized Date: 17-AUG-2012  
Account: ROCKHA

Project: Klaza-90

**CERTIFICATE OF ANALYSIS WH12176325**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813704		3.27	15.50	0.10	1.3	0.038	2.45	20.2	21.3	0.97	826	0.39	1.89	7.4	3.3	640
N813705		3.16	16.25	0.12	1.3	0.035	2.35	20.3	13.0	0.91	682	0.45	2.24	7.9	3.6	640
N813706		5.38	15.25	0.13	1.4	0.813	2.77	23.6	24.8	0.70	1980	12.10	0.26	7.4	16.5	500
N813707		3.30	17.15	0.11	1.5	0.039	2.46	23.7	12.7	0.94	720	0.38	2.20	8.0	3.7	660
N813708		3.32	17.10	0.10	1.5	0.043	2.49	22.7	16.9	0.94	724	0.46	2.30	8.3	3.4	680
N813709		3.27	16.65	0.10	1.4	0.044	2.45	22.5	17.3	0.86	765	0.39	1.61	8.3	4.0	660
N813710		3.05	16.25	0.11	1.4	0.036	2.37	21.4	14.5	0.86	682	0.37	1.83	7.9	3.5	640
N813711		3.06	16.70	0.10	1.4	0.043	2.37	20.0	15.3	0.89	661	0.36	2.20	8.0	3.5	650
N813712		3.27	16.85	0.10	1.4	0.042	2.38	22.2	15.7	0.95	695	0.46	2.26	8.3	3.6	650
N813713		3.13	16.40	0.13	1.4	0.040	2.36	23.6	14.0	0.92	683	0.44	2.10	7.8	3.8	630
N813714		3.11	16.15	0.12	1.4	0.037	2.39	22.2	13.3	0.90	678	0.52	2.20	8.0	3.9	630
N813715		3.06	16.45	0.10	1.5	0.039	2.37	20.3	14.1	0.91	709	0.78	2.23	8.1	3.7	620
N813716		3.18	16.50	0.11	1.5	0.042	2.36	21.5	14.4	0.97	724	0.54	2.29	8.5	3.4	650
N813717		3.16	16.15	0.11	1.7	0.037	2.33	23.6	13.9	0.98	711	0.42	2.24	8.3	3.4	630
N813718		3.20	16.40	0.11	1.4	0.041	2.36	22.1	16.0	0.98	694	0.45	2.17	8.1	3.6	640
N813719		3.31	16.00	0.13	1.5	0.041	2.26	22.9	15.9	1.00	707	0.92	2.17	7.8	3.6	670
N813720		3.25	15.00	0.11	1.5	0.038	2.35	22.6	30.9	0.99	768	0.32	1.34	8.1	3.5	650
N813721		3.10	14.15	0.12	1.2	0.037	2.20	24.6	65.0	1.36	2300	0.66	0.78	6.9	3.3	560
N813722		0.45	0.20	0.10	<0.1	0.006	0.02	0.6	1.0	12.55	193	0.14	0.01	0.2	1.9	180
N813723		3.11	17.15	0.14	1.6	0.051	2.67	19.2	111.0	0.79	684	0.88	1.23	8.6	3.2	660
N813724		3.02	14.35	0.14	1.3	0.045	2.13	22.9	104.0	1.51	1360	1.00	0.54	6.7	2.7	550
N813725		0.48	0.24	0.08	<0.1	0.010	0.03	0.6	1.6	12.00	213	0.20	0.01	0.2	1.9	160
N813726		3.19	17.95	0.14	1.7	0.056	2.44	22.6	16.5	0.93	717	1.51	2.36	9.0	3.1	650
N813727		3.24	16.75	0.15	1.4	0.041	2.52	21.4	13.8	0.89	696	0.55	2.19	7.9	3.1	660
N813728		5.61	16.75	0.14	1.6	0.970	3.03	23.2	22.2	0.73	2150	13.90	0.27	7.9	16.9	540
N813729		3.26	16.55	0.15	1.4	0.045	2.48	20.6	14.4	0.87	711	0.38	2.19	7.6	2.9	670
N813730		3.00	16.60	0.12	1.4	0.042	2.38	17.8	33.2	0.85	693	0.41	1.73	7.8	2.7	640
N813731		3.11	17.40	0.15	1.4	0.044	2.59	19.7	19.3	0.73	649	0.38	2.11	8.0	2.9	670
N813732		3.15	19.80	0.23	1.5	0.058	2.23	28.2	153.5	1.19	1260	0.39	0.35	8.3	3.7	580
N813733		3.17	17.50	0.16	1.4	0.055	2.50	20.7	20.1	0.88	707	0.44	2.09	8.0	3.1	640
N813734		3.21	16.65	0.14	1.4	0.039	2.54	21.5	20.1	0.89	707	0.51	2.12	7.6	2.9	650
N813735		3.32	17.20	0.14	1.4	0.040	2.42	19.9	11.6	0.89	727	0.42	2.13	8.0	3.1	700
N813736		2.95	15.00	0.13	1.2	0.035	2.33	18.2	31.5	0.89	910	0.30	1.17	7.2	2.8	620
N813737		3.48	16.35	0.13	1.4	0.106	2.99	24.9	16.5	0.94	2530	0.28	0.39	7.9	3.1	630
N813738		3.19	17.40	0.14	1.4	0.040	2.61	22.2	13.0	0.86	796	0.39	1.99	7.9	2.9	640
N813739		3.26	17.00	0.13	1.4	0.038	2.58	20.8	17.0	0.91	730	0.36	2.19	8.0	2.9	670



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**CERTIFICATE OF ANALYSIS WH12176325**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813704		15.6	78.2	<0.002	0.02	28.8	10.4	1	2.2	387	0.62	<0.05	11.0	0.276	1.00	3.8
N813705		14.7	71.7	<0.002	0.01	1.38	11.0	1	2.1	429	0.64	<0.05	11.2	0.278	0.85	4.1
N813706		1355	151.5	<0.002	3.18	36.1	8.6	1	6.1	151.5	0.60	0.30	11.2	0.214	2.39	5.1
N813707		18.0	84.2	<0.002	0.02	14.25	11.5	1	2.2	447	0.63	<0.05	12.5	0.287	0.95	3.7
N813708		15.8	89.1	<0.002	0.01	4.29	12.0	1	2.3	449	0.68	<0.05	12.3	0.295	0.97	4.1
N813709		16.2	97.3	<0.002	0.01	36.9	12.4	1	2.3	361	0.69	<0.05	12.4	0.285	1.02	4.6
N813710		14.4	94.9	<0.002	0.01	25.7	11.4	1	2.5	386	0.62	<0.05	11.8	0.275	0.97	4.2
N813711		15.1	83.1	<0.002	0.01	2.06	11.6	1	2.2	418	0.66	0.42	11.3	0.274	0.92	4.0
N813712		14.5	84.4	<0.002	0.01	1.06	11.6	2	2.3	427	0.66	0.51	11.1	0.286	0.98	4.0
N813713		14.4	93.6	<0.002	0.01	8.71	11.6	1	2.1	422	0.65	<0.05	13.1	0.274	0.89	4.8
N813714		15.6	90.5	<0.002	0.01	0.76	11.2	1	2.2	421	0.68	<0.05	12.3	0.277	0.93	4.4
N813715		15.5	80.4	<0.002	0.01	2.31	10.8	1	2.1	428	0.66	<0.05	11.6	0.273	0.86	4.0
N813716		15.5	82.1	<0.002	0.01	1.20	11.6	1	2.2	432	0.80	<0.05	12.2	0.283	0.90	4.7
N813717		15.1	88.2	<0.002	0.01	1.03	11.5	1	2.2	433	0.86	<0.05	12.7	0.274	0.91	4.6
N813718		14.7	89.4	<0.002	0.04	1.09	11.2	1	2.3	426	0.67	<0.05	12.7	0.281	1.01	4.4
N813719		19.3	91.2	<0.002	0.03	2.24	12.0	1	2.3	453	0.66	<0.05	12.3	0.279	1.01	4.4
N813720		15.2	86.2	<0.002	0.04	2.74	11.3	1	2.3	377	0.76	<0.05	12.5	0.283	1.07	4.3
N813721		16.8	101.5	<0.002	0.10	17.00	10.3	1	1.9	297	0.63	<0.05	11.4	0.245	1.14	7.6
N813722		1.4	1.0	<0.002	0.02	<0.05	0.2	<1	0.3	49.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N813723		18.1	108.5	<0.002	0.01	5.87	11.9	1	2.3	322	0.73	<0.05	13.4	0.281	1.31	4.7
N813724		19.0	81.6	<0.002	0.05	8.73	9.9	<1	2.2	324	0.58	<0.05	12.8	0.227	1.02	5.5
N813725		1.2	1.3	<0.002	0.01	0.06	0.2	<1	0.4	42.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N813726		18.8	107.5	<0.002	0.01	1.16	12.5	1	2.8	417	0.84	1.22	13.7	0.274	1.06	6.0
N813727		15.4	90.3	<0.002	0.02	1.07	11.2	<1	2.6	432	0.70	<0.05	13.1	0.278	1.03	4.6
N813728		1415	170.0	<0.002	3.35	35.6	9.6	1	6.5	165.5	0.62	0.29	13.1	0.215	2.80	6.1
N813729		15.8	95.1	<0.002	0.01	1.29	11.1	1	2.3	430	0.63	<0.05	12.7	0.279	1.00	4.4
N813730		16.3	88.2	<0.002	0.01	6.45	11.1	1	2.3	375	0.63	<0.05	11.6	0.269	1.03	3.9
N813731		15.3	94.9	<0.002	0.01	2.34	11.4	1	2.2	441	0.61	<0.05	11.3	0.278	1.13	3.8
N813732		21.3	121.5	<0.002	0.02	50.2	13.7	1	3.6	243	0.67	<0.05	13.7	0.246	1.51	5.9
N813733		15.6	96.3	<0.002	0.01	1.37	11.9	1	2.3	421	0.60	<0.05	12.7	0.273	1.13	4.3
N813734		14.8	101.0	<0.002	0.01	1.31	11.2	1	2.3	427	0.59	<0.05	13.0	0.279	1.01	4.2
N813735		16.0	96.7	<0.002	0.01	6.36	11.5	1	2.5	437	0.62	<0.05	12.3	0.287	1.20	4.5
N813736		17.7	99.0	<0.002	0.01	21.2	10.5	1	2.6	262	0.57	<0.05	10.6	0.261	1.33	3.7
N813737		71.7	154.0	<0.002	0.12	21.8	12.4	2	3.5	157.0	0.65	0.67	13.9	0.275	1.99	5.9
N813738		15.2	105.0	<0.002	0.06	3.71	11.7	2	2.5	402	0.61	<0.05	12.2	0.271	1.17	4.4
N813739		16.2	96.7	<0.002	0.03	4.12	11.5	1	2.4	429	0.64	<0.05	13.2	0.285	1.08	5.3





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Project: Klaza-90

**CERTIFICATE OF ANALYSIS WH12176325**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813704		81	0.5	14.6	59	28.9
N813705		82	0.3	16.2	55	30.8
N813706		59	5.1	11.6	3060	37.8
N813707		84	0.3	16.1	57	35.6
N813708		87	0.6	17.0	59	34.8
N813709		85	0.6	17.2	61	33.0
N813710		81	0.5	15.7	53	31.5
N813711		80	0.6	16.8	53	32.8
N813712		84	0.6	17.2	57	32.1
N813713		78	1.0	17.2	53	30.9
N813714		80	0.6	16.8	55	32.4
N813715		79	1.5	16.4	54	32.7
N813716		85	1.3	17.5	58	33.5
N813717		81	4.9	18.0	56	34.9
N813718		83	0.5	16.8	58	33.5
N813719		82	0.5	18.0	56	31.6
N813720		82	1.0	16.3	56	33.0
N813721		70	2.6	16.4	63	28.2
N813722		2	0.1	0.9	14	0.5
N813723		83	1.8	15.3	55	36.3
N813724		70	2.1	18.9	66	30.8
N813725		2	0.2	0.8	13	<0.5
N813726		83	1.3	19.0	53	38.1
N813727		82	0.4	15.5	52	31.8
N813728		62	5.6	11.9	3230	41.3
N813729		83	0.4	15.9	54	30.9
N813730		80	0.7	14.5	52	31.4
N813731		82	0.5	14.5	51	33.1
N813732		78	1.4	22.0	76	35.8
N813733		81	0.5	15.9	51	34.2
N813734		82	0.4	15.8	52	31.0
N813735		85	0.9	14.8	54	32.8
N813736		78	1.3	12.1	73	30.1
N813737		79	2.4	14.4	229	32.8
N813738		81	0.7	15.9	57	36.1
N813739		85	0.4	15.8	55	34.2



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**CERTIFICATE OF ANALYSIS WH12176325**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12176326**

Project: Klaza-91

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12176326**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N810700		5.33	<0.005		0.06	7.56	23.6	2370	1.64	0.25	2.60	0.07	40.7	7.6	9	20.0
N810701		0.22	4.52		>100	5.49	8280	250	1.15	56.7	1.96	222	33.2	9.2	17	11.90
N810702		6.60	<0.005		0.02	7.38	14.5	1600	1.83	0.15	2.83	0.07	36.6	8.4	10	17.75
N810703		5.91	<0.005		0.02	13.75	19.8	1850	2.63	0.48	6.31	0.15	44.0	12.5	12	31.2
N810704		4.20	<0.005		0.05	7.11	11.3	1930	1.64	0.22	3.34	0.07	38.4	9.4	10	18.60
N810705		5.92	<0.005		0.05	6.98	19.1	2050	1.62	0.17	3.23	0.07	38.6	10.1	11	19.70
N810706		2.07	<0.005		0.12	7.83	25.6	1590	1.83	0.14	2.82	0.08	45.5	12.0	10	17.35
N810707		2.78	0.023		1.63	7.17	52.8	2080	1.45	0.69	3.84	33.7	48.1	9.4	7	17.50
N810708		3.84	<0.005		0.02	0.09	<5	30	0.06	0.08	20.3	0.07	1.31	1.6	1	0.22
N810709		1.61	<0.005		0.06	7.96	25.3	750	1.66	0.20	2.54	0.19	45.7	8.2	9	18.15
N810710		0.70	<0.005		0.05	8.15	31.9	680	1.78	0.17	1.91	0.10	50.4	9.9	9	16.80
N810711		6.90	<0.005		0.15	6.95	37.8	1960	1.66	0.16	3.23	0.19	45.3	10.3	9	17.20
N810712		5.16	<0.005		0.05	7.59	14.6	1930	1.52	0.17	2.39	0.08	42.9	8.5	10	18.55
N810713		6.34	<0.005		0.04	7.41	8.0	2400	1.53	0.42	2.67	0.11	40.1	9.5	11	15.25
N810714		3.99	<0.005		<0.01	8.14	11.3	1650	1.74	0.90	2.69	0.11	36.2	8.0	9	18.95
N810715		5.14	<0.005		0.01	7.83	10.1	5700	1.77	1.29	5.07	0.19	45.4	8.8	8	15.50
N810716		9.12	<0.005		0.01	7.29	9.6	1500	1.36	0.59	2.82	0.08	40.9	9.3	8	10.25
N810717		7.30	<0.005		0.01	7.31	5.0	1900	1.48	0.31	3.09	0.06	41.9	9.3	11	7.86
N810718		6.99	<0.005		0.05	7.46	9.3	1920	1.77	0.64	3.69	0.07	38.9	7.6	10	15.30
N810719		<0.02	<0.005		0.05	7.82	10.6	1980	1.98	0.70	3.75	0.08	41.3	8.3	11	16.40
N810720		7.38	<0.005		0.06	7.49	28.0	1260	1.62	0.56	2.93	0.13	46.8	8.3	8	13.70
N810721		0.22	4.52		>100	5.66	7080	100	1.10	59.6	2.00	230	33.7	9.0	17	11.15
N810722		7.43	<0.005		0.09	7.67	25.3	1480	1.63	0.34	3.10	0.14	47.3	7.1	9	15.05
N810723		8.43	0.006		0.08	7.88	18.6	1400	1.57	0.40	4.47	0.11	46.4	8.0	10	14.30
N810724		7.76	<0.005		0.02	7.06	9.9	1120	1.40	0.16	5.03	0.07	49.6	10.3	14	14.50
N810725		7.85	<0.005		0.06	6.93	20.3	1120	1.35	0.15	4.67	0.11	45.8	7.2	9	13.95
N810726		4.28	<0.005		0.18	7.34	59.6	730	1.54	0.19	3.74	0.45	48.5	8.1	9	26.7
N810727		3.32	<0.005		0.13	6.94	18.7	640	1.49	0.21	3.26	0.48	40.9	6.5	11	20.7
N810728		4.78	0.189		1.72	7.27	170.5	630	1.46	0.62	2.93	10.15	48.4	7.8	8	19.05
N810729		3.65	<0.005		0.01	0.08	<5	20	<0.05	0.02	21.2	0.07	1.49	1.2	<1	0.19
N810730		3.46	>10.0	17.65	>100	5.18	>10000	50	1.14	162.0	2.36	54.5	31.6	5.8	4	20.1
N810731		4.17	0.095		2.98	8.76	1945	1020	1.57	1.30	1.44	22.6	56.3	11.3	8	21.9
N810732		7.32	0.011		0.31	8.52	55.5	1800	1.77	0.59	4.18	0.67	53.4	10.8	9	17.85
N810733		8.57	<0.005		0.33	7.71	81.9	1200	1.77	0.57	3.73	0.89	68.6	10.3	23	21.7
N810734		2.82	<0.005		0.05	7.75	29.4	240	1.75	0.10	4.66	0.17	77.6	10.1	30	20.9
N810735		3.27	0.085		6.13	7.49	4460	790	1.87	3.33	2.96	36.9	55.3	17.3	18	19.95



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Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12176326**

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N810700		7.7	2.96	14.60	0.18	1.6	0.036	2.58	20.4	17.2	0.96	840	0.25	1.63	9.1	4.5
N810701		1260	8.17	12.60	0.24	1.1	4.81	2.29	17.8	32.8	0.63	3010	14.60	0.08	6.1	14.5
N810702		4.3	2.87	14.15	0.16	1.6	0.037	2.34	18.7	21.2	0.88	703	0.26	2.38	8.4	3.7
N810703		4.1	4.81	25.2	0.21	2.0	0.068	3.71	20.6	22.6	1.18	1140	0.24	3.62	12.8	3.6
N810704		4.2	3.11	14.85	0.19	1.2	0.046	2.17	19.1	15.8	0.87	811	0.24	2.16	8.5	3.3
N810705		4.0	3.30	13.90	0.18	1.2	0.041	2.12	19.3	29.2	0.95	842	0.37	1.60	8.3	3.8
N810706		4.5	3.20	15.85	0.19	1.5	0.053	2.53	22.9	111.0	0.86	985	0.32	0.53	9.2	3.4
N810707		29.6	3.47	14.85	0.16	1.2	1.205	2.33	25.7	79.8	1.31	1170	0.23	0.05	8.7	4.0
N810708		3.3	0.45	0.58	0.06	<0.1	0.005	0.03	0.8	1.0	12.10	194	0.13	0.01	0.3	<0.2
N810709		5.2	3.48	17.10	0.17	1.4	0.049	2.40	23.0	47.3	1.04	784	0.27	1.33	9.4	3.6
N810710		12.3	3.49	16.10	0.19	1.5	0.046	2.29	25.5	60.0	0.87	767	0.56	1.22	9.7	3.5
N810711		9.2	3.18	16.40	0.17	1.3	0.040	2.35	20.9	51.1	1.08	946	0.41	0.64	8.8	3.2
N810712		8.3	3.20	17.35	0.18	1.4	0.038	2.52	20.5	27.4	0.90	736	0.21	2.05	9.0	3.5
N810713		3.8	3.22	17.20	0.19	1.4	0.039	2.55	17.8	17.0	0.85	882	0.20	2.28	9.1	2.7
N810714		0.9	3.19	24.2	0.18	1.4	0.057	2.01	15.6	32.8	0.63	771	0.16	2.80	8.5	2.4
N810715		1.2	3.40	25.3	0.20	1.6	0.066	1.84	19.5	34.2	0.75	1120	0.17	2.23	10.0	2.6
N810716		2.9	3.19	16.95	0.18	1.3	0.051	1.73	18.2	19.0	0.77	898	0.17	2.62	8.8	2.6
N810717		4.7	2.96	16.40	0.19	1.4	0.035	2.06	19.3	14.2	0.82	849	0.21	2.22	8.5	2.7
N810718		1.5	3.50	18.85	0.17	1.3	0.057	2.37	16.9	25.1	0.72	1160	0.15	1.87	8.5	2.3
N810719		1.8	3.55	20.3	0.19	1.5	0.057	2.46	17.9	26.9	0.75	1170	0.19	1.90	8.9	2.4
N810720		4.0	3.11	20.5	0.18	1.5	0.053	3.22	22.0	31.1	1.10	965	0.21	0.08	8.5	2.6
N810721		1325	8.30	12.60	0.16	1.0	4.74	2.40	16.0	31.9	0.63	3080	15.05	0.08	5.8	12.9
N810722		7.6	2.96	20.3	0.15	1.5	0.044	3.38	23.1	27.9	1.14	855	0.17	0.07	8.3	2.4
N810723		3.0	3.36	20.4	0.18	1.4	0.051	2.98	22.4	63.9	1.14	1240	0.21	0.18	8.5	5.3
N810724		1.4	3.25	16.25	0.17	1.2	0.047	3.28	24.8	21.1	1.00	1470	0.19	0.06	8.1	2.6
N810725		1.2	2.89	16.30	0.16	1.2	0.049	3.72	21.5	15.0	0.63	1790	0.22	0.06	8.1	2.4
N810726		2.9	3.18	18.85	0.18	1.3	0.092	3.51	23.2	18.4	0.95	2220	0.23	0.05	8.4	2.8
N810727		2.5	3.13	18.65	0.16	1.3	0.106	3.45	18.8	20.4	0.66	1550	0.14	0.05	7.8	2.4
N810728		25.7	4.11	18.70	0.17	1.3	0.340	3.32	24.8	18.5	1.08	2910	0.18	0.05	7.8	2.2
N810729		1.9	0.46	0.36	0.26	<0.1	<0.005	0.03	0.7	1.0	12.60	206	0.09	<0.01	0.2	0.4
N810730		6030	14.65	13.85	0.26	0.9	5.47	2.21	15.3	10.3	0.77	2520	5.68	0.04	5.1	2.5
N810731		47.3	6.63	25.7	0.16	1.4	0.806	4.01	27.7	14.6	0.94	3280	0.65	0.08	8.4	4.2
N810732		11.0	3.68	19.10	0.17	1.7	0.073	2.56	24.5	47.8	1.06	1560	0.20	0.39	10.6	3.1
N810733		15.5	3.43	18.50	0.17	3.2	0.073	2.26	34.4	72.5	1.20	1290	1.29	0.06	10.7	9.3
N810734		20.9	3.50	19.60	0.19	4.2	0.040	1.42	37.5	97.1	1.38	909	1.12	0.05	12.0	11.5
N810735		43.5	5.92	18.65	0.17	2.6	0.129	2.33	26.4	50.3	1.12	1740	5.40	0.05	10.0	8.5



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Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12176326**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.2	% 0.005	ppm 0.02
N810700		550	9.5	98.3	<0.002	0.18	6.20	10.3	1	1.8	145.5	0.74	<0.05	12.7	0.253	2.11
N810701		440	9470	138.0	0.002	7.19	219	7.4	2	8.6	116.5	0.45	0.48	8.9	0.184	2.23
N810702		600	10.7	82.2	<0.002	0.10	4.73	12.0	1	1.6	191.0	0.74	<0.05	11.5	0.274	1.51
N810703		1000	18.8	89.1	<0.002	0.07	9.05	18.4	2	2.5	310	1.08	<0.05	13.7	0.429	2.17
N810704		660	12.8	79.7	<0.002	0.07	4.75	13.1	2	1.8	203	0.68	<0.05	9.8	0.297	1.36
N810705		660	11.9	73.7	<0.002	0.10	5.87	13.5	2	1.6	210	0.67	<0.05	10.1	0.302	1.69
N810706		700	11.6	83.4	<0.002	0.16	6.63	14.6	2	1.8	136.5	0.82	<0.05	12.8	0.317	2.11
N810707		590	431	97.3	<0.002	0.72	8.78	12.2	1	1.9	133.5	0.67	<0.05	12.9	0.265	1.85
N810708		200	1.5	1.6	0.002	0.02	<0.05	0.3	1	<0.2	50.8	<0.05	<0.05	<0.2	<0.005	0.02
N810709		680	18.0	90.1	<0.002	0.21	7.50	13.4	2	1.8	164.0	0.84	<0.05	13.9	0.312	2.74
N810710		730	18.1	92.5	<0.002	0.22	9.73	15.1	2	1.8	140.5	0.87	<0.05	14.9	0.331	2.96
N810711		630	20.9	78.5	<0.002	0.22	10.70	12.7	1	1.4	170.5	0.71	<0.05	13.0	0.277	2.39
N810712		660	13.6	86.5	<0.002	0.11	6.07	13.1	1	1.5	186.0	0.68	<0.05	12.1	0.288	1.65
N810713		650	27.0	93.2	<0.002	0.04	6.28	13.0	1	1.5	227	0.71	<0.05	11.3	0.291	1.23
N810714		610	32.2	85.6	<0.002	0.03	9.93	12.6	1	1.8	207	0.70	<0.05	11.3	0.271	1.19
N810715		680	33.0	70.4	<0.002	0.16	12.55	13.8	2	1.9	612	0.81	<0.05	12.6	0.305	1.10
N810716		630	15.7	81.3	<0.002	0.20	5.33	12.7	1	1.7	188.0	0.68	<0.05	11.6	0.276	1.07
N810717		620	12.3	91.6	<0.002	0.04	4.23	12.4	1	1.6	253	0.73	<0.05	12.3	0.277	1.18
N810718		630	17.2	94.3	<0.002	0.09	7.50	12.0	1	1.6	270	0.68	<0.05	11.6	0.282	1.42
N810719		620	18.7	91.5	<0.002	0.09	8.06	12.5	1	1.8	276	0.72	<0.05	12.2	0.290	1.53
N810720		610	16.9	105.5	<0.002	0.24	8.78	12.2	1	2.0	105.0	0.73	<0.05	13.7	0.259	3.42
N810721		460	9680	132.5	<0.002	7.41	228	7.0	3	8.4	121.5	0.46	0.46	8.8	0.191	2.18
N810722		620	14.0	131.5	<0.002	0.20	7.18	12.1	1	1.5	123.0	0.70	<0.05	13.7	0.270	2.59
N810723		610	17.3	108.0	<0.002	0.16	5.69	11.6	1	1.5	176.0	0.70	<0.05	13.3	0.261	2.25
N810724		640	8.9	158.0	<0.002	0.20	3.85	12.3	1	1.4	133.0	0.64	<0.05	13.2	0.271	2.10
N810725		600	8.8	166.0	<0.002	0.22	3.47	11.2	1	1.4	120.5	0.66	<0.05	12.8	0.255	2.40
N810726		620	29.4	157.0	<0.002	0.21	3.44	12.2	1	1.8	148.5	0.69	<0.05	13.1	0.261	2.11
N810727		580	24.2	145.5	<0.002	0.17	3.85	11.3	1	1.7	117.0	0.61	<0.05	12.0	0.255	2.03
N810728		560	299	175.0	<0.002	0.61	6.09	11.5	1	2.1	123.5	0.64	<0.05	13.6	0.242	2.09
N810729		200	1.8	1.5	<0.002	0.02	<0.05	0.3	1	<0.2	48.5	<0.05	<0.05	0.2	<0.005	<0.02
N810730		390	3710	114.0	<0.002	>10.0	286	6.4	2	6.2	184.5	0.42	0.19	9.1	0.162	1.71
N810731		580	904	204	<0.002	2.82	14.60	11.2	1	6.5	135.5	0.73	<0.05	15.4	0.265	2.70
N810732		750	45.9	88.9	<0.002	0.23	9.56	14.1	2	2.2	207	0.90	<0.05	15.7	0.336	1.83
N810733		1290	55.4	99.1	<0.002	0.16	15.90	9.8	1	2.0	320	0.74	<0.05	11.5	0.369	1.56
N810734		1690	15.4	56.2	<0.002	0.01	21.4	8.5	1	2.4	363	0.79	<0.05	9.0	0.424	1.01
N810735		1100	1775	97.4	<0.002	2.60	40.0	9.8	2	4.5	258	0.73	<0.05	11.5	0.336	2.04



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 Account: ROCKHA

Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12176326**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810700		5.2	68	0.8	11.8	47	46.1		
N810701		5.2	54	4.6	9.2	>10000	33.5	120	1.620
N810702		4.7	68	0.7	12.8	42	44.4		
N810703		4.8	122	1.9	20.1	75	53.6		
N810704		3.2	82	1.1	14.0	50	32.3		
N810705		3.5	77	1.1	13.9	51	31.3		
N810706		6.7	81	2.0	14.8	61	37.7		
N810707		4.7	71	2.1	14.0	2530	33.0		
N810708		0.6	2	0.1	0.9	16	<0.5		
N810709		4.7	82	1.6	14.1	65	38.7		
N810710		4.4	75	1.6	14.3	56	39.5		
N810711		5.1	75	1.8	15.9	57	31.8		
N810712		3.2	77	1.3	12.3	54	35.3		
N810713		3.7	73	1.6	14.0	83	33.9		
N810714		3.2	105	1.8	14.3	66	33.8		
N810715		3.8	102	1.6	16.4	84	38.2		
N810716		3.1	67	3.4	12.9	74	33.0		
N810717		3.0	74	1.1	12.2	64	32.3		
N810718		4.6	87	2.1	13.4	83	32.3		
N810719		4.6	92	2.2	14.0	87	35.7		
N810720		4.2	76	2.1	12.8	67	37.7		
N810721		5.5	54	4.4	9.4	>10000	30.6	124	1.635
N810722		4.0	81	1.9	12.4	55	38.9		
N810723		4.0	76	1.4	13.6	59	36.5		
N810724		5.6	70	2.1	15.7	45	30.5		
N810725		3.7	69	1.8	14.6	41	29.3		
N810726		4.7	77	3.2	15.1	84	34.4		
N810727		4.0	74	4.7	12.1	101	33.4		
N810728		6.0	67	6.9	13.0	1100	32.1		
N810729		0.9	3	0.1	0.9	16	<0.5		
N810730		8.4	56	9.2	6.8	5510	21.5	119	
N810731		11.5	106	6.1	11.0	2400	35.1		
N810732		6.5	81	2.2	17.3	152	43.6		
N810733		3.6	79	2.5	14.3	153	126.5		
N810734		4.1	84	3.0	13.6	84	173.0		
N810735		34.7	78	7.3	10.9	4010	99.9		



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Project: Klaza-91

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**CERTIFICATE OF ANALYSIS WH12176326**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12176327**

Project: Klaza-91

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 18-AUG-2012  
Account: ROCKHA

Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12176327**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810736		0.26	2.22	25.2	6.02	3460	1210	1.28	19.05	2.21	75.7	44.2	10.0	18	14.45	437
N810737		8.58	0.007	1.40	8.70	276	1690	2.15	1.66	4.02	2.55	59.1	13.9	8	15.15	5.4
N810738		6.21	0.005	0.67	7.09	413	1500	1.57	1.30	3.46	0.34	46.5	9.4	9	11.40	5.3
N810739		3.72	0.008	0.88	7.45	90.8	1450	1.70	2.33	3.43	0.20	53.4	15.3	9	13.00	3.2
N810740		6.70	<0.005	0.23	7.21	26.7	1440	1.66	0.82	2.93	0.05	42.5	9.0	11	16.55	3.2
N810741		7.03	<0.005	0.15	7.50	14.5	1600	1.42	0.52	3.26	0.35	48.7	8.4	10	12.65	4.0
N810742		2.96	<0.005	0.12	8.22	9.1	1420	1.34	0.36	1.35	0.08	53.6	7.3	9	11.25	2.9
N810743		1.19	<0.005	0.09	8.35	8.6	1220	1.33	0.26	1.30	0.10	57.2	6.8	9	11.65	3.9
N810744		4.00	<0.005	0.08	8.05	8.0	1550	1.26	0.32	2.51	0.06	49.3	9.3	9	12.20	3.1
N810745		7.76	0.006	0.28	7.26	22.1	1880	1.57	1.43	3.04	0.10	42.3	8.9	8	12.30	3.9
N810746		4.96	<0.005	0.20	7.91	28.9	5370	2.86	2.25	4.49	0.13	38.5	10.7	7	22.7	6.0
N810747		5.34	<0.005	0.15	8.86	17.0	7200	2.40	1.67	5.83	0.10	55.0	10.0	9	33.2	2.6
N810748		6.95	<0.005	0.16	7.04	87.3	1680	1.47	0.47	3.66	0.37	43.0	8.2	9	16.35	6.2
N810749		<0.02	<0.005	0.08	6.95	35.2	1660	1.41	0.34	3.65	0.16	44.2	8.0	9	15.95	5.3
N810750		9.05	<0.005	0.22	6.98	54.2	2050	1.52	0.45	2.78	0.13	40.5	7.5	9	13.65	9.0
N810751		8.13	<0.005	0.28	7.04	106.5	1450	1.53	0.40	2.74	0.11	45.3	8.0	10	20.5	7.1
N810752		8.51	<0.005	0.17	7.12	50.0	1490	1.42	0.22	3.00	0.16	48.2	7.1	9	21.7	4.6
N810753		8.36	<0.005	0.08	7.21	9.6	2030	1.49	0.32	3.00	0.08	38.7	7.7	8	15.50	3.1
N810754		7.69	<0.005	0.11	8.24	15.2	3560	2.23	0.81	3.44	0.14	40.7	10.1	8	25.3	2.3
N810755		0.26	4.49	>100	5.54	6710	1150	1.20	58.7	1.98	227	31.8	9.2	18	11.35	1265
N810756		7.99	<0.005	0.11	7.01	11.9	2570	1.68	0.15	2.59	0.11	35.5	7.7	11	16.45	5.9
N810757		7.39	<0.005	0.12	6.94	47.2	2290	1.24	0.23	2.83	0.24	37.6	7.5	11	12.05	7.0
N810758		6.88	<0.005	0.16	6.73	22.0	2420	1.19	0.24	2.77	0.19	46.4	7.9	9	15.10	10.4
N810759		6.15	<0.005	0.16	6.94	26.6	1590	1.28	0.34	2.54	0.25	49.3	7.6	11	19.45	14.9
N810760		5.04	<0.005	0.08	6.52	17.1	1770	1.51	0.25	3.76	0.14	32.2	6.5	9	16.05	13.3
N810761		6.69	0.007	0.31	7.43	37.0	2320	1.89	0.43	4.81	0.99	30.0	7.3	6	20.3	11.4
N810762		8.33	0.044	0.46	6.64	57.2	2250	1.50	0.57	3.90	1.85	39.1	6.8	7	24.5	17.8
N810763		4.40	0.123	1.32	6.06	206	750	1.51	1.34	3.79	1.86	43.1	7.3	8	16.15	53.3
N810764		2.23	<0.005	0.02	0.08	5	20	0.09	0.03	21.5	0.07	1.09	0.7	1	0.20	2.0
N810765		5.85	<0.005	0.18	6.07	42.5	7720	1.26	0.12	2.77	0.24	63.3	7.7	24	20.1	10.5
N810766		7.16	0.080	2.44	6.79	233	1030	1.41	2.41	2.75	16.20	54.9	8.3	11	8.76	41.5
N810767		4.17	<0.005	0.16	0.06	<5	50	0.05	0.02	21.3	0.07	1.06	0.5	1	0.11	2.6
N810768		4.12	0.088	4.21	7.80	102.5	500	1.19	5.95	3.31	20.3	52.0	27.3	7	6.47	32.4
N810769		7.25	<0.005	0.17	6.99	12.3	1460	1.17	0.32	2.54	0.34	42.7	9.6	7	6.44	5.1
N810770		5.94	<0.005	0.06	7.27	14.7	1790	1.42	0.26	2.87	0.13	47.4	5.4	10	6.82	2.3
N810771		4.95	<0.005	0.13	7.30	22.4	2320	1.43	0.49	3.66	0.31	44.2	12.4	10	8.40	1.8



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Account: ROCKHA

Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12176327**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810736		6.82	14.10	0.14	0.9	1.630	2.61	23.4	23.4	0.92	1880	13.45	0.04	5.8	15.4	450
N810737		4.45	19.10	0.17	1.3	0.141	4.00	28.6	22.2	1.50	2980	0.77	0.18	9.5	3.6	720
N810738		3.16	14.80	0.15	1.1	0.078	3.30	24.7	22.5	1.29	1740	1.08	0.05	7.1	2.9	550
N810739		3.37	16.10	0.18	1.2	0.094	3.39	30.1	20.8	1.30	1800	0.95	0.06	7.9	3.6	580
N810740		2.91	17.05	0.14	1.1	0.050	2.57	19.6	33.1	0.70	1080	0.48	0.88	8.1	2.8	610
N810741		3.10	16.45	0.15	1.1	0.044	2.29	23.1	30.2	0.86	1130	0.66	1.25	7.9	2.9	610
N810742		2.87	17.95	0.16	1.2	0.045	2.23	27.8	54.8	0.52	815	2.53	0.08	8.8	2.4	680
N810743		2.90	18.25	0.15	1.2	0.034	2.25	30.5	52.6	0.51	810	1.34	0.08	8.9	2.4	660
N810744		3.22	18.25	0.17	1.3	0.044	2.31	24.2	33.6	0.69	853	0.46	0.41	8.8	2.6	690
N810745		3.59	16.90	0.14	1.1	0.104	2.55	21.1	28.3	0.73	1390	0.37	0.36	7.6	2.5	600
N810746		3.54	26.9	0.18	1.3	0.173	2.88	17.9	54.3	0.77	1900	0.28	0.17	9.2	3.5	650
N810747		4.23	24.9	0.16	1.4	0.116	2.30	25.4	36.8	1.18	2070	0.33	1.30	10.0	3.7	750
N810748		2.97	16.65	0.15	1.2	0.048	2.23	22.2	29.4	0.83	955	0.43	0.95	8.1	2.7	590
N810749		3.00	16.15	0.13	1.2	0.045	2.19	22.2	28.7	0.81	946	0.38	0.93	7.9	2.8	580
N810750		2.98	16.30	0.13	1.2	0.044	2.73	20.0	17.9	0.80	1060	0.90	1.22	7.9	2.7	550
N810751		2.96	17.50	0.16	1.3	0.045	2.69	21.3	31.3	0.76	942	0.73	1.00	8.4	2.8	580
N810752		2.98	15.80	0.17	1.1	0.035	2.44	25.4	30.3	0.96	952	0.62	0.89	7.4	2.6	580
N810753		3.21	16.25	0.16	1.1	0.039	2.39	18.5	34.3	0.83	854	0.34	1.65	7.9	2.7	630
N810754		3.27	19.35	0.17	1.3	0.041	2.24	19.6	73.3	0.94	1230	0.17	2.30	9.5	3.0	680
N810755		8.10	13.10	0.14	1.2	4.63	2.30	16.1	32.3	0.63	3050	15.80	0.08	5.4	14.4	450
N810756		2.92	14.20	0.12	1.2	0.042	2.36	15.8	33.1	0.81	790	0.31	1.67	7.3	3.0	590
N810757		2.95	13.55	0.14	1.1	0.031	2.52	16.4	28.7	0.98	820	0.38	1.09	7.0	2.9	560
N810758		2.99	11.20	0.13	1.2	0.033	2.01	20.9	47.1	1.02	935	0.55	0.05	7.4	3.0	560
N810759		2.63	11.60	0.14	1.2	0.044	2.33	22.0	36.2	0.95	863	0.97	0.05	7.3	3.0	570
N810760		2.68	11.55	0.13	1.1	0.029	2.42	14.3	40.9	1.11	981	0.34	0.08	6.1	2.6	490
N810761		2.64	12.60	0.14	1.1	0.071	2.99	14.5	23.2	1.63	1330	0.33	0.05	4.9	2.5	410
N810762		2.84	13.25	0.14	1.2	0.086	2.23	18.2	70.0	1.12	1140	0.37	0.04	5.7	3.0	500
N810763		3.62	12.65	0.14	1.4	0.198	2.09	21.4	109.5	1.13	1260	0.60	0.04	5.9	3.6	510
N810764		0.48	0.20	0.06	<0.1	0.006	0.03	0.5	1.3	12.85	219	0.15	0.01	0.1	1.7	180
N810765		2.75	14.85	0.17	3.4	0.035	1.96	30.4	50.4	0.92	831	0.81	0.03	8.5	9.4	1170
N810766		5.14	16.00	0.13	1.5	0.404	3.04	25.4	17.2	1.17	1900	14.20	0.05	6.8	4.1	610
N810767		0.46	0.17	0.06	<0.1	<0.005	0.02	0.5	1.0	12.70	215	0.18	0.01	0.1	1.6	210
N810768		6.70	21.3	0.17	1.1	0.450	3.84	24.1	9.2	1.06	3900	0.89	0.04	7.2	3.7	560
N810769		2.84	13.60	0.13	1.1	0.115	2.76	20.7	154.0	0.86	1040	0.20	0.04	6.1	2.1	450
N810770		3.14	15.35	0.13	1.3	0.072	2.66	22.1	187.0	1.03	1010	0.22	0.04	7.0	3.1	580
N810771		3.10	16.55	0.15	0.9	0.079	2.88	20.3	195.5	1.33	1220	0.38	0.04	7.2	2.8	590



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**CERTIFICATE OF ANALYSIS WH12176327**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810736		2830	158.0	0.002	4.86	89.2	7.9	1	7.9	91.7	0.49	0.35	10.6	0.181	2.18	5.2
N810737		180.0	167.0	0.002	0.68	13.65	13.7	1	2.6	136.5	0.82	<0.05	15.5	0.312	3.09	8.3
N810738		29.5	147.5	<0.002	0.39	13.55	10.5	1	1.8	90.3	0.66	<0.05	13.5	0.252	2.81	9.3
N810739		21.6	171.0	<0.002	0.75	14.00	12.4	1	1.7	102.0	0.70	<0.05	14.7	0.259	2.94	7.3
N810740		13.5	95.0	<0.002	0.26	6.80	11.2	1	1.6	253	0.72	<0.05	11.8	0.269	1.87	4.4
N810741		40.7	81.8	<0.002	0.12	7.35	11.2	1	1.5	340	0.70	<0.05	14.0	0.269	1.34	4.7
N810742		15.7	79.7	<0.002	0.07	19.20	12.8	1	1.7	109.5	0.77	<0.05	16.8	0.292	0.98	3.8
N810743		15.3	83.6	<0.002	0.05	18.25	13.0	1	1.8	108.0	0.76	<0.05	16.9	0.299	0.89	2.8
N810744		21.7	76.8	<0.002	0.03	8.59	13.1	1	1.7	211	0.80	<0.05	15.3	0.299	1.16	5.1
N810745		21.9	93.4	<0.002	0.31	7.46	10.9	1	1.8	176.0	0.66	<0.05	12.3	0.266	1.64	4.9
N810746		22.1	82.5	<0.002	0.34	20.1	11.4	1	2.7	273	0.76	<0.05	10.9	0.294	2.64	10.5
N810747		35.4	85.9	<0.002	0.22	15.35	13.6	1	2.1	508	0.86	<0.05	14.9	0.320	1.86	4.2
N810748		35.2	80.3	<0.002	0.07	5.91	11.4	1	2.1	351	0.73	<0.05	12.8	0.266	1.00	4.4
N810749		24.7	75.3	<0.002	0.06	5.34	11.0	1	1.9	352	0.69	<0.05	12.7	0.263	1.02	4.4
N810750		31.0	107.5	<0.002	0.27	5.72	10.7	1	2.0	312	0.72	<0.05	13.7	0.256	1.48	3.9
N810751		20.7	108.0	<0.002	0.27	7.32	11.6	1	1.7	274	0.74	<0.05	14.0	0.265	1.72	5.3
N810752		17.3	106.0	<0.002	0.27	8.36	10.9	1	1.5	256	0.65	0.05	14.6	0.258	1.59	4.0
N810753		18.1	72.3	<0.002	0.05	4.66	11.2	1	1.5	347	0.71	<0.05	12.3	0.287	1.31	4.0
N810754		18.0	86.5	<0.002	0.22	7.30	12.9	1	1.8	306	0.82	<0.05	13.1	0.310	1.91	4.2
N810755		9380	137.0	0.002	7.24	213	7.7	<1	8.9	127.5	0.42	0.51	9.5	0.176	2.33	5.4
N810756		14.0	81.9	<0.002	0.16	5.83	10.2	<1	1.6	280	0.59	<0.05	9.8	0.253	1.60	3.0
N810757		24.1	84.3	<0.002	0.10	7.99	10.0	<1	1.5	275	0.58	<0.05	10.5	0.243	1.28	4.0
N810758		12.9	66.7	<0.002	0.16	13.50	10.6	1	1.6	147.0	0.62	<0.05	11.9	0.238	1.47	3.2
N810759		67.1	81.1	<0.002	0.15	12.20	10.9	<1	2.6	150.5	0.61	<0.05	12.6	0.245	1.90	3.4
N810760		11.1	66.5	<0.002	0.10	10.60	8.2	<1	1.9	178.0	0.53	<0.05	8.6	0.206	1.81	3.0
N810761		47.5	94.1	<0.002	0.22	11.05	7.0	<1	2.2	215	0.43	<0.05	7.8	0.173	2.01	3.7
N810762		105.0	93.1	<0.002	0.45	17.90	8.1	<1	2.0	193.0	0.47	<0.05	9.4	0.200	1.88	3.6
N810763		76.4	101.0	<0.002	1.33	26.8	9.0	<1	2.5	189.5	0.47	<0.05	10.9	0.206	2.03	4.8
N810764		1.7	1.2	<0.002	0.02	0.15	0.2	<1	0.4	42.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N810765		17.3	88.9	<0.002	0.27	35.9	6.7	<1	1.6	445	0.55	<0.05	7.3	0.316	1.95	4.5
N810766		642	174.0	<0.002	2.33	23.0	9.1	<1	5.6	171.0	0.58	<0.05	12.5	0.248	2.49	7.6
N810767		2.4	1.0	<0.002	0.01	0.07	0.1	<1	0.4	49.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N810768		794	197.5	<0.002	3.54	15.30	10.5	<1	6.3	85.5	0.69	0.10	13.7	0.238	3.26	6.1
N810769		17.7	155.0	<0.002	0.25	9.75	8.4	<1	1.9	92.4	0.59	<0.05	13.6	0.190	2.48	4.7
N810770		5.5	115.5	0.002	0.15	7.96	11.0	<1	1.8	117.0	0.65	<0.05	13.3	0.241	2.16	4.1
N810771		13.0	131.0	<0.002	0.32	10.40	10.9	<1	1.8	127.0	0.51	<0.05	10.7	0.250	2.43	5.8



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**CERTIFICATE OF ANALYSIS WH12176327**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810736		58	5.0	9.7	5410	25.3		
N810737		80	4.5	16.1	330	34.2		
N810738		69	2.7	13.6	90	27.0		
N810739		66	2.4	15.5	58	31.5		
N810740		77	1.4	13.8	44	30.8		
N810741		77	1.3	16.5	94	29.4		
N810742		79	6.3	16.9	57	32.7		
N810743		79	6.4	17.1	58	32.4		
N810744		85	2.7	17.2	63	32.8		
N810745		75	3.3	13.2	83	28.6		
N810746		112	3.5	15.3	118	35.6		
N810747		105	3.1	18.8	177	37.7		
N810748		74	2.2	16.7	112	31.7		
N810749		75	2.2	16.3	87	30.9		
N810750		72	1.6	14.2	65	31.1		
N810751		73	2.0	15.2	62	35.9		
N810752		69	1.6	14.5	70	29.4		
N810753		80	1.2	13.8	72	28.3		
N810754		86	1.0	13.5	109	36.9		
N810755		52	4.6	9.4	>10000	32.2	115	1.550
N810756		73	0.8	11.3	74	26.7		
N810757		67	1.2	12.2	72	27.0		
N810758		54	0.9	12.0	74	29.8		
N810759		54	0.8	11.5	75	27.4		
N810760		62	0.8	10.4	66	26.2		
N810761		79	1.0	10.3	117	26.7		
N810762		69	2.2	10.2	199	30.0		
N810763		62	2.3	13.3	203	38.6		
N810764		1	0.1	0.7	15	<0.5		
N810765		65	2.1	12.9	87	133.5		
N810766		79	5.6	8.1	1900	42.6		
N810767		2	0.1	0.7	17	<0.5		
N810768		106	6.2	13.1	2070	27.5		
N810769		58	2.3	10.2	62	25.5		
N810770		64	2.4	11.0	48	29.1		
N810771		73	2.8	12.6	58	20.6		



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**CERTIFICATE OF ANALYSIS WH12176327**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12176328**

Project: Klaza-92

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12176328**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N812034		5.77	0.423	20.1	6.07	424	150	1.35	25.7	2.59	22.9	47.0	11.5	6	14.80	273
N812035		6.76	0.047	0.78	7.76	40.7	2080	1.57	1.26	2.52	0.53	52.2	8.1	9	12.50	45.4
N812036		3.01	0.563	9.68	6.93	823	220	1.47	11.70	1.84	34.0	50.1	6.9	9	16.20	200
N812037		2.36	<0.005	0.02	0.07	<5	20	<0.05	0.03	20.9	0.07	1.09	1.2	<1	0.15	1.6
N812038		6.12	<0.005	0.13	7.62	5.5	2110	1.54	0.14	2.71	0.17	51.3	7.4	11	9.38	19.3
N812039		0.23	4.37	>100	5.38	6970	70	1.08	60.6	1.95	224	32.1	8.7	17	11.15	1315
N812040		6.90	<0.005	0.21	7.28	9.5	2080	1.61	0.52	2.54	0.24	49.1	7.2	10	8.05	33.0
N812041		3.85	<0.005	0.15	7.68	8.7	2130	1.64	0.35	2.52	0.18	52.3	7.0	10	8.02	13.8
N812042		4.05	<0.005	0.11	7.30	8.5	2050	1.64	0.23	2.50	0.13	52.2	7.3	9	6.11	28.1
N812043		3.52	<0.005	0.13	8.31	11.5	2460	1.84	0.14	3.07	0.19	56.6	10.7	23	6.58	36.3
N812044		6.46	<0.005	0.07	7.52	8.5	2130	1.66	0.23	2.58	0.23	54.1	7.6	12	6.52	12.4
N812045		4.46	0.033	0.51	7.95	104.0	1100	1.41	0.99	2.29	0.79	50.9	7.3	11	12.90	27.1
N812046		7.59	<0.005	0.13	7.89	8.3	2240	1.39	0.35	2.73	0.14	47.9	7.1	12	7.97	20.5
N812047		7.82	0.013	0.08	7.88	5.4	2290	1.47	0.21	2.86	0.13	46.0	7.1	13	9.98	22.4
N812048		7.06	0.008	0.12	7.61	6.8	2190	1.25	0.39	3.04	0.13	40.0	6.7	11	11.70	32.6
N812049		<0.02	0.008	0.18	7.73	9.1	2200	1.25	0.38	3.08	0.15	43.7	6.9	10	12.35	31.7
N812050		2.42	<0.005	0.15	6.99	17.8	3570	1.34	0.90	2.88	0.20	38.8	8.9	9	17.00	11.5
N812051		5.51	<0.005	0.09	8.19	6.8	2370	1.49	0.24	3.16	0.11	50.7	6.8	10	12.55	16.1
N812052		5.70	<0.005	0.10	7.77	9.6	2190	1.32	0.34	2.88	0.10	47.2	7.8	9	14.65	21.5
N812053		5.89	<0.005	0.09	7.95	6.3	2350	1.54	0.22	2.81	0.11	47.5	7.2	10	9.44	18.5
N812054		6.47	<0.005	0.16	8.27	7.9	2410	1.42	0.37	3.12	0.13	52.7	8.5	10	9.83	38.9
N812055		7.63	0.005	0.12	8.38	8.2	2430	1.34	0.36	2.91	0.14	54.1	8.1	12	8.71	26.9
N812056		0.22	0.794	9.40	6.92	1785	1260	1.37	6.80	1.95	43.1	43.7	16.7	20	16.50	110.5
N812057		8.56	<0.005	0.13	7.75	7.5	2190	1.58	0.24	2.96	0.15	47.7	7.9	10	7.89	28.2
N812058		7.83	<0.005	0.22	7.76	8.0	2260	1.52	0.28	2.68	0.14	45.7	7.4	10	11.75	47.6
N812059		4.13	1.035	2.55	7.31	1730	820	1.38	3.19	1.45	6.25	46.3	9.2	7	16.85	46.0
N812060		2.95	1.310	7.68	6.64	411	620	1.15	6.80	3.03	62.6	41.1	8.4	7	11.50	83.2
N812061		2.40	<0.005	0.03	0.07	6	60	0.08	0.04	22.6	0.16	1.08	1.5	1	0.15	1.4
N812062		3.79	<0.005	0.09	7.91	11.1	2120	1.29	0.20	2.32	0.21	48.1	7.0	9	16.10	17.6
N812063		1.70	0.007	0.12	8.24	10.8	2240	1.32	0.24	2.23	0.16	55.4	7.2	10	16.05	20.3
N812064		3.18	<0.005	0.13	8.11	5.8	2320	1.59	0.28	2.88	0.12	50.2	8.0	11	11.70	16.0
N812065		2.87	<0.005	0.12	7.65	8.4	2160	1.48	0.50	2.94	0.13	44.2	7.8	9	15.95	16.0
N812066		3.69	<0.005	0.09	8.06	6.9	2410	1.52	0.33	2.93	0.09	42.4	7.7	10	13.70	15.4
N812067		3.57	0.045	0.71	7.54	112.0	950	1.35	1.16	2.73	2.06	50.8	8.4	8	19.70	15.8
N812068		6.19	<0.005	0.08	8.28	6.7	2250	1.58	0.28	2.88	0.12	52.1	7.6	11	15.40	14.0
N812069		4.51	<0.005	0.11	7.63	7.6	2220	1.43	0.27	2.81	0.13	42.8	7.9	10	19.10	15.2





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Project: Klaza-92

**CERTIFICATE OF ANALYSIS WH12176328**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812034		5.18	14.50	0.15	0.8	0.473	2.65	24.2	15.6	0.90	4640	6.58	0.04	6.2	2.1	460
N812035		3.16	18.00	0.19	1.2	0.095	2.89	25.2	16.6	0.71	711	2.12	1.60	8.7	2.5	590
N812036		4.94	16.85	0.16	1.0	0.513	2.91	25.7	14.4	0.66	1950	30.1	0.23	7.7	2.5	510
N812037		0.45	0.29	0.23	<0.1	<0.005	0.02	0.5	0.9	12.45	200	0.18	0.01	0.3	0.3	180
N812038		2.98	16.85	0.14	1.1	0.042	2.75	24.4	12.9	0.81	617	1.47	2.28	8.7	2.4	600
N812039		8.06	12.00	0.14	1.1	4.75	2.38	14.8	33.4	0.61	2960	15.10	0.08	5.6	12.4	440
N812040		2.92	17.45	0.15	1.2	0.067	2.65	23.4	14.0	0.84	607	1.44	2.31	8.6	2.4	580
N812041		2.86	18.05	0.16	1.3	0.068	2.65	25.1	14.9	0.86	616	3.95	2.51	8.9	2.5	600
N812042		2.82	17.80	0.18	1.3	0.059	2.64	25.7	11.3	0.82	589	1.68	2.25	8.7	2.5	560
N812043		3.52	18.85	0.21	2.1	0.052	2.98	26.9	13.2	1.30	881	1.48	2.57	10.9	10.0	910
N812044		2.89	18.30	0.18	1.2	0.054	2.77	26.5	10.1	0.83	571	33.0	2.33	9.0	2.7	580
N812045		3.96	16.10	0.10	1.2	0.126	3.08	27.5	9.6	0.66	876	0.92	1.29	8.3	2.8	610
N812046		3.05	16.70	0.10	1.2	0.054	2.75	24.5	10.1	0.83	628	3.21	2.45	8.7	2.8	650
N812047		3.02	16.60	0.13	1.1	0.048	2.67	23.4	14.4	0.83	567	5.12	2.39	8.7	2.9	650
N812048		3.14	16.75	0.13	0.9	0.061	2.37	19.3	11.7	0.80	657	6.41	2.28	8.3	2.8	670
N812049		3.15	17.15	0.17	1.0	0.065	2.37	21.5	11.9	0.81	664	6.59	2.30	8.5	3.0	690
N812050		3.65	16.65	0.14	0.8	0.167	2.22	19.1	24.5	0.59	979	12.85	0.11	8.0	2.9	700
N812051		3.30	17.00	0.19	1.0	0.063	2.58	27.9	16.0	0.79	643	1.63	1.92	8.4	2.9	690
N812052		3.22	16.55	0.17	0.9	0.101	2.48	24.3	15.7	0.84	639	3.35	2.09	8.1	2.7	650
N812053		3.13	17.25	0.22	1.0	0.051	2.59	25.5	16.6	0.97	624	2.09	2.14	8.4	3.0	650
N812054		3.38	17.30	0.21	1.0	0.075	2.58	28.8	12.7	1.02	737	6.88	2.20	8.6	3.1	700
N812055		3.41	17.80	0.24	1.0	0.063	2.62	29.8	12.7	1.07	724	1.88	2.39	8.8	3.2	700
N812056		5.50	15.90	0.19	1.4	0.955	2.80	22.9	24.4	0.72	2050	11.90	0.27	7.9	17.6	520
N812057		3.16	17.70	0.17	1.1	0.044	2.59	24.4	12.0	0.95	741	2.30	2.29	8.7	3.2	650
N812058		3.19	17.40	0.20	1.0	0.063	2.68	23.0	12.2	0.79	671	7.94	2.04	8.8	3.2	660
N812059		6.34	16.45	0.19	1.0	0.253	3.05	24.6	13.3	0.64	1420	4.18	0.11	8.0	2.9	590
N812060		6.81	15.30	0.19	0.8	2.11	2.82	22.1	9.7	1.05	7670	2.07	0.05	6.6	2.6	500
N812061		0.52	0.34	0.08	<0.1	0.007	0.03	0.5	0.6	13.95	247	0.07	<0.01	0.3	2.0	200
N812062		3.29	16.85	0.17	1.1	0.050	2.62	24.6	22.8	0.67	776	2.78	1.14	8.6	2.7	670
N812063		3.34	17.05	0.22	1.1	0.040	2.70	30.3	21.0	0.72	760	2.85	1.28	8.4	2.8	660
N812064		3.14	17.75	0.24	1.0	0.048	2.74	26.1	12.7	0.83	632	3.92	2.41	8.8	3.0	650
N812065		3.03	17.30	0.22	1.0	0.049	2.64	21.8	15.0	0.67	698	1.09	1.52	8.4	3.0	650
N812066		3.17	17.70	0.24	0.9	0.053	2.68	21.4	9.7	0.69	580	1.51	2.20	8.6	3.0	660
N812067		4.68	16.00	0.21	0.9	0.199	2.91	28.0	18.0	1.00	1460	1.91	0.12	7.7	2.9	580
N812068		3.31	18.20	0.23	1.2	0.059	2.75	27.3	15.5	0.80	669	1.05	1.94	8.9	3.2	680
N812069		3.05	16.95	0.24	1.0	0.055	2.59	21.9	11.8	0.71	619	1.41	2.09	7.9	2.9	620



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Project: Klaza-92

**CERTIFICATE OF ANALYSIS WH12176328**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812034		447	159.5	0.005	3.66	91.9	8.9	2	7.0	65.6	0.48	0.59	11.1	0.191	2.44	7.1
N812035		31.0	119.0	<0.002	0.28	7.73	11.2	1	4.5	298	0.76	0.12	15.2	0.249	1.42	4.9
N812036		1295	163.5	0.005	3.14	22.9	9.9	1	7.6	79.4	0.67	0.19	13.5	0.222	2.19	7.7
N812037		2.4	1.2	<0.002	0.01	0.05	0.2	1	<0.2	41.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812038		20.0	102.5	<0.002	0.02	1.04	10.6	1	1.8	387	0.72	<0.05	14.8	0.257	1.11	4.3
N812039		9460	125.0	<0.002	7.17	214	6.6	3	8.2	116.0	0.45	0.46	8.5	0.190	2.10	5.5
N812040		21.3	96.9	<0.002	0.03	1.33	11.4	1	1.8	392	0.70	<0.05	14.4	0.250	1.05	4.2
N812041		19.2	100.0	0.003	0.02	1.85	11.7	2	2.5	413	0.74	<0.05	15.1	0.257	1.00	4.9
N812042		18.0	99.5	<0.002	0.04	1.00	11.2	1	1.8	392	0.78	<0.05	15.6	0.243	0.98	5.8
N812043		22.3	110.0	<0.002	0.01	1.28	14.7	2	2.2	470	0.84	<0.05	16.0	0.371	1.18	5.2
N812044		20.1	106.5	0.014	0.21	1.57	11.6	2	2.1	372	0.77	0.06	16.3	0.253	1.07	5.5
N812045		45.7	150.5	<0.002	1.74	4.11	10.9	2	2.6	246	0.75	0.15	14.7	0.249	1.74	4.8
N812046		18.8	103.0	0.002	0.14	1.56	10.8	1	2.0	382	0.76	0.06	13.5	0.259	1.10	5.0
N812047		17.2	97.8	0.006	0.04	1.51	11.0	1	1.8	397	0.75	<0.05	13.0	0.261	1.00	4.3
N812048		18.1	78.8	0.004	0.03	2.34	11.2	1	2.2	415	0.60	<0.05	9.7	0.280	0.99	2.9
N812049		18.3	81.6	0.003	0.03	2.52	11.7	1	2.2	416	0.63	<0.05	10.4	0.280	0.95	3.0
N812050		18.9	84.8	0.007	0.58	16.50	11.2	1	3.0	109.0	0.58	0.17	9.3	0.260	1.31	4.5
N812051		16.5	99.7	0.002	0.08	3.94	12.0	1	2.8	370	0.65	0.05	12.5	0.281	1.04	3.2
N812052		16.6	88.2	0.002	0.13	3.20	11.3	2	3.5	369	0.64	0.05	11.3	0.265	0.96	3.3
N812053		17.1	99.7	<0.002	0.09	1.71	12.2	2	2.0	414	0.65	0.05	13.2	0.269	1.04	3.7
N812054		18.2	102.5	<0.002	0.13	1.75	12.5	1	2.5	420	0.64	0.05	12.7	0.281	1.05	3.7
N812055		17.0	99.8	<0.002	0.13	1.72	12.9	2	2.2	464	0.65	0.05	13.2	0.290	1.07	3.9
N812056		1350	153.0	<0.002	3.07	34.9	9.6	1	6.0	154.5	0.66	0.30	12.2	0.204	2.45	5.4
N812057		18.4	95.6	<0.002	0.04	1.69	12.5	2	2.2	403	0.72	<0.05	13.7	0.268	1.05	4.2
N812058		18.3	97.9	<0.002	0.06	3.03	12.0	2	2.3	369	0.76	<0.05	14.3	0.268	1.17	3.9
N812059		136.0	160.5	<0.002	4.27	18.00	11.1	1	5.5	63.0	0.67	0.21	13.4	0.231	2.41	7.3
N812060		652	150.5	<0.002	5.26	14.55	9.5	2	7.9	76.7	0.51	0.30	10.0	0.199	2.09	3.5
N812061		2.9	1.3	<0.002	0.02	0.07	0.3	1	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N812062		16.7	95.8	<0.002	0.04	10.00	11.8	1	2.2	238	0.70	<0.05	13.0	0.277	1.17	3.5
N812063		16.3	108.0	<0.002	0.05	8.58	11.9	2	2.0	255	0.68	<0.05	14.9	0.269	1.17	3.9
N812064		18.2	101.0	<0.002	0.08	2.90	11.9	1	2.0	410	0.71	<0.05	14.1	0.271	1.09	4.9
N812065		16.0	89.9	<0.002	0.18	3.08	11.1	1	2.0	297	0.70	0.15	12.4	0.263	1.09	4.6
N812066		16.0	100.0	<0.002	0.15	2.31	12.0	1	1.9	392	0.68	0.07	12.9	0.273	1.08	3.6
N812067		50.5	153.0	0.002	2.15	10.30	10.7	2	3.1	87.8	0.65	0.42	14.2	0.239	2.18	7.2
N812068		17.5	108.0	<0.002	0.17	3.30	12.7	2	2.0	350	0.77	0.06	15.1	0.276	1.16	4.5
N812069		22.0	97.7	<0.002	0.16	1.84	11.4	2	1.9	364	0.63	<0.05	11.9	0.252	1.06	6.0



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**CERTIFICATE OF ANALYSIS WH12176328**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812034		56	4.6	12.3	1910	19.8		
N812035		69	2.3	17.6	113	30.6		
N812036		63	3.9	13.3	2430	24.6		
N812037		2	0.1	0.8	15	<0.5		
N812038		71	1.5	17.8	51	28.1		
N812039		53	4.3	8.6	>10000	29.3	121	1.650
N812040		69	1.3	17.7	55	29.8		
N812041		71	1.2	19.0	54	33.0		
N812042		67	1.3	18.5	46	32.6		
N812043		96	2.5	23.3	67	56.3		
N812044		69	1.2	18.8	46	31.8		
N812045		70	2.3	15.5	100	34.9		
N812046		72	1.8	17.3	46	43.8		
N812047		74	1.6	17.1	43	32.5		
N812048		76	1.2	16.0	45	27.0		
N812049		76	1.2	16.6	46	33.1		
N812050		77	2.9	17.1	62	22.4		
N812051		79	1.8	15.6	51	28.1		
N812052		76	2.1	15.0	44	34.7		
N812053		75	1.7	16.9	42	30.4		
N812054		80	2.5	18.4	50	29.9		
N812055		81	1.8	19.3	49	25.3		
N812056		58	5.2	11.8	3030	47.5		
N812057		78	1.7	18.5	47	35.1		
N812058		77	3.7	16.2	51	29.7		
N812059		67	5.2	12.6	485	29.8		
N812060		57	5.2	11.3	4500	20.8		
N812061		1	0.1	0.8	22	0.7		
N812062		79	4.3	16.4	54	38.3		
N812063		76	3.9	17.4	49	60.9		
N812064		76	3.5	18.2	45	26.7		
N812065		73	2.6	16.2	43	26.2		
N812066		77	1.4	16.2	44	26.7		
N812067		68	3.0	15.2	210	23.5		
N812068		77	1.4	18.1	47	28.5		
N812069		71	1.2	15.4	47	25.8		



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**CERTIFICATE OF ANALYSIS WH12176328**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12176329**

Project: Klaza-92

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
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Plus Appendix Pages  
Finalized Date: 16-AUG-2012  
Account: ROCKHA

Project: Klaza-92

**CERTIFICATE OF ANALYSIS WH12176329**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812070		7.28	<0.005	0.20	7.32	15.1	2090	1.27	0.41	2.76	0.30	41.9	7.8	11	14.85	15.9
N812071		2.52	<0.005	0.10	8.08	7.4	1770	1.27	0.39	1.02	0.14	46.2	6.6	10	15.10	21.1
N812072		1.31	<0.005	0.07	8.17	6.7	1770	1.12	0.20	1.05	0.12	43.7	6.5	10	15.00	16.1
N812073		3.52	0.117	1.14	6.93	69.6	1060	1.41	0.61	3.13	8.27	53.6	7.2	8	20.6	21.5
N812074		4.27	0.013	0.31	7.28	32.5	1370	1.44	0.33	2.21	2.64	46.3	6.3	9	20.9	14.6
N812075		5.50	0.015	0.71	7.39	21.1	2020	1.44	1.50	2.49	1.85	53.6	7.9	9	19.80	17.5
N812076		2.25	<0.005	0.02	0.08	<5	20	0.05	0.04	20.2	0.05	1.10	0.6	<1	0.24	2.6
N812077		5.64	<0.005	0.11	7.56	6.0	2300	1.36	0.31	2.76	0.13	39.6	7.2	10	14.70	13.8
N812078		5.75	0.569	12.65	6.87	169.0	1020	1.57	10.40	2.14	2.14	56.3	11.2	9	11.65	671
N812079		0.24	4.25	>100	5.50	8310	380	0.94	69.4	1.97	231	32.4	9.1	17	10.70	1240
N812080		5.79	0.014	0.14	7.26	7.9	2160	1.35	0.34	2.67	0.31	45.3	6.4	10	16.00	20.5
N812081		6.78	0.094	0.90	7.38	186.5	2000	1.36	0.61	2.00	0.59	45.0	6.0	10	15.50	19.8
N812082		2.59	0.132	4.15	6.83	682	1790	1.46	1.52	2.33	11.15	45.3	6.4	8	15.10	188.0
N812083		6.87	<0.005	0.21	7.77	11.6	2280	1.54	0.63	2.55	0.12	52.7	7.1	11	10.55	32.1
N812084		5.16	<0.005	0.12	7.00	7.4	2240	1.45	0.26	2.27	0.12	42.0	6.0	11	11.15	14.2
N812085		8.42	<0.005	0.31	7.12	11.2	2340	1.23	0.64	2.77	0.14	39.5	6.6	9	13.05	42.0
N812086		3.36	<0.005	0.12	7.32	8.2	2680	1.04	0.28	2.06	0.25	56.1	4.4	10	13.05	7.8
N812087		2.67	0.005	0.18	7.76	12.2	1910	1.17	0.27	1.32	1.54	53.8	4.7	9	11.00	9.3
N812088		0.22	2.21	25.3	6.15	3600	1830	1.21	21.2	2.24	79.5	45.0	10.3	19	13.45	442
N812089		7.59	0.006	0.14	6.88	14.1	1780	1.64	0.67	2.45	0.16	58.4	17.5	9	9.04	6.8
N812090		2.86	0.005	0.16	6.88	7.7	1820	1.57	0.30	2.24	0.16	64.9	6.5	9	10.20	7.9
N812091		4.75	<0.005	0.05	6.59	5.1	2150	1.50	0.16	2.75	0.10	36.2	6.8	10	14.20	8.3
N812092		3.63	0.034	1.28	6.89	392	2090	1.54	2.11	2.27	2.94	36.2	7.7	9	10.85	32.2
N812093		5.59	0.014	0.13	7.03	7.2	2130	1.54	0.26	2.14	0.08	39.7	6.4	10	8.14	8.9
N812094		2.46	2.80	8.46	6.11	1520	530	1.46	10.70	1.48	10.90	41.5	11.1	71	11.45	231
N812095		3.97	<0.005	0.15	0.07	<5	20	0.07	0.06	20.0	0.07	1.23	0.6	<1	0.16	3.9
N812096		2.52	0.009	0.69	6.61	22.1	2050	1.50	1.78	2.24	0.21	33.4	7.6	8	11.60	14.6
N812097		7.79	<0.005	0.28	6.91	9.8	2050	1.50	0.36	2.44	1.24	38.4	5.9	11	7.44	15.2
N812098		5.69	<0.005	0.18	6.87	8.9	2390	1.52	0.26	2.51	0.21	36.1	6.1	15	8.38	19.9
N812099		<0.02	<0.005	0.19	6.78	8.1	2370	1.59	0.27	2.49	0.19	35.8	6.0	10	8.46	20.0
N812100		8.25	0.006	0.17	7.19	6.1	2160	1.47	0.38	2.51	0.09	44.6	7.6	11	6.90	24.5
N812101		4.20	<0.005	0.16	7.34	6.7	2370	1.54	0.25	2.62	0.21	41.2	6.3	10	7.76	18.9
N812102		3.83	<0.005	0.17	7.00	7.8	2820	1.39	0.29	2.51	0.21	35.4	6.2	10	7.93	14.8
N812103		8.65	<0.005	0.13	6.89	7.5	2320	1.44	0.23	2.21	0.14	43.3	6.2	9	6.65	12.1
N812104		7.80	0.012	0.20	6.85	12.9	2230	1.43	0.44	2.50	0.20	48.1	4.1	9	7.69	13.9
N812105		5.43	0.006	0.13	7.05	8.4	2190	1.54	0.27	2.65	0.31	40.2	6.3	10	8.60	8.5



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Finalized Date: 16-AUG-2012  
Account: ROCKHA

Project: Klaza-92

**CERTIFICATE OF ANALYSIS WH12176329**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812070		3.09	16.75	0.12	1.0	0.074	2.58	18.6	9.6	0.72	603	1.51	2.08	7.8	3.2	620
N812071		3.04	18.80	0.14	1.1	0.051	2.34	19.9	30.4	0.38	670	2.87	0.08	9.1	3.2	690
N812072		3.16	18.55	0.14	1.1	0.047	2.36	19.2	30.2	0.39	668	2.58	0.08	9.0	2.8	710
N812073		3.80	16.05	0.15	1.0	0.122	2.78	25.9	16.1	1.08	3660	3.56	0.03	7.2	2.9	550
N812074		3.81	16.30	0.15	0.8	0.112	2.67	21.8	22.4	0.84	1340	21.0	0.06	7.6	2.9	610
N812075		3.67	17.00	0.16	1.1	0.123	2.66	26.0	20.9	0.77	1340	3.75	0.22	7.9	2.9	600
N812076		0.47	0.21	0.07	<0.1	0.006	0.03	0.5	1.1	12.00	210	0.11	<0.01	0.2	1.9	180
N812077		3.16	16.85	0.14	1.2	0.046	2.64	16.9	9.2	0.70	595	1.07	2.05	8.1	3.5	670
N812078		4.46	16.25	0.17	1.0	0.495	2.98	28.3	15.6	0.81	1290	2.66	0.05	7.3	3.3	530
N812079		8.26	13.30	0.15	1.0	4.56	2.27	15.1	27.8	0.62	3130	14.65	0.08	5.4	14.2	460
N812080		3.07	16.75	0.13	1.1	0.082	2.71	19.8	15.1	0.63	652	7.96	1.63	8.0	3.0	600
N812081		3.36	16.65	0.15	1.2	0.124	2.86	20.6	12.9	0.57	756	1.31	1.24	7.7	2.9	580
N812082		4.03	15.65	0.14	1.0	0.197	2.80	21.9	18.5	0.76	1260	1.48	0.16	6.6	2.5	550
N812083		3.24	18.05	0.17	1.1	0.084	2.81	23.6	13.8	0.85	626	3.24	2.02	8.2	3.3	620
N812084		3.03	17.05	0.16	1.1	0.051	2.68	19.1	16.7	0.76	487	2.18	2.11	7.7	3.0	630
N812085		3.08	16.85	0.15	1.1	0.084	2.70	17.7	25.1	0.74	658	4.01	1.26	8.1	3.3	610
N812086		2.73	16.10	0.17	1.1	0.070	2.69	25.9	17.0	0.69	600	3.75	1.72	7.8	2.7	580
N812087		3.23	17.00	0.13	1.3	0.096	2.68	25.3	27.1	0.52	910	2.29	0.14	8.2	3.0	640
N812088		6.79	14.60	0.13	1.0	1.590	2.68	22.1	21.9	0.90	1950	13.25	0.04	5.8	15.5	460
N812089		2.99	15.70	0.09	1.3	0.081	2.19	34.3	12.7	0.69	548	6.22	2.03	8.3	2.4	550
N812090		2.88	14.30	0.10	1.1	0.062	2.14	37.2	11.7	0.70	526	105.5	2.09	7.5	3.4	550
N812091		2.77	15.35	0.10	1.2	0.053	2.38	17.3	13.7	0.68	553	2.58	2.07	7.5	3.3	560
N812092		3.52	15.10	0.09	1.2	0.276	2.52	19.5	25.4	0.76	737	6.19	1.09	7.7	3.4	610
N812093		3.32	15.05	0.09	1.3	0.058	2.31	21.4	12.0	0.78	523	14.20	1.93	7.7	3.9	640
N812094		7.56	13.80	0.09	1.1	0.470	2.62	23.9	12.3	0.86	3570	6.90	0.04	5.7	26.3	470
N812095		0.46	0.22	0.06	<0.1	0.009	0.03	0.6	0.9	12.45	197	0.16	0.01	0.2	1.6	190
N812096		3.60	14.50	0.10	1.2	0.248	2.78	16.7	13.8	0.63	912	4.69	0.79	7.9	2.9	590
N812097		3.02	14.50	0.08	1.3	0.075	2.51	18.4	9.5	0.76	669	3.23	1.99	7.6	2.8	570
N812098		2.81	14.75	0.10	1.3	0.071	2.61	19.5	10.6	0.73	733	2.03	2.00	7.4	2.9	550
N812099		2.80	15.00	0.09	1.3	0.073	2.57	17.9	10.7	0.71	724	1.90	1.98	7.6	2.8	560
N812100		2.96	14.25	0.09	1.2	0.086	2.41	25.3	9.9	0.78	626	21.0	2.17	7.3	2.9	570
N812101		3.06	15.65	0.11	1.0	0.062	2.52	22.2	11.9	0.89	749	2.75	2.09	8.0	3.1	630
N812102		3.10	14.40	0.08	1.0	0.063	2.48	19.0	15.4	0.81	692	1.29	2.09	7.3	2.9	600
N812103		2.87	15.05	0.11	1.0	0.072	2.54	22.8	17.6	0.84	591	1.90	2.22	7.5	3.1	590
N812104		2.79	14.45	0.09	1.0	0.108	2.44	27.4	12.1	0.75	698	9.27	1.93	7.1	2.9	560
N812105		2.70	14.90	0.10	1.2	0.119	2.60	21.4	8.7	0.67	598	8.36	2.10	7.6	2.9	570



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Project: Klaza-92

**CERTIFICATE OF ANALYSIS WH12176329**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812070		23.8	92.2	<0.002	0.28	2.03	10.4	1	2.1	360	0.61	<0.05	11.5	0.253	1.11	3.8
N812071		14.6	102.0	<0.002	0.06	15.80	12.5	1	2.4	78.4	0.69	<0.05	15.0	0.281	1.22	3.9
N812072		13.6	96.5	<0.002	0.06	15.20	11.9	<1	2.3	77.0	0.74	<0.05	14.2	0.294	1.15	3.3
N812073		302	153.5	<0.002	0.85	13.70	10.6	<1	4.4	63.7	0.58	0.10	13.5	0.225	3.56	7.8
N812074		76.8	102.5	0.006	0.32	11.40	10.5	1	3.8	96.7	0.55	<0.05	11.7	0.248	2.20	5.1
N812075		77.1	125.0	<0.002	0.86	11.75	11.0	1	3.0	124.5	0.65	0.19	14.4	0.245	1.96	6.4
N812076		1.3	1.5	<0.002	0.02	0.06	0.2	<1	0.5	43.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.3
N812077		17.8	91.1	<0.002	0.12	2.62	10.5	1	2.2	384	0.64	<0.05	10.9	0.274	1.16	4.1
N812078		141.0	184.0	<0.002	2.44	87.8	10.1	1	7.2	87.7	0.63	0.45	16.1	0.215	2.34	7.5
N812079		9590	134.0	<0.002	7.18	221	7.3	1	8.8	126.0	0.39	0.48	9.1	0.176	2.31	5.8
N812080		25.1	97.0	0.002	0.09	4.68	10.0	<1	2.4	311	0.62	<0.05	11.9	0.251	1.36	3.8
N812081		33.2	120.0	<0.002	0.55	6.73	9.9	1	2.7	244	0.63	0.07	13.5	0.242	1.52	4.5
N812082		213	123.0	<0.002	1.69	23.0	9.5	1	3.8	106.5	0.52	0.21	11.3	0.219	2.07	3.8
N812083		19.2	120.5	<0.002	0.21	1.92	11.6	1	4.2	406	0.61	<0.05	13.2	0.260	1.42	4.5
N812084		16.2	92.1	0.002	0.05	2.18	10.4	<1	2.7	418	0.56	<0.05	11.6	0.259	1.09	3.6
N812085		17.0	98.2	<0.002	0.16	6.57	10.4	<1	4.5	185.5	0.62	<0.05	11.5	0.249	1.52	3.6
N812086		17.5	103.5	0.003	0.08	7.93	10.1	1	3.2	260	0.58	<0.05	13.4	0.242	1.16	4.0
N812087		59.2	115.5	<0.002	0.13	11.60	11.3	1	3.2	98.1	0.67	<0.05	15.8	0.256	1.35	3.2
N812088		2830	167.5	<0.002	4.98	92.1	8.0	1	8.0	92.9	0.46	0.36	11.3	0.177	2.48	5.9
N812089		19.7	78.8	0.004	0.48	2.53	10.2	2	2.9	315	0.76	0.32	10.9	0.245	1.00	3.6
N812090		16.0	84.8	0.007	0.08	2.87	9.2	1	3.0	306	0.71	0.07	12.2	0.239	0.86	3.9
N812091		16.2	74.3	<0.002	0.04	1.85	9.5	1	2.0	382	0.56	0.06	9.1	0.254	0.95	2.9
N812092		208	93.7	<0.002	0.95	5.95	9.7	1	3.0	244	0.74	0.58	10.0	0.247	1.35	3.6
N812093		16.7	77.7	<0.002	0.10	3.60	9.8	<1	2.4	340	0.66	0.06	10.5	0.258	1.02	3.3
N812094		303	151.5	<0.002	5.39	52.1	11.4	<1	10.6	50.1	0.52	0.34	8.9	0.224	2.19	3.7
N812095		2.1	1.4	<0.002	0.02	0.09	0.2	1	0.4	43.5	<0.05	<0.05	<0.2	<0.005	0.03	0.9
N812096		41.7	103.5	0.003	1.40	6.04	9.6	1	2.9	191.5	0.76	0.27	9.7	0.243	1.61	4.3
N812097		40.1	78.1	<0.002	0.22	2.45	9.1	1	2.3	355	0.70	0.06	10.8	0.239	1.04	3.5
N812098		24.4	80.9	<0.002	0.15	2.20	9.1	1	2.4	374	0.68	<0.05	11.1	0.237	1.16	3.6
N812099		24.1	80.3	<0.002	0.14	2.08	9.1	1	2.5	369	0.68	<0.05	10.4	0.239	1.19	3.4
N812100		19.4	80.6	0.002	0.18	2.18	9.3	<1	2.5	372	0.67	0.09	12.2	0.256	0.94	3.6
N812101		35.1	82.5	<0.002	0.10	2.62	10.4	<1	2.0	407	0.64	<0.05	11.0	0.276	1.08	3.4
N812102		37.9	79.9	<0.002	0.33	2.41	9.5	1	2.2	386	0.59	0.06	9.7	0.248	1.10	2.9
N812103		21.5	86.0	<0.002	0.13	2.47	9.6	1	2.1	384	0.60	<0.05	8.8	0.247	0.96	3.0
N812104		23.4	83.1	0.002	0.22	2.94	9.0	1	2.2	338	0.63	<0.05	11.2	0.233	1.17	3.4
N812105		26.2	97.4	<0.002	0.15	2.63	9.3	1	2.1	378	0.67	<0.05	11.6	0.244	1.09	3.7





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 Finalized Date: 16-AUG-2012  
 Account: ROCKHA

Project: Klaza-92

**CERTIFICATE OF ANALYSIS WH12176329**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812070		72	1.2	14.5	52	21.8		
N812071		78	12.5	15.6	41	27.0		
N812072		80	11.8	14.3	42	25.1		
N812073		69	8.4	14.7	717	21.9		
N812074		71	5.7	14.2	258	19.4		
N812075		71	3.6	16.1	191	24.5		
N812076		2	0.1	0.7	11	<0.5		
N812077		78	1.1	14.5	43	24.3		
N812078		62	3.0	12.5	198	22.1		
N812079		53	4.6	9.2	>10000	30.8	123	1.695
N812080		72	1.4	14.2	59	24.1		
N812081		68	2.1	13.7	76	25.3		
N812082		64	2.0	12.3	1300	21.8		
N812083		74	1.0	16.6	42	26.4		
N812084		75	0.9	14.1	39	24.8		
N812085		69	4.8	14.6	57	26.4		
N812086		68	1.8	15.1	47	26.7		
N812087		74	4.6	16.4	166	27.8		
N812088		58	5.1	9.3	5300	24.6		
N812089		69	2.0	15.9	45	28.4		
N812090		67	1.1	15.2	43	26.5		
N812091		69	0.9	14.3	39	28.0		
N812092		70	2.2	13.0	294	25.6		
N812093		72	2.8	13.1	42	26.2		
N812094		76	6.3	9.5	967	25.6		
N812095		3	0.1	0.8	14	<0.5		
N812096		67	2.2	13.6	53	24.1		
N812097		66	3.4	13.5	161	27.3		
N812098		66	4.0	13.7	52	28.0		
N812099		65	4.1	13.5	50	27.1		
N812100		68	1.2	14.3	51	23.7		
N812101		72	1.3	15.2	63	22.0		
N812102		68	1.3	13.4	52	20.7		
N812103		67	1.2	13.9	46	22.4		
N812104		63	1.5	13.0	57	23.3		
N812105		65	2.3	14.5	53	27.3		



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Project: Klaza-92

Page: Appendix 1  
Total # Appendix Pages: 1  
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**CERTIFICATE OF ANALYSIS WH12176329**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Finalized Date: 2-AUG-2012  
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7-AUG-2012  
Account: ROCKHA

**CERTIFICATE WH12177505**

Project: Klaza-77

P.O. No.: Batch 3

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

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158894\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 2 (A)  
 Finalized Date: 2-AUG-2012  
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Project: Klaza-77

**CERTIFICATE OF ANALYSIS WH12177505**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M897459		0.005
M897460		0.007
M897461		<0.005
M897462		<0.005
M897463		0.067
M897464		0.265
M897465		<0.005
M897466		<0.005
M897467		2.24
M897468		<0.005
M897469		<0.005
M897470		<0.005
M897471		<0.005
M897472		<0.005
M897473		<0.005
M897474		<0.005
M897475		0.781
M897476		0.010
M897477		0.007
M897478		0.074
M897479		0.450
M897480		<0.005
M897481		0.010
M897482		0.022
M897483		0.016
M897484		0.249
M897485		0.014
M897486		0.193
M897487		0.015
M897488		0.089
M897489		0.035
M897490		<0.005
M897491		0.056
M897492		0.199
M897493		0.520
M897494		0.990

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158894\*\*



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Page: 1  
Finalized Date: 5-AUG-2012  
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9-AUG-2012  
Account: ROCKHA

**CERTIFICATE WH12177506**

Project: Klaza TR-12-2

P.O. No.: Batch 3

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

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
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Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12177506**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
M895106		1.22	8.39	26.5	2790	1.72	1.20	0.56	1.56	61.5	7.1	9	17.75	48.1	3.52
M895107		3.94	7.89	81.0	2080	1.85	6.50	0.30	1.69	71.4	9.8	8	28.0	206	4.20
M895108		0.63	8.96	12.2	2270	1.50	0.96	0.42	0.94	63.3	5.9	11	13.35	30.8	3.10
M895109		0.53	8.87	18.4	3280	1.50	1.09	0.27	1.41	72.1	9.9	7	15.80	52.9	3.74
M895110		0.44	9.20	11.4	2410	1.43	0.90	0.30	0.67	63.5	7.9	8	13.30	44.3	3.07
M895111		0.59	8.85	15.4	2290	1.45	1.49	0.36	1.49	67.9	7.6	10	14.20	81.4	3.50
M895112		0.62	7.96	17.4	2240	1.72	1.31	1.08	1.01	57.4	9.3	11	11.95	67.4	3.46
M895113		0.68	9.08	18.9	2610	1.24	1.24	0.38	0.91	66.4	12.4	9	12.30	66.0	3.22
M895114		0.42	8.84	13.0	2760	1.33	0.67	0.27	1.24	68.4	9.6	10	13.05	39.9	3.97
M895115		0.51	9.18	9.8	2430	1.40	0.74	0.38	0.57	56.0	5.6	9	13.25	34.2	2.90
M895116		0.22	8.22	10.2	2540	1.49	0.91	1.17	0.44	59.0	8.4	12	6.67	26.4	3.31
M895117		0.55	8.55	15.7	3100	1.70	3.42	0.61	0.35	66.2	14.0	9	9.71	49.4	3.63
M895118		0.35	8.52	10.3	2620	1.74	1.06	1.38	0.29	59.3	9.4	13	8.52	20.6	3.41
M895119		29.5	6.30	3690	790	1.29	20.3	2.33	85.6	47.1	11.1	17	15.30	462	6.98
M895120		0.83	8.54	19.5	2150	1.67	2.77	0.50	0.54	56.6	7.7	10	14.35	63.6	3.54
M895121		1.14	8.19	83.2	2640	2.07	1.67	0.27	5.39	68.0	10.8	9	29.7	52.2	4.25
M895122		2.17	8.75	139.5	1680	1.56	5.26	0.12	0.67	47.7	5.4	10	15.65	33.0	5.33
M895123		4.62	9.35	317	1370	1.62	11.75	0.11	0.93	77.8	4.4	9	14.90	54.1	8.15
M895124		3.63	7.73	181.5	1040	1.34	8.03	0.12	0.85	52.7	5.4	10	13.30	35.5	7.70
M895125		0.70	8.57	19.1	1940	1.39	3.59	0.19	0.68	51.8	20.6	8	11.75	58.6	4.28
M895126		0.07	0.08	<5	20	0.09	0.05	21.9	0.07	1.31	0.7	<1	0.19	1.9	0.48
M895127		0.49	9.17	20.2	3090	1.56	3.98	0.26	0.33	70.9	18.4	9	9.96	18.5	5.01
M895128		0.52	8.24	22.9	1810	1.43	1.84	0.28	0.28	62.4	7.9	8	20.6	33.2	3.44
M895129		0.69	8.58	41.4	4050	1.66	3.52	0.25	0.38	64.0	10.8	7	15.20	31.8	4.65
M895130		1.49	8.22	110.5	2860	1.96	2.57	0.20	0.66	61.3	13.2	10	22.3	26.4	4.20
M895131		0.51	6.78	18.6	2040	1.47	1.93	0.26	0.37	41.1	7.3	9	9.49	38.1	3.43
M895132		0.32	8.41	13.1	2900	1.61	1.78	0.34	0.32	58.0	5.1	11	10.90	16.5	3.57
M895133		0.43	8.71	14.7	2780	1.33	2.83	0.29	0.28	62.6	9.2	8	11.25	40.1	3.66
M895134		0.34	8.76	17.1	2230	1.48	2.17	0.28	1.04	59.7	8.1	11	12.30	34.9	3.78
M895135		4.82	8.05	639	1170	1.63	2.70	0.23	3.13	60.8	6.4	10	18.55	329	4.08
M895136		2.44	9.06	333	3060	1.64	4.71	0.28	2.81	66.0	9.2	12	16.20	40.3	4.44
M895137		0.65	8.09	88.5	2380	1.59	2.29	0.92	1.02	52.2	9.8	16	8.16	24.4	3.55
M895138		0.58	8.38	99.4	2170	1.72	1.22	0.61	1.52	56.1	7.3	13	11.15	17.4	3.66
M895139		0.38	8.25	19.3	2460	1.48	0.92	0.78	1.04	55.7	5.6	11	15.15	19.8	3.65
M895140		0.29	7.71	10.3	2090	1.35	0.75	0.57	0.25	51.5	7.2	11	12.40	18.4	3.37
M895141		0.35	7.54	11.0	2420	1.49	1.04	0.60	0.26	39.7	7.5	11	11.20	19.6	3.61

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

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



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

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12177506**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
M895106		0.19	1.3	0.174	2.99	31.2	23.3	0.58	943	1.07	1.06	9.2	4.1	700	56.1	142.0
M895107		0.23	1.4	0.398	3.08	41.3	21.0	0.25	1040	2.79	0.39	8.4	3.9	730	116.0	163.0
M895108		0.15	1.3	0.097	3.04	28.3	25.5	0.31	489	1.07	0.77	9.0	3.5	720	41.1	132.5
M895109		0.18	1.3	0.108	2.92	36.9	31.4	0.15	885	2.20	0.29	9.2	4.0	770	27.4	147.0
M895110		0.17	1.4	0.101	3.02	31.6	24.1	0.17	836	1.12	0.46	9.5	3.7	740	25.6	134.5
M895111		0.15	1.5	0.157	2.87	34.5	28.0	0.19	967	1.24	0.37	9.4	4.1	750	40.6	123.5
M895112		0.19	1.2	0.150	2.74	30.0	16.3	0.51	688	1.19	1.89	9.0	4.9	670	41.4	120.5
M895113		0.20	1.3	0.109	3.29	31.5	19.8	0.29	488	1.14	0.73	9.1	4.1	720	27.6	148.5
M895114		0.21	1.3	0.073	2.92	39.6	34.7	0.15	882	1.69	0.13	8.8	6.2	690	22.9	137.0
M895115		0.19	1.3	0.082	3.03	24.8	24.9	0.28	397	0.94	0.71	8.9	3.8	720	23.0	125.5
M895116		0.14	1.3	0.095	2.83	29.9	15.6	0.72	543	7.70	1.94	9.0	4.4	670	22.1	123.0
M895117		0.16	1.3	0.150	3.06	33.1	18.9	0.90	612	1.05	1.62	8.6	4.3	690	26.4	144.5
M895118		0.17	1.3	0.111	2.92	31.7	15.1	0.77	639	1.65	2.02	8.7	4.9	680	24.4	135.5
M895119		0.18	1.0	1.790	2.79	25.5	24.5	0.96	2030	13.70	0.04	6.0	15.7	470	3030	178.0
M895120		0.19	1.4	0.211	2.68	33.1	24.1	0.53	658	1.31	1.51	8.7	3.8	630	23.2	141.0
M895121		0.20	1.5	0.330	3.60	42.6	11.0	0.34	5930	3.90	0.05	8.8	4.8	650	85.7	240
M895122		0.21	1.2	0.626	3.97	30.5	8.4	0.30	696	3.32	0.05	8.3	2.2	490	44.4	254
M895123		0.29	1.4	0.747	4.35	55.7	15.7	0.33	801	2.53	0.08	8.1	3.5	680	188.5	276
M895124		0.24	1.2	0.452	3.40	34.8	19.3	0.26	1030	2.08	0.08	6.6	3.4	680	143.0	220
M895125		0.16	1.2	0.310	2.78	26.1	22.2	0.24	1460	0.93	0.57	6.7	3.3	580	24.7	127.0
M895126		0.07	<0.1	0.005	0.03	0.7	1.0	13.40	223	0.16	0.01	0.2	1.8	200	1.4	1.6
M895127		0.19	1.2	0.272	2.93	38.3	22.0	0.21	812	1.07	0.70	6.8	3.7	760	18.7	132.5
M895128		0.15	1.1	0.248	2.47	34.4	29.5	0.18	748	1.12	0.09	7.1	3.6	690	18.3	121.0
M895129		0.21	1.1	0.289	2.60	37.5	27.6	0.19	977	1.20	0.13	7.1	3.5	750	25.4	129.0
M895130		0.18	1.1	0.496	3.40	38.1	14.7	0.25	2320	1.67	0.06	6.9	4.1	620	64.0	196.0
M895131		0.18	1.1	0.196	2.83	16.4	19.1	0.25	594	1.13	0.92	8.5	3.8	700	21.4	111.0
M895132		0.15	1.2	0.348	2.55	29.5	19.3	0.43	725	1.20	1.37	8.5	3.6	830	17.7	133.5
M895133		0.18	1.2	0.249	2.69	31.5	19.3	0.34	559	0.99	1.02	8.3	3.1	690	17.9	133.0
M895134		0.17	1.2	0.235	2.94	31.5	28.9	0.18	906	1.46	0.20	9.1	4.3	760	18.2	146.5
M895135		0.21	0.9	0.395	3.32	45.9	26.0	0.31	672	1.21	0.05	6.6	3.2	650	146.5	251
M895136		0.20	1.2	0.187	3.38	37.8	24.9	0.21	965	1.33	0.16	9.1	4.1	750	48.2	181.5
M895137		0.10	1.0	0.141	2.60	29.0	16.7	0.58	699	0.85	1.49	7.8	6.1	690	42.7	122.5
M895138		0.11	1.0	0.141	2.62	28.0	15.0	0.42	769	0.84	1.27	7.9	4.4	670	29.0	127.0
M895139		0.11	0.9	0.153	2.64	27.2	17.3	0.84	670	0.64	1.17	7.6	4.3	680	23.2	120.5
M895140		0.14	0.9	0.107	2.50	26.7	15.7	0.90	597	0.88	1.25	7.3	3.0	630	28.0	112.0
M895141		0.12	1.0	0.114	2.55	21.7	18.2	0.69	664	1.01	1.18	7.3	3.6	640	20.9	94.8

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

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



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Finalized Date: 5-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12177506**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
M895106		0.002	0.05	10.50	12.4	1	2.1	163.5	0.72	0.07	16.5	0.268	1.65	3.0	75	4.2
M895107		<0.002	0.16	31.5	11.1	1	3.2	63.7	0.63	0.39	14.6	0.249	2.34	5.0	69	2.6
M895108		0.003	0.01	6.11	12.9	1	1.9	114.5	0.76	<0.05	17.0	0.289	1.45	2.5	81	2.6
M895109		<0.002	0.07	24.3	13.0	1	2.0	79.4	0.75	0.06	16.8	0.293	1.49	3.8	83	3.1
M895110		0.002	0.01	7.97	12.9	1	2.0	85.4	0.79	0.05	17.8	0.296	1.48	3.1	77	3.8
M895111		<0.002	0.03	16.50	13.1	1	1.9	91.1	0.81	0.11	17.8	0.303	1.48	3.4	81	6.1
M895112		<0.002	0.06	5.47	11.8	1	1.9	271	0.70	0.08	14.3	0.275	1.42	3.0	76	1.5
M895113		<0.002	0.03	7.61	13.0	1	2.2	114.0	0.72	0.14	17.5	0.301	1.56	3.3	82	2.6
M895114		0.002	0.08	21.2	13.1	1	2.0	69.8	0.73	<0.05	17.4	0.282	1.46	4.2	80	3.2
M895115		<0.002	0.02	4.18	11.3	1	2.0	110.5	0.72	0.08	16.8	0.289	1.36	2.6	77	2.6
M895116		<0.002	0.11	3.52	11.9	1	2.0	298	0.72	0.06	15.7	0.272	1.32	2.9	75	2.0
M895117		<0.002	0.09	2.45	12.9	1	2.0	201	0.73	0.16	16.9	0.271	1.67	3.2	79	2.3
M895118		<0.002	0.05	2.82	12.1	1	1.8	308	0.81	0.09	15.9	0.269	1.49	3.3	78	2.2
M895119		0.002	5.14	93.9	8.4	2	8.3	90.9	0.46	0.40	10.5	0.190	2.51	5.2	60	5.4
M895120		0.002	0.10	5.32	12.5	2	2.5	134.0	0.81	0.49	18.1	0.252	1.66	3.8	71	2.8
M895121		0.002	0.15	9.82	12.2	2	2.7	33.9	0.89	0.30	17.5	0.244	3.61	4.6	69	5.4
M895122		<0.002	0.29	9.86	13.1	2	4.1	18.5	0.69	0.78	14.6	0.259	4.26	4.4	71	5.5
M895123		<0.002	0.09	19.00	13.4	2	10.4	19.7	0.75	1.76	15.8	0.243	3.99	5.4	71	8.7
M895124		<0.002	0.10	19.60	10.7	1	8.2	21.4	0.60	1.51	13.6	0.220	2.89	4.8	62	7.7
M895125		<0.002	0.03	7.82	12.5	1	2.0	74.8	0.58	0.44	18.6	0.234	1.83	4.1	74	4.8
M895126		<0.002	0.01	0.10	0.2	<1	0.2	40.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
M895127		<0.002	0.02	11.10	12.6	1	2.2	128.5	0.57	1.59	18.1	0.222	1.98	4.2	79	2.7
M895128		0.002	0.04	15.60	12.6	1	2.1	53.7	0.59	0.25	16.5	0.231	1.48	3.5	72	3.7
M895129		<0.002	0.11	17.30	11.9	1	2.1	56.1	0.59	0.87	17.0	0.237	1.84	3.9	74	3.1
M895130		<0.002	0.08	14.30	12.3	1	2.6	39.9	0.57	0.81	15.3	0.222	3.54	3.4	70	3.2
M895131		<0.002	0.02	9.00	10.7	1	2.1	86.5	0.62	0.27	10.8	0.264	1.63	3.3	79	2.0
M895132		<0.002	0.10	6.91	12.1	1	2.2	125.5	0.65	0.21	14.9	0.272	1.88	3.4	82	2.5
M895133		0.002	0.07	6.63	12.5	1	2.1	104.5	0.67	0.33	16.9	0.274	1.73	3.4	77	2.7
M895134		<0.002	0.05	20.5	12.9	2	2.1	66.8	0.70	0.33	15.8	0.283	2.05	3.8	82	3.3
M895135		<0.002	0.13	84.5	12.1	1	2.6	18.4	0.55	0.56	14.5	0.228	3.10	3.6	74	3.1
M895136		<0.002	0.05	12.35	13.3	2	2.4	70.3	0.67	0.29	16.3	0.296	2.24	3.9	84	2.9
M895137		0.002	0.11	7.60	11.2	<1	2.0	248	0.65	0.40	13.1	0.280	1.40	3.0	78	2.2
M895138		0.002	0.04	4.96	12.3	1	2.1	192.0	0.64	0.20	14.4	0.262	1.42	2.8	76	2.5
M895139		<0.002	0.05	3.29	12.2	<1	2.0	206	0.63	0.17	14.4	0.262	1.39	2.4	77	3.4
M895140		<0.002	0.04	2.46	11.1	1	1.8	166.0	0.59	0.07	12.8	0.254	1.30	2.4	75	2.7
M895141		<0.002	0.04	3.58	11.4	1	2.0	169.5	0.63	0.15	11.5	0.258	1.28	2.4	77	4.0

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





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 Finalized Date: 5-AUG-2012  
 Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12177506**

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

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

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**CERTIFICATE OF ANALYSIS WH12177506**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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

**CERTIFICATE WH12178649**

Project: Klaza-77

P.O. No.: Batch 4

This report is for 28 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158895\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-77

**CERTIFICATE OF ANALYSIS WH12178649**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M897495		0.045
M897496		0.029
M897497		0.025
M897498		0.005
M897499		0.005
M897500		0.008
M897501		0.005
M897502		0.210
M897503		4.45
M897504		7.43
M897505		<0.005
M897506		0.217
M897507		0.370
M897508		<0.005
M897509		0.130
M897510		0.040
M897511		0.075
M897512		0.025
M897513		0.005
M897514		0.005
M897515		0.005
M897516		0.032
M897517		0.110
M897518		0.782
M897519		0.015
M897520		0.009
M897521		0.014
M897522		0.025

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12158895\*\*



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Account: ROCKHA

**CERTIFICATE WH12179913**

Project: Klaza TR-12-38

P.O. No.: Batch 1

This report is for 17 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza TR-12-38

**CERTIFICATE OF ANALYSIS WH12179913**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N815511		5.44	0.008	0.13	7.97	44.8	980	1.69	0.64	2.15	0.35	69.8	11.0	29	5.47	13.5
N815512		5.92	<0.005	0.11	7.77	49.3	840	1.55	0.72	2.24	0.38	65.7	11.4	30	5.61	13.5
N815513		6.05	0.011	0.12	7.63	56.1	820	1.52	3.45	2.00	0.35	73.7	11.2	34	5.66	15.7
N815514		0.23	0.259	>100	5.50	251	590	0.71	5.07	1.41	25.2	18.65	11.3	62	0.85	6020
N815515		3.95	<0.005	0.12	8.63	24.3	980	1.52	0.44	3.51	0.24	48.7	14.4	29	4.75	11.5
N815516		4.69	<0.005	0.13	7.95	58.9	870	1.59	0.77	2.18	0.28	65.6	11.6	32	5.45	14.8
N815517		6.61	0.007	1.27	7.81	88.7	1870	1.92	0.50	0.25	0.95	50.3	13.8	30	24.6	52.2
N815518		6.82	<0.005	0.59	8.04	38.9	840	1.94	0.33	0.45	0.79	54.6	9.4	13	14.40	67.4
N815519		6.04	<0.005	0.48	8.20	26.6	1070	1.86	0.24	0.97	0.62	48.5	10.5	12	11.70	112.5
N815520		6.74	<0.005	0.40	7.68	22.1	970	2.04	0.61	0.87	0.53	52.8	9.1	10	9.21	109.5
N815521		5.92	<0.005	0.56	7.81	23.6	1050	1.98	0.69	0.90	0.53	46.8	11.7	10	10.85	171.0
N815522		2.41	<0.005	0.01	0.13	<5	40	0.10	0.03	20.3	0.07	1.61	1.6	1	0.39	3.2
N815523		6.51	<0.005	0.38	8.06	18.9	1030	1.34	0.44	1.21	0.31	55.8	9.6	11	7.22	184.5
N815524		5.57	<0.005	0.53	8.49	26.6	1070	1.72	1.49	0.65	0.46	52.9	12.0	10	12.45	131.0
N815525		5.74	<0.005	0.46	7.98	18.6	1020	1.58	0.96	1.01	0.34	39.3	9.2	10	9.40	117.0
N815526		6.33	<0.005	0.44	8.16	25.2	820	1.66	0.58	0.35	0.43	55.1	6.1	15	14.00	94.4
N815527		5.47	<0.005	0.26	7.27	20.3	1140	1.63	0.34	0.80	0.31	21.4	9.9	11	7.27	58.3



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 Account: ROCKHA

Project: Klaza TR-12-38

**CERTIFICATE OF ANALYSIS WH12179913**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N815511		3.76	17.70	0.12	2.4	0.061	1.68	33.1	22.5	0.83	957	2.16	1.78	11.1	10.6	750
N815512		3.95	17.90	0.16	2.0	0.069	1.60	31.3	22.6	0.88	1040	2.04	1.58	10.3	10.6	750
N815513		3.82	16.90	0.16	2.1	0.062	1.58	37.9	24.2	0.83	957	2.03	1.56	10.5	11.8	770
N815514		5.78	11.70	0.15	1.3	0.442	1.10	9.2	12.6	1.08	1700	21.7	1.57	3.2	26.5	450
N815515		4.39	17.85	0.11	1.8	0.061	1.32	22.4	18.7	1.40	1180	1.35	2.03	8.9	9.3	800
N815516		3.90	17.35	0.14	1.9	0.060	1.60	31.0	23.6	0.89	952	2.20	1.67	10.3	11.2	800
N815517		3.78	18.20	0.16	1.1	0.057	2.97	24.7	26.3	0.28	4240	11.10	0.06	8.2	10.1	550
N815518		3.50	17.80	0.13	0.9	0.031	2.63	26.8	34.6	0.20	838	6.18	0.81	9.4	6.8	570
N815519		3.55	17.00	0.14	0.8	0.035	2.37	23.4	18.6	0.32	640	3.93	1.58	9.1	6.1	590
N815520		3.09	16.55	0.15	1.0	0.030	2.48	27.1	25.5	0.30	606	3.97	1.77	10.0	5.5	520
N815521		3.55	17.50	0.16	0.9	0.048	2.30	21.2	18.8	0.37	669	4.32	1.99	9.8	6.0	590
N815522		0.49	0.46	<0.05	<0.1	0.005	0.05	0.8	1.1	12.05	227	0.18	0.01	0.4	0.6	180
N815523		3.40	15.75	0.08	0.9	0.035	2.27	28.4	18.1	0.45	504	4.21	1.95	8.7	5.6	590
N815524		4.22	16.95	0.12	1.2	0.047	2.36	26.5	53.2	0.32	637	6.06	1.09	8.5	5.2	880
N815525		3.49	16.35	0.08	1.0	0.040	2.24	22.1	22.7	0.37	488	3.62	1.67	8.9	5.1	630
N815526		3.26	16.80	0.12	0.9	0.039	2.33	29.3	26.9	0.19	401	3.59	1.32	9.6	5.0	620
N815527		3.56	16.55	0.14	0.8	0.032	2.28	10.5	19.4	0.33	388	3.08	1.96	8.3	6.2	640



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 Account: ROCKHA

Project: Klaza TR-12-38

**CERTIFICATE OF ANALYSIS WH12179913**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815511		26.8	85.0	<0.002	0.03	7.08	12.7	2	1.6	342	0.77	0.16	11.0	0.429	0.89	2.4
N815512		24.7	78.3	<0.002	0.02	7.83	13.5	2	1.6	334	0.69	0.11	9.6	0.440	0.93	2.2
N815513		25.5	79.9	<0.002	0.02	8.24	13.1	2	1.6	312	0.74	0.18	10.3	0.455	0.87	2.3
N815514		9610	26.5	0.009	2.32	438	11.2	3	2.0	189.0	0.20	1.44	2.1	0.237	0.44	1.2
N815515		26.9	45.6	<0.002	0.04	3.93	15.9	1	1.5	463	0.57	0.09	6.9	0.442	0.71	1.7
N815516		22.7	76.5	<0.002	0.03	7.01	13.7	1	1.5	345	0.69	0.12	8.9	0.445	0.84	2.0
N815517		26.5	180.5	<0.002	0.02	32.9	15.5	1	1.9	113.5	0.55	<0.05	12.0	0.336	2.31	3.3
N815518		25.1	141.0	<0.002	<0.01	17.95	12.3	1	1.5	117.0	0.82	0.06	17.1	0.283	1.38	2.6
N815519		26.1	108.5	<0.002	<0.01	8.21	12.0	1	1.4	219	0.80	0.07	14.4	0.286	0.91	2.0
N815520		16.7	122.0	<0.002	<0.01	4.79	10.8	2	1.4	216	0.93	0.10	15.5	0.244	0.87	2.1
N815521		16.5	110.5	<0.002	<0.01	5.43	12.1	1	1.6	261	0.89	0.05	14.7	0.273	0.92	2.0
N815522		1.3	2.5	<0.002	0.01	0.19	0.4	<1	<0.2	38.0	<0.05	0.08	0.2	<0.005	0.02	0.6
N815523		18.5	102.0	<0.002	<0.01	3.96	11.2	1	1.3	272	0.85	<0.05	15.6	0.274	0.81	2.1
N815524		22.8	121.5	<0.002	0.01	7.61	14.6	1	1.3	181.0	0.76	0.05	13.5	0.372	1.33	3.3
N815525		30.2	88.5	<0.002	<0.01	9.01	11.3	1	1.3	223	0.93	<0.05	13.6	0.291	0.88	2.3
N815526		18.0	118.5	<0.002	<0.01	15.30	12.2	1	1.7	144.5	0.88	<0.05	15.9	0.297	1.05	2.6
N815527		22.0	67.9	<0.002	<0.01	5.69	9.4	1	1.4	264	0.76	<0.05	7.6	0.287	0.81	1.9





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**CERTIFICATE OF ANALYSIS WH12179913**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815511		106	2.4	18.2	80	98.4	
N815512		119	2.5	18.1	82	82.6	
N815513		113	2.5	19.1	79	83.4	
N815514		79	0.5	12.7	4900	50.7	98
N815515		137	1.6	17.7	92	75.3	
N815516		116	2.8	19.1	77	75.4	
N815517		111	5.5	14.9	118	36.9	
N815518		90	3.6	14.7	122	24.4	
N815519		89	4.8	14.6	83	20.5	
N815520		76	5.6	15.5	65	27.9	
N815521		85	10.1	14.5	78	25.3	
N815522		2	0.1	0.9	14	0.7	
N815523		86	8.1	17.1	74	20.6	
N815524		133	5.9	17.6	96	32.2	
N815525		96	3.3	14.6	86	24.2	
N815526		90	3.2	18.2	77	22.2	
N815527		93	2.1	10.0	75	17.5	



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**CERTIFICATE OF ANALYSIS WH12179913**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12179914**

Project: Klaza TR-12-37

P.O. No.: Batch 7

This report is for 7 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12179914**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815504		7.93	0.005	0.53	8.03	73.7	1550	1.83	0.17	0.37	1.10	49.1	9.6	12	13.65	19.6
N815505		4.34	<0.005	0.30	8.04	13.8	1200	1.75	0.27	0.43	0.56	44.9	9.9	12	9.63	33.0
N815506		3.19	<0.005	0.97	7.81	29.7	1340	1.56	0.96	0.24	1.58	44.3	11.5	11	13.55	31.9
N815507		2.07	<0.005	0.01	0.06	<5	20	0.05	0.01	21.2	0.06	0.96	1.6	<1	0.15	1.6
N815508		5.71	<0.005	0.53	7.79	27.3	1240	1.57	0.48	0.42	0.60	46.0	8.8	10	14.25	26.1
N815509		0.24	1.375	30.1	7.71	530	1220	2.06	1.13	0.30	27.3	67.6	5.6	18	3.14	129.5
N815510		6.84	<0.005	0.44	7.89	25.7	1570	1.72	0.64	0.42	0.39	52.4	9.7	10	14.00	24.1



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Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179914**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815504		3.50	17.75	0.12	1.0	0.035	2.85	28.5	18.2	0.27	1860	5.57	0.85	9.1	7.0	560
N815505		3.43	16.60	0.12	0.8	0.032	2.54	25.7	16.8	0.27	1520	2.50	1.49	8.8	5.9	550
N815506		3.58	17.35	0.12	0.8	0.061	3.08	26.8	12.4	0.27	2910	3.56	0.61	8.7	5.6	520
N815507		0.49	0.30	0.10	<0.1	<0.005	0.02	0.5	0.6	12.60	226	0.27	<0.01	0.4	<0.2	180
N815508		3.29	16.90	0.11	0.9	0.040	2.73	26.2	19.1	0.26	1910	3.56	0.89	8.4	5.2	500
N815509		5.74	22.2	0.22	2.2	0.220	3.47	33.9	22.6	0.29	1040	5.81	0.07	11.7	6.9	1760
N815510		3.36	17.55	0.16	0.8	0.049	2.80	29.7	25.3	0.29	1600	2.65	0.86	8.8	6.2	530



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Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179914**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815504		41.8	139.5	<0.002	0.04	12.85	12.3	2	1.3	128.5	0.76	<0.05	13.6	0.287	1.55	2.3
N815505		34.3	128.5	<0.002	0.04	12.55	12.5	2	1.3	172.0	0.80	<0.05	12.1	0.293	1.38	2.4
N815506		66.1	186.0	<0.002	0.10	24.4	11.7	2	1.3	139.5	0.88	0.15	12.3	0.263	2.19	3.1
N815507		1.2	1.2	<0.002	0.01	0.09	0.2	1	<0.2	39.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N815508		26.8	147.0	<0.002	0.05	14.85	11.0	1	1.3	105.0	0.78	<0.05	14.2	0.272	1.80	2.3
N815509		3910	160.0	0.003	0.60	65.5	14.8	5	20.7	393	0.73	0.30	6.9	0.440	1.73	3.4
N815510		28.5	145.5	<0.002	0.04	12.60	12.2	2	1.2	145.0	0.72	<0.05	14.1	0.289	1.79	2.0



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**CERTIFICATE OF ANALYSIS WH12179914**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815504		90	1.6	14.4	146	24.5
N815505		96	1.9	14.5	124	16.1
N815506		94	2.2	16.0	171	16.1
N815507		2	0.1	0.7	14	<0.5
N815508		88	1.6	14.2	113	18.3
N815509		146	3.5	17.5	2460	64.3
N815510		93	2.5	14.3	99	18.4



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**CERTIFICATE OF ANALYSIS WH12179914**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12179915**

Project: Klaza TR-12-37

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12179915**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815432		5.74	0.006	0.46	9.01	39.4	1400	1.51	1.02	1.06	0.39	53.8	16.6	17	16.55	26.5
N815433		5.41	<0.005	0.39	8.94	25.1	1440	1.80	0.82	0.32	0.89	58.0	18.7	12	11.15	21.9
N815434		5.49	<0.005	0.20	8.18	24.1	1300	1.38	0.56	0.49	0.42	57.1	8.8	10	13.75	16.0
N815435		5.24	<0.005	0.31	7.78	31.8	910	1.62	0.45	0.36	0.55	56.8	6.1	9	12.75	16.9
N815436		4.87	<0.005	0.15	7.27	24.7	640	1.34	0.48	0.33	0.27	48.6	2.9	6	8.11	11.1
N815437		4.10	<0.005	0.16	7.68	24.4	1470	1.43	0.57	0.43	0.31	51.0	3.9	9	8.90	14.7
N815438		5.19	<0.005	0.21	7.84	30.6	2360	1.44	1.63	0.40	0.35	50.2	4.8	12	12.25	16.7
N815439		4.73	<0.005	0.18	6.92	18.3	2260	1.49	0.36	0.35	0.28	47.8	2.2	7	10.35	11.1
N815440		6.08	0.014	1.04	6.97	71.4	1850	1.88	0.71	0.22	1.46	46.6	4.6	13	23.4	39.9
N815441		4.91	<0.005	0.22	7.58	33.3	1570	1.68	0.42	0.51	1.24	63.0	6.6	23	16.95	25.5
N815442		3.73	<0.005	0.48	7.90	46.6	1010	1.52	0.66	0.84	0.96	34.9	7.0	13	16.25	33.2
N815443		4.67	<0.005	0.41	7.75	52.3	1070	1.46	0.91	0.69	1.00	41.0	6.0	14	14.15	35.0
N815444		4.54	<0.005	0.26	7.26	35.2	1020	1.61	0.81	1.11	0.97	39.6	5.8	13	12.05	24.3
N815445		5.43	<0.005	11.65	7.70	102.0	1190	1.49	0.28	0.37	4.09	50.0	10.9	10	23.8	35.4
N815446		5.07	<0.005	0.50	7.70	12.7	1060	1.39	0.21	0.97	1.05	46.2	5.7	16	15.35	26.4
N815447		3.49	0.013	0.77	8.08	26.3	1610	1.28	0.57	0.28	1.54	51.1	7.0	13	26.5	141.5
N815448		4.16	<0.005	0.28	7.98	41.5	700	1.48	0.29	0.24	2.07	58.1	7.2	15	22.0	51.0
N815449		4.20	<0.005	0.02	0.13	<5	30	0.06	0.02	20.4	0.07	1.52	1.3	1	0.29	2.4
N815450		4.37	<0.005	0.34	8.06	24.6	400	1.45	0.53	0.33	1.71	52.1	8.0	12	26.3	43.1
N815451		5.38	0.005	0.83	7.76	55.9	1150	1.33	3.36	0.22	1.84	57.3	9.0	17	17.10	118.5
N815452		5.41	<0.005	0.25	8.44	17.8	1190	1.51	1.14	0.34	1.20	45.1	6.9	13	17.90	36.6
N815453		6.34	<0.005	0.27	8.23	16.6	1070	1.66	0.35	0.33	1.24	54.2	6.9	14	20.4	31.4
N815454		3.90	<0.005	0.29	7.85	29.8	850	1.63	0.37	0.47	1.24	55.6	6.9	13	16.65	36.0
N815455		6.65	<0.005	0.37	7.73	42.4	870	1.42	0.54	0.68	0.91	54.4	7.6	17	13.50	53.7
N815456		5.48	<0.005	0.32	7.92	49.6	1290	1.46	0.84	0.43	0.70	45.4	7.0	18	17.15	43.2
N815457		4.95	<0.005	0.34	7.50	53.9	1330	1.39	0.56	0.41	0.77	51.4	7.2	22	18.25	56.3
N815458		4.35	<0.005	0.29	7.84	54.2	1160	1.49	0.71	0.48	0.84	59.2	9.0	22	20.2	62.6
N815459		5.96	0.332	8.67	7.17	794	1530	1.68	0.58	0.46	4.74	59.6	7.7	20	16.05	46.0
N815460		4.39	0.040	0.85	8.00	186.5	1480	1.52	1.21	0.34	1.70	56.8	7.1	16	16.00	44.2
N815461		4.57	0.013	0.55	8.14	126.5	860	1.44	1.03	0.33	1.70	53.9	8.6	17	19.60	52.0
N815462		6.47	<0.005	0.54	8.22	46.0	2000	1.46	1.45	1.96	0.53	46.7	10.3	22	9.27	30.6
N815463		0.23	0.274	>100	5.73	210	620	0.71	5.58	1.47	27.3	20.1	12.3	67	0.99	6070
N815464		7.62	<0.005	0.49	7.61	33.2	1690	1.43	2.06	0.67	0.79	52.9	8.3	18	14.95	66.6
N815465		6.44	<0.005	1.44	7.83	45.6	2130	1.53	3.52	0.52	0.82	54.1	8.9	17	19.55	75.8
N815466		4.99	<0.005	0.24	8.19	15.7	990	1.49	0.33	0.39	0.61	49.3	7.2	19	17.10	33.0
N815467		5.01	<0.005	0.52	7.75	37.2	1190	1.72	0.95	0.46	0.96	54.7	10.1	19	23.1	49.6



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Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179915**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815432		5.03	19.90	0.16	1.5	0.106	1.88	28.6	25.7	1.05	1360	3.64	0.96	5.2	7.9	640
N815433		3.94	19.75	0.17	1.8	0.064	1.75	30.2	35.4	0.35	3100	5.18	0.16	3.8	9.4	660
N815434		2.83	17.30	0.17	1.7	0.044	2.15	30.7	36.0	0.32	981	2.42	0.25	7.5	7.1	880
N815435		2.17	17.90	0.16	1.7	0.058	2.12	32.2	43.1	0.27	1020	2.89	0.18	8.2	6.6	580
N815436		1.67	15.40	0.16	1.4	0.058	2.36	28.5	31.9	0.26	368	1.30	0.17	6.5	4.6	460
N815437		1.77	16.40	0.14	1.5	0.074	2.46	28.8	35.4	0.34	920	1.77	0.27	6.7	5.7	500
N815438		2.27	16.35	0.17	1.7	0.073	2.81	29.1	21.5	0.34	637	1.99	0.22	7.1	5.5	670
N815439		1.32	15.75	0.16	1.3	0.050	2.57	27.3	24.8	0.26	349	1.12	0.20	8.4	3.3	520
N815440		1.77	15.55	0.16	1.2	0.042	2.25	26.8	32.3	0.22	796	3.44	0.06	7.0	7.2	530
N815441		2.74	17.90	0.20	3.0	0.043	2.00	34.8	47.7	0.29	561	2.92	0.25	10.1	10.0	1020
N815442		3.21	17.65	0.19	1.0	0.040	2.46	19.1	17.1	0.44	343	2.04	0.98	10.0	6.5	610
N815443		3.04	17.30	0.18	1.1	0.037	2.28	21.7	25.1	0.33	309	1.69	1.01	10.1	5.4	580
N815444		2.74	15.65	0.18	1.0	0.029	2.20	21.1	14.1	0.32	310	1.53	1.40	9.1	5.1	510
N815445		3.95	17.20	0.22	0.9	0.041	2.38	33.6	17.3	0.29	4350	6.93	0.62	9.5	6.5	520
N815446		2.97	16.85	0.18	0.8	0.028	2.34	24.4	12.4	0.30	252	2.09	1.63	8.6	6.0	520
N815447		2.92	17.80	0.21	0.8	0.051	2.55	30.1	23.1	0.28	512	16.65	0.46	9.2	5.5	540
N815448		3.10	17.65	0.20	0.8	0.029	1.91	35.6	44.1	0.19	302	7.30	0.07	9.5	6.6	550
N815449		0.47	0.43	0.16	<0.1	<0.005	0.04	0.8	1.1	12.45	195	0.42	0.01	0.4	1.9	200
N815450		2.86	17.80	0.28	0.9	0.042	1.64	31.5	37.5	0.22	269	6.59	0.04	9.1	6.7	560
N815451		3.17	16.65	0.20	0.9	0.059	1.54	33.9	58.4	0.17	312	17.30	0.03	8.7	6.8	580
N815452		3.15	17.50	0.20	0.8	0.045	2.20	24.7	20.1	0.28	187	3.82	0.62	8.7	6.0	620
N815453		3.28	17.95	0.21	0.9	0.066	2.27	28.0	25.6	0.26	199	5.17	0.49	9.3	6.2	590
N815454		3.21	17.40	0.20	1.0	0.038	2.20	29.6	24.6	0.30	220	4.18	0.67	8.9	6.9	570
N815455		2.86	16.65	0.21	1.2	0.045	2.06	30.4	27.8	0.29	264	4.02	0.93	9.0	8.1	580
N815456		3.30	16.90	0.21	0.9	0.046	2.23	23.8	23.2	0.23	198	5.43	0.86	8.7	6.5	620
N815457		3.36	15.65	0.22	1.0	0.044	1.70	28.1	44.2	0.21	228	16.45	0.34	8.5	6.8	600
N815458		3.76	16.95	0.23	1.5	0.052	1.78	31.5	40.5	0.26	338	8.51	0.38	9.1	8.3	620
N815459		4.11	16.90	0.24	2.2	0.145	2.24	35.2	38.2	0.27	1030	7.40	0.22	8.9	7.8	840
N815460		3.39	17.30	0.21	1.1	0.053	2.34	32.8	42.6	0.23	331	6.07	0.12	9.3	6.2	670
N815461		3.29	17.60	0.21	0.9	0.048	2.49	31.0	37.4	0.21	310	5.12	0.07	9.8	6.4	660
N815462		3.65	18.00	0.22	2.0	0.063	1.77	24.8	27.2	0.84	769	2.13	1.29	8.5	8.8	710
N815463		5.96	12.80	0.23	1.6	0.469	1.15	10.3	13.5	1.15	1760	23.2	1.65	3.7	29.0	470
N815464		3.22	16.40	0.20	1.1	0.055	2.07	27.4	23.3	0.31	374	5.06	1.06	9.1	7.0	650
N815465		3.24	17.05	0.21	1.2	0.086	2.16	29.4	43.4	0.27	392	9.20	0.52	9.5	6.9	660
N815466		3.17	17.30	0.20	0.9	0.034	1.95	26.6	48.3	0.23	237	6.20	0.61	8.9	5.2	590
N815467		3.14	18.25	0.23	2.7	0.047	2.43	32.2	36.3	0.28	441	6.94	0.23	9.8	8.1	930



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Finalized Date: 22-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179915**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815432		117.0	107.5	<0.002	0.22	7.34	21.3	1	1.5	201	0.40	0.74	9.3	0.337	1.88	2.7
N815433		48.9	94.2	<0.002	0.06	37.1	15.3	1	1.3	85.4	0.31	0.55	10.8	0.222	1.41	3.1
N815434		39.2	112.5	<0.002	0.04	17.25	9.4	1	1.2	113.0	0.59	0.19	11.8	0.246	1.50	3.3
N815435		50.5	115.5	0.003	0.04	11.10	7.6	1	1.4	87.1	0.66	0.14	10.3	0.175	1.54	2.8
N815436		38.6	114.5	0.002	0.04	7.75	3.8	1	1.0	84.2	0.57	0.12	9.2	0.093	1.49	2.3
N815437		30.6	125.0	<0.002	0.06	6.27	5.2	1	1.0	105.5	0.50	0.09	10.9	0.111	1.46	2.4
N815438		34.3	151.5	<0.002	0.09	7.50	7.2	1	1.0	123.5	0.53	0.14	11.0	0.176	1.92	2.9
N815439		40.9	136.5	<0.002	0.06	8.51	3.9	1	1.1	97.6	0.62	0.06	10.3	0.091	1.77	2.5
N815440		144.0	138.0	<0.002	0.04	36.2	6.5	1	1.1	115.5	0.56	0.06	12.1	0.148	1.77	2.4
N815441		49.3	99.4	<0.002	0.04	16.05	8.9	1	1.3	183.5	0.67	0.07	12.4	0.302	1.24	3.4
N815442		53.1	117.5	<0.002	0.01	8.25	10.7	1	1.7	179.5	0.94	0.13	14.4	0.285	1.28	2.3
N815443		89.8	114.0	<0.002	0.01	10.75	12.0	1	2.0	173.5	0.94	0.14	17.0	0.283	1.11	2.3
N815444		42.8	106.0	<0.002	0.01	6.54	10.5	1	1.4	217	0.90	0.31	14.0	0.245	0.91	2.2
N815445		715	130.0	<0.002	0.01	28.1	13.1	2	1.4	129.5	0.91	0.05	17.9	0.267	1.52	3.2
N815446		44.9	116.0	<0.002	0.01	5.09	11.8	1	1.7	223	0.76	0.05	15.8	0.275	1.02	2.0
N815447		37.2	129.0	<0.002	0.02	15.85	13.3	2	1.9	100.5	0.79	0.07	17.6	0.280	1.29	2.1
N815448		20.8	114.0	<0.002	0.01	15.90	14.4	2	1.8	57.5	0.84	0.05	17.1	0.271	1.30	3.1
N815449		2.0	1.8	<0.002	0.02	0.16	0.3	1	<0.2	50.8	<0.05	<0.05	0.2	0.005	<0.02	0.7
N815450		17.2	99.0	<0.002	0.01	15.80	14.3	2	1.7	52.6	0.83	0.05	16.3	0.280	1.08	2.9
N815451		25.2	101.5	<0.002	0.04	53.9	14.7	2	2.2	102.0	0.74	0.35	14.7	0.281	1.24	2.8
N815452		24.9	107.0	<0.002	0.01	9.78	13.6	2	1.9	111.0	0.74	0.40	16.8	0.298	1.04	2.3
N815453		68.7	109.0	<0.002	<0.01	10.15	15.8	2	1.6	113.0	0.78	0.07	15.3	0.306	1.07	2.7
N815454		35.0	116.5	<0.002	0.01	11.05	14.6	2	1.4	122.0	0.77	0.06	14.1	0.283	1.22	2.8
N815455		46.1	110.0	<0.002	0.01	13.60	12.0	2	1.5	161.5	0.79	0.09	15.1	0.272	1.16	2.8
N815456		42.9	108.0	<0.002	0.01	7.81	12.2	1	2.7	154.5	0.73	0.09	14.0	0.286	1.02	2.5
N815457		31.0	86.6	<0.002	0.02	15.85	11.7	1	1.5	108.0	0.69	0.08	13.4	0.293	0.91	2.5
N815458		39.1	94.5	<0.002	0.02	15.35	12.8	2	1.5	114.0	0.70	0.09	13.7	0.308	1.05	3.0
N815459		1880	135.0	<0.002	0.06	35.3	11.3	2	1.6	131.5	0.68	0.08	12.0	0.286	1.74	3.9
N815460		179.0	138.0	<0.002	0.03	21.2	12.9	2	2.6	79.2	0.74	0.08	15.5	0.300	1.71	3.0
N815461		86.4	130.5	<0.002	0.02	19.35	13.2	2	2.3	57.9	0.79	0.07	14.8	0.309	1.63	3.0
N815462		47.4	90.0	<0.002	0.07	14.15	13.8	2	1.5	315	0.63	0.10	10.9	0.345	1.00	2.7
N815463		>10000	31.2	0.009	2.34	461	13.6	3	2.1	202	0.23	1.22	2.2	0.246	0.53	1.5
N815464		65.1	113.0	<0.002	0.03	10.90	12.2	1	1.6	174.5	0.76	0.09	13.1	0.306	1.20	2.7
N815465		88.1	119.5	<0.002	0.04	17.30	13.0	2	1.6	169.5	0.78	0.22	14.0	0.316	1.41	3.3
N815466		23.8	95.7	<0.002	0.01	8.60	13.2	1	1.5	132.5	0.72	<0.05	15.6	0.289	0.98	3.1
N815467		88.2	128.5	<0.002	0.03	13.35	11.5	2	1.4	333	0.70	0.06	11.6	0.325	1.51	4.8



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Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179915**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815432		148	2.3	21.4	153	56.9		
N815433		106	3.5	17.8	118	68.2		
N815434		80	3.4	14.8	88	57.0		
N815435		54	2.1	16.0	79	53.8		
N815436		24	1.2	10.3	63	36.7		
N815437		31	1.7	11.4	68	40.0		
N815438		54	1.6	14.7	82	51.4		
N815439		19	1.1	11.7	71	35.1		
N815440		42	3.5	12.7	255	29.6		
N815441		68	3.0	15.7	187	106.0		
N815442		90	3.1	10.6	198	25.3		
N815443		86	6.5	12.3	193	23.9		
N815444		77	2.2	12.1	177	21.6		
N815445		84	2.5	25.8	546	19.8		
N815446		85	2.0	14.2	203	17.2		
N815447		90	5.4	19.6	195	18.4		
N815448		89	4.0	20.0	204	17.7		
N815449		4	0.1	1.0	17	0.8		
N815450		91	4.3	18.7	143	18.9		
N815451		88	5.3	18.4	160	19.0		
N815452		98	2.4	15.8	114	16.6		
N815453		101	2.7	18.1	112	17.6		
N815454		91	3.1	17.9	109	26.1		
N815455		84	5.5	14.8	95	33.6		
N815456		90	3.8	12.6	81	20.6		
N815457		89	8.9	14.7	78	24.2		
N815458		94	9.1	17.7	88	45.6		
N815459		82	4.4	19.3	490	78.8		
N815460		95	7.1	16.0	310	27.6		
N815461		97	7.1	15.3	243	20.8		
N815462		110	3.2	16.7	122	64.3		
N815463		81	0.9	15.6	5210	52.8	105	1.050
N815464		94	10.9	13.5	135	26.2		
N815465		97	6.7	15.6	138	31.1		
N815466		93	2.7	15.7	121	16.4		
N815467		87	3.2	19.3	152	96.9		



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Project: Klaza TR-12-37

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Finalized Date: 22-AUG-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12179915**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12179916**

Project: Klaza TR-12-37

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 21-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179916**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815468		4.95	<0.005	0.59	8.32	27.0	1560	1.70	9.29	0.35	0.81	46.2	7.5	14	26.3	50.2
N815469		4.72	<0.005	0.30	8.49	12.9	1110	1.69	0.32	0.96	0.56	40.2	8.4	16	25.0	59.9
N815470		7.46	<0.005	0.34	8.08	26.6	1170	1.65	3.10	0.28	0.84	48.9	10.6	13	16.55	48.6
N815471		3.54	<0.005	0.18	7.89	13.1	540	1.65	0.71	0.29	0.56	45.9	10.1	13	13.90	38.3
N815472		4.01	<0.005	0.20	7.82	16.9	640	1.67	0.67	0.29	0.59	43.4	9.3	13	14.30	27.7
N815473		4.91	<0.005	0.17	7.94	23.1	1560	1.44	1.01	0.24	0.69	48.5	11.7	13	13.85	13.0
N815474		5.14	<0.005	0.21	8.07	19.0	1160	1.62	0.52	0.39	0.54	46.2	9.0	15	15.20	17.4
N815475		4.27	<0.005	0.27	8.06	48.1	610	1.83	0.20	0.27	0.91	50.7	7.7	12	17.10	31.6
N815476		4.34	<0.005	0.19	8.19	10.2	860	1.74	3.25	0.60	0.34	51.5	9.2	14	18.40	19.2
N815477		5.19	<0.005	0.08	8.12	12.3	1070	1.77	0.25	0.91	0.29	49.8	10.0	13	11.80	10.8
N815478		3.72	<0.005	0.11	8.06	18.0	940	1.62	0.23	0.66	0.45	48.5	6.5	13	20.4	18.5
N815479		8.50	<0.005	0.09	7.98	11.6	1020	1.78	0.21	0.40	0.38	46.3	7.2	13	13.80	13.3
N815480		5.22	<0.005	0.06	7.77	4.4	1280	1.11	0.09	0.40	0.12	33.1	10.2	10	8.24	7.8
N815481		6.27	<0.005	0.11	7.87	6.9	1420	1.60	0.34	0.31	0.21	56.5	6.8	11	9.92	17.9
N815482		6.14	<0.005	0.08	7.57	10.2	900	1.52	0.18	0.40	0.20	49.8	7.4	15	9.20	19.0
N815483		4.56	<0.005	0.12	8.43	18.2	850	1.83	0.16	0.61	0.20	76.7	8.4	32	24.5	22.0
N815484		4.68	<0.005	0.11	8.58	23.8	2280	1.98	0.22	0.58	0.25	75.4	8.5	37	15.65	26.4
N815485		4.99	<0.005	0.10	8.16	12.6	1300	1.64	0.22	0.56	0.25	66.0	9.6	24	12.45	17.0
N815486		4.67	<0.005	0.19	7.23	11.7	1440	1.17	0.33	0.21	0.21	57.3	6.6	10	10.20	21.5
N815487		3.34	<0.005	0.11	8.01	9.6	1210	1.41	0.19	0.37	0.28	46.5	9.0	12	13.35	11.0
N815488		3.91	<0.005	0.10	7.82	10.6	1820	1.49	0.19	0.35	0.28	48.9	9.3	11	15.75	8.8
N815489		4.43	<0.005	0.10	7.76	9.7	860	1.42	0.18	0.23	0.21	50.4	9.4	10	16.65	8.3
N815490		5.77	<0.005	2.95	7.93	8.2	1120	1.51	0.16	0.29	0.15	41.6	8.7	11	16.85	14.6
N815491		3.69	0.007	0.21	7.70	20.6	820	1.36	0.19	1.08	0.32	32.5	7.3	10	25.6	5.5
N815492		4.29	<0.005	0.10	7.94	10.0	1270	1.22	0.31	0.25	0.28	46.4	8.7	13	12.30	13.3
N815493		4.06	<0.005	0.26	7.99	12.8	1020	1.45	0.96	0.23	0.32	45.3	9.6	11	13.05	19.9
N815494		7.01	<0.005	0.14	7.79	16.4	900	1.44	0.39	0.25	0.30	50.3	8.2	12	12.50	15.0
N815495		0.23	1.300	32.1	7.88	541	1240	1.80	1.29	0.30	31.0	75.0	5.7	18	3.23	130.5
N815496		6.59	0.005	0.85	8.12	29.4	1700	1.48	6.33	0.28	0.52	44.0	9.8	12	13.05	27.6
N815497		3.32	<0.005	0.26	7.64	34.9	2110	1.77	0.30	0.26	0.36	44.5	8.7	10	16.50	8.8
N815498		5.54	<0.005	0.37	8.09	31.7	1540	1.77	0.87	0.34	0.43	51.0	8.9	10	15.25	15.6
N815499		4.00	0.010	1.11	7.87	185.5	1200	1.64	0.65	0.96	3.51	40.3	9.7	11	28.7	13.3
N815500		1.65	<0.005	0.05	0.10	<5	30	0.05	0.04	20.6	0.07	1.26	0.6	<1	0.26	1.7
N815501		4.65	<0.005	0.29	8.18	36.1	1290	2.07	0.30	0.46	0.73	75.5	6.6	16	30.7	13.1
N815502		4.84	<0.005	0.19	8.01	11.1	1000	2.19	0.11	0.43	0.29	81.9	5.0	10	28.6	7.7
N815503		4.03	<0.005	0.28	7.77	11.8	1150	1.88	0.24	0.44	0.39	76.3	6.1	27	27.1	16.3





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Plus Appendix Pages  
Finalized Date: 21-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179916**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815468		3.45	18.75	0.16	0.8	0.059	2.32	23.9	37.9	0.21	335	8.55	0.12	9.2	5.8	600
N815469		3.39	18.80	0.17	0.8	0.037	2.15	18.7	25.2	0.35	307	5.05	1.08	10.3	6.2	630
N815470		3.59	17.55	0.21	0.7	0.071	2.67	26.9	44.0	0.24	548	8.53	0.18	9.5	6.6	590
N815471		3.29	17.45	0.20	0.7	0.052	3.01	25.0	31.5	0.30	445	7.59	0.07	9.0	6.0	580
N815472		3.13	17.35	0.23	0.8	0.042	3.11	23.5	27.6	0.31	512	6.66	0.09	9.0	6.2	580
N815473		3.35	18.25	0.21	0.8	0.065	2.95	26.1	64.6	0.29	1420	10.80	0.06	9.4	6.0	580
N815474		3.25	17.60	0.23	0.9	0.042	2.43	24.1	30.9	0.29	602	4.85	1.00	10.4	7.1	590
N815475		3.85	17.95	0.23	0.8	0.035	2.20	27.5	76.5	0.18	516	8.77	0.08	9.1	8.4	610
N815476		3.18	18.35	0.23	0.8	0.035	2.16	27.3	42.0	0.32	411	3.01	1.25	9.9	6.2	620
N815477		3.32	18.25	0.23	0.8	0.030	2.22	23.1	23.9	0.61	479	2.04	1.92	9.3	6.5	610
N815478		3.22	17.45	0.23	0.7	0.032	1.96	22.6	105.5	0.19	256	3.35	1.39	9.5	6.6	610
N815479		2.96	17.55	0.23	0.8	0.023	2.41	24.1	43.9	0.31	438	3.45	1.56	8.9	6.3	540
N815480		3.12	16.75	0.14	0.8	0.028	2.15	11.6	24.4	0.77	418	0.81	1.19	8.4	5.7	510
N815481		2.86	17.10	0.17	0.9	0.035	2.27	29.0	24.0	0.26	466	3.38	1.78	8.2	5.4	500
N815482		2.97	16.55	0.18	0.9	0.028	1.99	25.5	21.9	0.27	266	3.29	2.11	8.2	6.0	590
N815483		3.63	21.1	0.22	4.1	0.046	1.75	44.4	111.5	0.27	263	3.74	0.60	11.2	12.7	1570
N815484		3.98	22.9	0.21	4.4	0.051	1.97	40.6	105.5	0.25	259	5.12	0.23	12.1	15.0	1750
N815485		3.59	19.55	0.20	2.6	0.046	1.97	36.4	49.3	0.30	523	2.83	1.79	9.6	11.0	1120
N815486		2.58	15.85	0.17	1.0	0.027	2.81	34.3	15.3	0.24	515	4.11	0.60	7.8	4.8	410
N815487		3.23	18.90	0.16	0.8	0.035	3.54	25.2	12.0	0.31	1460	4.11	0.14	7.5	5.5	520
N815488		3.16	18.85	0.16	0.7	0.033	3.12	25.5	12.2	0.27	1360	3.95	0.67	8.3	5.5	470
N815489		3.18	17.45	0.17	0.8	0.031	3.10	27.0	15.3	0.27	1300	4.18	0.32	8.2	5.0	500
N815490		3.12	17.25	0.15	0.7	0.030	2.99	22.6	19.2	0.25	1040	2.67	0.29	7.3	5.2	510
N815491		3.08	17.75	0.17	0.7	0.039	3.22	16.3	17.1	0.29	2170	2.80	0.38	7.5	4.9	530
N815492		3.31	17.55	0.18	0.8	0.041	2.84	24.4	41.8	0.28	1280	3.97	0.83	7.2	6.3	530
N815493		3.04	18.05	0.17	0.9	0.047	3.08	23.7	17.4	0.25	1720	3.20	0.39	8.2	5.8	530
N815494		3.19	15.65	0.15	0.8	0.037	2.52	26.8	23.2	0.22	793	3.21	0.55	8.4	5.5	510
N815495		5.68	23.5	0.21	2.3	0.234	3.50	36.9	23.4	0.29	1070	5.66	0.06	12.1	6.8	1780
N815496		3.55	17.55	0.20	0.8	0.053	3.04	25.0	26.7	0.28	2070	5.06	0.10	8.3	6.1	530
N815497		3.36	16.40	0.16	0.8	0.040	3.19	24.2	18.6	0.27	2030	4.40	0.02	7.8	5.4	460
N815498		3.35	18.35	0.17	0.8	0.052	3.35	28.3	17.5	0.28	2120	4.11	0.06	8.0	5.1	520
N815499		3.53	16.95	0.17	0.8	0.037	3.36	20.1	14.5	0.30	3390	4.61	0.08	8.0	5.0	530
N815500		0.47	0.22	0.17	<0.1	0.011	0.04	0.7	1.0	12.15	227	0.12	<0.01	0.1	1.5	230
N815501		2.71	19.40	0.26	2.6	0.038	2.92	41.2	65.0	0.29	1120	3.14	0.06	10.8	7.6	940
N815502		2.56	20.3	0.25	2.6	0.030	2.70	44.1	82.8	0.24	779	2.65	0.07	11.4	4.8	1050
N815503		2.45	21.1	0.21	3.5	0.033	2.66	42.0	95.0	0.25	889	2.67	0.05	11.4	12.6	950



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Finalized Date: 21-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179916**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815468		54.8	131.5	<0.002	0.03	13.55	14.5	1	3.7	94.2	0.68	0.57	13.8	0.290	1.79	3.5
N815469		27.2	100.0	<0.002	0.01	7.06	14.4	1	1.4	235	0.77	0.05	12.7	0.308	1.00	3.1
N815470		22.4	150.0	<0.002	0.03	13.85	14.5	1	1.5	117.0	0.74	0.06	12.4	0.305	2.08	3.3
N815471		9.1	178.0	<0.002	0.01	15.80	14.5	1	1.6	71.3	0.67	<0.05	11.5	0.304	2.15	2.6
N815472		11.0	183.0	<0.002	0.01	14.25	13.6	1	1.4	104.5	0.70	<0.05	11.9	0.296	2.22	2.7
N815473		14.5	184.5	<0.002	0.03	8.92	14.8	1	1.6	111.5	0.73	<0.05	12.2	0.312	2.56	3.0
N815474		30.3	134.5	<0.002	0.02	8.51	14.2	1	1.5	150.0	0.98	<0.05	13.6	0.301	1.78	2.9
N815475		25.9	110.0	<0.002	0.01	15.00	14.6	1	1.3	70.2	0.72	<0.05	13.7	0.287	1.36	2.9
N815476		21.9	114.0	<0.002	0.01	5.29	14.3	1	1.8	176.5	0.78	0.06	15.0	0.307	1.31	2.1
N815477		14.5	115.5	<0.002	0.01	2.97	13.6	1	1.3	253	0.72	<0.05	13.7	0.290	1.08	1.9
N815478		25.5	84.3	<0.002	<0.01	4.76	13.9	1	1.3	216	0.72	<0.05	12.5	0.299	0.92	2.1
N815479		14.0	134.5	<0.002	0.01	3.87	12.5	1	1.3	162.5	0.78	<0.05	14.2	0.253	1.28	2.1
N815480		12.5	78.8	<0.002	0.01	1.61	9.1	<1	1.4	171.5	0.82	<0.05	12.8	0.257	0.67	1.7
N815481		14.7	128.5	0.002	0.03	3.53	10.4	1	1.3	153.0	0.86	<0.05	15.5	0.251	1.11	2.4
N815482		12.4	98.4	<0.002	0.01	3.37	10.4	1	1.5	215	0.72	<0.05	13.6	0.278	0.94	2.4
N815483		15.0	77.6	<0.002	0.01	15.30	10.1	<1	1.4	158.5	0.77	<0.05	11.2	0.441	0.72	3.8
N815484		18.2	83.9	<0.002	0.05	12.15	9.8	2	1.5	164.0	0.71	<0.05	10.2	0.479	0.81	4.1
N815485		13.6	102.5	0.002	0.02	4.93	11.0	1	1.3	239	0.74	<0.05	12.2	0.367	0.98	2.8
N815486		12.7	161.0	0.003	0.03	7.50	8.9	1	1.1	75.4	0.79	<0.05	18.1	0.213	1.61	2.2
N815487		13.1	210	<0.002	0.03	8.35	11.3	1	1.5	51.3	0.67	<0.05	15.2	0.273	2.08	2.1
N815488		8.7	189.5	0.003	0.04	10.25	11.5	1	1.3	85.6	0.69	<0.05	15.8	0.266	1.87	2.0
N815489		10.2	175.0	<0.002	0.02	12.15	11.4	<1	1.2	72.2	0.74	<0.05	17.0	0.280	2.03	2.0
N815490		10.8	163.5	0.002	0.02	10.65	10.8	<1	1.2	82.0	0.65	<0.05	16.0	0.275	1.83	1.7
N815491		21.4	179.5	<0.002	0.15	7.45	11.1	1	1.2	99.0	0.64	<0.05	13.0	0.286	1.87	2.0
N815492		11.9	181.5	0.003	0.02	4.16	11.8	<1	1.5	69.9	0.64	<0.05	14.6	0.279	1.75	2.6
N815493		14.4	174.5	<0.002	0.02	12.80	12.0	1	1.8	67.0	0.70	<0.05	14.3	0.289	1.94	2.7
N815494		12.7	130.0	<0.002	0.03	12.45	11.2	1	1.4	103.5	0.75	<0.05	15.7	0.286	1.53	2.3
N815495		4000	179.0	0.006	0.62	64.9	15.0	4	20.5	386	0.78	0.33	8.1	0.458	2.09	4.1
N815496		22.2	185.5	0.002	0.05	15.15	11.7	1	1.7	100.5	0.74	0.05	15.5	0.291	2.39	2.8
N815497		19.0	171.5	<0.002	0.06	14.15	11.4	<1	1.3	85.0	0.69	<0.05	15.6	0.267	2.42	2.5
N815498		16.9	195.0	<0.002	0.06	14.90	11.8	1	1.4	71.8	0.72	<0.05	16.3	0.277	2.58	2.9
N815499		59.6	186.0	0.003	0.16	20.3	11.5	1	1.4	87.1	0.74	<0.05	13.4	0.287	2.50	3.1
N815500		1.5	1.9	<0.002	0.01	0.18	0.2	<1	0.2	39.1	<0.05	<0.05	0.2	<0.005	0.03	0.7
N815501		34.3	150.0	<0.002	0.03	9.42	7.4	1	1.6	137.5	0.82	<0.05	14.6	0.297	1.97	4.0
N815502		21.8	125.5	<0.002	0.01	7.06	6.1	1	1.6	130.5	0.78	<0.05	13.4	0.292	1.60	4.0
N815503		21.5	132.5	<0.002	0.01	5.91	6.5	1	1.7	210	0.80	<0.05	13.6	0.284	1.61	4.0



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 Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179916**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815468		97	6.7	16.3	200	16.8
N815469		103	4.6	13.6	141	16.1
N815470		98	5.6	16.6	159	16.1
N815471		99	3.5	14.2	88	15.2
N815472		95	3.8	13.5	84	17.2
N815473		98	2.9	14.9	111	16.4
N815474		96	3.0	14.2	96	18.3
N815475		97	3.5	18.4	131	16.6
N815476		94	2.9	16.5	93	18.2
N815477		96	1.7	12.9	75	16.2
N815478		96	1.3	13.8	72	14.8
N815479		85	2.5	13.7	61	18.3
N815480		79	3.7	9.1	50	20.5
N815481		79	4.2	12.4	58	20.7
N815482		88	6.4	11.2	58	24.2
N815483		96	4.3	17.7	76	163.0
N815484		100	1.9	17.6	91	193.0
N815485		96	1.7	14.9	78	100.0
N815486		69	1.8	12.8	47	26.1
N815487		90	1.8	12.3	58	18.3
N815488		91	1.5	13.1	57	18.1
N815489		89	1.3	13.7	57	18.2
N815490		90	28.5	12.6	52	15.2
N815491		91	1.7	11.6	60	15.8
N815492		96	2.3	10.6	74	16.5
N815493		93	2.1	10.8	62	19.4
N815494		85	1.2	10.5	58	18.5
N815495		147	3.7	19.9	2470	67.4
N815496		91	2.0	13.8	90	19.4
N815497		86	1.0	14.1	70	17.8
N815498		92	1.5	14.9	87	18.7
N815499		94	1.8	12.6	302	19.3
N815500		1	0.1	0.8	13	<0.5
N815501		61	1.8	14.1	124	90.3
N815502		47	1.5	14.3	83	87.1
N815503		54	1.5	13.3	102	139.5



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**CERTIFICATE OF ANALYSIS WH12179916**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12179917**

Project: Klaza TR-12-37

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12179917**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N815324		3.89	<0.005	0.25	8.28	22.2	1610	1.45	0.65	0.64	0.32	40.0	13.5	9	12.60	20.0
N815325		3.78	<0.005	0.15	8.51	9.2	1020	1.14	0.36	2.59	0.21	28.1	15.0	9	8.17	11.3
N815326		3.14	<0.005	0.13	8.57	6.4	800	0.96	0.23	2.95	0.29	23.0	15.4	4	9.98	13.3
N815327		3.72	<0.005	0.13	8.74	7.2	890	1.05	0.17	3.44	0.21	20.9	15.8	4	10.90	11.6
N815328		3.23	0.320	2.34	8.66	1180	840	1.26	0.46	0.57	0.67	32.4	12.8	6	21.6	31.4
N815329		3.73	<0.005	0.21	8.25	12.8	550	0.88	0.51	2.48	0.13	19.25	16.1	4	16.05	31.3
N815330		3.48	<0.005	0.17	8.13	16.6	1120	1.04	0.68	3.55	0.13	17.80	14.5	8	10.25	20.9
N815331		3.22	<0.005	0.30	8.33	42.9	700	1.09	2.05	1.78	0.20	22.7	16.3	11	13.20	23.7
N815332		3.76	<0.005	0.36	7.88	13.1	840	1.06	0.43	1.66	0.21	28.5	13.6	26	7.07	13.3
N815333		4.83	<0.005	0.18	8.77	5.0	650	1.02	0.14	3.24	0.46	20.7	13.9	6	8.53	11.9
N815334		4.29	<0.005	0.21	8.78	5.2	510	1.14	0.23	2.13	0.65	27.8	15.0	11	19.70	58.0
N815335		4.20	<0.005	0.18	8.22	4.9	750	1.02	0.12	2.96	0.30	26.2	14.3	10	9.24	40.8
N815336		4.21	<0.005	0.17	8.44	4.1	690	1.01	0.13	3.22	0.28	25.2	15.1	11	5.49	35.9
N815337		4.56	<0.005	0.16	8.39	4.8	930	1.15	0.21	3.35	0.34	29.9	16.4	37	8.17	36.5
N815338		3.71	0.082	0.42	7.00	144.0	830	1.28	0.31	1.57	0.46	30.2	18.1	56	17.65	23.9
N815339		2.04	<0.005	0.01	0.09	<5	20	0.05	0.02	21.6	0.05	1.10	1.4	2	0.16	2.1
N815340		3.57	0.007	0.24	6.60	32.1	660	1.14	0.22	3.29	0.31	19.15	14.7	50	13.70	12.8
N815341		3.66	<0.005	0.13	9.34	11.5	330	1.68	0.19	0.39	0.20	35.4	16.8	73	10.45	15.5
N815342		3.74	<0.005	0.29	9.27	7.5	570	1.49	0.19	1.28	0.53	36.6	18.3	67	17.95	73.5
N815343		4.84	<0.005	0.51	9.25	10.7	750	1.33	0.65	1.87	1.03	36.6	15.4	23	19.55	72.7
N815344		2.78	<0.005	0.72	8.36	27.0	570	1.33	1.26	2.11	0.85	31.2	13.5	17	18.65	124.5
N815345		4.74	<0.005	0.30	8.86	6.3	610	1.32	0.24	3.38	0.26	27.1	16.2	17	7.53	34.4
N815346		4.01	<0.005	0.15	9.05	10.1	1190	1.24	0.25	1.97	0.17	34.9	15.1	22	15.80	18.7
N815347		5.19	0.007	0.59	8.38	42.5	880	1.28	0.95	2.70	3.74	30.5	15.9	21	18.00	41.6
N815348		5.52	<0.005	0.23	8.57	12.1	2090	1.25	0.21	3.16	0.89	29.7	14.0	18	13.30	23.2
N815349		6.39	0.005	0.43	9.06	51.6	1150	1.45	0.34	1.71	0.65	40.3	17.2	17	34.9	32.3
N815350		0.23	1.380	33.2	8.28	566	1310	2.02	1.34	0.33	29.2	73.6	6.3	20	3.32	136.0
N815351		6.49	0.097	1.40	9.58	730	4560	1.41	0.49	1.32	1.04	40.6	17.0	18	23.0	37.8
N815352		6.73	0.085	1.11	8.86	522	1350	1.68	0.28	0.42	1.11	33.1	18.2	14	36.8	31.5
N815353		7.42	0.008	0.28	8.22	51.7	2830	1.35	0.23	0.44	0.38	45.6	11.1	10	23.9	17.5
N815354		7.65	0.005	0.18	9.26	17.9	1660	1.31	0.19	1.86	0.23	37.5	14.5	15	18.30	25.4
N815355		6.57	0.080	1.62	5.81	505	580	1.22	0.34	1.19	5.30	25.9	11.6	13	16.50	20.3
N815356		5.64	0.038	1.47	7.08	196.0	990	1.22	0.93	2.96	4.23	17.85	13.7	32	13.80	17.8
N815357		4.88	0.195	4.47	8.87	258	1040	1.47	2.87	0.85	4.94	34.4	19.0	53	14.15	64.0
N815358		5.24	0.010	0.72	6.89	61.2	490	1.30	0.71	3.12	1.80	21.2	19.5	64	21.3	36.4
N815359		6.34	0.045	1.69	8.02	560	890	1.37	0.88	0.83	9.66	23.6	15.7	11	24.8	36.0



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Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179917**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815324		3.84	18.95	0.22	1.6	0.053	2.66	21.6	21.8	0.65	908	5.03	0.38	5.0	4.7	690
N815325		4.62	18.85	0.23	1.5	0.060	1.30	14.5	26.9	1.56	1130	1.68	1.65	5.3	5.2	720
N815326		4.75	19.15	0.22	1.2	0.054	1.39	11.5	27.8	1.69	1390	0.83	1.51	4.9	3.3	690
N815327		4.97	19.05	0.21	1.2	0.050	1.33	9.5	25.3	1.63	1470	0.70	1.64	4.6	3.0	690
N815328		3.35	19.80	0.23	1.3	0.080	3.10	24.5	20.0	0.51	1000	4.07	0.19	5.6	3.5	790
N815329		4.72	18.10	0.23	1.1	0.046	1.39	8.9	26.8	1.91	1210	0.66	1.19	5.1	3.4	670
N815330		4.47	17.70	0.21	1.0	0.050	1.39	8.0	24.5	1.67	1200	0.61	1.80	4.7	3.9	640
N815331		4.87	18.35	0.23	0.9	0.080	1.48	11.9	25.3	1.72	1180	2.70	2.01	4.3	5.7	660
N815332		4.21	17.15	0.24	0.8	0.035	2.12	14.5	27.3	1.56	1340	2.16	2.28	3.3	10.5	780
N815333		4.44	18.20	0.22	1.1	0.040	1.17	8.7	21.7	1.65	1160	0.58	2.02	5.0	3.9	700
N815334		4.66	19.00	0.22	1.3	0.044	1.14	11.6	25.7	1.69	1380	1.37	1.35	5.9	5.9	730
N815335		4.24	16.75	0.22	1.3	0.038	0.99	12.3	22.5	1.57	1200	1.47	1.97	5.5	5.9	660
N815336		4.38	17.60	0.23	1.3	0.039	1.12	12.1	23.3	1.82	1140	1.51	2.10	5.7	6.3	670
N815337		4.76	17.80	0.21	1.5	0.060	0.99	14.1	25.7	1.91	1440	2.12	1.69	6.6	15.1	760
N815338		4.79	16.15	0.19	1.1	0.080	2.78	14.7	17.9	0.26	5230	8.05	0.10	5.4	17.6	630
N815339		0.48	0.38	0.30	<0.1	<0.005	0.03	0.5	1.2	12.65	215	0.32	0.01	0.4	2.8	180
N815340		4.93	16.15	0.17	1.3	0.054	2.95	8.5	31.5	0.27	3170	5.89	0.07	5.9	15.4	650
N815341		5.32	19.05	0.20	1.4	0.065	0.68	16.5	55.3	0.24	2080	6.36	0.03	6.6	20.6	820
N815342		5.77	19.85	0.23	1.5	0.058	1.10	17.8	52.7	1.41	1770	2.85	0.53	7.0	22.3	820
N815343		5.02	20.6	0.22	1.7	0.065	1.32	17.4	47.0	0.98	1460	45.8	0.74	7.5	10.6	780
N815344		3.92	19.90	0.21	1.7	0.063	3.15	15.4	16.5	0.71	2340	16.20	0.10	6.5	7.1	790
N815345		5.53	18.20	0.22	1.6	0.047	1.06	12.2	25.2	1.58	1220	1.77	1.52	7.2	8.2	840
N815346		4.49	19.25	0.23	1.5	0.045	1.59	17.4	42.0	0.77	1340	4.77	0.49	6.2	9.0	780
N815347		4.65	17.70	0.22	1.5	0.055	1.39	14.6	23.9	1.20	2580	4.36	1.59	6.2	8.7	730
N815348		4.50	19.50	0.24	1.4	0.043	1.19	13.0	24.8	1.66	2090	2.18	1.98	6.8	7.2	760
N815349		4.86	19.70	0.23	1.4	0.047	1.46	20.4	34.5	1.42	1600	3.33	1.18	7.0	7.6	800
N815350		6.24	24.3	0.28	2.2	0.226	3.81	36.4	26.3	0.31	1100	6.35	0.08	13.3	7.5	1910
N815351		4.68	20.1	0.22	1.4	0.075	2.08	22.3	33.9	0.70	1860	5.82	1.10	7.1	8.2	820
N815352		4.89	19.30	0.21	1.3	0.096	2.40	15.9	35.8	0.31	3120	12.45	0.03	7.4	7.9	790
N815353		3.60	17.55	0.20	1.4	0.065	1.74	24.5	57.3	0.38	1500	6.86	0.29	8.3	4.9	640
N815354		4.59	19.15	0.25	1.3	0.044	1.25	18.2	31.0	1.05	1140	2.88	1.51	6.9	6.7	780
N815355		4.13	12.85	0.20	1.0	0.063	2.30	13.5	37.4	0.29	3960	10.05	0.03	3.9	6.2	450
N815356		4.90	17.20	0.21	1.4	0.071	2.95	7.8	8.2	0.23	6260	6.32	0.21	5.8	11.8	660
N815357		5.36	18.85	0.23	1.4	0.085	3.56	16.9	5.5	0.25	4190	10.05	0.16	6.3	15.8	720
N815358		4.98	16.75	0.21	1.3	0.057	2.15	9.6	34.6	0.27	3270	7.39	0.08	6.0	17.0	730
N815359		4.53	17.20	0.20	1.3	0.105	2.90	12.7	11.4	0.29	5230	5.28	0.16	5.1	6.1	580



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 Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179917**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815324		18.1	144.0	<0.002	0.70	46.7	14.7	2	1.4	144.0	0.34	0.21	7.6	0.263	1.26	1.8
N815325		21.4	51.8	<0.002	0.32	5.05	16.7	2	1.1	396	0.35	0.16	4.7	0.368	0.81	1.2
N815326		26.7	44.8	<0.002	0.06	2.62	15.8	2	1.0	349	0.31	0.07	3.3	0.376	0.81	1.0
N815327		17.8	38.4	<0.002	0.02	1.92	16.0	1	0.9	362	0.30	0.05	3.0	0.391	0.80	1.0
N815328		64.7	207	<0.002	0.11	35.3	18.3	2	1.0	67.8	0.36	0.08	5.0	0.388	2.71	1.6
N815329		29.4	41.5	<0.002	0.06	1.42	15.8	1	0.9	261	0.29	0.06	2.8	0.378	1.03	0.8
N815330		31.6	33.8	<0.002	0.18	1.67	14.1	1	1.0	430	0.27	0.08	2.4	0.362	0.99	0.7
N815331		31.4	60.9	<0.002	0.48	1.78	15.3	2	1.5	292	0.25	0.33	3.6	0.324	0.96	1.0
N815332		46.9	96.0	<0.002	0.74	1.39	14.6	1	0.7	264	0.20	0.18	5.1	0.249	1.06	1.2
N815333		64.1	31.1	<0.002	0.19	1.14	13.5	1	0.8	425	0.29	0.06	3.1	0.362	0.70	0.8
N815334		36.4	37.5	<0.002	0.05	2.97	15.1	1	0.8	276	0.37	<0.05	4.1	0.381	0.69	1.0
N815335		35.7	27.0	<0.002	0.04	1.28	14.8	1	0.8	415	0.33	<0.05	4.0	0.358	0.56	1.0
N815336		36.6	28.1	<0.002	0.03	1.25	15.4	1	0.8	447	0.34	<0.05	3.9	0.368	0.55	1.1
N815337		27.6	23.2	<0.002	0.03	2.22	17.1	1	1.0	417	0.39	<0.05	4.6	0.398	0.65	1.2
N815338		35.0	147.5	<0.002	0.17	16.10	17.2	1	0.8	58.1	0.30	<0.05	4.4	0.347	2.87	1.5
N815339		1.5	1.3	<0.002	0.01	0.05	0.3	1	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N815340		22.0	129.5	<0.002	0.06	10.75	13.2	1	0.9	77.8	0.35	<0.05	2.9	0.367	2.94	1.2
N815341		17.3	46.6	<0.002	0.01	14.70	22.2	1	1.1	25.0	0.39	<0.05	6.4	0.429	0.68	1.5
N815342		98.5	64.6	<0.002	0.03	5.29	22.1	1	1.0	135.5	0.40	0.07	6.7	0.448	0.92	1.6
N815343		191.0	71.6	0.005	0.30	7.99	16.7	1	1.1	200	0.42	0.19	6.4	0.414	1.26	1.6
N815344		107.5	148.0	<0.002	0.39	10.45	15.3	1	0.9	64.4	0.38	0.52	5.6	0.372	2.50	1.6
N815345		43.0	27.7	<0.002	0.32	2.83	15.8	1	0.9	370	0.41	0.19	4.5	0.422	0.77	1.1
N815346		21.7	83.0	<0.002	0.27	8.60	17.0	1	1.1	143.5	0.38	0.10	5.9	0.404	1.34	1.4
N815347		329	56.3	<0.002	0.36	4.95	16.5	2	0.9	345	0.36	0.15	4.8	0.385	1.42	1.2
N815348		89.3	30.6	<0.002	0.14	2.69	15.9	1	1.0	455	0.39	0.05	4.2	0.393	0.95	1.0
N815349		44.3	82.7	<0.002	0.07	5.23	17.3	1	1.0	263	0.42	0.05	6.2	0.417	1.31	1.6
N815350		4260	181.5	0.004	0.66	60.8	16.4	5	19.2	421	0.74	0.26	8.1	0.482	2.20	4.2
N815351		112.5	129.5	<0.002	0.14	10.60	17.6	2	1.1	250	0.40	0.08	6.6	0.413	2.57	1.9
N815352		83.7	163.5	<0.002	0.12	16.00	18.1	1	1.2	62.7	0.46	0.06	6.5	0.421	3.37	1.9
N815353		17.5	109.5	<0.002	0.11	5.93	11.5	1	1.5	77.6	0.53	0.07	7.6	0.266	1.72	2.0
N815354		24.5	63.5	<0.002	0.05	4.75	16.3	1	1.0	314	0.41	<0.05	6.0	0.400	0.95	1.5
N815355		402	144.0	<0.002	0.34	55.5	11.1	1	0.6	100.5	0.23	<0.05	3.8	0.259	2.68	1.5
N815356		353	116.0	<0.002	0.63	44.8	13.7	1	0.9	120.0	0.34	0.08	4.0	0.358	2.51	1.7
N815357		1065	179.5	<0.002	0.69	92.9	18.6	2	1.0	70.4	0.36	0.11	6.3	0.398	2.92	2.1
N815358		98.1	103.0	<0.002	0.23	36.5	15.8	1	0.9	193.5	0.36	0.09	3.6	0.370	3.07	1.6
N815359		1030	174.0	<0.002	0.42	24.5	15.4	2	0.9	153.5	0.31	0.08	5.2	0.334	2.97	1.8





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**CERTIFICATE OF ANALYSIS WH12179917**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815324		113	2.2	16.6	85	59.2
N815325		132	2.8	17.3	97	52.0
N815326		140	1.6	17.6	145	42.4
N815327		146	0.9	15.1	132	42.0
N815328		149	3.5	34.5	167	48.9
N815329		138	1.2	14.8	133	43.9
N815330		133	1.8	14.7	117	39.8
N815331		123	2.1	19.4	111	34.5
N815332		107	1.4	14.9	132	32.1
N815333		119	1.0	12.5	145	43.3
N815334		132	1.1	13.7	134	52.3
N815335		123	1.0	14.2	141	51.1
N815336		131	0.9	16.0	120	54.1
N815337		135	1.4	18.1	174	58.1
N815338		134	3.3	20.6	137	46.1
N815339		3	0.1	0.9	16	0.5
N815340		135	3.1	11.0	160	50.8
N815341		145	29.7	18.2	157	57.5
N815342		158	3.7	18.2	230	63.6
N815343		142	3.6	18.8	245	71.5
N815344		125	3.6	20.8	174	73.7
N815345		144	3.4	15.1	179	65.8
N815346		143	3.3	16.0	107	60.8
N815347		132	3.1	18.6	482	64.2
N815348		149	3.0	17.5	190	58.2
N815349		143	2.8	22.1	163	58.1
N815350		157	3.8	21.1	2680	72.9
N815351		144	6.3	24.0	218	58.1
N815352		146	12.0	20.2	198	55.3
N815353		92	2.8	19.4	99	49.0
N815354		141	2.4	18.3	103	56.0
N815355		103	4.1	12.4	749	44.1
N815356		128	4.3	12.1	832	59.0
N815357		143	5.4	15.7	941	59.6
N815358		143	4.8	13.0	368	50.9
N815359		125	3.7	18.0	1200	55.4



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**CERTIFICATE OF ANALYSIS WH12179917**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12179918**

Project: Klaza TR-12-37

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12179918**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815396		5.49	0.005	2.86	8.99	51.7	850	1.30	1.50	1.64	2.42	35.7	17.8	43	13.95	130.5
N815397		4.97	<0.005	0.40	8.49	15.2	1680	1.14	0.58	2.59	1.68	29.8	18.3	55	12.95	30.5
N815398		5.15	<0.005	0.33	8.94	53.4	860	1.33	0.43	1.82	2.41	33.1	19.2	59	21.2	38.7
N815399		3.30	<0.005	0.27	9.12	23.7	820	1.51	0.30	1.29	1.56	30.2	16.3	42	14.05	33.3
N815400		3.83	0.015	1.89	8.53	43.4	780	1.24	0.64	1.89	1.65	32.0	17.3	36	12.95	67.9
N815401		5.44	0.006	1.39	8.21	29.6	990	1.56	4.53	0.33	1.26	19.55	21.6	47	31.8	217
N815402		5.54	0.006	1.00	8.40	23.9	950	1.31	4.07	0.39	1.93	37.2	19.9	47	30.2	146.0
N815403		5.14	<0.005	0.71	9.24	26.0	920	1.41	1.38	0.45	2.57	42.5	18.5	42	21.2	101.0
N815404		4.65	<0.005	0.30	9.59	11.8	1630	1.46	0.64	1.51	1.66	32.9	19.2	58	29.3	55.2
N815405		4.99	<0.005	0.22	9.51	15.3	1200	1.29	0.23	1.26	2.21	42.2	18.0	51	28.7	47.2
N815406		5.43	<0.005	0.31	9.73	9.5	1040	1.19	0.40	1.98	1.60	40.8	18.4	57	19.80	52.1
N815407		5.01	<0.005	0.40	8.96	5.3	1220	0.71	1.12	0.34	0.60	40.3	16.3	39	17.60	35.6
N815408		6.53	<0.005	0.52	9.47	5.4	760	1.05	0.89	1.97	1.42	41.5	18.5	37	16.15	42.0
N815409		5.18	0.007	0.20	8.83	37.1	860	0.41	1.62	0.24	0.36	41.3	8.2	7	16.05	9.4
N815410		3.38	0.006	0.13	9.00	33.1	550	0.31	2.05	0.21	0.19	40.8	5.5	4	9.27	3.2
N815411		5.30	<0.005	0.11	8.92	12.1	840	0.32	1.31	0.27	0.10	52.3	4.0	13	7.46	4.0
N815412		3.78	<0.005	0.01	0.14	<5	30	0.06	0.03	21.8	0.05	1.35	1.2	1	0.21	2.8
N815413		4.85	<0.005	0.06	9.39	10.4	2290	0.35	0.81	0.26	0.11	49.4	2.3	15	7.46	3.3
N815414		4.18	<0.005	0.06	9.49	8.3	6190	0.45	0.54	0.21	0.14	48.7	3.3	15	7.17	4.1
N815415		6.47	<0.005	0.17	9.37	15.6	1010	0.97	0.76	0.21	0.35	49.9	11.0	14	24.0	9.5
N815416		4.42	<0.005	0.44	9.02	11.0	1380	1.65	1.16	0.28	0.62	53.0	12.3	10	16.00	16.5
N815417		6.62	<0.005	0.28	8.34	12.9	1980	1.43	0.70	0.43	0.42	56.0	6.4	8	15.40	14.8
N815418		5.36	<0.005	0.38	8.60	22.2	1500	1.37	0.76	1.51	0.52	51.6	12.2	11	15.90	33.3
N815419		4.06	<0.005	0.23	8.32	19.8	1030	1.37	0.49	1.37	0.44	52.8	7.8	8	15.05	26.3
N815420		3.74	<0.005	0.50	8.46	52.0	2060	1.40	1.83	0.37	0.85	50.9	8.3	8	30.1	24.0
N815421		5.32	<0.005	0.29	8.50	12.9	1830	1.38	2.33	1.48	0.82	52.4	10.9	10	22.9	42.9
N815422		4.29	<0.005	0.15	7.92	11.9	1200	1.38	0.31	1.09	0.54	54.3	6.7	8	18.45	13.7
N815423		4.10	0.005	0.34	7.63	37.2	690	1.23	1.62	0.22	0.50	46.8	7.0	5	22.7	25.7
N815424		5.62	<0.005	0.16	8.71	14.0	970	1.14	0.71	1.67	0.42	51.6	14.0	13	21.0	23.4
N815425		0.23	0.282	>100	5.78	220	620	0.55	5.08	1.46	24.1	20.9	12.5	65	0.98	6280
N815426		5.64	<0.005	0.18	8.99	11.0	1670	1.19	0.94	1.63	0.31	53.0	15.6	13	21.2	45.0
N815427		6.38	<0.005	0.13	8.95	12.8	1040	1.24	0.88	0.50	0.28	55.1	16.3	17	21.4	21.6
N815428		5.11	<0.005	0.15	8.65	19.6	1050	1.28	1.37	0.72	0.23	57.6	14.0	19	20.3	23.3
N815429		5.40	<0.005	0.21	9.23	27.2	1770	1.21	2.00	0.68	0.36	59.6	16.5	16	24.1	36.8
N815430		4.69	<0.005	0.19	8.18	23.7	2370	1.25	0.70	0.85	0.31	56.8	9.4	14	15.75	19.7
N815431		5.27	<0.005	0.23	9.00	16.6	1140	1.42	0.90	0.74	0.37	48.7	14.9	37	18.85	23.2



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**CERTIFICATE OF ANALYSIS WH12179918**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815396		5.13	19.55	0.10	1.4	0.102	2.13	15.4	21.3	1.25	2640	3.44	0.94	5.8	19.4	780
N815397		4.75	18.90	0.09	1.1	0.058	1.16	12.0	28.0	1.76	2100	2.05	1.40	5.5	19.7	740
N815398		5.18	18.35	0.10	1.3	0.066	1.32	13.7	35.6	1.14	2210	1.86	1.02	5.3	20.5	740
N815399		4.61	18.70	0.11	1.5	0.052	1.20	12.3	26.7	0.94	1460	1.77	0.87	6.2	16.9	830
N815400		4.66	17.60	0.11	1.5	0.092	1.55	13.4	22.2	1.37	1820	1.83	1.32	5.7	15.7	780
N815401		4.62	18.50	0.10	1.3	0.172	2.74	9.6	21.4	0.36	2220	6.59	0.05	5.3	18.8	700
N815402		5.75	18.50	0.12	1.3	0.114	2.76	17.1	28.0	0.34	3460	8.87	0.05	5.1	18.6	710
N815403		5.41	19.65	0.12	1.4	0.113	2.50	23.2	36.0	0.52	2250	5.16	0.16	5.4	17.6	830
N815404		5.14	19.85	0.10	1.1	0.066	1.46	13.2	32.9	1.09	1860	2.14	0.97	6.1	20.9	830
N815405		5.05	20.7	0.13	1.3	0.062	1.30	18.6	40.9	1.02	2360	2.99	0.79	6.8	19.6	860
N815406		5.22	20.6	0.15	1.2	0.076	1.34	18.9	41.5	1.42	2650	3.07	1.65	6.6	17.5	880
N815407		5.15	22.3	0.17	1.4	0.104	3.61	18.8	38.7	1.09	1200	3.39	0.20	2.7	11.8	710
N815408		5.37	21.0	0.16	1.6	0.084	1.46	19.5	35.1	1.64	2670	2.46	1.45	6.3	16.0	860
N815409		6.29	25.0	0.17	0.7	0.037	2.86	19.8	43.5	0.17	312	12.75	0.07	1.2	4.3	790
N815410		4.90	21.2	0.16	0.4	0.019	1.88	19.1	109.5	0.10	221	16.00	0.07	1.8	1.7	840
N815411		4.27	17.75	0.17	0.5	0.030	2.04	24.7	86.1	0.09	204	11.15	0.08	2.1	1.7	920
N815412		0.53	0.38	0.13	<0.1	0.005	0.03	0.6	1.8	13.40	213	0.24	0.01	0.3	1.7	200
N815413		2.59	18.65	0.23	0.5	0.021	1.86	23.3	150.0	0.11	141	5.56	0.09	2.4	1.7	1020
N815414		2.68	15.05	0.19	0.5	0.014	1.76	23.1	181.5	0.07	133	6.00	0.05	2.7	2.3	1010
N815415		4.16	18.90	0.19	1.3	0.049	3.17	24.0	58.1	0.19	348	5.55	0.16	2.2	6.2	750
N815416		4.50	21.7	0.18	1.7	0.122	3.34	26.4	39.1	0.37	1400	4.41	0.12	3.0	7.3	730
N815417		2.86	18.15	0.16	1.6	0.059	2.20	29.3	37.9	0.29	1260	5.61	0.66	6.8	4.5	570
N815418		3.67	19.65	0.17	1.8	0.161	1.82	26.1	19.4	0.75	1940	22.7	1.87	8.6	8.0	710
N815419		3.07	18.60	0.17	1.8	0.096	1.77	27.4	12.9	0.53	1220	3.16	1.97	9.2	5.3	670
N815420		3.03	18.55	0.16	2.1	0.070	2.72	26.1	22.9	0.32	2270	5.36	0.25	9.2	5.3	700
N815421		3.81	19.55	0.17	1.8	0.102	1.59	26.3	28.5	0.61	2010	4.06	1.45	8.9	8.1	730
N815422		2.70	18.60	0.15	1.7	0.080	1.92	28.2	18.9	0.41	1900	5.01	1.50	7.6	5.3	580
N815423		2.93	18.40	0.15	1.5	0.092	3.25	23.7	12.2	0.25	1320	6.43	0.06	6.5	3.1	550
N815424		4.30	20.2	0.17	1.8	0.085	2.31	22.8	18.0	0.88	1420	2.28	1.39	9.4	6.1	670
N815425		6.31	13.25	0.16	1.6	0.468	1.17	9.5	12.8	1.18	1800	22.7	1.72	3.7	28.6	480
N815426		5.26	20.8	0.16	1.9	0.105	2.00	27.8	17.2	0.90	1100	3.12	2.05	8.9	4.9	660
N815427		4.90	21.2	0.18	1.8	0.089	2.83	28.6	23.3	0.51	807	3.62	0.40	5.3	7.5	770
N815428		4.49	19.95	0.16	2.1	0.083	2.57	28.2	31.3	0.57	755	2.98	0.53	6.4	7.6	720
N815429		4.42	20.6	0.17	2.2	0.079	2.06	30.1	36.4	0.50	1100	3.92	0.76	8.2	8.0	890
N815430		3.06	18.55	0.16	1.8	0.076	2.23	29.1	23.4	0.53	1300	2.59	0.99	8.8	7.0	640
N815431		4.43	20.5	0.17	1.7	0.096	1.83	24.0	36.4	0.81	1500	3.82	0.33	8.7	13.5	680



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Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179918**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815396		670	107.0	0.003	0.38	17.45	17.8	1	1.4	233	0.36	0.28	5.9	0.396	1.96	1.6
N815397		66.8	29.9	0.002	0.17	6.90	18.7	2	1.2	354	0.34	0.20	4.0	0.394	0.85	0.9
N815398		71.9	52.1	0.002	0.27	16.55	18.8	<1	1.2	225	0.36	0.26	5.3	0.412	1.06	1.4
N815399		44.6	37.1	<0.002	0.13	11.95	16.2	1	1.2	183.0	0.40	0.28	5.0	0.414	0.83	1.6
N815400		571	60.7	<0.002	0.24	11.85	14.6	1	1.3	287	0.38	0.41	4.8	0.371	1.30	1.4
N815401		108.5	141.0	<0.002	0.31	64.7	18.8	2	1.4	34.1	0.33	0.59	5.6	0.365	1.98	2.0
N815402		66.5	144.0	0.003	0.22	44.4	18.7	2	1.3	32.6	0.33	0.43	5.9	0.369	2.07	2.1
N815403		103.5	128.0	0.002	0.28	17.50	19.8	1	1.1	42.8	0.35	0.39	6.8	0.376	1.78	2.1
N815404		103.5	59.4	<0.002	0.06	8.05	18.7	1	1.2	293	0.37	0.22	5.7	0.443	1.09	1.3
N815405		81.7	66.2	<0.002	0.03	8.78	20.0	1	1.2	185.0	0.45	0.09	6.6	0.445	0.99	1.7
N815406		91.2	53.1	<0.002	0.18	7.38	21.6	1	1.2	320	0.44	0.27	5.9	0.447	0.81	1.5
N815407		44.5	169.0	<0.002	0.28	3.89	17.8	2	0.7	68.7	0.19	0.33	6.5	0.210	1.48	1.8
N815408		246	64.5	<0.002	0.17	3.87	18.4	2	1.1	332	0.43	0.43	6.7	0.413	1.01	1.8
N815409		50.3	142.0	<0.002	0.62	5.13	11.8	2	0.3	917	0.08	0.75	5.6	0.082	1.34	3.5
N815410		37.4	89.5	<0.002	0.71	2.86	8.0	2	0.4	1390	0.12	0.99	6.4	0.117	0.88	2.1
N815411		31.5	100.5	<0.002	0.50	2.28	6.2	2	0.9	1435	0.14	0.42	12.3	0.131	1.04	1.9
N815412		1.7	1.5	<0.002	0.02	<0.05	0.2	1	<0.2	56.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N815413		29.0	87.6	0.002	0.35	3.10	7.2	2	0.7	1720	0.18	0.30	10.3	0.145	1.04	1.8
N815414		19.9	82.3	<0.002	0.49	6.15	5.3	2	0.8	1785	0.19	0.19	10.5	0.154	0.85	1.9
N815415		21.1	144.0	<0.002	0.18	38.6	10.1	2	0.6	850	0.16	0.13	11.1	0.113	1.43	2.3
N815416		83.7	164.0	<0.002	0.42	13.35	9.5	2	0.6	473	0.23	0.28	10.5	0.121	1.82	3.2
N815417		27.0	123.5	<0.002	0.21	12.80	6.8	1	1.0	218	0.51	0.28	11.3	0.164	1.61	3.0
N815418		36.8	101.5	0.002	0.09	5.11	11.8	1	1.3	336	0.57	0.37	9.8	0.317	1.41	2.6
N815419		22.1	93.5	<0.002	0.09	4.40	8.2	1	1.2	293	0.65	0.23	11.1	0.251	1.35	2.9
N815420		56.8	161.5	<0.002	0.18	10.35	8.2	1	1.6	78.3	0.65	0.55	10.9	0.252	2.40	3.2
N815421		59.3	80.5	<0.002	0.07	7.71	10.0	1	1.7	310	0.63	1.30	10.3	0.302	1.14	2.7
N815422		35.2	96.9	<0.002	0.10	5.50	6.7	1	1.0	272	0.54	0.24	11.2	0.185	1.12	3.1
N815423		45.6	166.0	<0.002	0.13	11.55	6.5	1	1.7	75.1	0.47	0.34	10.4	0.141	1.84	2.8
N815424		32.3	100.5	<0.002	0.05	6.81	15.2	2	1.8	274	0.65	0.16	10.8	0.378	1.17	2.3
N815425		>10000	31.3	0.011	2.39	467	11.3	3	2.1	202	0.23	1.19	2.3	0.258	0.51	1.7
N815426		35.4	88.3	<0.002	0.20	4.53	17.7	2	2.6	341	0.60	0.45	11.0	0.374	1.06	2.7
N815427		21.6	151.0	<0.002	0.40	8.19	15.6	2	1.4	150.0	0.37	0.27	11.4	0.266	1.48	2.8
N815428		25.2	135.0	<0.002	0.22	12.60	14.6	2	1.5	156.0	0.45	0.30	12.0	0.288	1.39	2.9
N815429		49.1	117.5	<0.002	0.16	15.55	14.6	2	2.1	180.5	0.57	0.39	11.8	0.360	1.40	3.4
N815430		58.1	115.5	<0.002	0.08	8.80	9.5	1	1.9	229	0.64	0.20	11.2	0.248	1.46	2.8
N815431		39.4	97.4	<0.002	0.07	8.58	14.0	2	1.6	120.5	0.61	0.45	9.5	0.328	1.30	2.9



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**CERTIFICATE OF ANALYSIS WH12179918**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815396		134	5.1	17.0	406	63.3		
N815397		147	2.5	15.9	234	35.7		
N815398		157	3.2	17.4	339	48.0		
N815399		147	2.1	15.9	279	58.7		
N815400		131	5.5	16.1	324	57.0		
N815401		131	4.1	19.4	232	61.6		
N815402		142	4.4	23.7	337	47.2		
N815403		150	4.8	26.7	382	53.5		
N815404		162	2.8	14.9	341	40.2		
N815405		164	5.9	21.4	339	50.6		
N815406		162	3.3	22.3	233	47.6		
N815407		129	2.7	19.0	141	53.0		
N815408		153	1.9	19.9	349	60.9		
N815409		115	0.7	12.8	56	25.6		
N815410		112	0.9	11.5	13	15.9		
N815411		110	1.7	12.9	16	18.6		
N815412		3	0.1	1.0	13	0.7		
N815413		113	1.3	15.2	11	16.9		
N815414		106	1.8	13.6	10	16.8		
N815415		104	1.7	14.9	74	46.8		
N815416		80	1.0	17.2	149	64.0		
N815417		49	1.4	13.1	100	55.9		
N815418		102	1.4	17.0	157	69.8		
N815419		67	1.4	15.6	114	70.7		
N815420		64	2.2	16.6	155	82.8		
N815421		89	3.1	17.1	144	67.8		
N815422		54	1.0	14.0	107	63.1		
N815423		49	2.5	12.8	111	50.8		
N815424		131	3.2	18.4	123	67.4		
N815425		85	0.6	16.2	5310	59.3	102	1.010
N815426		138	2.7	24.9	119	73.7		
N815427		133	1.9	20.3	95	67.3		
N815428		122	2.0	19.4	94	77.7		
N815429		130	2.8	21.5	118	87.3		
N815430		79	2.0	16.9	101	62.8		
N815431		120	3.2	19.1	141	58.3		



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**CERTIFICATE OF ANALYSIS WH12179918**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12179919**

Project: Klaza TR-12-37

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12179919**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N815360		5.67	<0.005	0.23	8.60	16.4	1190	0.94	1.00	3.32	0.67	25.1	15.8	7	13.35	81.4
N815361		6.46	<0.005	0.16	8.85	8.1	610	1.01	0.48	4.92	1.51	29.1	17.4	9	11.75	37.9
N815362		5.63	<0.005	0.08	8.67	4.2	840	1.17	0.26	4.07	0.33	24.9	15.9	4	10.85	21.1
N815363		8.41	0.126	10.60	6.86	172.5	870	0.97	0.21	2.70	56.4	18.80	6.7	5	20.5	130.5
N815364		7.54	0.040	1.05	8.08	83.0	1060	1.23	0.38	3.49	14.30	21.2	13.5	7	15.10	30.8
N815365		5.84	0.009	0.57	6.76	44.4	700	1.14	1.07	2.92	0.69	19.35	13.5	19	15.80	36.8
N815366		6.98	0.006	1.15	7.90	21.9	740	1.45	2.45	3.69	0.83	48.2	12.4	8	13.00	87.9
N815367		6.32	<0.005	0.34	8.35	5.4	660	1.24	1.08	4.04	0.28	38.9	10.8	14	11.15	58.8
N815368		5.48	<0.005	0.16	8.07	10.6	840	1.40	0.60	2.50	0.43	50.3	11.7	15	7.69	25.7
N815369		4.95	<0.005	0.23	8.03	17.7	920	1.24	0.65	2.40	0.47	45.0	12.0	21	6.47	28.9
N815370		7.52	<0.005	0.31	8.86	14.4	730	0.99	0.64	2.86	1.00	38.4	12.1	11	13.50	64.7
N815371		5.47	<0.005	0.27	8.85	7.8	620	0.97	0.79	2.49	1.20	29.3	15.1	6	17.05	53.1
N815372		6.56	<0.005	0.54	8.32	8.6	660	1.06	0.69	2.69	0.87	38.5	18.5	40	10.70	135.5
N815373		6.70	<0.005	0.25	8.73	12.6	780	1.17	0.58	3.23	0.61	39.1	19.0	47	9.12	57.1
N815374		7.20	0.005	0.85	8.67	23.5	1440	1.50	3.49	1.84	1.23	51.2	22.4	44	19.85	227
N815375		7.02	<0.005	0.27	8.75	16.0	1520	2.22	1.02	1.07	0.54	58.1	18.8	38	28.7	96.1
N815376		5.00	<0.005	0.13	9.23	7.3	960	1.54	0.41	1.45	0.40	37.2	17.8	39	18.80	33.1
N815377		4.88	<0.005	0.16	8.23	21.0	760	2.14	0.31	1.34	0.44	44.6	13.3	33	33.8	37.3
N815378		5.53	<0.005	0.14	7.39	8.8	2330	2.25	0.33	1.47	0.58	43.7	7.3	18	19.35	12.3
N815379		5.82	<0.005	0.09	7.98	17.7	1160	2.05	0.23	1.02	0.19	42.0	12.5	28	20.5	19.0
N815380		5.50	<0.005	0.28	8.39	7.8	740	1.34	1.26	3.87	0.30	26.3	19.9	33	14.05	32.3
N815381		4.55	<0.005	0.38	8.86	27.0	910	1.18	1.03	2.83	0.49	43.0	17.7	47	21.8	66.7
N815382		5.63	0.006	1.34	8.91	84.9	1040	1.90	0.73	1.25	4.89	31.0	20.3	60	29.4	77.3
N815383		4.80	<0.005	0.42	8.79	10.3	920	1.52	2.36	3.23	0.79	41.6	20.7	56	10.40	69.2
N815384		0.23	1.330	34.0	7.67	538	1200	2.34	1.25	0.29	32.9	78.3	6.2	18	3.36	131.5
N815385		6.06	<0.005	0.39	8.75	46.1	550	1.55	0.87	1.30	1.12	28.7	18.7	45	24.1	41.2
N815386		6.34	<0.005	0.80	8.38	19.7	1200	1.76	6.77	2.93	0.63	23.2	13.8	31	42.4	36.9
N815387		6.93	0.029	1.40	8.06	80.1	1080	1.80	0.56	2.49	0.94	17.00	10.6	4	38.0	71.2
N815388		7.04	0.141	2.13	7.48	181.5	1150	1.53	0.69	2.45	5.14	17.90	11.6	4	23.0	163.5
N815389		6.84	<0.005	0.19	8.20	8.3	1750	1.57	0.67	2.13	1.12	18.75	11.2	4	37.4	31.3
N815390		5.97	0.048	3.88	9.16	71.7	1510	2.53	0.64	0.86	9.61	21.0	11.5	3	24.8	278
N815391		5.28	0.038	1.92	9.30	268	1040	2.25	0.63	1.04	2.40	21.8	11.8	11	20.9	90.9
N815392		7.06	0.032	1.65	8.18	112.0	2500	1.89	1.18	1.16	0.47	26.6	4.9	11	21.0	55.6
N815393		2.30	<0.005	0.01	0.11	<5	20	0.09	0.02	21.4	0.09	1.26	1.6	<1	0.32	2.4
N815394		5.75	0.015	0.69	7.72	130.0	750	1.87	0.54	0.36	1.75	36.5	6.4	15	23.4	26.5
N815395		5.68	0.075	3.63	7.47	390	1030	2.08	2.03	0.28	2.60	38.6	9.0	17	30.0	91.0



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Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179919**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815360		4.97	19.75	0.17	1.3	0.105	1.12	12.2	23.8	1.55	2230	1.02	1.49	5.0	4.5	650
N815361		5.12	18.95	0.16	1.1	0.221	0.94	13.7	21.6	1.68	1490	1.00	1.78	5.9	5.2	870
N815362		5.08	19.90	0.15	1.2	0.048	0.86	12.1	20.3	1.64	1260	0.86	1.69	5.2	3.9	730
N815363		2.87	16.10	0.17	1.1	0.227	2.85	8.9	10.5	0.57	4400	1.37	0.11	4.5	2.4	630
N815364		4.37	17.95	0.19	1.2	0.115	1.90	10.5	12.4	0.72	2890	1.53	1.06	4.7	4.3	660
N815365		3.87	18.45	0.17	1.4	0.071	3.04	8.7	16.0	0.33	2430	4.13	0.07	5.1	5.9	640
N815366		4.56	22.5	0.21	2.0	0.136	1.86	22.3	20.4	0.73	2870	2.47	0.71	7.3	3.8	630
N815367		4.34	21.2	0.19	1.9	0.142	1.87	19.2	15.1	1.51	1940	0.84	1.14	6.2	5.5	660
N815368		3.87	18.50	0.18	1.8	0.055	1.64	23.9	18.5	1.11	1190	1.01	2.00	8.5	6.2	680
N815369		3.76	18.20	0.17	1.8	0.074	1.49	21.2	19.9	1.18	1160	1.62	1.84	7.8	8.8	690
N815370		4.10	18.75	0.21	1.8	0.066	1.47	18.3	29.2	1.16	1440	1.29	1.50	6.1	6.2	750
N815371		4.38	19.20	0.16	1.2	0.059	1.11	15.1	21.0	1.15	1310	0.91	1.94	4.8	4.6	750
N815372		4.19	19.25	0.13	1.2	0.066	1.39	17.3	21.6	1.60	1370	0.98	1.57	6.2	14.8	730
N815373		4.54	20.2	0.16	1.1	0.063	1.23	18.0	20.6	1.80	1310	1.22	2.13	6.9	18.0	760
N815374		4.90	19.60	0.20	1.2	0.088	1.52	26.3	28.9	1.07	1860	3.14	1.21	6.5	17.7	760
N815375		4.46	23.3	0.19	1.8	0.086	1.82	29.1	39.0	0.65	1080	2.28	0.76	8.9	19.5	800
N815376		4.73	20.5	0.17	1.3	0.063	1.07	16.6	37.3	0.97	1170	1.29	1.01	6.6	15.8	790
N815377		4.12	21.6	0.16	1.9	0.048	2.21	21.3	39.8	0.43	1280	2.57	0.41	8.7	12.2	790
N815378		2.48	20.8	0.12	2.1	0.027	2.34	20.6	39.6	0.28	568	1.67	0.20	10.7	7.3	740
N815379		3.25	20.2	0.17	1.5	0.040	1.96	19.9	50.7	0.28	811	1.97	0.59	8.3	10.8	800
N815380		5.27	20.1	0.16	1.0	0.069	1.18	12.5	24.0	1.61	1380	0.99	1.68	6.9	13.5	850
N815381		4.86	19.95	0.07	1.2	0.075	1.34	20.0	24.3	1.28	1620	1.23	1.76	6.7	16.4	800
N815382		4.24	21.1	0.17	1.1	0.123	2.17	15.8	30.4	0.46	4260	4.64	0.43	6.1	19.8	760
N815383		4.77	20.3	0.18	1.1	0.152	1.36	19.8	25.7	1.85	1540	1.26	2.04	6.6	20.9	740
N815384		5.59	23.1	0.24	2.1	0.251	3.39	38.9	26.4	0.28	1040	5.90	0.07	12.7	7.5	1750
N815385		4.79	21.3	0.17	1.1	0.072	1.35	13.7	49.4	0.61	1470	2.02	0.30	6.6	18.8	760
N815386		4.07	22.2	0.17	1.2	0.077	2.94	10.3	28.1	0.51	1770	3.77	0.43	7.0	11.6	950
N815387		3.32	20.8	0.13	1.1	0.128	3.49	7.1	18.1	0.26	1640	3.47	0.42	8.0	3.2	950
N815388		3.87	18.15	0.12	1.0	0.412	2.73	7.7	42.4	0.31	2600	5.73	0.20	7.1	2.9	870
N815389		3.98	19.65	0.13	0.9	0.064	2.50	7.9	55.8	0.25	1820	2.76	0.16	7.6	2.9	930
N815390		3.85	21.9	0.17	0.9	0.635	4.00	9.2	7.3	0.33	4620	4.48	0.08	7.5	2.9	970
N815391		3.90	22.4	0.16	1.1	0.113	4.28	9.5	7.9	0.38	3280	3.13	0.05	7.5	4.9	980
N815392		2.06	20.8	0.09	2.4	0.054	2.94	13.4	31.6	0.27	1100	1.50	0.04	8.2	5.3	580
N815393		0.49	0.40	<0.05	<0.1	0.005	0.04	0.6	1.0	12.60	232	1.01	0.01	0.3	0.3	200
N815394		2.66	19.00	0.06	2.1	0.058	2.80	18.0	19.2	0.23	2940	3.34	0.04	7.3	6.2	550
N815395		2.96	17.35	0.09	1.7	0.137	2.19	19.9	36.8	0.22	3910	32.2	0.04	6.1	6.8	590



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**CERTIFICATE OF ANALYSIS WH12179919**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N815360		17.1	39.7	<0.002	0.17	4.33	15.5	<1	1.3	387	0.36	0.08	3.7	0.390	1.2
N815361		19.3	26.8	<0.002	0.21	6.06	15.9	<1	1.3	406	0.40	0.06	3.8	0.460	1.2
N815362		22.0	25.2	<0.002	0.12	2.05	14.9	1	1.1	370	0.35	0.08	4.0	0.406	1.2
N815363		5930	139.0	<0.002	0.70	27.9	10.2	<1	0.9	137.0	0.31	0.05	3.1	0.316	1.2
N815364		804	91.9	<0.002	0.29	9.52	14.3	2	1.0	282	0.35	0.06	3.8	0.374	1.4
N815365		19.1	134.5	<0.002	0.69	13.95	12.2	1	1.5	108.5	0.38	0.17	4.0	0.348	1.5
N815366		64.1	87.9	0.002	0.83	8.67	13.6	2	3.0	188.0	0.56	0.26	8.6	0.332	2.2
N815367		35.4	78.6	<0.002	0.38	3.12	13.0	1	2.9	248	0.49	0.10	6.6	0.345	1.9
N815368		28.5	64.8	0.002	0.06	3.01	14.2	2	1.9	386	0.62	0.06	9.0	0.375	2.2
N815369		36.4	63.0	<0.002	0.08	3.83	13.7	1	1.6	365	0.54	0.09	8.0	0.359	2.1
N815370		40.4	58.3	<0.002	0.11	3.91	13.9	1	1.2	313	0.43	0.12	6.2	0.378	1.8
N815371		43.8	42.5	0.002	0.11	8.51	13.7	1	0.9	353	0.34	0.13	4.3	0.368	1.4
N815372		97.0	47.2	<0.002	0.06	3.20	17.7	2	1.1	330	0.39	0.19	4.9	0.389	1.2
N815373		38.2	35.3	<0.002	0.03	2.75	17.9	2	1.2	436	0.42	0.12	4.9	0.403	1.2
N815374		79.6	80.4	<0.002	0.07	14.25	19.7	3	1.3	266	0.41	0.35	5.9	0.378	1.5
N815375		33.7	93.0	<0.002	0.04	14.00	16.2	1	1.7	182.5	0.58	0.07	9.0	0.341	2.6
N815376		24.6	44.2	<0.002	0.05	6.70	18.9	2	1.3	220	0.42	0.07	5.3	0.414	1.5
N815377		37.3	94.6	<0.002	0.02	15.10	14.5	1	1.4	134.5	0.57	0.06	7.1	0.335	2.4
N815378		40.7	86.4	<0.002	0.05	10.90	7.0	1	1.6	135.0	0.78	<0.05	8.5	0.246	3.0
N815379		20.6	88.1	<0.002	0.04	11.20	13.3	2	1.3	142.5	0.55	0.09	6.9	0.337	2.2
N815380		35.8	28.1	<0.002	0.11	3.71	16.1	2	1.2	402	0.39	0.21	3.1	0.409	1.0
N815381		39.0	46.3	<0.002	0.07	4.97	17.0	1	1.3	390	0.43	0.33	5.1	0.400	1.4
N815382		296	113.5	<0.002	0.12	21.7	21.9	2	1.3	145.0	0.38	0.17	4.9	0.418	1.4
N815383		45.5	43.2	<0.002	0.09	3.70	20.3	2	1.3	443	0.41	0.43	5.5	0.423	1.3
N815384		3830	177.5	0.003	0.61	73.2	15.5	5	21.8	388	0.76	0.40	7.2	0.452	3.3
N815385		123.0	61.1	<0.002	0.03	12.55	20.1	2	1.2	121.0	0.41	0.20	4.7	0.403	1.3
N815386		59.7	127.0	<0.002	0.15	7.75	15.1	2	2.2	154.0	0.41	0.46	4.0	0.415	1.2
N815387		249	186.5	<0.002	0.44	11.40	11.1	2	1.6	146.0	0.49	0.19	2.9	0.445	1.1
N815388		662	129.5	<0.002	0.76	41.1	10.5	2	1.3	112.5	0.42	0.16	2.8	0.395	1.1
N815389		49.7	132.0	<0.002	0.11	17.10	11.5	1	1.3	94.1	0.45	0.23	2.8	0.417	1.0
N815390		1365	227	<0.002	0.52	31.1	13.9	2	1.4	64.2	0.44	0.23	3.3	0.404	1.3
N815391		419	205	<0.002	0.19	73.2	14.5	2	1.3	66.4	0.45	0.12	3.3	0.416	1.4
N815392		548	155.0	<0.002	0.15	59.7	5.6	<1	1.4	118.0	0.58	0.10	6.2	0.213	3.4
N815393		4.2	2.3	<0.002	0.02	0.16	0.3	1	<0.2	44.3	<0.05	<0.05	<0.2	<0.005	0.7
N815394		185.0	168.0	<0.002	0.08	45.6	6.6	<1	1.2	133.0	0.54	0.05	7.0	0.206	3.4
N815395		1045	134.0	0.003	0.17	91.7	8.1	<1	1.4	344	0.43	0.22	6.3	0.218	3.8



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**CERTIFICATE OF ANALYSIS WH12179919**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815360		153	2.0	16.1	269	45.7
N815361		158	3.0	16.0	243	42.2
N815362		148	1.6	13.9	180	44.1
N815363		98	2.7	10.8	4940	45.5
N815364		137	3.2	15.9	1360	44.2
N815365		126	4.9	10.4	127	57.4
N815366		140	4.9	19.2	189	76.0
N815367		153	2.5	18.3	170	69.8
N815368		116	1.8	18.9	135	69.3
N815369		112	1.8	17.3	146	73.3
N815370		120	1.6	17.3	182	60.5
N815371		121	1.8	20.5	205	42.1
N815372		133	1.4	17.7	153	51.7
N815373		137	1.8	18.8	126	46.7
N815374		133	2.7	26.3	197	49.0
N815375		106	3.0	19.1	192	79.1
N815376		142	2.2	17.0	141	52.8
N815377		105	2.0	17.1	119	83.2
N815378		57	1.6	9.8	102	88.0
N815379		104	1.9	13.1	94	65.0
N815380		144	2.0	15.2	143	40.5
N815381		144	2.3	22.2	129	47.4
N815382		157	3.6	20.8	477	45.5
N815383		153	2.0	20.0	164	45.7
N815384		143	3.7	18.9	2460	69.1
N815385		145	3.3	19.6	198	48.3
N815386		143	5.3	13.6	187	54.7
N815387		117	6.8	9.3	227	48.8
N815388		101	4.0	8.8	572	43.2
N815389		107	2.7	10.8	204	39.2
N815390		106	6.6	11.3	1000	41.0
N815391		114	10.3	11.5	336	48.3
N815392		43	1.9	7.7	101	98.6
N815393		2	0.1	0.9	16	0.5
N815394		50	2.7	11.2	226	90.1
N815395		64	3.8	11.8	340	71.1



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

Page: 1

Finalized Date: 23-AUG-2012

Account: ROCKHA

**CERTIFICATE WH12179921**

Project: Klaza TR-12-37

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 23-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179921**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N815288		3.59	<0.005	0.37	9.41	24.7	1050	1.91	2.69	0.39	0.40	55.7	16.0	24	11.05	43.8
N815289		3.02	0.007	0.38	9.31	32.4	710	1.88	3.56	0.36	0.15	55.5	15.5	20	12.75	59.4
N815290		3.69	0.024	0.66	8.71	563	1690	1.66	1.58	0.31	0.48	42.7	10.3	21	11.10	26.1
N815291		3.57	0.042	1.02	7.88	465	7750	1.74	1.94	0.28	1.71	52.8	9.8	11	13.95	28.7
N815292		3.39	0.006	0.50	7.57	110.0	1010	1.42	2.59	0.32	0.60	50.6	6.5	3	14.40	19.3
N815293		3.28	0.041	1.03	8.53	602	880	1.26	1.50	0.34	0.89	49.7	7.6	4	13.15	15.5
N815294		4.96	0.005	0.14	9.10	48.8	750	1.43	0.88	0.91	0.33	48.9	12.8	18	11.15	20.6
N815295		3.87	<0.005	0.10	9.55	30.5	1130	1.58	0.40	0.40	0.47	65.8	6.8	6	10.35	20.6
N815296		3.90	<0.005	0.19	9.30	32.8	1170	1.66	0.53	0.39	0.64	50.2	8.5	15	16.45	18.9
N815297		3.97	0.014	0.44	9.56	173.5	610	1.89	1.28	0.40	1.28	59.4	14.1	17	21.8	35.2
N815298		4.18	<0.005	0.16	9.29	11.5	890	1.50	0.53	1.66	0.26	49.0	11.8	19	15.55	21.6
N815299		3.86	0.005	0.29	8.64	18.9	980	1.22	1.05	0.60	0.21	38.7	16.2	10	19.25	18.5
N815300		3.86	0.006	0.34	9.34	23.0	2010	1.41	1.19	0.54	0.34	35.9	14.8	10	23.0	18.8
N815301		4.44	0.008	0.32	9.49	29.1	1310	1.23	1.32	1.28	0.25	40.9	16.8	12	24.3	28.1
N815302		4.00	0.069	1.43	9.58	65.9	2660	1.36	2.55	0.41	0.64	44.6	18.9	10	27.7	84.2
N815303		3.81	0.007	0.38	9.15	40.3	2430	1.33	0.96	1.51	0.75	41.9	17.0	15	18.50	29.2
N815304		4.73	0.019	0.71	9.29	72.8	1780	1.30	1.52	1.06	0.54	35.1	15.5	11	23.5	38.6
N815305		4.11	<0.005	0.49	8.80	9.9	1190	1.13	1.19	1.65	0.44	33.7	15.4	9	16.60	28.1
N815306		4.91	0.005	0.57	10.10	35.3	1040	1.51	0.69	0.39	0.80	38.8	19.9	10	21.5	55.9
N815307		3.82	<0.005	0.21	8.77	23.7	1480	1.16	0.90	1.45	0.61	42.7	12.9	16	16.20	21.3
N815308		3.85	<0.005	0.14	8.62	35.1	1030	1.50	0.84	1.26	1.62	60.2	12.2	35	14.55	24.2
N815309		3.34	<0.005	0.48	9.24	19.9	1760	1.51	1.32	1.02	1.23	45.3	21.3	138	23.3	47.5
N815310		4.28	<0.005	0.40	9.05	11.8	1660	1.11	0.72	2.45	1.20	36.6	20.8	65	12.75	38.2
N815311		3.18	<0.005	0.24	8.85	6.3	670	0.96	0.48	2.88	0.69	33.6	18.6	11	8.13	37.0
N815312		4.14	0.029	0.55	9.28	93.7	3640	1.25	0.59	0.44	1.41	37.6	21.1	9	19.85	41.2
N815313		3.58	0.022	0.26	8.84	79.7	510	1.19	0.37	0.91	0.45	41.5	15.8	8	15.50	44.5
N815314		3.53	0.052	1.01	8.37	197.5	1080	1.39	1.14	0.29	0.57	37.4	16.7	15	16.85	48.4
N815315		4.31	<0.005	0.32	9.80	30.9	740	1.52	1.09	0.32	0.81	36.1	18.5	8	18.85	40.7
N815316		2.78	0.026	0.81	8.94	134.5	640	1.29	1.28	0.83	2.88	41.4	17.9	7	29.5	32.3
N815317		2.24	<0.005	0.01	0.12	<5	20	0.05	0.03	21.2	0.06	1.54	1.4	1	0.29	1.5
N815318		5.51	<0.005	0.18	9.20	12.4	750	1.22	0.43	1.91	0.31	27.9	16.8	9	16.80	28.9
N815319		4.24	<0.005	0.19	8.79	3.6	900	1.14	0.50	2.57	0.14	35.3	12.6	8	9.50	18.2
N815320		3.62	<0.005	0.26	8.58	4.6	950	1.03	0.31	1.99	0.38	49.2	12.9	8	9.72	23.5
N815321		3.99	<0.005	0.17	9.16	4.7	850	1.06	0.28	1.65	0.39	44.5	14.4	7	12.15	27.3
N815322		0.23	0.264	97.9	5.38	232	570	0.59	5.13	1.39	23.9	17.80	11.1	60	0.89	5830
N815323		4.05	0.006	0.50	9.42	7.4	1980	1.41	0.79	0.95	0.49	54.6	15.2	7	11.50	33.7





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Plus Appendix Pages  
Finalized Date: 23-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179921**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815288		4.91	20.2	0.23	1.9	0.141	2.00	29.3	53.1	0.45	1060	7.09	0.29	8.6	6.9	950
N815289		4.73	20.6	0.23	2.0	0.151	2.12	29.9	48.6	0.58	752	3.98	0.38	9.3	6.4	970
N815290		3.69	19.50	0.23	2.0	0.111	2.91	23.9	330	0.27	1920	3.96	0.07	8.8	6.4	830
N815291		4.95	17.20	0.25	1.9	0.097	3.17	31.1	57.2	0.26	3890	14.60	0.11	7.7	5.9	860
N815292		2.30	16.70	0.19	2.2	0.071	2.58	27.5	394	0.25	1420	11.70	0.06	8.3	3.5	780
N815293		2.65	18.50	0.11	3.0	0.050	2.57	26.3	42.4	0.32	1080	2.76	0.20	9.5	3.9	820
N815294		4.36	20.1	0.15	3.2	0.064	1.44	20.5	36.5	1.09	822	1.40	0.87	9.3	9.4	900
N815295		2.79	17.65	0.18	2.6	0.049	1.92	22.2	83.5	0.42	929	1.69	0.11	9.4	4.9	960
N815296		3.45	18.50	0.14	2.1	0.061	2.12	19.2	42.4	0.47	1370	2.54	0.10	8.7	4.6	950
N815297		4.12	18.90	0.18	2.5	0.105	1.72	29.2	94.5	0.22	1720	5.25	0.06	8.5	6.0	1010
N815298		4.28	17.35	0.13	2.1	0.063	1.38	21.6	31.6	0.96	1260	1.66	1.14	7.4	5.7	940
N815299		5.15	18.30	0.15	2.0	0.101	1.44	18.1	39.1	0.88	1330	2.14	0.62	5.1	4.0	770
N815300		5.67	17.75	0.12	1.5	0.063	1.82	17.5	46.6	0.74	1220	2.53	0.37	4.3	4.1	790
N815301		5.07	21.1	0.19	1.8	0.084	1.53	21.3	32.9	0.90	1210	3.38	1.08	5.5	5.4	690
N815302		4.05	21.1	0.13	2.6	0.111	1.44	23.3	50.6	0.32	1610	32.2	0.15	5.7	5.9	780
N815303		4.77	20.1	0.18	2.1	0.097	1.50	21.3	38.1	0.76	1480	2.93	0.97	6.3	7.1	700
N815304		4.85	19.90	0.16	2.1	0.104	1.55	18.5	37.3	0.65	1540	6.81	0.68	5.5	5.8	720
N815305		5.11	19.00	0.18	2.3	0.083	1.30	16.7	30.1	1.41	1290	1.79	1.24	5.4	5.0	690
N815306		4.24	18.95	0.12	1.8	0.105	0.88	19.9	76.4	0.27	1800	5.84	0.10	5.6	5.7	840
N815307		4.27	18.55	0.18	2.1	0.064	1.39	21.1	29.3	1.14	1320	1.90	1.10	7.2	7.1	730
N815308		3.81	19.00	0.18	3.3	0.070	1.99	31.7	28.3	0.72	1200	2.06	1.20	9.7	15.8	1180
N815309		4.71	19.60	0.16	2.6	0.093	1.91	23.6	28.0	1.08	1280	2.46	1.05	8.5	42.8	1010
N815310		5.32	19.90	0.18	1.8	0.076	1.19	18.4	25.9	1.63	1940	2.01	1.54	6.1	24.6	790
N815311		4.96	19.60	0.19	1.7	0.062	0.80	16.0	20.0	1.61	1790	1.25	2.05	5.5	7.0	680
N815312		4.01	21.4	0.13	2.3	0.067	1.33	20.1	58.7	0.26	2830	3.78	0.12	5.6	7.2	730
N815313		4.12	19.75	0.15	2.0	0.047	1.21	23.4	42.3	0.68	1520	7.62	0.56	6.5	5.5	710
N815314		4.46	19.00	0.14	2.3	0.064	2.35	20.7	36.9	0.23	2920	12.80	0.09	6.1	7.7	720
N815315		5.58	18.35	0.13	1.6	0.077	2.28	17.9	34.3	0.25	2000	7.58	0.05	5.0	6.1	760
N815316		4.30	21.0	0.17	2.7	0.101	2.65	21.5	20.6	0.37	3320	6.12	0.09	6.2	5.1	690
N815317		0.49	0.44	0.30	<0.1	<0.005	0.04	0.7	1.0	12.50	230	0.14	0.01	0.5	<0.2	200
N815318		4.92	17.15	0.09	1.3	0.051	1.57	13.4	28.8	1.02	1470	2.05	1.10	4.5	4.9	740
N815319		4.29	17.05	0.14	2.3	0.053	1.22	16.4	20.3	1.45	1400	0.69	1.79	5.6	3.7	730
N815320		4.20	19.90	0.20	3.2	0.073	1.59	28.5	21.1	1.35	1390	2.68	2.28	6.4	4.1	690
N815321		4.77	21.1	0.19	3.0	0.050	1.27	23.0	22.7	1.80	1420	2.02	1.82	6.3	4.7	710
N815322		5.59	12.40	0.11	1.5	0.441	1.07	8.7	11.2	1.06	1670	20.7	1.55	3.3	27.7	430
N815323		4.59	20.5	0.19	2.7	0.055	2.63	29.0	24.2	0.89	1540	4.88	0.62	7.0	4.1	770



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Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179921**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N815288		29.4	115.5	<0.002	0.03	23.1	17.4	2	1.7	67.2	0.55	0.25	9.0	0.422	3.0
N815289		20.6	133.5	<0.002	0.05	12.10	16.0	2	2.3	56.1	0.57	0.31	9.3	0.412	2.9
N815290		20.3	179.5	<0.002	0.03	23.8	14.3	2	1.6	55.7	0.55	0.10	7.4	0.380	3.1
N815291		38.8	178.0	<0.002	0.18	66.5	12.0	2	1.1	163.0	0.47	0.13	9.0	0.291	3.7
N815292		18.7	151.0	<0.002	0.01	19.55	6.0	1	1.0	58.4	0.56	0.07	8.6	0.204	2.6
N815293		18.5	152.5	<0.002	0.01	21.9	7.6	1	1.0	42.6	0.66	<0.05	9.2	0.246	2.7
N815294		20.5	85.3	<0.002	0.01	10.55	13.7	1	1.6	145.5	0.63	<0.05	8.9	0.380	2.3
N815295		24.1	91.5	0.002	0.01	13.90	8.0	1	1.3	60.3	0.71	0.05	9.8	0.294	2.1
N815296		32.9	129.0	0.003	0.01	16.15	11.9	1	1.4	42.3	0.60	0.08	8.7	0.381	2.0
N815297		39.9	119.5	0.004	0.02	23.8	14.1	1	2.2	34.2	0.62	0.08	8.8	0.419	3.0
N815298		26.3	72.1	0.003	0.07	6.89	13.2	1	1.2	236	0.54	0.10	7.9	0.374	2.0
N815299		39.6	85.3	<0.002	0.34	7.27	16.0	2	1.3	134.0	0.34	0.74	6.4	0.275	1.8
N815300		30.3	109.0	0.005	0.26	10.60	17.8	1	1.1	122.5	0.31	0.65	5.8	0.351	1.6
N815301		34.6	94.0	<0.002	0.36	6.85	20.2	2	1.5	223	0.36	0.39	6.4	0.375	1.9
N815302		117.0	87.1	<0.002	0.29	39.8	16.9	2	4.0	171.5	0.39	0.19	7.3	0.370	2.5
N815303		39.1	85.0	<0.002	0.21	10.45	19.2	2	1.5	277	0.42	0.26	7.1	0.390	2.1
N815304		53.7	98.5	<0.002	0.18	14.90	18.8	2	1.7	217	0.37	0.18	5.8	0.387	2.0
N815305		55.5	67.8	<0.002	0.15	5.48	18.3	2	1.2	271	0.34	0.18	5.2	0.373	1.6
N815306		88.4	56.1	0.005	0.11	42.6	18.7	1	1.6	106.0	0.39	0.13	5.3	0.461	1.9
N815307		35.8	73.9	<0.002	0.08	5.66	13.2	2	1.3	238	0.48	0.09	7.2	0.346	0.93
N815308		29.9	80.6	<0.002	0.05	7.71	11.9	2	1.4	239	0.60	0.06	8.3	0.430	1.05
N815309		68.1	119.5	<0.002	0.50	7.72	19.8	2	1.3	217	0.56	0.16	6.8	0.402	1.35
N815310		35.7	61.4	<0.002	0.40	4.81	20.9	2	1.0	369	0.38	0.11	4.9	0.406	0.94
N815311		22.9	37.4	<0.002	0.14	2.85	19.2	2	1.0	434	0.35	0.07	4.6	0.386	0.62
N815312		34.1	88.4	<0.002	0.40	14.75	19.8	2	1.1	114.0	0.37	0.16	5.3	0.408	2.47
N815313		20.7	78.8	<0.002	0.09	11.20	16.4	2	1.2	148.5	0.43	<0.05	6.8	0.362	2.01
N815314		39.6	145.0	<0.002	0.15	31.6	17.2	2	1.1	112.0	0.38	0.10	5.4	0.371	2.56
N815315		32.9	153.0	0.003	0.19	16.70	18.7	1	1.1	41.2	0.37	0.16	5.2	0.432	2.76
N815316		75.0	170.5	<0.002	0.49	15.25	16.9	2	1.1	50.0	0.42	0.12	7.0	0.377	2.80
N815317		1.4	1.9	<0.002	0.01	0.14	0.4	1	<0.2	43.4	<0.05	<0.05	<0.2	<0.005	0.02
N815318		18.4	77.6	0.004	0.09	6.03	15.9	1	1.0	208	0.32	0.11	4.1	0.403	1.56
N815319		24.7	44.7	0.005	0.05	1.81	12.9	2	0.9	353	0.42	0.05	5.7	0.363	0.64
N815320		61.4	79.9	<0.002	0.35	3.75	14.4	2	0.9	397	0.43	0.14	8.5	0.333	0.67
N815321		48.2	71.6	<0.002	0.21	5.00	16.1	2	1.0	298	0.42	0.12	7.6	0.356	0.65
N815322		9550	25.7	0.009	2.26	422	11.3	3	1.9	187.0	0.21	0.99	1.9	0.230	0.46
N815323		37.3	132.0	<0.002	1.09	22.3	15.6	2	1.3	154.5	0.50	0.28	9.7	0.330	1.35



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 Finalized Date: 23-AUG-2012  
 Account: ROCKHA

Project: Klaza TR-12-37

**CERTIFICATE OF ANALYSIS WH12179921**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N815288		136	7.1	21.5	91	78.1
N815289		128	7.4	20.4	64	86.0
N815290		117	5.7	16.2	83	82.0
N815291		88	10.6	25.3	321	82.9
N815292		48	3.5	15.3	75	89.9
N815293		52	4.6	18.5	72	95.9
N815294		109	4.5	17.3	94	105.5
N815295		64	5.1	15.6	73	80.5
N815296		112	3.7	14.8	127	78.2
N815297		127	4.7	20.6	172	85.7
N815298		115	2.6	16.9	101	78.8
N815299		134	3.3	16.9	96	65.2
N815300		166	3.0	15.5	98	49.1
N815301		170	2.8	20.0	108	61.2
N815302		142	12.8	18.8	244	83.9
N815303		156	3.7	18.6	125	68.7
N815304		155	4.5	18.5	173	69.3
N815305		140	2.8	18.6	145	75.9
N815306		164	34.0	21.3	168	55.7
N815307		110	2.2	16.7	114	66.4
N815308		113	2.5	18.6	139	112.0
N815309		150	2.9	20.8	161	80.9
N815310		157	3.8	21.3	171	55.2
N815311		153	2.1	19.5	119	55.7
N815312		161	6.9	24.8	107	73.9
N815313		128	5.9	20.0	95	66.1
N815314		129	5.0	19.5	132	75.0
N815315		163	2.5	18.2	199	52.5
N815316		137	2.7	20.2	348	86.4
N815317		2	0.1	1.0	15	0.8
N815318		155	1.5	15.2	120	42.4
N815319		120	1.9	16.4	102	77.0
N815320		114	1.7	23.3	121	103.0
N815321		126	1.2	21.5	131	98.9
N815322		78	0.6	13.4	5150	44.3
N815323		120	1.8	22.5	116	87.4



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Project: Klaza TR-12-37

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**CERTIFICATE OF ANALYSIS WH12179921**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12179922**

Project: Klaza-91

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12179922**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810844		0.26	4.27	>100	5.26	7900	120	1.01	57.8	1.92	217	29.7	8.3	17	11.15	1230
N810845		3.25	<0.005	0.16	7.57	9.3	1820	1.37	0.25	2.59	0.16	46.5	6.8	15	10.15	2.7
N810846		3.19	<0.005	0.06	7.51	9.8	1820	1.54	0.30	2.96	0.15	43.5	13.9	13	10.60	3.2
N810847		5.55	<0.005	0.03	7.35	6.4	1810	1.35	0.16	2.58	0.12	57.7	7.8	11	10.55	3.6
N810848		4.46	<0.005	0.02	8.14	6.3	1840	1.20	0.16	1.36	0.15	61.4	8.8	9	13.00	4.6
N810849		3.57	0.048	1.10	6.73	72.5	820	1.52	0.29	3.15	3.77	46.3	13.7	7	15.65	4.7
N810850		2.83	0.005	0.20	6.96	13.6	1560	1.52	0.36	2.61	0.30	42.0	14.5	8	16.20	6.2
N812301		4.20	<0.005	0.11	7.02	8.9	2010	1.56	0.35	2.91	0.09	40.3	14.9	11	20.8	4.2
N812302		4.96	<0.005	0.07	7.62	3.9	1990	1.69	0.16	2.86	0.07	50.3	10.1	14	14.85	7.4
N812303		<0.02	<0.005	0.08	7.47	3.9	1950	1.73	0.15	2.80	0.08	46.9	10.0	11	14.40	10.5
N812304		6.00	<0.005	0.14	7.37	6.3	1910	1.59	0.15	2.94	0.11	43.8	9.3	11	18.30	12.0
N812305		4.80	<0.005	0.17	7.24	6.0	1830	1.53	0.14	2.89	0.09	39.9	8.6	12	19.90	9.5
N812306		4.84	<0.005	0.16	7.42	6.4	1910	1.71	0.19	2.99	0.08	44.2	10.4	13	20.3	15.1
N812307		0.26	4.27	>100	5.46	6710	290	1.26	56.8	2.00	222	32.9	10.9	17	11.00	1290
N812308		4.66	<0.005	0.12	8.00	3.3	2150	1.55	0.11	2.97	0.11	39.9	8.7	12	8.88	8.8
N812309		5.42	<0.005	0.09	7.79	5.7	2680	1.53	0.17	2.25	0.12	42.5	8.5	10	19.40	9.0
N812310		5.19	0.008	0.27	7.90	9.6	3390	1.38	1.17	1.77	0.25	55.6	15.2	11	12.70	3.6
N812311		3.63	0.024	0.66	7.71	30.4	2750	1.29	1.94	1.93	0.54	55.9	48.5	9	13.60	2.6
N812312		3.17	<0.005	0.29	8.14	8.6	2730	1.31	0.63	1.48	0.23	53.6	13.0	10	10.90	8.9
N812313		7.98	<0.005	0.11	7.84	7.4	2110	1.73	0.30	2.84	0.10	48.3	11.0	14	9.04	9.5
N812314		4.81	0.729	19.50	5.34	423	200	1.12	26.0	1.17	4.72	40.6	34.0	12	7.60	1025
N812315		5.41	<0.005	0.16	7.61	8.7	1810	1.59	0.32	2.81	0.20	44.7	9.6	11	14.10	6.8
N812316		4.98	<0.005	0.04	0.09	<5	20	0.10	0.06	21.5	0.06	1.16	1.7	1	0.15	3.6
N812317		3.17	<0.005	0.70	7.11	38.6	650	1.94	0.23	3.22	1.35	59.4	6.8	14	19.70	10.8
N812318		3.82	0.089	8.50	7.07	316	900	2.22	0.33	3.29	12.95	59.6	10.1	16	20.3	87.4
N812319		4.56	<0.005	0.21	7.56	16.8	670	1.99	0.22	2.78	0.26	71.1	5.5	12	21.6	2.5
N812320		2.37	<0.005	0.20	7.29	20.5	580	1.95	0.19	2.47	0.25	70.1	5.8	12	22.6	2.7
N812321		7.49	<0.005	0.16	7.26	17.9	1300	1.99	0.14	2.39	0.25	70.1	5.1	12	23.5	2.5
N812322		3.77	0.163	7.77	5.87	495	340	1.17	6.01	1.27	21.5	42.1	19.2	9	6.66	98.6
N812323		4.04	<0.005	0.01	0.14	<5	30	0.09	0.02	21.0	0.07	1.21	1.9	3	0.86	1.9
N812324		2.41	0.091	2.44	6.76	285	500	1.39	1.06	1.42	4.72	45.5	16.9	9	9.77	14.8
N812325		3.73	<0.005	0.11	7.11	7.0	1820	1.26	0.22	0.97	0.10	47.7	6.5	9	11.25	6.4
N812326		4.90	<0.005	0.14	7.56	6.0	2140	1.20	0.18	1.82	0.17	47.6	5.9	8	14.75	6.6
N812327		7.27	<0.005	0.14	7.75	6.6	1950	1.33	0.21	1.55	0.23	50.9	8.8	10	11.90	8.5
N812328		3.31	<0.005	0.12	6.75	10.2	1700	1.39	0.15	2.44	0.20	41.8	7.5	8	15.65	9.4
N812329		3.52	0.011	0.28	6.90	34.9	2200	1.34	0.32	2.51	0.34	48.2	16.9	10	9.33	3.6



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Account: ROCKHA

Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12179922**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810844		7.93	12.90	0.12	1.1	4.81	2.21	15.9	25.7	0.60	2960	14.05	0.08	5.4	13.1	440
N810845		3.25	17.70	0.17	1.4	0.052	2.66	24.5	16.8	0.78	644	0.87	1.48	8.5	4.6	620
N810846		3.16	17.65	0.17	1.5	0.052	2.62	22.4	14.6	0.86	620	1.18	1.95	8.5	3.8	610
N810847		3.13	17.10	0.18	1.5	0.049	2.64	33.3	17.3	0.78	710	1.12	1.58	8.2	3.4	590
N810848		3.06	17.95	0.16	1.5	0.045	2.74	35.8	45.8	0.59	530	0.41	0.15	8.7	3.4	650
N810849		3.50	15.00	0.12	1.3	0.118	2.72	24.8	70.5	0.99	2120	0.47	0.04	7.1	2.9	500
N810850		2.89	15.80	0.13	1.6	0.043	2.30	20.1	227	0.81	971	0.54	0.05	8.0	3.2	570
N812301		2.91	16.80	0.15	1.7	0.045	2.74	18.8	17.4	0.71	652	0.52	1.62	8.5	3.6	570
N812302		3.13	16.50	0.16	1.7	0.034	2.64	25.0	14.7	0.79	638	0.65	2.16	8.7	3.6	580
N812303		3.01	15.75	0.17	1.6	0.031	2.60	23.3	13.7	0.77	614	0.56	2.12	8.3	3.4	570
N812304		3.28	15.90	0.15	1.5	0.043	2.70	21.3	65.2	0.89	825	0.45	0.91	8.6	4.2	610
N812305		3.16	15.80	0.14	1.5	0.045	2.66	19.3	27.5	0.81	870	0.77	1.72	8.1	3.8	570
N812306		3.16	15.60	0.17	1.5	0.039	2.67	21.7	16.1	0.83	792	0.84	1.87	8.2	3.5	600
N812307		8.29	13.35	0.23	1.2	4.17	2.28	16.3	35.2	0.63	3040	14.80	0.08	6.0	15.5	450
N812308		3.22	15.75	0.13	1.4	0.030	2.67	19.0	16.8	0.82	729	1.24	2.22	8.3	3.3	620
N812309		3.41	16.50	0.16	1.4	0.038	2.49	20.2	38.4	0.68	770	0.96	0.66	8.7	3.4	650
N812310		3.68	16.45	0.18	1.5	0.104	3.37	29.1	39.8	0.71	1060	1.21	0.06	8.6	3.5	640
N812311		4.40	15.30	0.22	1.7	0.102	4.45	29.0	37.9	0.98	1080	1.99	0.09	9.3	3.9	660
N812312		3.52	16.35	0.17	1.7	0.061	3.08	27.8	41.6	0.67	821	0.86	0.11	8.8	3.8	630
N812313		3.36	16.25	0.18	1.6	0.057	2.77	24.5	14.4	0.90	754	1.02	2.10	8.7	3.8	620
N812314		6.93	12.30	0.21	1.4	0.440	2.29	22.0	17.8	0.50	1920	2.73	0.03	6.1	3.7	440
N812315		3.61	15.95	0.17	1.5	0.052	2.75	21.8	15.8	0.87	817	0.94	1.69	8.5	3.7	620
N812316		0.48	0.36	0.08	<0.1	0.005	0.04	0.5	1.3	12.75	205	0.21	0.01	0.3	2.5	200
N812317		3.09	16.30	0.16	3.3	0.052	2.70	31.2	55.1	1.21	1610	1.78	0.04	9.3	5.9	960
N812318		2.73	16.10	0.18	3.1	0.067	2.40	31.4	88.8	1.24	947	9.83	0.03	9.3	6.7	950
N812319		2.63	16.90	0.20	2.7	0.022	1.99	36.3	114.5	1.00	958	1.12	0.05	11.7	3.8	880
N812320		2.48	16.60	0.17	2.7	0.021	2.05	35.2	108.0	0.88	920	1.24	0.05	11.8	4.0	850
N812321		2.47	17.00	0.19	2.8	0.023	2.39	35.0	173.5	0.85	900	0.95	0.05	11.9	3.5	860
N812322		5.69	14.30	0.20	1.3	0.381	2.51	21.9	43.2	0.58	1260	3.70	0.02	6.5	3.3	470
N812323		0.47	0.47	0.05	<0.1	<0.005	0.08	0.6	2.2	12.45	211	0.19	0.01	0.3	2.4	210
N812324		5.28	14.75	0.15	1.4	0.218	2.86	24.6	27.6	0.64	3570	1.19	0.02	6.9	3.2	520
N812325		3.96	14.15	0.15	1.5	0.062	2.74	24.4	43.0	0.68	514	0.68	0.12	7.8	2.7	580
N812326		3.65	14.70	0.16	1.5	0.080	2.86	24.5	34.0	0.84	1180	0.68	0.12	7.8	2.8	580
N812327		3.31	15.05	0.15	1.6	0.062	2.92	26.6	33.6	0.65	962	0.73	0.07	8.1	2.9	610
N812328		3.15	13.85	0.14	1.4	0.075	2.88	20.1	59.5	0.83	1460	0.80	0.05	7.5	3.0	580
N812329		3.82	13.90	0.17	1.3	0.147	3.21	26.0	36.5	0.86	1820	0.99	0.08	7.1	2.9	530



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Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12179922**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N810844		9200	116.5	<0.002	6.97	210	6.5	2	8.8	118.0	0.42	0.44	7.4	0.174	4.5
N810845		18.9	112.5	<0.002	0.03	4.07	12.6	1	1.6	314	0.61	<0.05	13.3	0.271	4.2
N810846		18.8	109.0	<0.002	0.05	2.96	12.6	1	1.6	370	0.62	<0.05	13.8	0.274	4.8
N810847		20.3	136.0	<0.002	0.05	3.81	13.2	1	1.5	329	0.63	<0.05	19.6	0.265	6.2
N810848		17.9	129.0	<0.002	0.03	11.60	13.4	1	1.5	146.5	0.69	<0.05	18.1	0.285	4.0
N810849		299	139.5	<0.002	1.25	15.75	10.8	2	2.2	186.0	0.65	0.06	14.2	0.222	5.1
N810850		24.9	76.2	<0.002	0.17	16.40	10.9	2	1.5	190.5	0.75	<0.05	13.9	0.244	3.9
N812301		20.5	94.0	<0.002	0.11	5.18	11.2	2	1.7	345	0.80	<0.05	13.0	0.257	4.2
N812302		18.2	100.5	<0.002	0.03	2.33	11.9	2	1.6	401	0.80	<0.05	15.8	0.262	4.4
N812303		17.9	96.0	<0.002	0.03	2.30	11.6	2	1.6	394	0.80	<0.05	15.5	0.255	4.3
N812304		17.4	90.2	<0.002	0.10	7.32	11.8	2	1.8	287	0.76	<0.05	13.7	0.270	4.3
N812305		19.8	88.2	<0.002	0.06	3.79	10.9	2	1.6	357	0.71	<0.05	12.5	0.255	3.5
N812306		17.9	96.2	<0.002	0.06	3.73	11.8	2	1.6	374	0.72	<0.05	13.0	0.265	3.8
N812307		9580	125.5	0.002	7.18	219	8.7	4	9.2	122.0	0.50	0.51	8.9	0.184	5.0
N812308		19.8	89.6	<0.002	0.02	2.44	11.9	2	1.6	436	0.70	<0.05	13.4	0.280	3.7
N812309		15.9	85.1	<0.002	0.09	12.50	13.3	2	1.6	236	0.72	<0.05	12.8	0.292	3.2
N812310		21.6	126.5	<0.002	0.30	11.20	13.4	2	2.6	148.0	0.71	0.09	14.7	0.285	3.5
N812311		32.2	160.0	<0.002	0.76	9.12	15.4	2	3.9	182.0	0.87	0.20	15.4	0.307	5.3
N812312		21.7	121.0	<0.002	0.18	12.75	13.4	2	2.4	147.0	0.81	0.06	16.0	0.279	5.3
N812313		19.4	109.0	<0.002	0.07	3.00	13.0	2	1.7	393	0.77	<0.05	14.9	0.277	4.6
N812314		423	130.5	0.002	5.98	46.1	8.7	3	8.7	95.6	0.57	1.99	10.8	0.187	4.4
N812315		22.1	99.7	<0.002	0.12	4.05	12.0	2	1.7	347	0.73	<0.05	13.4	0.274	4.4
N812316		2.0	1.7	<0.002	0.03	0.12	0.3	1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	0.8
N812317		89.5	146.5	<0.002	0.33	14.90	7.5	2	1.7	341	0.72	<0.05	10.6	0.275	6.6
N812318		1620	122.5	0.004	0.65	47.0	7.3	2	1.6	431	0.70	<0.05	10.2	0.273	7.1
N812319		26.9	74.1	<0.002	0.12	10.70	6.4	2	1.5	372	0.85	<0.05	11.8	0.260	6.1
N812320		26.2	76.6	<0.002	0.12	10.60	6.2	2	1.5	338	0.85	<0.05	11.4	0.253	6.1
N812321		22.6	89.6	<0.002	0.10	10.80	6.5	2	1.4	370	0.86	<0.05	11.5	0.250	6.1
N812322		596	143.0	<0.002	5.04	42.0	9.2	2	10.9	97.1	0.56	0.20	10.8	0.200	7.6
N812323		1.6	4.9	<0.002	0.01	0.09	0.4	1	<0.2	39.9	<0.05	<0.05	<0.2	0.006	0.6
N812324		456	170.5	<0.002	2.70	14.15	10.2	1	5.4	66.0	0.67	<0.05	13.2	0.223	5.4
N812325		14.2	114.5	<0.002	0.05	9.89	11.2	1	1.7	108.5	0.73	<0.05	14.5	0.264	3.6
N812326		19.5	111.0	<0.002	0.05	9.66	11.2	2	2.1	133.5	0.73	<0.05	14.3	0.260	3.7
N812327		24.4	122.0	<0.002	0.09	11.05	12.1	2	1.8	123.0	0.75	<0.05	15.2	0.272	3.4
N812328		15.6	99.0	<0.002	0.14	10.75	10.6	1	1.6	153.5	0.63	<0.05	11.7	0.256	3.0
N812329		32.2	157.0	0.002	0.58	6.10	10.6	2	4.8	135.5	0.63	0.05	14.5	0.232	4.3





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 Account: ROCKHA

Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12179922**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N810844		51	4.7	8.5	>10000	28.1	117	1.595
N810845		76	2.1	17.9	54	31.5		
N810846		78	1.9	17.8	50	33.6		
N810847		75	2.1	20.0	50	34.0		
N810848		80	9.8	17.9	61	34.2		
N810849		65	3.2	14.7	339	30.7		
N810850		69	4.6	14.5	75	38.9		
N812301		74	1.7	15.2	48	41.5		
N812302		73	0.9	16.3	49	39.9		
N812303		72	0.9	15.2	48	37.6		
N812304		78	2.4	15.0	57	37.1		
N812305		72	1.5	13.7	58	34.7		
N812306		76	1.3	15.0	53	33.9		
N812307		54	5.0	9.4	>10000	34.7	120	1.655
N812308		79	1.5	14.5	76	32.6		
N812309		83	4.8	16.3	64	34.4		
N812310		80	9.1	15.2	73	35.7		
N812311		92	6.7	14.2	98	37.3		
N812312		80	8.0	16.1	75	40.1		
N812313		78	2.1	16.5	61	39.1		
N812314		55	5.4	9.6	474	36.3		
N812315		79	1.9	15.1	71	37.6		
N812316		2	0.1	0.8	15	<0.5		
N812317		62	3.1	13.6	181	116.0		
N812318		62	3.4	12.4	1020	114.0		
N812319		52	2.5	13.4	87	88.1		
N812320		50	2.3	13.2	84	87.4		
N812321		49	2.0	12.9	83	89.0		
N812322		57	5.5	7.6	2110	33.7		
N812323		4	0.2	0.7	15	<0.5		
N812324		64	4.5	11.3	453	32.6		
N812325		77	4.7	14.9	46	36.6		
N812326		76	4.7	15.3	60	35.2		
N812327		77	6.2	15.0	64	37.3		
N812328		75	4.4	13.0	63	33.6		
N812329		67	3.6	12.1	69	32.2		



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**CERTIFICATE OF ANALYSIS WH12179922**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12179923**

Project: Klaza - 95

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12179923**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811200		2.17	<0.005	0.15	7.32	6.1	1320	1.33	0.30	1.86	0.18	48.3	4.2	10	13.25	9.4
N811201		4.01	<0.005	0.17	6.92	13.0	1750	1.45	0.13	2.36	0.12	39.6	6.6	10	17.05	7.6
N811202		2.73	<0.005	0.24	7.25	9.8	1750	1.44	0.24	1.91	0.89	48.4	5.7	10	14.90	18.5
N811203		8.12	<0.005	0.12	7.39	5.3	2030	1.65	0.15	2.55	0.07	49.9	7.8	18	9.22	8.4
N811204		7.25	<0.005	0.12	7.44	4.4	2100	1.53	0.13	2.54	0.07	49.1	6.5	13	7.61	9.5
N811205		3.09	0.016	0.83	7.49	40.3	2620	1.35	0.69	1.55	2.28	51.1	7.5	11	11.90	29.5
N811206		2.68	<0.005	0.16	7.29	6.7	1990	1.33	0.69	2.56	0.08	45.2	5.3	13	8.35	6.0
N811207		5.04	<0.005	0.21	6.84	12.0	1830	1.37	0.71	2.44	0.08	45.3	8.1	14	7.54	9.7
N811208		0.21	2.42	24.7	5.73	2790	1240	1.31	19.65	2.16	75.4	41.2	10.0	18	13.65	425
N811209		2.67	0.009	0.25	7.05	18.7	1810	1.46	0.40	2.29	0.33	44.6	5.6	12	9.30	7.9
N811210		3.03	<0.005	0.08	7.33	3.4	2000	1.55	0.12	2.54	0.07	48.8	6.9	13	9.72	8.1
N811211		1.07	<0.005	0.06	7.64	3.8	2060	1.82	0.14	2.66	0.08	51.5	7.3	12	10.35	9.3
N811212		3.74	<0.005	0.43	7.40	12.3	1630	1.52	4.08	2.35	0.13	54.2	5.5	10	11.50	6.9
N811213		2.25	0.041	2.14	7.07	74.8	1310	1.72	3.71	3.13	0.99	74.5	14.1	8	14.50	33.3
N811214		4.96	0.010	0.63	6.91	43.6	1710	1.37	0.61	2.59	3.32	42.5	5.4	9	11.15	29.7
N811215		3.05	0.007	0.80	7.41	49.9	2120	1.48	0.31	2.87	3.42	49.4	6.6	9	13.15	36.2
N811216		3.80	<0.005	0.13	7.09	8.8	2060	1.54	0.10	2.92	0.16	44.1	6.1	14	15.10	11.2
N811217		2.70	<0.005	0.22	7.18	28.2	1820	1.50	0.17	2.92	0.16	40.2	6.9	12	16.05	26.1
N811218		5.11	0.062	4.74	6.99	280	1460	1.39	0.94	2.16	11.30	49.4	9.3	10	15.85	21.2
N811219		3.16	<0.005	0.04	0.08	<5	40	0.07	0.05	21.1	0.08	1.27	0.6	2	0.20	3.2
N811220		2.26	<0.005	0.14	7.37	6.3	2100	1.77	0.23	2.83	0.14	45.7	6.5	12	10.25	9.9
N811221		4.77	0.009	0.39	7.05	29.8	1700	1.40	0.48	1.81	0.63	42.9	6.8	9	17.25	22.2
N811222		2.66	0.008	0.36	7.02	26.9	1810	1.79	0.37	2.18	0.46	43.5	8.0	10	15.20	24.8
N811223		4.18	0.005	0.18	7.55	6.4	2160	1.50	0.20	2.74	0.21	50.6	7.1	14	8.74	7.9
N811224		<0.02	0.005	0.18	7.41	7.3	2150	1.61	0.23	2.75	0.19	49.9	10.4	16	8.92	10.4
N811225		4.48	0.026	1.05	7.17	37.7	2110	1.41	0.47	2.85	20.4	49.0	5.8	16	12.50	13.4
N811226		2.45	0.005	0.19	7.14	10.0	2260	1.48	0.39	2.53	0.39	50.2	5.8	11	10.55	13.2
N811227		0.22	2.30	25.0	5.93	2860	810	1.27	20.6	2.27	77.3	42.5	10.4	20	13.75	434
N811228		7.83	<0.005	0.24	7.36	13.3	2300	1.64	0.32	2.61	0.40	46.4	7.0	13	8.20	5.5
N811229		4.00	0.006	0.39	7.46	20.5	1860	1.62	0.43	2.16	0.57	52.3	6.1	10	15.90	6.0
N811230		2.67	0.008	0.25	7.24	18.1	1500	1.30	0.48	2.61	0.21	43.9	8.5	10	21.4	6.4
N811231		4.51	0.010	0.59	6.54	23.5	1500	1.52	1.06	3.00	0.22	54.2	11.8	10	20.2	7.2
N811232		3.66	<0.005	0.02	0.07	<5	20	0.07	0.03	21.8	0.07	1.38	0.6	1	0.18	1.5
N811233		2.60	<0.005	0.16	6.06	15.8	3010	1.45	0.52	3.86	0.15	45.2	8.1	8	20.1	4.2
N811234		2.77	<0.005	0.09	7.37	7.4	2050	1.50	0.20	2.45	0.08	39.1	5.9	10	12.75	5.5
N811235		4.32	0.005	0.12	7.18	13.0	2120	1.56	0.20	2.51	0.11	45.9	6.2	12	9.03	10.7



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Account: ROCKHA

Project: Klaza - 95

**CERTIFICATE OF ANALYSIS WH12179923**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811200		2.93	14.50	0.13	1.0	0.098	2.11	24.9	20.7	0.67	1120	0.65	0.76	7.8	2.8	580
N811201		2.93	14.20	0.14	1.0	0.042	2.55	19.7	32.7	0.66	902	2.85	1.18	7.6	3.0	570
N811202		2.91	14.15	0.15	1.0	0.060	2.51	25.2	21.4	0.65	792	0.64	1.41	7.7	2.8	570
N811203		2.92	14.55	0.17	1.0	0.040	2.57	25.6	13.9	0.80	851	0.79	2.16	7.9	3.2	590
N811204		3.01	15.10	0.17	1.1	0.047	2.62	24.8	13.1	0.75	713	0.77	2.20	8.3	3.3	610
N811205		3.57	16.25	0.09	0.8	0.067	2.61	29.4	20.8	0.61	1490	0.84	0.22	7.3	3.3	560
N811206		2.93	15.25	0.09	1.0	0.072	2.04	24.0	11.7	0.71	920	0.87	2.01	7.0	3.1	580
N811207		2.94	14.85	0.09	0.9	0.057	2.24	23.4	10.4	0.75	878	0.74	2.04	6.9	3.1	560
N811208		6.46	14.00	0.09	0.9	1.580	2.49	23.9	23.1	0.88	1820	12.40	0.03	5.6	15.4	420
N811209		2.97	15.85	0.09	0.9	0.053	2.57	23.3	14.2	0.59	834	1.44	1.23	7.2	2.8	560
N811210		2.98	16.00	0.11	1.0	0.045	2.56	25.1	11.4	0.78	528	2.17	2.23	7.9	2.9	610
N811211		3.14	17.10	0.11	1.1	0.053	2.58	28.2	12.1	0.82	563	6.51	2.27	8.3	3.2	630
N811212		3.17	17.45	0.12	1.1	0.129	2.45	29.1	22.5	0.64	817	1.36	0.91	8.2	3.2	580
N811213		3.44	17.45	0.14	1.1	0.248	2.55	44.7	27.9	0.65	1850	1.19	0.08	6.8	3.6	530
N811214		3.09	15.90	0.11	1.0	0.094	2.46	21.8	44.7	0.58	975	0.89	0.19	7.4	2.9	570
N811215		3.57	16.35	0.14	1.0	0.121	3.21	26.7	21.4	0.62	2030	1.09	0.22	7.4	3.0	570
N811216		2.80	15.15	0.11	1.0	0.049	2.61	23.9	14.0	0.64	785	0.90	1.65	7.2	2.7	580
N811217		2.94	14.90	0.11	1.0	0.037	2.60	19.8	19.1	0.81	1020	1.61	1.26	7.1	2.7	590
N811218		4.57	14.80	0.14	1.0	0.258	2.79	31.1	28.2	0.89	2860	0.97	0.04	6.3	3.2	530
N811219		0.45	0.24	0.10	<0.1	0.007	0.03	0.6	1.1	12.50	206	0.34	0.01	0.2	2.0	170
N811220		3.03	16.20	0.15	1.2	0.050	2.70	22.7	11.0	0.81	761	1.50	2.10	8.3	3.0	590
N811221		3.00	15.30	0.13	1.1	0.075	2.60	22.1	29.2	0.58	1250	1.08	0.21	7.9	3.5	570
N811222		2.98	16.15	0.13	1.1	0.072	2.64	22.9	17.0	0.58	1160	1.05	1.13	8.0	3.0	540
N811223		3.11	16.00	0.12	1.0	0.077	2.52	27.7	11.0	0.83	1020	1.04	2.07	7.5	3.3	610
N811224		3.16	16.25	0.10	1.0	0.078	2.56	25.7	11.6	0.84	1020	0.93	2.09	7.7	3.9	630
N811225		3.99	15.25	0.11	0.8	0.430	2.64	28.2	15.9	0.98	1960	0.51	1.12	6.5	2.8	560
N811226		2.93	15.85	0.11	0.8	0.089	2.37	27.9	14.8	0.75	906	0.73	2.02	7.1	3.0	550
N811227		6.80	14.15	0.14	0.9	1.590	2.55	24.8	23.2	0.92	1900	12.10	0.03	5.7	15.3	430
N811228		3.00	15.85	0.10	1.0	0.043	2.52	24.3	13.9	0.82	755	0.78	2.13	7.4	3.0	600
N811229		3.07	15.50	0.10	1.1	0.125	2.72	30.9	24.4	0.56	1380	0.98	0.85	7.2	2.6	550
N811230		2.63	15.70	0.10	1.0	0.044	2.54	23.5	33.9	0.52	702	0.90	1.15	7.4	2.7	600
N811231		3.46	14.65	0.10	1.0	0.058	1.88	30.4	13.1	0.76	1060	1.12	1.42	6.6	3.4	490
N811232		0.48	0.21	0.08	<0.1	0.006	0.03	0.7	1.0	12.80	198	0.24	0.01	0.2	1.7	190
N811233		3.19	14.50	0.11	0.9	0.104	1.72	23.5	18.4	0.60	1080	2.11	1.50	6.8	2.7	530
N811234		2.81	16.25	0.10	1.0	0.062	2.49	19.5	24.6	0.47	648	3.09	1.54	7.5	3.1	590
N811235		2.93	16.30	0.10	1.0	0.050	2.54	23.9	14.3	0.66	599	2.48	1.99	7.4	3.1	590



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**CERTIFICATE OF ANALYSIS WH12179923**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811200		10.6	100.5	<0.002	0.09	9.47	11.0	2	4.3	110.0	0.65	<0.05	13.6	0.254	1.52	3.9
N811201		15.9	82.2	<0.002	0.13	10.45	10.1	2	1.9	238	0.62	<0.05	10.9	0.243	1.19	2.5
N811202		33.9	97.9	<0.002	0.13	9.43	10.6	2	2.2	225	0.66	<0.05	14.0	0.245	1.28	3.4
N811203		14.9	92.6	<0.002	0.09	1.61	11.2	2	1.8	351	0.66	<0.05	14.0	0.249	1.09	3.4
N811204		14.4	89.7	<0.002	0.04	2.67	11.3	2	1.9	353	0.71	<0.05	14.5	0.257	1.12	3.2
N811205		160.5	147.5	<0.002	0.67	21.2	10.9	1	2.0	76.7	0.61	0.05	14.8	0.240	1.71	4.6
N811206		14.4	85.5	<0.002	0.07	3.31	10.1	1	2.1	329	0.59	0.17	13.5	0.242	1.19	3.5
N811207		15.8	84.9	<0.002	0.22	2.05	9.1	1	1.7	314	0.55	0.25	12.7	0.236	1.13	3.3
N811208		2660	155.0	<0.002	4.66	89.2	8.0	1	7.7	88.3	0.48	0.40	10.7	0.173	2.31	5.3
N811209		25.0	103.0	<0.002	0.16	5.32	9.9	1	1.5	232	0.60	<0.05	13.4	0.243	1.37	3.1
N811210		16.2	96.5	<0.002	0.01	1.63	10.4	1	1.6	379	0.66	<0.05	14.8	0.258	1.03	3.2
N811211		16.2	104.5	<0.002	0.01	1.74	11.9	1	2.0	389	0.69	<0.05	15.9	0.265	1.04	3.8
N811212		19.2	104.0	0.002	0.08	7.39	11.0	1	2.9	139.5	0.69	2.21	14.0	0.263	1.39	4.1
N811213		118.5	160.5	<0.002	0.72	23.2	10.4	2	3.9	66.0	0.57	1.11	14.8	0.219	2.11	7.5
N811214		158.5	97.7	<0.002	0.41	10.20	9.4	1	2.6	115.0	0.63	0.13	12.5	0.242	1.56	3.4
N811215		161.0	161.0	<0.002	0.55	6.82	10.3	1	4.6	121.0	0.57	<0.05	13.6	0.249	2.27	4.0
N811216		19.5	99.7	<0.002	0.02	3.18	9.7	1	1.9	298	0.63	<0.05	12.8	0.246	1.20	2.9
N811217		19.8	98.1	<0.002	0.13	8.21	9.4	1	4.0	249	0.64	0.05	12.5	0.251	1.42	4.8
N811218		1270	154.5	<0.002	1.44	15.40	9.1	2	3.0	62.5	0.55	0.07	15.5	0.219	2.47	6.2
N811219		4.8	1.5	<0.002	0.01	0.12	0.2	1	0.3	46.5	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N811220		19.4	103.0	<0.002	0.04	2.54	10.0	1	2.1	364	0.83	<0.05	13.1	0.260	1.27	4.1
N811221		37.9	115.0	<0.002	0.22	17.00	9.4	1	2.7	96.2	0.83	<0.05	13.1	0.239	1.71	4.2
N811222		41.1	118.5	<0.002	0.27	8.85	10.1	1	2.5	215	0.87	0.06	12.5	0.239	1.64	4.4
N811223		43.4	100.5	<0.002	0.11	1.68	10.8	1	1.9	367	0.61	<0.05	14.0	0.255	1.20	3.8
N811224		39.4	95.1	<0.002	0.10	1.59	11.1	1	1.9	365	0.67	0.05	13.2	0.263	1.26	3.5
N811225		140.5	126.5	<0.002	0.78	3.76	9.9	1	2.5	232	0.53	0.15	13.3	0.229	1.97	4.8
N811226		15.2	102.0	<0.002	0.14	2.55	10.0	1	1.9	309	0.52	0.06	13.5	0.239	1.34	3.8
N811227		2790	159.5	<0.002	4.83	93.9	8.1	1	7.7	92.0	0.47	0.34	11.2	0.179	2.44	5.9
N811228		27.7	92.6	<0.002	0.04	1.60	10.1	1	1.7	376	0.57	<0.05	12.0	0.256	1.08	2.6
N811229		109.0	122.0	<0.002	0.26	5.93	10.0	1	1.9	157.5	0.61	0.06	16.7	0.242	1.84	2.7
N811230		19.3	98.8	0.002	0.23	5.57	10.2	1	1.8	203	0.54	0.08	13.7	0.257	1.43	4.4
N811231		17.8	104.5	<0.002	0.44	5.52	9.3	2	1.7	196.0	0.52	0.29	15.0	0.216	1.23	6.3
N811232		1.4	1.2	<0.002	0.01	0.08	0.2	1	<0.2	47.1	<0.05	<0.05	0.2	<0.005	<0.02	0.9
N811233		14.2	71.7	<0.002	0.21	6.03	8.4	1	1.9	222	0.57	<0.05	10.1	0.220	1.06	4.4
N811234		17.4	89.8	<0.002	0.07	3.74	10.2	1	2.1	265	0.63	<0.05	14.4	0.261	1.17	3.7
N811235		15.2	99.4	<0.002	0.20	2.56	10.3	1	1.9	312	0.60	0.05	13.1	0.248	1.10	3.6



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**CERTIFICATE OF ANALYSIS WH12179923**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N811200		70	2.3	14.0	79	23.0
N811201		68	2.6	13.5	52	22.1
N811202		68	1.8	13.9	119	23.1
N811203		69	1.6	15.0	45	23.5
N811204		72	2.1	14.3	46	26.3
N811205		70	5.2	13.9	246	21.9
N811206		67	2.1	13.4	47	24.4
N811207		65	1.8	12.9	46	22.0
N811208		55	5.1	9.4	5290	24.8
N811209		68	3.0	13.8	55	23.2
N811210		71	1.0	15.3	38	25.9
N811211		75	1.0	16.8	40	26.6
N811212		76	3.3	15.0	60	27.1
N811213		71	2.9	17.9	192	23.4
N811214		68	3.2	13.5	325	24.0
N811215		70	2.6	13.8	363	25.2
N811216		69	3.7	13.7	61	24.3
N811217		71	2.4	13.6	53	24.7
N811218		63	5.7	12.5	930	22.8
N811219		2	0.1	0.7	15	<0.5
N811220		73	3.1	15.1	60	26.6
N811221		66	4.0	13.9	130	24.9
N811222		66	3.0	14.1	106	26.4
N811223		72	1.4	15.1	62	24.6
N811224		75	1.5	15.2	61	24.9
N811225		65	2.7	13.5	1440	21.3
N811226		66	2.0	14.0	69	22.6
N811227		57	5.4	9.1	5460	25.2
N811228		71	1.8	14.9	61	26.0
N811229		67	2.6	14.1	102	26.8
N811230		71	2.6	13.0	63	27.5
N811231		61	2.6	16.2	67	24.5
N811232		2	0.1	0.7	16	<0.5
N811233		64	3.0	13.7	62	23.1
N811234		71	1.9	12.8	50	25.2
N811235		69	1.3	14.6	44	26.4



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**CERTIFICATE OF ANALYSIS WH12179923**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12179924**

Project: Klaza-93

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12179924**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N813812		6.98	0.032	0.75	6.88	29.1	1710	1.35	1.40	2.28	0.74	42.9	5.1	9	13.15	80.8
N813813		4.20	0.063	0.91	6.35	41.0	2310	1.39	0.78	2.30	2.41	43.1	5.6	8	10.15	113.0
N813814		<0.02	0.056	0.91	6.46	44.2	2620	1.31	0.80	2.32	2.74	43.9	5.6	8	10.40	106.0
N813815		4.92	<0.005	0.09	6.68	37.8	690	2.04	0.18	3.08	0.27	67.7	6.4	21	12.20	13.0
N813816		8.33	<0.005	0.11	6.47	41.7	1970	2.00	0.19	2.89	0.35	61.4	5.8	20	13.60	9.8
N813817		8.48	<0.005	0.10	6.72	35.7	730	2.04	0.14	2.36	0.21	65.4	6.3	20	13.80	16.3
N813818		8.92	<0.005	0.08	6.73	31.0	1040	1.99	0.12	2.70	0.19	69.5	6.4	20	13.45	10.5
N813819		6.97	<0.005	0.07	6.49	27.2	1430	1.79	0.16	2.57	0.14	62.1	6.1	19	17.45	9.4
N813820		7.21	<0.005	0.08	6.61	30.5	890	1.82	0.14	2.51	0.24	65.1	6.0	19	10.65	8.1
N813821		4.31	<0.005	0.07	6.94	37.6	1190	1.92	0.17	2.58	0.19	66.1	6.4	20	11.65	7.9
N813822		0.26	2.42	27.4	5.78	3270	1160	1.22	19.75	2.17	74.5	46.1	10.0	18	13.40	416
N813823		5.16	0.028	0.55	6.81	48.4	2130	1.71	1.21	2.32	0.66	48.1	6.4	9	24.8	53.6
N813824		2.55	0.616	30.2	6.40	369	600	1.62	44.4	1.72	3.39	51.2	6.0	8	17.50	1135
N813825		2.47	0.007	0.13	0.07	<5	20	<0.05	0.15	19.60	0.07	1.33	0.6	1	0.24	5.9
N813826		5.07	0.030	0.62	7.59	32.9	2010	1.41	1.38	1.32	0.40	57.6	6.0	8	13.60	20.0
N813827		2.47	0.101	1.16	6.81	79.3	340	1.47	4.10	1.55	0.41	51.8	6.2	8	11.65	57.9
N813828		2.35	0.014	0.33	7.28	32.1	2400	1.21	0.88	1.16	0.34	58.3	7.2	9	10.50	59.0
N813829		1.04	0.011	0.30	7.40	30.6	1530	1.29	0.85	1.11	0.32	56.7	9.0	8	10.50	40.8
N813830		2.70	0.199	4.44	6.67	187.0	190	1.38	7.30	1.03	1.25	56.8	8.5	8	13.95	77.6
N813831		3.07	0.067	0.98	6.96	144.0	510	1.57	1.82	2.06	0.31	43.5	10.3	9	15.10	20.7
N813832		4.11	<0.005	0.07	6.55	21.3	1200	1.86	0.17	3.13	0.10	54.6	6.2	21	12.15	6.2
N813833		4.85	<0.005	0.17	6.74	37.0	1900	2.19	0.15	3.49	0.19	67.1	7.0	20	13.55	9.4
N813834		5.15	0.015	0.25	6.98	20.8	1790	1.60	0.74	2.24	0.47	39.5	9.6	9	10.95	16.6
N813835		0.26	0.778	10.15	6.44	1800	630	1.49	6.79	1.86	40.3	47.5	15.6	20	15.30	104.5
N813836		4.40	0.038	0.51	7.28	38.2	1180	1.87	2.05	2.08	0.60	68.5	30.6	8	17.70	16.2
N813837		3.52	0.090	0.28	6.53	24.3	1150	1.55	7.01	2.12	0.26	67.7	27.6	7	7.84	11.6
N813838		3.07	0.018	0.25	6.42	29.5	1760	1.40	1.01	2.51	0.29	73.2	17.3	7	15.10	25.9
N813839		3.38	0.020	0.25	7.39	20.0	1960	1.40	1.29	1.24	0.26	78.6	26.5	8	11.45	17.3
N813840		2.52	0.025	0.55	7.21	33.7	650	1.26	1.86	1.52	0.45	83.3	52.9	8	12.45	41.1
N813841		2.98	0.023	0.36	6.89	30.4	780	1.27	1.44	1.75	0.40	67.0	24.5	10	11.25	33.4
N813842		5.49	<0.005	0.01	0.10	<5	20	0.08	0.04	19.45	0.06	2.10	0.8	1	0.22	1.6
N813843		3.44	0.042	0.28	6.56	26.1	1410	1.52	1.81	2.11	0.45	71.3	38.3	7	8.64	15.1
N813844		3.00	0.009	0.22	6.93	16.6	2450	1.53	0.87	2.27	0.34	49.2	18.0	10	8.03	22.5
N813845		7.36	0.042	0.47	6.80	22.8	2270	1.59	0.82	2.39	2.37	47.4	8.9	9	9.65	36.9
N813846		6.22	0.019	0.43	7.15	29.4	1630	1.43	0.96	1.59	0.95	56.4	10.1	15	10.95	29.4
N813847		5.17	<0.005	0.14	7.24	16.4	1810	1.23	0.42	1.43	0.27	54.6	6.6	9	25.0	25.7



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Project: Klaza-93

**CERTIFICATE OF ANALYSIS WH12179924**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813812		3.01	15.80	0.10	0.9	0.134	2.87	21.0	17.9	0.59	401	1.44	1.02	7.3	3.1	560
N813813		2.35	14.80	0.11	1.3	0.135	2.97	20.1	26.5	0.54	362	1.57	0.19	7.0	2.7	490
N813814		2.42	14.85	0.09	1.3	0.124	3.04	21.7	26.4	0.56	372	1.71	0.20	6.8	2.6	490
N813815		2.41	18.25	0.11	4.7	0.027	2.22	32.8	30.4	0.91	555	1.66	0.06	10.0	7.9	1090
N813816		2.17	17.70	0.12	4.7	0.026	2.18	32.1	35.1	0.83	579	1.81	0.03	9.4	7.6	1010
N813817		2.18	17.85	0.10	4.8	0.029	2.08	33.6	41.0	0.80	489	1.81	0.03	9.8	7.6	1040
N813818		2.33	17.95	0.12	4.6	0.028	2.06	33.6	42.2	0.93	599	1.66	0.03	9.9	7.9	1000
N813819		2.27	16.70	0.10	4.5	0.023	2.03	31.2	36.2	0.83	613	1.44	0.03	9.1	7.5	970
N813820		2.41	17.40	0.10	4.6	0.026	2.09	34.2	41.1	0.89	672	1.91	0.03	9.2	7.8	980
N813821		2.51	18.30	0.11	4.7	0.029	2.25	33.5	37.1	0.95	613	1.50	0.03	10.1	8.5	1090
N813822		6.47	13.10	0.08	1.0	1.510	2.55	25.0	22.1	0.89	1820	11.85	0.04	5.4	14.4	430
N813823		2.75	16.45	0.11	1.2	0.162	2.94	24.3	18.9	0.74	637	3.02	0.50	7.8	2.8	570
N813824		4.98	16.70	0.13	1.1	0.647	2.93	28.3	8.9	0.80	1410	1.33	0.04	6.5	2.8	500
N813825		0.42	0.24	0.06	<0.1	0.008	0.03	0.7	0.9	11.75	193	0.14	<0.01	0.1	1.4	160
N813826		3.14	16.00	0.12	1.1	0.170	3.00	30.7	26.1	0.57	710	1.54	0.07	7.7	3.2	600
N813827		4.13	15.50	0.11	1.2	0.209	3.46	26.7	23.4	0.68	630	17.05	0.07	6.9	2.7	520
N813828		2.81	15.70	0.10	1.3	0.114	2.90	31.2	28.4	0.49	660	1.79	0.08	7.8	3.6	580
N813829		2.78	15.95	0.12	1.4	0.101	2.97	29.1	30.6	0.47	654	1.30	0.08	7.9	4.4	580
N813830		5.83	15.40	0.13	1.1	0.220	3.37	30.7	10.5	0.60	879	1.64	0.08	6.6	2.7	510
N813831		3.41	16.40	0.13	1.2	0.211	3.61	20.8	14.5	0.74	614	1.95	0.48	7.0	2.8	540
N813832		2.36	17.60	0.12	4.6	0.028	2.34	26.1	19.7	0.88	432	0.87	1.15	9.9	8.1	1080
N813833		2.41	18.85	0.12	4.9	0.036	2.46	32.5	50.8	0.95	645	1.66	0.17	10.7	8.4	1130
N813834		3.20	15.40	0.12	1.2	0.129	2.93	19.5	16.4	0.77	454	1.21	1.35	7.5	2.8	570
N813835		5.21	14.30	0.10	1.4	0.835	2.87	24.4	23.8	0.69	1910	11.45	0.26	6.8	14.3	470
N813836		3.30	17.10	0.13	1.2	0.108	2.55	37.7	26.5	0.69	403	3.56	0.67	7.9	3.2	580
N813837		2.86	14.90	0.09	1.1	0.085	1.42	38.9	130.0	0.64	513	2.71	0.03	7.2	2.6	580
N813838		2.50	14.20	0.12	1.2	0.069	1.41	42.6	84.0	0.77	547	3.83	0.03	7.2	3.0	540
N813839		3.27	16.80	0.14	1.1	0.078	2.68	46.1	28.4	0.52	279	2.05	0.35	7.7	3.3	580
N813840		3.36	16.55	0.15	1.0	0.148	2.71	48.9	40.4	0.54	429	3.39	0.07	7.2	3.7	560
N813841		2.69	16.00	0.11	1.1	0.148	2.78	36.7	35.3	0.58	428	2.04	0.07	7.3	3.1	530
N813842		0.43	0.31	0.09	<0.1	0.008	0.04	1.1	1.4	11.60	196	0.13	0.01	0.2	1.7	160
N813843		2.69	15.35	0.14	1.0	0.229	3.05	38.8	12.0	0.50	262	2.27	1.28	6.9	2.7	500
N813844		2.61	15.50	0.13	1.0	0.120	3.29	25.4	10.0	0.71	311	7.39	1.91	7.3	2.6	580
N813845		2.58	15.65	0.11	1.1	0.164	3.17	23.7	11.9	0.75	417	1.72	1.73	7.5	2.3	550
N813846		3.16	15.80	0.11	1.1	0.170	2.75	30.3	56.7	0.64	582	1.02	0.34	7.6	2.5	580
N813847		2.89	16.55	0.11	1.1	0.085	2.24	28.1	122.0	0.45	579	1.98	0.07	8.1	2.6	600



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Project: Klaza-93

**CERTIFICATE OF ANALYSIS WH12179924**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813812		36.6	106.0	<0.002	0.72	18.55	9.7	1	3.2	180.5	0.53	0.58	11.0	0.252	1.57	6.0
N813813		73.6	100.5	<0.002	0.53	15.45	7.7	1	3.2	143.0	0.61	0.31	12.9	0.221	1.57	3.3
N813814		72.3	106.0	0.003	0.58	15.75	7.7	1	3.2	144.0	0.62	0.24	13.5	0.219	1.52	3.2
N813815		12.0	63.8	<0.002	0.08	12.10	5.4	1	1.7	161.5	0.63	0.05	9.0	0.314	0.83	12.7
N813816		24.0	62.3	0.003	0.14	17.10	5.0	1	1.4	112.5	0.63	<0.05	8.8	0.284	0.84	7.8
N813817		20.4	63.4	0.003	0.08	12.20	5.0	1	1.4	114.0	0.68	<0.05	9.6	0.304	0.82	5.7
N813818		12.1	63.9	<0.002	0.05	18.35	5.5	1	1.5	126.0	0.66	<0.05	9.6	0.298	0.83	5.3
N813819		9.9	60.4	<0.002	0.06	18.80	4.8	1	1.3	120.5	0.64	<0.05	8.8	0.284	0.78	4.7
N813820		15.2	63.7	<0.002	0.05	20.8	5.0	1	1.3	123.5	0.63	<0.05	9.6	0.284	0.83	7.7
N813821		10.8	67.7	<0.002	0.08	21.7	5.3	1	1.4	139.0	0.65	<0.05	9.3	0.314	0.92	6.9
N813822		2630	158.0	0.002	4.75	89.7	7.7	1	7.2	87.2	0.45	0.40	10.3	0.175	2.21	5.2
N813823		41.9	122.0	<0.002	0.40	11.80	10.2	1	3.2	184.5	0.60	0.29	11.2	0.249	2.01	4.3
N813824		188.0	165.5	<0.002	3.07	58.7	9.6	2	10.9	89.6	0.56	0.48	12.0	0.223	2.78	5.9
N813825		1.9	1.7	<0.002	0.01	0.28	0.2	1	<0.2	40.4	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N813826		29.5	147.5	<0.002	0.73	9.04	10.7	1	4.7	99.8	0.60	0.28	14.5	0.252	2.05	4.1
N813827		50.8	203	<0.002	2.69	14.25	10.2	2	7.5	88.6	0.58	0.61	13.3	0.232	2.46	4.4
N813828		56.2	137.5	<0.002	0.41	10.20	10.5	1	2.7	95.5	0.65	0.11	15.4	0.254	1.71	4.8
N813829		29.5	144.5	<0.002	0.41	9.19	10.8	1	2.7	94.8	0.69	0.08	15.2	0.258	1.66	4.7
N813830		134.5	210	<0.002	4.38	10.20	10.1	1	7.8	62.0	0.57	0.41	12.9	0.225	2.83	5.1
N813831		42.2	200	<0.002	1.78	5.79	10.3	1	5.2	173.5	0.59	0.28	11.3	0.235	2.54	5.0
N813832		11.3	70.1	<0.002	0.05	5.15	4.6	1	1.5	389	0.66	<0.05	7.5	0.313	1.09	4.1
N813833		10.5	72.2	0.002	0.08	7.17	5.4	1	1.5	309	0.68	<0.05	8.3	0.327	1.09	5.7
N813834		36.9	119.0	<0.002	0.66	3.72	10.1	1	3.7	277	0.60	0.15	11.1	0.255	1.67	3.2
N813835		1285	156.5	<0.002	3.05	31.2	8.5	1	5.4	144.0	0.57	0.38	11.8	0.211	2.67	5.5
N813836		32.3	130.5	<0.002	1.31	8.71	10.3	1	3.8	164.0	0.66	0.87	12.8	0.261	1.92	6.8
N813837		18.6	59.2	<0.002	1.09	19.75	9.5	1	3.5	194.0	0.62	3.95	11.5	0.238	1.19	4.8
N813838		18.8	58.8	0.004	0.68	29.9	9.9	2	3.3	176.0	0.60	0.46	12.1	0.235	1.09	3.7
N813839		19.6	135.0	<0.002	0.94	10.10	10.7	1	3.8	118.0	0.61	0.45	15.5	0.253	1.67	9.9
N813840		52.9	129.5	<0.002	1.89	20.3	10.3	2	4.2	142.0	0.60	0.71	13.2	0.242	1.76	4.5
N813841		24.5	129.0	<0.002	1.48	23.2	10.4	2	3.6	109.5	0.60	0.51	12.6	0.237	1.70	3.7
N813842		1.4	2.1	<0.002	0.02	0.19	0.3	<1	<0.2	43.1	<0.05	0.05	0.2	<0.005	0.02	0.4
N813843		24.8	138.0	0.002	1.32	4.72	9.2	1	3.6	202	0.59	0.97	11.5	0.225	1.82	3.8
N813844		26.7	125.5	<0.002	0.92	4.60	10.0	1	2.8	305	0.60	0.30	10.7	0.257	1.84	3.5
N813845		96.4	126.0	<0.002	0.67	5.96	10.1	1	2.9	266	0.65	0.27	10.6	0.250	1.80	4.0
N813846		40.8	130.0	<0.002	0.85	23.0	10.8	2	5.0	148.0	0.64	0.30	13.7	0.249	1.68	4.0
N813847		14.9	99.2	<0.002	0.32	31.7	11.2	1	3.8	190.0	0.67	0.09	13.9	0.263	1.38	2.8



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**CERTIFICATE OF ANALYSIS WH12179924**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813812		67	2.0	13.7	80	22.6
N813813		57	1.8	11.8	182	30.4
N813814		56	1.8	12.0	194	30.8
N813815		54	1.3	11.8	100	171.5
N813816		49	1.5	10.8	88	162.5
N813817		52	1.5	10.1	93	170.0
N813818		52	1.8	11.4	96	161.5
N813819		51	1.5	10.5	94	157.0
N813820		51	1.5	11.4	102	154.0
N813821		54	1.7	11.5	82	175.5
N813822		54	5.1	10.0	5040	23.3
N813823		68	2.2	14.6	71	30.5
N813824		61	7.8	12.0	308	25.2
N813825		2	0.1	0.8	16	0.6
N813826		64	5.9	14.5	73	28.1
N813827		63	3.3	12.7	70	26.9
N813828		65	4.3	15.3	55	30.0
N813829		64	4.5	15.3	53	30.8
N813830		63	5.6	11.7	131	25.5
N813831		65	2.1	13.1	54	27.9
N813832		53	1.0	8.3	70	162.5
N813833		57	1.3	11.4	82	177.0
N813834		69	1.4	14.1	70	28.2
N813835		58	5.5	11.4	2990	36.3
N813836		73	2.0	14.7	58	27.0
N813837		65	2.8	13.8	49	24.3
N813838		62	2.7	16.7	60	28.3
N813839		68	1.9	16.5	53	23.9
N813840		72	2.0	14.5	68	23.9
N813841		69	2.2	14.1	59	23.7
N813842		3	0.1	0.9	13	<0.5
N813843		61	1.3	12.8	52	23.7
N813844		71	1.2	13.9	52	24.3
N813845		69	1.2	15.0	171	24.4
N813846		67	3.1	16.0	94	24.3
N813847		71	6.0	16.3	56	24.6



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**CERTIFICATE OF ANALYSIS WH12179924**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12179925**

Project: Klaza - 95

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 95

**CERTIFICATE OF ANALYSIS WH12179925**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811164		2.67	0.016	0.79	6.86	41.9	1780	1.32	0.81	2.71	2.34	47.8	6.0	13	17.85	27.6
N811165		2.12	0.029	8.04	7.17	768	1710	1.31	0.62	1.42	42.3	49.4	6.5	13	14.80	41.7
N811166		4.15	0.011	1.13	7.10	25.4	2170	1.31	0.68	2.21	3.81	46.1	6.7	14	15.65	32.6
N811167		3.12	0.025	3.85	7.18	134.0	1790	1.54	0.78	1.80	15.90	53.0	6.8	12	17.50	27.3
N811168		4.67	0.005	0.19	7.59	44.0	2110	1.60	0.09	2.84	0.34	51.4	7.1	18	6.73	10.0
N811169		0.22	4.60	>100	5.22	7010	480	1.30	52.9	1.91	216	34.5	10.5	16	11.90	1215
N811170		2.31	0.005	0.14	7.15	6.0	2110	1.82	0.10	2.50	0.31	49.7	7.7	15	4.98	8.7
N811171		3.23	<0.005	0.28	7.12	7.3	1930	1.76	0.15	2.72	0.48	48.0	7.5	16	7.78	14.5
N811172		3.78	<0.005	0.15	7.28	2.6	2060	1.79	0.08	2.73	0.11	52.6	8.5	18	6.41	12.1
N811173		2.76	0.046	7.44	6.58	595	1490	1.50	1.13	2.86	44.8	42.1	11.8	14	18.90	72.9
N811174		2.53	<0.005	0.02	0.07	<5	20	0.05	0.02	21.6	0.10	1.34	1.7	1	0.12	2.7
N811175		2.27	<0.005	0.09	7.41	4.9	2250	1.57	0.05	2.72	0.19	43.9	7.7	14	9.74	7.4
N811176		8.16	<0.005	0.13	7.52	4.2	2160	1.74	0.12	2.72	0.13	49.6	7.9	19	6.51	7.3
N811177		5.44	<0.005	0.09	7.58	3.7	2150	1.78	0.07	2.88	0.13	48.2	8.4	16	6.10	6.1
N811178		2.74	<0.005	0.10	7.30	5.2	2200	1.80	0.23	2.62	0.14	44.3	7.4	16	9.53	6.6
N811179		2.60	0.009	1.50	6.90	39.1	1740	1.60	0.40	2.79	8.79	44.3	9.5	16	22.0	21.9
N811180		2.59	<0.005	0.11	7.33	2.8	2190	1.77	0.06	2.74	0.11	45.7	8.1	19	5.77	7.2
N811181		6.54	<0.005	0.12	7.23	3.3	2120	1.71	0.11	2.74	0.13	44.9	7.9	15	6.53	12.7
N811182		2.55	0.005	0.23	7.50	7.2	1880	1.79	1.97	2.69	0.13	52.1	7.6	14	13.00	11.3
N811183		7.98	<0.005	0.13	7.40	6.0	2000	1.89	0.16	2.71	0.10	46.7	8.1	15	13.55	10.9
N811184		<0.02	<0.005	0.23	7.58	5.9	2050	1.93	0.26	2.79	0.11	49.8	8.2	16	13.80	10.1
N811185		4.38	<0.005	0.23	7.79	4.7	2280	1.83	0.14	2.83	0.10	51.7	9.6	14	8.50	15.7
N811186		3.36	0.009	1.06	7.18	43.8	2050	1.67	0.30	2.84	3.28	44.4	9.0	14	13.40	15.0
N811187		3.12	<0.005	0.18	7.62	4.3	2250	1.81	0.16	2.88	0.13	50.3	8.0	14	9.27	7.9
N811188		1.95	<0.005	0.13	7.44	3.4	2220	1.62	0.13	2.84	0.12	46.1	7.6	12	8.09	9.2
N811189		2.92	0.008	0.40	6.97	18.0	1250	1.64	0.52	2.51	0.25	36.0	6.2	13	13.75	12.0
N811190		5.23	<0.005	0.11	7.56	5.8	2100	1.59	0.11	2.87	0.16	44.8	6.9	16	7.78	4.3
N811191		2.66	0.005	0.66	7.74	12.6	2020	1.61	0.19	2.90	2.21	67.2	8.0	23	9.88	10.7
N811192		0.22	2.37	25.6	6.18	3500	1210	1.47	17.80	2.33	78.2	45.0	11.9	19	15.50	457
N811193		7.82	0.005	0.26	7.54	9.0	2160	1.58	0.31	2.77	0.60	43.9	8.0	18	10.55	16.2
N811194		3.39	0.017	1.55	7.21	35.8	1290	1.65	0.59	2.28	6.30	47.9	6.8	11	16.60	34.2
N811195		3.81	<0.005	0.02	0.09	<5	30	0.09	0.02	21.5	0.07	1.43	1.7	<1	0.21	3.4
N811196		7.54	<0.005	0.19	7.19	10.0	1690	1.46	0.38	2.61	0.12	49.6	7.3	16	9.39	9.1
N811197		3.54	<0.005	0.17	7.32	6.6	2080	1.52	0.14	2.79	0.11	50.8	7.4	13	10.80	8.6
N811198		3.98	0.091	3.96	7.21	123.5	1100	1.62	4.01	2.23	5.87	48.7	12.2	14	12.55	62.3
N811199		3.94	0.039	2.64	7.22	72.2	1410	1.58	1.29	2.05	22.7	55.4	5.7	15	14.95	27.5





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Finalized Date: 21-AUG-2012  
Account: ROCKHA

Project: Klaza - 95

**CERTIFICATE OF ANALYSIS WH12179925**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811164		3.29	15.50	0.13	0.9	0.103	3.23	25.5	10.4	0.77	2490	1.31	0.54	7.5	3.0	600
N811165		5.00	15.50	0.12	0.8	3.47	3.24	26.9	10.1	0.62	4430	1.12	0.59	6.8	3.0	560
N811166		3.58	15.55	0.09	0.9	0.139	3.35	26.7	9.4	0.75	2530	1.90	0.96	7.7	3.1	570
N811167		4.23	16.05	0.11	0.9	0.480	3.56	30.5	10.8	0.64	3830	1.33	0.29	7.3	2.9	560
N811168		3.15	16.30	0.10	1.0	0.048	2.63	27.9	9.5	0.88	1020	1.36	2.15	8.0	4.4	640
N811169		7.97	14.00	0.21	1.1	4.72	2.14	17.9	34.8	0.61	2920	15.75	0.07	6.0	14.6	430
N811170		2.99	17.30	0.15	1.1	0.047	2.50	25.4	11.8	0.83	655	1.73	2.18	8.9	3.2	580
N811171		3.05	16.85	0.15	1.2	0.056	2.55	24.4	10.8	0.79	837	1.69	1.98	9.2	3.1	630
N811172		3.04	17.20	0.18	1.2	0.047	2.53	26.5	11.5	0.82	706	1.61	2.26	9.0	3.2	590
N811173		4.31	15.05	0.16	1.0	1.050	2.63	22.1	19.3	0.92	2820	4.86	0.16	7.6	4.2	550
N811174		0.49	0.33	0.07	<0.1	0.005	0.02	0.7	0.9	12.75	215	0.14	0.01	0.3	1.3	180
N811175		3.00	17.30	0.15	1.1	0.038	2.67	21.3	14.3	0.67	605	2.65	2.03	8.5	2.8	620
N811176		2.96	17.05	0.15	1.1	0.044	2.61	24.9	12.2	0.86	614	2.86	2.41	9.0	3.1	600
N811177		3.28	17.45	0.15	1.2	0.047	2.57	23.6	12.8	0.92	679	37.5	2.44	9.4	3.3	630
N811178		2.96	16.40	0.13	1.3	0.046	2.68	21.9	10.5	0.77	644	2.25	2.32	8.9	3.2	590
N811179		3.53	16.40	0.17	1.2	0.184	2.82	22.2	14.1	0.87	1940	2.49	0.95	9.0	3.2	580
N811180		3.14	16.40	0.17	1.4	0.035	2.52	22.0	11.2	0.86	732	2.03	2.39	9.4	3.4	620
N811181		3.04	16.65	0.16	1.2	0.039	2.56	21.5	12.7	0.78	646	1.66	2.33	9.0	3.2	590
N811182		2.77	16.30	0.15	1.4	0.041	2.32	26.4	12.5	0.78	616	6.92	2.19	9.5	3.3	640
N811183		3.07	16.60	0.18	1.5	0.037	2.57	23.3	12.0	0.68	710	2.30	2.16	9.4	3.3	620
N811184		3.01	16.60	0.16	1.4	0.038	2.65	24.9	12.0	0.73	704	2.87	2.18	9.6	3.5	620
N811185		3.11	16.95	0.17	1.2	0.040	2.58	26.6	12.3	0.89	646	1.74	2.39	9.8	3.4	640
N811186		3.30	15.75	0.18	1.0	0.051	2.64	21.9	9.6	0.80	1240	2.83	1.77	8.7	3.1	630
N811187		3.07	17.30	0.18	1.1	0.053	2.60	24.7	9.0	0.83	820	2.11	2.37	9.6	3.3	650
N811188		3.03	15.90	0.15	1.0	0.040	2.52	22.3	8.0	0.83	852	1.64	2.36	8.8	3.2	630
N811189		2.82	15.80	0.13	0.9	0.128	1.77	17.0	124.5	0.70	1070	1.09	0.87	8.6	3.0	600
N811190		3.03	16.40	0.15	1.1	0.049	2.50	22.0	17.3	0.86	595	1.30	2.15	9.0	3.3	650
N811191		3.19	16.30	0.18	0.9	0.060	2.55	37.0	11.1	0.88	816	2.21	2.23	8.6	3.2	630
N811192		7.00	14.50	0.22	1.0	1.765	2.67	25.1	24.3	0.95	1970	13.85	0.03	6.6	16.2	470
N811193		3.12	16.60	0.15	1.0	0.070	2.58	21.4	11.4	0.84	908	2.02	2.30	8.9	3.4	620
N811194		3.03	16.15	0.15	1.0	0.112	1.97	23.7	13.9	0.68	1450	1.28	1.84	8.2	2.8	600
N811195		0.46	0.42	0.11	<0.1	0.005	0.03	0.7	1.2	12.65	201	0.13	0.01	0.3	2.2	180
N811196		2.78	16.25	0.12	1.0	0.122	2.00	25.3	12.2	0.84	740	5.34	2.44	8.1	3.0	600
N811197		2.92	16.60	0.16	1.0	0.047	2.43	25.5	9.7	0.79	712	5.84	2.24	8.5	3.0	610
N811198		4.19	15.60	0.17	0.9	0.209	3.31	26.3	10.0	0.75	2090	2.75	0.30	8.1	3.6	580
N811199		3.99	15.80	0.17	0.9	0.233	3.23	32.2	10.2	0.82	3390	1.32	0.04	7.8	2.8	550



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Project: Klaza - 95

**CERTIFICATE OF ANALYSIS WH12179925**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811164		144.5	161.5	<0.002	0.49	7.04	9.9	1	1.7	142.0	0.57	0.06	11.4	0.244	2.81	3.6
N811165		1360	189.5	<0.002	1.20	13.75	10.1	2	4.9	128.0	0.55	<0.05	13.4	0.232	2.65	4.4
N811166		221	165.5	<0.002	0.36	5.92	10.8	1	2.1	187.0	0.63	0.07	13.6	0.248	2.43	4.1
N811167		841	195.5	0.002	0.63	9.35	10.3	1	3.7	88.1	0.61	<0.05	14.3	0.232	2.90	4.3
N811168		30.7	108.0	<0.002	0.04	1.40	11.0	1	1.5	370	0.62	<0.05	14.2	0.263	1.15	3.4
N811169		9190	129.5	0.002	6.87	213	8.1	4	8.5	123.5	0.46	0.49	8.5	0.174	2.13	5.2
N811170		20.6	94.7	<0.002	0.02	1.21	11.7	2	1.7	370	0.70	<0.05	14.0	0.250	0.96	2.6
N811171		47.9	106.0	<0.002	0.04	5.43	11.5	2	1.7	325	0.73	<0.05	14.3	0.256	1.22	3.2
N811172		18.6	89.6	<0.002	0.01	0.85	11.2	2	1.6	376	0.73	<0.05	14.3	0.256	0.96	4.4
N811173		1365	113.0	<0.002	1.51	15.55	10.1	2	2.4	97.8	0.60	0.06	12.8	0.225	2.13	4.1
N811174		2.2	1.1	<0.002	0.01	<0.05	0.3	1	<0.2	54.6	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N811175		18.2	88.0	<0.002	0.01	1.53	10.4	1	1.4	346	0.65	<0.05	13.0	0.264	0.98	2.9
N811176		18.6	88.3	<0.002	0.02	1.26	10.7	2	1.4	381	0.71	<0.05	13.9	0.256	0.95	3.6
N811177		15.2	85.9	0.002	0.01	1.99	11.6	2	1.6	398	0.76	<0.05	12.8	0.272	0.94	3.1
N811178		17.5	89.8	<0.002	0.04	1.42	9.8	1	1.5	361	0.78	0.10	13.3	0.251	1.10	4.6
N811179		158.0	106.0	<0.002	0.32	5.86	10.0	2	2.4	179.5	0.77	0.06	13.3	0.246	1.77	5.6
N811180		16.3	83.1	<0.002	0.01	0.90	11.0	2	1.6	395	0.81	<0.05	13.2	0.265	0.96	4.8
N811181		18.0	85.6	<0.002	0.03	1.27	10.1	2	1.6	382	0.73	<0.05	12.7	0.253	1.00	3.7
N811182		18.3	89.1	0.003	0.05	2.30	11.2	2	2.6	312	0.80	1.04	14.6	0.269	1.09	3.9
N811183		17.8	96.8	<0.002	0.03	1.65	10.9	2	1.7	355	0.81	0.06	13.8	0.260	1.04	4.4
N811184		18.9	101.0	<0.002	0.04	2.09	11.3	2	1.7	357	0.82	0.11	14.4	0.263	1.06	4.6
N811185		18.5	100.0	<0.002	0.11	1.55	11.9	2	1.7	415	0.88	0.05	13.3	0.263	1.01	4.3
N811186		499	98.4	<0.002	0.34	2.83	11.1	2	1.8	312	0.65	<0.05	11.2	0.262	1.43	3.5
N811187		18.4	87.9	<0.002	0.04	1.80	11.6	2	2.1	386	0.72	<0.05	12.5	0.276	1.10	3.3
N811188		18.1	80.6	<0.002	0.04	1.38	10.8	2	1.9	386	0.68	<0.05	11.1	0.265	1.03	2.9
N811189		19.2	60.1	<0.002	0.22	6.72	9.5	2	4.2	136.5	0.66	<0.05	10.3	0.252	1.54	3.5
N811190		16.8	73.8	<0.002	<0.01	2.38	11.5	2	2.1	385	0.67	<0.05	11.2	0.278	0.89	2.7
N811191		153.5	95.4	<0.002	0.21	1.98	11.2	2	1.7	379	0.61	<0.05	15.0	0.267	1.09	4.0
N811192		2900	156.0	0.002	5.03	91.7	8.6	2	8.0	98.0	0.52	0.39	11.0	0.187	2.37	5.5
N811193		28.4	89.7	<0.002	0.12	2.60	10.8	2	2.2	362	0.68	<0.05	11.0	0.270	1.20	3.5
N811194		282	80.6	<0.002	0.48	8.92	10.0	2	3.9	166.5	0.64	0.07	10.0	0.252	1.47	3.9
N811195		1.6	1.6	<0.002	0.01	0.10	0.3	1	<0.2	56.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N811196		16.3	77.9	<0.002	0.06	3.26	9.9	1	3.3	314	0.66	0.06	12.0	0.251	1.05	2.8
N811197		17.0	86.1	<0.002	0.06	1.82	10.4	2	1.8	369	0.62	0.05	11.5	0.257	1.09	3.8
N811198		261	170.5	<0.002	1.76	10.80	10.5	2	2.5	109.5	0.63	0.27	12.6	0.243	2.75	4.8
N811199		578	204	<0.002	1.03	9.29	10.3	2	2.9	60.1	0.58	0.13	13.2	0.239	3.07	5.5



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Project: Klaza - 95

**CERTIFICATE OF ANALYSIS WH12179925**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811164		68	3.7	14.2	301	21.4		
N811165		66	3.9	11.9	3100	23.4		
N811166		70	2.4	14.2	483	22.4		
N811167		64	3.2	12.4	1200	22.3		
N811168		74	1.2	16.1	74	26.1		
N811169		51	4.6	9.7	>10000	34.4	119	1.650
N811170		71	2.2	17.7	81	28.0		
N811171		71	2.1	17.6	94	28.7		
N811172		71	1.4	16.7	52	28.3		
N811173		63	3.2	12.9	3810	23.6		
N811174		2	0.1	0.9	17	<0.5		
N811175		74	0.9	16.0	54	26.6		
N811176		71	1.0	16.7	46	27.1		
N811177		79	2.3	18.0	47	28.8		
N811178		69	1.3	15.3	47	30.0		
N811179		69	2.5	14.1	720	29.9		
N811180		76	1.5	17.3	46	32.7		
N811181		71	1.5	15.5	46	30.2		
N811182		75	1.4	16.7	43	32.9		
N811183		74	2.8	16.4	47	33.0		
N811184		74	2.8	17.1	48	31.4		
N811185		75	1.0	18.8	42	26.6		
N811186		76	1.3	15.3	363	25.1		
N811187		77	1.1	17.0	51	26.3		
N811188		73	0.9	15.7	47	24.3		
N811189		68	2.4	12.3	82	23.8		
N811190		79	1.0	15.8	43	25.4		
N811191		74	0.9	16.4	255	22.7		
N811192		59	5.4	10.4	5430	29.5		
N811193		76	1.2	15.8	108	24.6		
N811194		72	2.6	13.4	621	24.2		
N811195		2	0.1	0.9	17	<0.5		
N811196		70	2.2	14.6	58	24.3		
N811197		73	1.1	16.2	48	24.9		
N811198		69	2.9	12.5	611	22.7		
N811199		68	2.4	12.2	1940	23.4		



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Project: Klaza - 95

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**CERTIFICATE OF ANALYSIS WH12179925**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12179926**

Project: Klaza-91

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 21-AUG-2012  
Account: ROCKHA

Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12179926**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812330		0.22	4.48	>100	5.09	7430	120	1.29	53.0	1.95	220	27.5	9.9	17	11.50	1250
N812331		8.47	<0.005	0.21	6.81	10.7	1830	1.60	0.20	2.87	0.23	38.9	7.5	13	12.30	12.8
N812332		2.97	0.031	1.56	6.80	153.5	830	1.73	0.95	2.95	3.14	48.4	13.0	10	16.65	36.4
N812333		2.62	<0.005	0.14	7.46	11.2	1490	1.42	0.20	2.54	0.25	41.4	10.8	18	14.60	12.1
N812334		1.25	<0.005	0.11	7.18	9.2	1420	1.39	0.15	2.59	0.28	40.2	5.8	10	13.30	14.7
N812335		3.49	<0.005	0.30	7.23	33.3	870	1.46	0.35	2.87	1.83	40.2	10.3	10	17.75	27.2
N812336		4.34	0.009	0.52	7.36	80.7	970	1.54	0.44	3.01	0.82	47.2	7.8	12	15.80	14.6
N812337		3.11	0.011	0.11	7.18	55.3	700	1.31	0.13	2.98	2.40	35.7	3.9	11	11.80	6.2
N812338		4.47	0.014	0.63	6.94	106.0	540	1.40	0.19	3.51	3.58	44.1	5.4	10	13.85	6.3
N812339		5.51	<0.005	0.20	7.17	19.1	1180	1.36	0.37	2.66	0.42	39.4	11.3	13	16.10	4.4
N812340		5.38	<0.005	0.21	7.17	31.0	800	1.57	0.24	2.92	0.49	42.6	4.9	11	18.85	3.7
N812341		4.39	<0.005	0.31	7.19	52.2	1900	1.63	0.63	3.38	1.29	48.0	8.5	16	19.90	3.7
N812342		2.40	<0.005	0.03	0.10	<5	20	0.07	0.06	21.8	0.07	1.00	0.6	1	0.42	2.7
N812343		2.93	<0.005	0.07	7.16	9.7	1870	1.45	0.36	2.84	0.28	34.7	2.9	10	10.75	3.0
N812344		<0.02	<0.005	0.13	7.46	11.1	1950	1.30	0.37	2.89	0.27	37.8	3.1	14	11.85	1.7
N812345		4.75	<0.005	0.16	7.22	15.6	1480	1.51	0.40	3.48	0.63	42.7	6.3	11	11.95	2.7
N812346		3.60	<0.005	0.09	7.35	9.2	1290	1.26	0.22	2.10	0.44	38.6	4.2	12	10.00	4.2
N812347		5.47	<0.005	0.30	7.01	31.9	1280	1.58	0.27	3.80	1.02	48.4	5.9	9	21.6	3.4
N812348		8.02	<0.005	0.12	6.88	31.2	1990	1.74	0.44	4.17	0.55	48.0	6.3	8	38.3	2.3
N812349		4.93	<0.005	0.02	0.10	<5	20	0.06	0.04	22.4	0.05	1.13	0.7	1	0.28	2.1
N812350		5.14	<0.005	0.11	7.23	16.5	1320	1.51	0.24	2.21	0.30	36.6	5.8	12	19.20	2.5
N812351		0.21	2.20	25.7	5.99	3300	930	1.23	19.15	2.30	77.6	41.3	9.7	18	13.10	436
N812352		3.03	<0.005	0.15	7.04	25.7	1350	1.69	0.25	2.85	0.22	38.5	12.0	11	17.95	3.3
N812353		7.43	<0.005	0.10	7.38	10.7	1750	1.37	0.25	2.39	0.09	39.4	8.1	19	11.45	2.9
N812354		2.96	<0.005	0.20	7.05	23.6	1340	1.43	0.20	3.28	0.16	36.8	8.9	21	13.05	3.7
N812355		6.54	<0.005	0.16	7.89	16.1	1840	1.62	0.42	2.79	0.19	47.2	17.4	27	8.40	3.0
N812356		5.42	<0.005	0.12	7.56	12.2	1830	1.45	0.27	2.36	0.08	43.7	8.7	18	10.65	5.9
N812357		4.20	<0.005	0.18	7.28	52.5	1160	1.57	0.34	2.19	0.33	41.2	9.3	21	15.95	3.3
N812358		2.73	<0.005	0.77	7.14	30.5	1400	1.48	0.14	2.44	13.45	38.3	5.4	16	16.60	8.8
N812359		4.79	<0.005	0.08	7.61	5.0	1910	1.60	0.14	2.64	0.13	44.5	7.9	26	9.71	5.8
N812360		2.86	<0.005	0.08	7.79	3.6	2050	1.78	0.13	3.00	0.15	51.6	7.8	17	9.17	7.6
N812361		7.17	<0.005	0.08	7.24	7.8	1770	1.56	0.15	2.78	0.17	44.4	7.2	21	12.20	5.8
N812362		2.97	<0.005	0.27	6.83	28.3	1940	1.40	0.19	3.00	1.06	42.1	5.8	13	18.00	6.0
N812363		2.40	<0.005	0.13	7.06	38.2	890	1.60	0.24	2.31	0.17	38.4	8.2	13	23.6	7.2
N812364		3.11	<0.005	0.21	6.95	41.6	1380	1.67	0.16	4.19	1.10	46.2	7.1	13	19.20	5.5
N812365		3.71	<0.005	0.11	7.55	8.7	1740	1.17	0.26	1.74	0.15	39.9	7.8	12	13.95	6.7



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Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12179926**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812330		8.10	12.75	0.20	1.1	4.59	2.19	13.4	32.4	0.60	2990	16.05	0.08	5.9	13.8	440
N812331		3.10	15.80	0.14	1.5	0.054	2.84	18.0	26.1	0.78	709	1.12	1.36	8.3	3.0	590
N812332		3.65	14.75	0.15	1.3	0.165	2.77	26.6	29.3	1.05	1580	1.32	0.04	7.6	3.2	520
N812333		3.14	16.55	0.14	1.4	0.075	2.96	20.2	102.0	0.77	845	1.59	0.07	8.6	3.2	620
N812334		3.21	15.65	0.14	1.4	0.077	2.98	19.1	113.0	0.77	865	0.65	0.07	8.9	2.7	650
N812335		3.25	15.65	0.09	1.2	0.077	2.66	20.1	73.7	1.02	1450	1.22	0.05	7.1	3.3	610
N812336		3.24	15.90	0.13	1.1	0.140	2.82	26.4	52.0	1.12	1540	1.10	0.04	6.8	2.7	570
N812337		2.93	14.45	0.10	1.3	0.049	1.84	17.3	153.0	0.88	1080	0.58	0.05	6.9	2.3	640
N812338		3.50	15.50	0.12	1.2	0.126	3.05	23.3	24.7	1.16	4080	1.65	0.03	6.7	2.8	540
N812339		3.13	15.75	0.09	1.4	0.071	2.51	19.9	62.8	0.89	1020	0.97	0.06	7.7	3.0	640
N812340		2.78	15.70	0.11	1.2	0.056	2.29	21.7	83.3	0.99	822	0.60	0.04	7.3	3.0	650
N812341		2.61	17.25	0.12	1.2	0.056	2.57	24.0	46.8	1.12	844	0.76	0.05	7.7	3.6	630
N812342		0.47	0.27	0.08	<0.1	<0.005	0.04	0.5	1.6	12.90	214	1.39	<0.01	0.2	2.0	180
N812343		3.18	16.30	0.13	1.0	0.044	2.72	17.0	45.9	0.96	881	0.48	0.07	7.5	2.5	630
N812344		3.32	17.35	0.12	1.4	0.050	2.88	18.3	39.6	0.97	913	0.61	0.07	8.1	2.7	660
N812345		3.23	16.55	0.09	1.2	0.070	2.30	20.9	69.9	1.13	1130	0.54	0.04	7.3	2.7	630
N812346		2.83	17.40	0.10	1.2	0.040	2.45	17.5	95.3	0.66	732	0.68	0.06	7.7	3.0	660
N812347		2.99	16.20	0.10	1.1	0.060	2.62	26.6	47.7	1.30	1280	1.17	0.04	7.0	3.5	540
N812348		2.71	14.70	0.10	1.1	0.043	2.05	26.4	48.3	1.32	839	0.43	0.04	6.0	3.1	530
N812349		0.48	0.27	0.10	<0.1	<0.005	0.04	0.6	1.4	13.30	222	0.14	0.01	0.2	2.2	150
N812350		2.96	15.30	0.11	1.2	0.041	2.73	17.6	39.1	0.79	610	0.74	1.35	7.8	2.6	630
N812351		6.73	13.35	0.13	0.7	1.420	2.63	21.7	23.7	0.94	1880	12.70	0.04	5.3	15.1	440
N812352		2.92	16.00	0.09	1.2	0.050	2.40	20.1	43.5	0.94	769	0.53	0.78	7.6	2.8	590
N812353		3.03	16.50	0.11	1.2	0.033	2.98	19.6	26.6	0.84	619	1.20	1.57	7.3	3.0	610
N812354		3.45	16.45	0.11	1.2	0.086	2.77	18.1	16.9	1.01	1290	1.15	1.36	7.6	4.4	660
N812355		3.20	17.15	0.12	1.3	0.043	2.99	25.0	15.3	0.98	747	1.86	2.55	8.0	3.3	660
N812356		3.26	16.65	0.11	1.3	0.049	2.96	20.7	16.6	0.91	840	1.25	2.06	7.6	3.0	630
N812357		3.01	17.20	0.12	1.1	0.075	2.63	19.8	41.8	0.76	1000	1.12	1.23	6.9	2.9	610
N812358		3.34	16.25	0.13	1.1	0.071	3.09	19.1	24.1	0.78	2700	2.60	0.96	7.2	2.8	580
N812359		3.50	16.75	0.12	1.4	0.045	2.74	21.7	19.6	0.98	979	2.59	1.64	8.0	3.4	630
N812360		3.09	17.70	0.11	1.4	0.022	2.64	25.2	17.5	0.89	663	1.73	2.40	8.4	3.1	630
N812361		2.98	17.20	0.12	1.4	0.026	2.57	21.2	17.6	0.78	586	2.14	2.08	8.0	3.4	600
N812362		3.50	15.60	0.09	1.2	0.101	2.95	21.5	29.4	0.91	2350	2.63	0.51	7.1	2.6	570
N812363		2.74	16.25	0.11	1.2	0.027	2.71	18.6	55.2	0.67	961	2.33	0.71	7.1	3.1	600
N812364		3.43	15.30	0.11	1.0	0.091	2.82	25.0	31.9	1.38	2230	2.10	0.09	6.8	2.7	540
N812365		3.13	16.25	0.10	1.4	0.034	2.75	19.9	46.9	0.72	665	1.29	0.44	7.5	2.9	640



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Plus Appendix Pages  
Finalized Date: 21-AUG-2012  
Account: ROCKHA

Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12179926**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812330		9380	109.0	0.002	7.03	217	7.2	4	8.4	119.0	0.46	0.48	7.3	0.180	2.10	5.2
N812331		20.8	87.4	<0.002	0.05	4.98	9.9	1	1.7	328	0.68	<0.05	9.8	0.262	1.40	3.8
N812332		118.0	128.5	<0.002	0.95	16.40	10.2	1	3.3	151.0	0.62	<0.05	13.5	0.236	2.27	5.0
N812333		15.6	90.6	<0.002	0.07	7.75	10.9	2	2.2	199.0	0.70	<0.05	11.1	0.275	1.70	3.1
N812334		16.2	80.7	<0.002	0.04	8.12	10.7	1	2.5	207	0.71	<0.05	11.3	0.291	1.61	2.6
N812335		59.9	94.8	<0.002	0.22	14.95	10.6	1	1.8	190.0	0.69	<0.05	11.5	0.274	2.03	3.7
N812336		52.9	133.5	<0.002	0.39	11.30	10.3	1	2.9	162.5	0.63	<0.05	13.6	0.265	2.21	4.0
N812337		21.3	47.5	<0.002	0.10	12.40	10.3	1	1.6	264	0.62	<0.05	9.5	0.273	0.98	1.8
N812338		95.4	173.5	0.002	0.82	11.10	10.1	<1	2.2	111.5	0.59	<0.05	13.2	0.245	2.56	4.3
N812339		15.8	86.0	<0.002	0.14	11.60	10.8	1	1.9	199.0	0.71	<0.05	11.5	0.278	1.63	3.1
N812340		18.9	79.2	<0.002	0.21	14.20	10.1	1	1.9	217	0.67	<0.05	13.2	0.267	2.20	4.3
N812341		63.0	87.6	<0.002	0.29	11.75	10.7	1	1.9	232	0.68	<0.05	12.1	0.275	2.65	4.6
N812342		2.1	2.0	0.002	0.02	0.17	0.3	<1	0.5	43.8	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N812343		18.7	85.5	<0.002	0.07	10.40	10.7	1	1.9	224	0.62	<0.05	11.3	0.277	1.54	2.7
N812344		20.4	96.7	<0.002	0.07	11.75	11.1	1	1.9	232	0.70	<0.05	11.3	0.296	1.66	2.9
N812345		28.0	89.7	<0.002	0.20	13.05	10.7	<1	1.9	178.5	0.63	<0.05	13.1	0.266	1.74	2.7
N812346		14.9	73.4	0.003	0.06	15.10	11.4	1	1.8	160.0	0.76	<0.05	12.0	0.285	1.22	2.6
N812347		54.7	140.5	0.002	0.33	18.05	10.7	1	1.6	199.5	0.63	<0.05	13.4	0.245	2.26	5.5
N812348		24.6	99.7	<0.002	0.24	17.50	10.0	1	1.5	248	0.55	<0.05	12.5	0.240	2.35	4.4
N812349		1.5	1.8	<0.002	0.01	0.15	0.4	<1	0.4	43.4	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N812350		17.3	96.5	<0.002	0.09	9.47	10.0	1	1.6	212	0.69	<0.05	11.9	0.288	1.65	3.4
N812351		2750	148.5	0.003	5.01	87.2	7.6	1	6.6	92.6	0.49	0.30	10.2	0.188	2.03	5.4
N812352		18.3	83.0	<0.002	0.14	10.35	10.8	<1	1.7	213	0.68	<0.05	11.1	0.271	1.86	3.9
N812353		17.2	94.3	0.002	0.05	4.60	10.4	1	1.6	307	0.66	<0.05	11.8	0.282	1.24	3.7
N812354		19.1	103.0	<0.002	0.21	4.96	10.9	1	1.8	283	0.65	<0.05	10.5	0.273	1.87	3.8
N812355		24.5	118.0	<0.002	0.10	3.48	11.3	1	1.7	359	0.66	<0.05	14.3	0.298	1.39	4.2
N812356		19.9	106.5	0.002	0.09	4.00	10.8	1	1.6	308	0.66	<0.05	12.5	0.283	1.46	3.9
N812357		24.4	104.5	<0.002	0.26	7.88	9.8	1	1.7	239	0.62	<0.05	10.9	0.266	1.78	3.7
N812358		134.5	123.0	0.003	0.32	6.98	10.3	1	1.8	246	0.65	<0.05	12.3	0.265	1.85	4.2
N812359		19.7	105.0	<0.002	0.04	3.00	11.8	1	1.8	342	0.69	<0.05	12.9	0.291	1.27	4.4
N812360		17.7	103.5	<0.002	0.01	1.27	11.6	1	1.8	429	0.80	<0.05	13.7	0.278	1.01	5.0
N812361		19.1	93.3	0.002	0.03	3.26	11.0	1	1.8	375	0.75	<0.05	12.4	0.268	1.12	4.4
N812362		62.3	120.5	0.002	0.34	8.08	10.0	1	1.9	177.5	0.65	<0.05	11.5	0.258	2.35	4.1
N812363		17.9	93.8	<0.002	0.18	8.12	10.1	1	1.7	229	0.62	<0.05	11.4	0.269	2.40	4.1
N812364		55.7	130.5	<0.002	0.35	10.05	10.5	1	1.9	179.0	0.63	<0.05	12.4	0.245	2.28	4.6
N812365		24.6	93.4	<0.002	0.06	9.11	10.4	1	1.7	205	0.77	<0.05	12.2	0.276	1.33	4.8





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 Account: ROCKHA

Project: Klaza-91

**CERTIFICATE OF ANALYSIS WH12179926**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812330		53	4.6	7.9	>10000	33.2	122	1.655
N812331		75	2.3	13.1	61	37.8		
N812332		69	3.5	13.4	335	32.9		
N812333		79	2.9	13.4	75	36.5		
N812334		81	2.6	12.6	82	36.1		
N812335		76	2.6	12.5	227	30.2		
N812336		72	2.9	12.8	137	27.7		
N812337		79	2.5	12.9	230	32.0		
N812338		69	4.3	13.1	277	29.8		
N812339		76	2.5	12.9	85	33.9		
N812340		74	2.1	13.6	72	30.0		
N812341		81	1.8	13.3	122	30.6		
N812342		3	0.1	0.7	16	<0.5		
N812343		76	2.5	12.1	72	28.3		
N812344		81	2.7	13.1	75	33.5		
N812345		75	2.4	13.8	92	30.4		
N812346		79	3.7	12.3	77	29.6		
N812347		70	2.5	15.2	112	28.2		
N812348		69	2.5	14.4	85	25.7		
N812349		4	0.1	0.8	14	<0.5		
N812350		75	2.5	11.8	69	29.1		
N812351		58	5.4	9.0	5160	22.3		
N812352		78	2.1	14.1	62	28.8		
N812353		79	1.9	13.1	54	31.3		
N812354		80	3.2	13.6	68	31.2		
N812355		82	2.4	15.5	70	32.4		
N812356		80	2.1	13.7	67	31.5		
N812357		83	2.7	13.0	80	29.0		
N812358		76	4.0	13.1	1040	28.9		
N812359		84	2.8	15.9	62	33.3		
N812360		79	1.7	17.5	53	33.2		
N812361		77	1.7	15.3	52	34.3		
N812362		73	3.1	14.2	131	29.9		
N812363		77	1.5	12.0	56	29.8		
N812364		70	3.0	16.2	135	26.5		
N812365		77	5.9	14.0	58	34.6		



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**CERTIFICATE OF ANALYSIS WH12179926**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12179927**

Project: Klaza - 94

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12179927**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812178		2.08	0.037	1.73	6.87	411	990	1.54	0.19	2.94	1.64	40.9	7.8	9	15.30	8.9
N812179		0.23	0.833	9.41	6.22	1760	190	1.38	6.44	1.89	39.3	35.1	15.8	19	14.20	103.0
N812180		0.05	<0.005	0.15	6.79	9.5	1910	1.58	0.09	2.77	0.12	38.8	8.8	12	15.25	7.9
N812181		3.81	0.012	0.32	6.58	17.8	1860	1.44	0.08	2.76	0.09	34.3	7.6	13	13.30	10.5
N812182		2.49	<0.005	0.24	6.46	27.9	890	1.58	0.11	3.34	0.18	35.6	8.2	12	13.85	11.6
N812183		4.25	<0.005	0.22	7.07	69.9	1530	1.43	0.07	2.33	0.45	35.6	8.0	9	15.80	6.8
N812184		3.23	0.054	2.94	6.95	185.5	1670	1.57	0.27	2.50	8.43	43.1	9.3	9	16.20	76.3
N812185		5.42	<0.005	0.15	0.12	<5	20	0.07	0.04	21.2	0.06	1.20	0.9	2	0.54	2.7
N812186		2.86	<0.005	0.13	6.76	3.9	1710	1.53	0.36	3.13	0.11	34.6	7.7	12	13.55	3.0
N812187		1.87	<0.005	0.17	6.64	15.4	1080	1.39	0.21	2.92	0.17	35.6	8.0	9	19.45	5.0
N812188		3.11	<0.005	0.19	7.15	3.6	2060	1.53	0.10	2.90	0.09	39.0	8.6	13	11.40	7.3
N812189		<0.02	<0.005	0.08	6.97	1.9	2000	1.49	0.08	2.81	0.10	37.7	8.4	13	10.70	6.3
N812190		2.60	<0.005	0.05	7.03	2.4	2070	1.49	0.08	2.85	0.07	38.7	8.4	14	9.89	5.8
N812191		5.56	<0.005	0.06	7.13	2.9	2250	1.44	0.07	2.85	0.07	38.0	8.5	15	10.60	6.2
N812192		5.25	<0.005	0.04	7.10	3.2	2070	1.46	0.08	2.75	0.05	37.8	8.1	18	12.00	4.3
N812193		2.16	<0.005	0.05	7.32	2.7	1900	1.48	0.07	2.35	0.05	38.6	8.2	11	11.00	3.7
N812194		3.16	<0.005	0.06	6.84	1.8	1660	1.53	0.09	2.77	0.16	35.0	7.0	11	17.75	3.4
N812195		5.71	<0.005	0.04	7.24	3.2	2100	1.60	0.06	2.71	0.07	38.8	8.1	12	13.85	4.6
N812196		3.55	<0.005	0.04	7.05	0.3	2120	1.43	0.08	2.82	0.05	37.2	8.2	12	13.30	5.4
N812197		3.92	<0.005	0.07	6.56	7.1	1560	1.49	0.09	3.11	0.11	37.7	7.9	10	13.30	6.2
N812198		3.31	<0.005	0.05	6.93	4.9	1480	1.70	0.09	2.89	0.11	35.0	8.2	10	16.05	4.9
N812199		3.74	<0.005	0.10	6.68	9.1	1830	1.42	0.11	3.00	0.28	37.0	7.5	10	18.50	6.9
N812200		1.85	<0.005	0.16	6.48	23.7	1580	1.62	0.29	2.99	0.11	37.9	7.0	11	17.50	8.1
N812201		2.04	<0.005	0.06	6.92	5.4	1810	1.47	0.13	2.83	0.08	34.6	7.5	25	16.45	3.6
N812202		0.90	<0.005	0.05	6.90	3.4	1860	1.55	0.12	2.82	0.09	36.1	7.7	10	17.40	4.4
N812203		3.41	0.009	0.19	6.40	32.7	1040	1.43	0.15	3.16	0.75	38.7	7.2	11	15.25	9.0
N812204		4.11	<0.005	0.06	6.70	6.7	1920	1.46	0.10	3.06	0.09	34.7	7.5	13	20.7	5.7
N812205		4.37	<0.005	0.05	7.01	3.2	2160	1.65	0.07	2.92	0.07	39.3	8.6	16	10.65	6.9
N812206		5.21	<0.005	0.05	7.45	<0.2	2340	1.80	0.08	2.96	0.06	40.2	9.0	15	11.90	6.2
N812207		4.79	<0.005	0.04	6.83	2.7	2020	1.53	0.06	2.88	0.06	34.3	7.6	13	13.50	5.5
N812208		0.25	0.787	10.50	6.26	1805	200	1.43	6.41	1.88	41.5	41.4	16.6	19	15.65	106.5
N812209		4.27	<0.005	0.48	6.68	9.5	1980	1.62	0.07	2.77	0.13	34.1	7.9	11	20.2	6.9
N812210		4.53	<0.005	0.09	6.72	6.5	2020	1.43	0.06	2.59	0.08	35.5	7.9	12	20.1	6.6
N812211		5.07	<0.005	0.04	6.59	1.4	2020	1.44	0.05	2.52	0.11	34.0	7.6	13	10.45	4.3
N812212		1.49	0.009	0.10	6.80	16.0	1510	1.38	0.07	2.29	0.13	33.6	6.8	9	19.35	5.0
N812213		2.28	<0.005	0.01	0.06	<5	20	<0.05	0.03	21.4	0.05	0.93	2.2	1	0.13	1.9



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Account: ROCKHA

Project: Klaza - 94

**CERTIFICATE OF ANALYSIS WH12179927**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812178		3.11	16.05	0.10	1.3	0.034	2.92	20.0	39.3	0.99	2820	0.42	0.04	7.0	2.7	570
N812179		5.28	13.95	0.08	1.3	0.822	2.76	18.4	23.6	0.68	1910	11.60	0.26	6.6	14.4	480
N812180		3.25	16.90	0.09	1.3	0.035	2.50	17.7	17.4	0.82	843	0.95	1.83	8.3	3.2	650
N812181		2.95	15.25	0.09	1.3	0.038	2.67	16.3	13.5	0.75	959	0.74	1.80	7.2	2.8	570
N812182		3.06	15.00	0.09	1.2	0.047	2.97	16.8	34.6	1.01	1670	1.27	0.37	6.9	3.4	550
N812183		2.76	15.85	0.10	1.4	0.030	2.53	16.5	68.6	0.64	1060	1.25	0.41	7.6	2.8	610
N812184		3.39	16.50	0.10	1.3	0.074	2.55	19.7	60.6	0.80	3870	2.17	0.10	8.0	3.1	740
N812185		0.48	0.32	0.07	<0.1	<0.005	0.05	0.6	1.8	12.55	219	0.26	0.01	0.1	2.3	170
N812186		3.03	15.05	0.07	1.1	0.036	2.59	16.3	17.8	0.74	912	0.36	1.83	7.2	2.7	610
N812187		2.98	15.10	0.10	1.0	0.030	3.12	18.1	20.9	1.01	1560	0.56	0.07	6.7	2.8	570
N812188		3.18	16.75	0.09	1.2	0.026	2.55	19.0	22.7	0.87	803	0.72	1.99	7.5	3.1	630
N812189		3.03	16.35	0.08	1.1	0.028	2.48	17.6	21.5	0.85	746	0.74	1.99	7.4	2.9	610
N812190		3.01	16.45	0.11	1.2	0.026	2.47	18.1	18.2	0.86	663	0.80	2.25	7.8	2.9	600
N812191		3.09	16.40	0.11	1.2	0.028	2.49	17.9	19.1	0.91	668	2.91	2.29	7.5	3.0	620
N812192		3.08	15.90	0.09	1.2	0.023	2.52	18.9	17.1	0.87	665	5.82	2.43	7.3	2.9	620
N812193		3.12	16.60	0.09	1.2	0.032	2.60	18.7	18.7	0.78	567	1.01	1.77	7.5	2.9	620
N812194		2.73	15.90	0.08	1.4	0.026	2.55	16.9	24.8	0.69	721	2.24	1.13	7.6	2.7	560
N812195		3.12	16.45	0.10	1.2	0.029	2.53	19.8	21.0	0.78	633	2.83	1.63	7.6	2.8	640
N812196		2.96	16.10	0.10	1.2	0.023	2.60	18.2	16.0	0.76	653	8.82	1.90	7.4	2.8	600
N812197		2.81	15.55	0.09	1.1	0.022	2.39	19.0	31.6	0.80	820	1.12	1.02	7.3	2.7	580
N812198		3.14	15.80	0.10	1.2	0.027	2.68	17.2	72.1	0.83	773	0.78	1.14	7.4	2.8	580
N812199		2.89	15.50	0.11	1.1	0.025	2.81	17.3	44.8	0.71	973	2.41	1.10	7.1	2.6	580
N812200		2.72	15.90	0.10	1.4	0.028	2.92	18.9	37.8	0.70	1280	0.56	0.42	7.5	2.8	530
N812201		2.99	15.45	0.10	1.2	0.025	2.82	16.1	44.9	0.71	763	0.73	1.45	7.0	2.9	590
N812202		2.98	15.95	0.10	1.3	0.025	2.80	17.3	42.1	0.68	743	0.77	1.46	7.3	2.8	600
N812203		2.87	14.25	0.10	1.1	0.024	2.87	19.8	25.9	0.98	1560	0.74	0.33	6.9	2.6	530
N812204		2.92	15.35	0.09	1.3	0.025	2.73	16.1	25.1	0.82	794	1.19	1.78	7.2	2.8	590
N812205		3.11	16.10	0.10	1.3	0.029	2.47	18.2	14.1	0.92	701	5.75	2.24	8.3	3.1	630
N812206		3.26	17.45	0.11	1.3	0.028	2.60	18.5	20.2	0.92	705	1.29	2.46	8.4	3.2	640
N812207		2.91	15.75	0.11	1.2	0.021	2.62	16.1	12.2	0.78	665	4.02	2.12	7.6	2.7	580
N812208		5.26	15.00	0.10	1.4	0.865	2.76	20.2	26.1	0.68	1900	12.50	0.26	7.1	15.3	470
N812209		2.97	16.05	0.10	1.3	0.026	2.65	16.4	73.1	0.75	926	0.93	1.03	7.5	2.8	580
N812210		2.95	15.95	0.11	1.3	0.026	2.53	15.9	35.8	0.75	674	0.78	1.61	7.6	2.8	600
N812211		2.73	15.75	0.10	1.5	0.021	2.43	16.6	17.7	0.77	606	1.34	2.12	7.5	2.8	550
N812212		2.67	14.85	0.09	1.6	0.032	2.69	16.3	56.3	0.72	1160	5.67	0.76	6.6	2.5	520
N812213		0.49	0.17	0.09	<0.1	<0.005	0.02	<0.5	0.9	12.75	215	0.12	0.01	0.1	1.6	170



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**CERTIFICATE OF ANALYSIS WH12179927**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N812178		173.5	114.5	<0.002	0.41	20.8	10.2	1	1.6	123.5	0.64	<0.05	10.1	0.264	5.9
N812179		1325	125.5	0.002	3.10	30.6	7.9	1	5.4	137.0	0.55	0.26	9.7	0.208	4.3
N812180		20.9	81.6	<0.002	0.03	2.79	11.4	1	1.6	370	0.71	<0.05	9.4	0.293	3.5
N812181		19.7	89.1	<0.002	0.04	3.55	9.3	1	1.4	356	0.69	<0.05	9.0	0.263	3.5
N812182		21.3	98.2	<0.002	0.21	7.09	10.1	1	1.5	177.5	0.59	<0.05	8.4	0.264	3.5
N812183		69.1	79.7	<0.002	0.18	8.60	10.2	1	1.6	263	0.72	<0.05	10.0	0.270	4.4
N812184		325	91.1	<0.002	0.60	52.3	11.6	1	1.9	198.0	0.69	<0.05	10.9	0.290	4.7
N812185		2.1	3.2	<0.002	0.01	0.12	0.4	1	0.2	42.0	<0.05	<0.05	<0.2	<0.005	0.5
N812186		20.5	79.0	<0.002	0.01	5.85	9.8	1	1.5	326	0.63	<0.05	8.1	0.280	2.7
N812187		12.3	115.0	<0.002	0.15	26.1	9.9	1	1.6	119.0	0.52	<0.05	9.0	0.261	3.7
N812188		16.0	81.0	<0.002	0.03	3.36	11.1	1	1.6	374	0.63	<0.05	9.2	0.284	3.1
N812189		15.0	78.9	<0.002	0.03	2.91	10.3	1	1.6	373	0.58	<0.05	8.4	0.278	2.7
N812190		15.4	84.8	<0.002	0.01	0.85	10.8	1	1.5	406	0.65	<0.05	9.3	0.268	3.7
N812191		15.0	77.2	<0.002	0.01	0.83	11.0	1	1.5	434	0.58	<0.05	9.3	0.281	3.2
N812192		16.0	81.2	0.002	0.01	1.71	10.3	1	1.4	402	0.63	<0.05	10.1	0.278	3.2
N812193		15.9	84.1	<0.002	0.01	3.52	11.2	1	1.5	320	0.60	<0.05	10.4	0.281	2.5
N812194		20.6	75.3	<0.002	0.02	6.39	9.9	<1	1.5	315	0.77	<0.05	10.4	0.260	2.6
N812195		15.5	79.3	<0.002	0.01	4.26	11.0	1	1.5	331	0.62	<0.05	9.6	0.283	2.9
N812196		15.5	79.9	0.002	0.01	3.16	10.0	1	1.5	382	0.63	<0.05	9.6	0.271	3.1
N812197		13.0	81.5	<0.002	0.08	9.60	10.1	1	1.6	222	0.59	<0.05	9.2	0.264	3.0
N812198		13.9	84.3	<0.002	0.03	5.17	10.3	1	1.7	261	0.61	<0.05	9.4	0.270	3.0
N812199		22.1	91.8	<0.002	0.06	7.36	9.5	<1	1.7	330	0.60	<0.05	9.2	0.263	3.0
N812200		14.9	106.5	<0.002	0.14	6.76	9.6	1	1.5	188.5	0.73	<0.05	11.2	0.249	4.2
N812201		17.6	84.7	<0.002	0.03	3.46	9.7	1	1.5	320	0.61	<0.05	9.8	0.269	3.0
N812202		17.9	85.4	<0.002	0.03	3.68	10.0	1	1.6	328	0.63	<0.05	9.9	0.267	3.1
N812203		17.7	111.5	<0.002	0.16	8.78	9.4	1	1.5	122.5	0.62	<0.05	10.6	0.248	4.6
N812204		15.1	78.0	<0.002	0.03	4.37	9.4	1	1.5	343	0.65	<0.05	8.9	0.267	3.4
N812205		15.2	76.4	0.002	0.01	1.23	11.1	1	1.6	409	0.70	<0.05	10.5	0.283	4.2
N812206		16.2	80.2	<0.002	0.01	1.09	11.4	1	1.6	454	0.70	<0.05	10.6	0.292	4.5
N812207		15.5	82.6	<0.002	0.01	1.39	9.8	1	1.5	358	0.68	<0.05	9.7	0.263	4.0
N812208		1295	140.0	<0.002	3.09	33.4	8.6	1	5.7	146.5	0.58	0.24	10.3	0.209	4.6
N812209		16.8	83.9	<0.002	0.12	6.68	10.0	1	1.7	279	0.65	<0.05	9.0	0.264	3.2
N812210		16.9	85.8	<0.002	0.03	4.74	10.8	<1	1.8	367	0.61	<0.05	8.9	0.275	3.6
N812211		16.8	82.5	<0.002	0.01	1.03	9.6	1	1.5	387	0.61	<0.05	10.2	0.252	3.6
N812212		20.1	88.4	<0.002	0.12	7.49	8.8	1	1.5	260	0.62	<0.05	10.9	0.238	4.7
N812213		1.3	0.8	<0.002	0.02	0.07	0.2	1	<0.2	47.3	<0.05	<0.05	<0.2	<0.005	0.4



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**CERTIFICATE OF ANALYSIS WH12179927**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N812178		79	1.9	12.6	232	32.0
N812179		56	5.1	9.6	2940	35.7
N812180		88	1.2	14.4	67	33.6
N812181		73	1.6	12.9	59	32.3
N812182		74	2.0	13.0	78	29.9
N812183		77	3.0	12.5	81	34.1
N812184		91	3.4	15.0	1090	31.3
N812185		4	0.1	0.8	14	<0.5
N812186		79	1.2	11.1	84	25.7
N812187		74	1.4	12.1	65	25.1
N812188		81	1.0	14.4	59	30.7
N812189		78	0.5	13.4	58	28.0
N812190		77	1.3	15.0	51	29.7
N812191		79	0.6	14.6	53	29.3
N812192		79	1.1	14.0	51	29.9
N812193		78	0.9	13.4	54	31.8
N812194		73	0.9	13.1	55	32.2
N812195		81	1.0	13.6	55	30.0
N812196		76	0.8	12.8	48	30.2
N812197		73	1.3	12.5	56	28.4
N812198		76	1.3	12.0	57	29.8
N812199		74	1.2	12.1	70	27.3
N812200		70	1.4	12.5	63	36.0
N812201		76	0.8	11.5	59	27.4
N812202		75	0.9	12.3	57	32.7
N812203		66	1.6	12.1	131	27.4
N812204		74	1.1	11.6	56	31.3
N812205		82	1.7	15.3	55	34.1
N812206		84	2.2	15.8	57	32.8
N812207		75	1.1	13.1	51	31.8
N812208		56	5.2	10.6	2930	40.0
N812209		74	3.0	12.2	52	34.1
N812210		78	2.3	12.9	54	32.1
N812211		69	0.7	13.2	52	48.7
N812212		64	1.0	11.1	58	47.9
N812213		2	0.1	0.7	13	<0.5



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**CERTIFICATE OF ANALYSIS WH12179927**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12179928**

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P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12179928**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812142		4.20	<0.005	0.26	7.03	17.2	1660	1.62	0.18	4.03	0.37	46.5	7.8	12	17.25	11.6
N812143		3.81	<0.005	0.02	0.05	<5	20	<0.05	0.05	20.8	0.07	1.14	0.6	2	0.09	2.2
N812144		4.96	<0.005	0.23	6.73	12.0	1990	1.43	0.12	3.38	0.17	39.9	8.0	10	19.70	8.7
N812145		2.37	0.013	0.22	6.69	82.3	1600	1.55	0.11	2.91	0.51	38.0	7.4	12	14.95	10.5
N812146		3.67	<0.005	0.12	7.04	11.1	1270	1.56	0.07	2.83	0.52	36.3	7.5	12	19.65	9.3
N812147		5.37	<0.005	0.10	6.66	5.6	1620	1.45	0.06	3.03	0.12	36.2	7.4	11	17.90	7.8
N812148		1.75	<0.005	0.06	6.80	10.6	1600	1.63	0.09	2.24	0.08	32.1	6.0	10	18.85	5.2
N812149		0.77	<0.005	0.12	7.24	9.2	1690	1.75	0.08	2.36	0.09	35.1	7.2	11	22.6	9.5
N812150		2.73	<0.005	0.09	7.03	10.9	1290	1.49	0.11	3.35	0.10	43.7	6.6	9	17.25	11.6
N812151		4.40	<0.005	0.11	7.01	11.2	2260	1.45	0.24	3.46	0.16	47.5	7.8	10	16.15	13.6
N812152		2.69	0.017	0.30	6.72	92.7	3870	1.38	0.18	3.74	0.93	49.0	7.0	9	15.15	6.9
N812153		4.83	<0.005	0.08	7.07	54.7	640	1.74	0.14	3.49	0.37	47.2	5.2	14	23.0	19.1
N812154		0.25	0.748	10.40	6.77	1885	210	1.40	6.52	1.94	44.1	43.9	17.0	22	16.85	113.5
N812155		2.64	<0.005	0.07	6.75	51.4	1450	1.58	0.13	2.81	0.38	45.0	5.4	13	20.6	12.7
N812156		1.78	<0.005	0.47	7.31	50.5	3050	1.56	0.27	2.35	1.21	45.3	10.0	9	28.2	17.2
N812157		4.55	<0.005	0.02	0.15	<5	30	0.09	0.04	21.1	0.07	1.40	0.8	2	0.57	3.6
N812158		1.92	<0.005	0.10	6.87	19.1	2130	1.38	0.17	2.81	3.12	36.0	7.8	10	29.2	9.1
N812159		4.20	<0.005	0.29	7.07	19.0	2230	1.48	0.10	2.75	0.26	41.8	8.2	11	22.8	12.7
N812160		5.52	<0.005	0.54	7.23	20.0	2040	1.48	0.10	2.72	3.86	42.5	8.1	12	17.55	13.0
N812161		2.47	0.007	0.52	7.08	46.6	1190	1.55	0.24	2.94	2.38	40.8	7.5	12	19.60	42.2
N812162		3.39	<0.005	0.07	7.40	5.1	2140	1.37	0.05	2.87	0.10	42.2	8.2	12	13.55	10.7
N812163		0.25	0.767	10.45	6.71	1865	220	1.48	6.43	1.90	44.1	45.8	17.1	20	17.55	111.5
N812164		3.89	<0.005	0.11	7.38	4.6	2100	1.40	0.06	2.89	0.18	39.4	7.9	13	11.65	7.2
N812165		2.76	<0.005	0.07	7.40	5.1	2040	1.33	0.06	3.03	0.16	40.0	8.3	13	16.85	11.6
N812166		2.41	<0.005	0.54	7.25	12.5	1670	1.37	0.08	2.15	5.63	42.6	8.0	11	16.95	32.8
N812167		4.19	<0.005	0.10	7.39	4.4	2180	1.40	0.06	2.95	0.15	40.5	8.0	13	11.05	12.7
N812168		<0.02	<0.005	0.10	7.25	4.5	2150	1.41	0.06	2.97	0.13	38.4	7.8	13	10.95	11.0
N812169		3.62	<0.005	0.09	7.48	4.3	2210	1.47	0.06	3.02	0.17	39.5	9.0	12	15.65	12.4
N812170		5.40	<0.005	0.07	7.49	4.0	2080	1.43	0.06	2.84	0.12	42.8	8.0	14	13.15	8.8
N812171		3.96	<0.005	0.11	7.41	3.8	2030	1.34	0.06	2.84	0.30	42.4	8.0	12	10.80	12.5
N812172		2.89	<0.005	0.06	7.35	3.7	2170	1.45	0.07	2.98	0.10	44.3	8.1	13	9.09	7.4
N812173		4.05	<0.005	0.08	7.09	3.7	2060	1.36	0.05	3.07	0.11	40.6	7.9	15	9.34	6.6
N812174		5.55	<0.005	0.06	7.51	3.5	2270	1.42	0.06	2.83	0.09	43.4	8.0	14	8.65	7.7
N812175		5.63	<0.005	0.60	6.94	3.9	2000	1.40	0.09	2.89	0.10	38.4	8.3	12	12.80	9.0
N812176		5.23	<0.005	0.05	7.29	2.6	2060	1.38	0.05	2.66	0.08	46.0	8.6	14	10.10	10.3
N812177		4.39	<0.005	0.11	7.32	13.5	2080	1.29	0.05	2.77	0.24	39.3	7.8	13	11.25	9.9



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VANCOUVER BC V6B 1L8

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**CERTIFICATE OF ANALYSIS WH12179928**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812142		2.97	13.70	0.11	1.3	0.029	2.68	25.1	41.8	1.01	1470	0.82	0.03	7.3	3.2	570
N812143		0.45	0.15	0.11	<0.1	<0.005	0.02	0.6	1.1	12.35	201	0.13	<0.01	0.1	2.0	170
N812144		3.08	13.65	0.11	1.2	0.026	2.73	19.7	21.8	0.92	1010	0.62	0.97	7.1	2.8	620
N812145		2.75	13.60	0.11	1.1	0.026	2.93	18.9	24.8	0.76	1540	0.59	0.56	6.6	2.5	580
N812146		2.90	14.05	0.09	1.2	0.023	2.74	18.5	38.5	0.76	1000	0.45	0.67	7.1	2.6	620
N812147		2.92	13.80	0.10	1.2	0.024	2.53	17.2	35.8	0.84	806	0.46	1.24	6.9	2.7	580
N812148		2.67	13.90	0.09	1.3	0.024	3.03	14.9	34.6	0.63	946	0.55	0.23	6.8	2.6	600
N812149		2.92	14.95	0.08	1.3	0.025	3.03	16.6	49.1	0.63	886	0.56	0.63	7.3	2.9	650
N812150		2.89	13.55	0.13	1.2	0.028	3.21	23.4	11.8	1.06	1840	0.93	0.05	6.8	2.6	570
N812151		2.89	14.05	0.12	1.2	0.031	3.23	25.3	14.8	1.07	1360	0.40	0.04	6.7	2.5	580
N812152		2.97	12.50	0.11	1.4	0.034	2.75	26.7	27.9	1.08	2820	3.31	0.03	6.5	2.7	580
N812153		2.30	17.90	0.10	3.5	0.017	1.93	22.8	165.0	0.65	500	1.26	0.08	10.0	4.7	980
N812154		5.39	14.50	0.08	1.4	0.960	2.86	22.4	26.6	0.69	2080	11.80	0.27	7.4	15.3	520
N812155		2.33	17.70	0.07	3.5	0.020	1.58	22.7	273	0.63	509	1.22	0.06	10.1	4.7	950
N812156		2.90	15.60	0.13	1.5	0.041	2.48	22.7	203	0.82	908	4.49	0.34	8.0	3.2	650
N812157		0.47	0.36	0.07	<0.1	<0.005	0.06	0.7	2.5	12.60	221	0.11	0.01	0.2	2.3	180
N812158		3.04	14.05	0.11	1.4	0.031	2.50	17.2	37.9	0.75	786	0.75	1.72	7.3	3.2	630
N812159		2.90	15.50	0.12	1.5	0.027	2.53	19.5	20.7	0.78	781	0.69	2.01	7.9	2.9	610
N812160		3.11	15.15	0.11	1.3	0.062	2.56	20.4	16.7	0.79	857	0.53	1.93	7.5	2.8	650
N812161		3.03	14.00	0.09	1.2	0.037	3.03	22.3	17.0	0.90	2110	0.60	0.30	6.6	2.8	610
N812162		3.08	15.55	0.11	1.3	0.022	2.48	20.1	20.0	0.84	763	0.71	2.16	7.5	3.2	650
N812163		5.30	14.60	0.12	1.3	0.938	2.81	23.1	26.5	0.69	2040	11.35	0.26	7.2	15.6	510
N812164		2.95	15.45	0.11	1.2	0.025	2.54	19.4	11.5	0.84	717	0.64	2.19	7.2	2.8	640
N812165		3.18	15.45	0.07	1.2	0.026	2.57	20.8	18.0	0.86	816	0.80	1.97	7.4	3.1	660
N812166		3.16	15.10	0.08	1.3	0.123	2.52	20.4	49.7	0.77	1080	0.73	0.14	7.2	2.7	610
N812167		3.10	15.00	0.08	1.4	0.030	2.53	19.0	22.1	0.86	782	0.83	2.14	7.4	2.9	650
N812168		3.08	14.90	0.09	1.3	0.023	2.49	17.5	20.9	0.85	780	0.80	2.11	7.3	3.0	630
N812169		3.32	15.55	0.12	1.4	0.030	2.52	19.3	21.0	0.88	791	1.04	2.08	7.6	3.0	710
N812170		3.02	15.10	0.13	1.5	0.025	2.53	21.5	28.2	0.84	705	0.78	2.20	7.5	2.9	630
N812171		3.12	15.00	0.11	1.5	0.022	2.52	20.2	26.2	0.86	786	0.83	2.03	7.6	2.9	630
N812172		3.14	14.90	0.08	1.6	0.030	2.45	20.6	21.5	0.93	789	0.68	2.29	7.8	3.5	640
N812173		3.08	14.75	0.08	1.4	0.031	2.40	18.4	20.5	0.90	795	0.58	2.18	7.4	2.8	650
N812174		3.09	15.35	0.08	1.2	0.026	2.47	21.1	13.9	0.89	732	0.61	2.38	7.3	2.9	640
N812175		3.17	14.85	0.10	1.3	0.025	2.35	18.6	15.6	0.87	812	0.80	2.02	7.4	3.1	660
N812176		3.02	15.85	0.12	1.3	0.025	2.35	22.1	18.0	0.89	723	0.61	2.26	7.9	3.0	640
N812177		3.06	14.65	0.09	1.3	0.026	2.59	18.9	16.0	0.80	983	0.71	1.95	7.4	2.8	630



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Project: Klaza - 94

**CERTIFICATE OF ANALYSIS WH12179928**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812142		31.7	132.0	0.002	0.15	8.53	10.6	<1	1.7	220	0.62	<0.05	11.4	0.255	2.09	6.8
N812143		1.8	0.8	0.004	0.02	0.09	0.1	<1	0.4	51.5	<0.05	<0.05	<0.2	<0.005	0.03	0.7
N812144		19.1	101.0	0.003	0.06	5.62	10.3	1	1.8	261	0.58	<0.05	8.3	0.270	1.61	4.7
N812145		88.1	123.0	0.004	0.28	8.96	9.9	<1	1.8	201	0.54	<0.05	9.2	0.255	2.02	5.4
N812146		54.8	95.1	0.002	0.15	5.24	10.1	1	1.9	244	0.59	<0.05	9.0	0.270	1.53	3.8
N812147		20.8	96.2	0.002	0.03	4.25	9.5	<1	1.9	258	0.60	<0.05	8.0	0.252	1.55	2.3
N812148		14.4	116.5	0.003	0.09	6.23	9.3	<1	1.7	164.5	0.57	<0.05	8.3	0.257	2.14	4.9
N812149		19.8	114.5	<0.002	0.06	5.83	10.6	1	2.2	211	0.64	<0.05	8.9	0.276	1.99	4.3
N812150		34.6	134.0	0.004	0.15	7.27	10.4	<1	2.6	99.8	0.57	<0.05	10.9	0.251	2.27	9.1
N812151		17.1	142.5	0.002	0.15	4.49	10.2	<1	2.9	127.0	0.58	<0.05	11.4	0.250	2.03	5.9
N812152		34.1	135.5	0.004	0.43	10.45	9.5	<1	1.8	164.0	0.57	<0.05	11.3	0.241	1.78	7.3
N812153		31.6	55.9	0.002	0.02	9.71	4.5	<1	2.0	562	0.72	<0.05	7.1	0.297	1.09	3.1
N812154		1320	154.0	0.005	3.23	31.9	8.9	1	6.0	155.5	0.60	0.51	10.5	0.215	2.45	5.0
N812155		40.6	47.9	0.003	0.04	17.50	4.3	1	2.2	543	0.73	<0.05	6.5	0.285	0.91	2.6
N812156		54.1	89.3	0.003	0.25	17.85	10.9	1	2.6	285	0.71	<0.05	11.0	0.268	1.53	4.0
N812157		1.5	3.5	0.004	0.01	0.06	0.3	<1	0.3	47.8	<0.05	<0.05	<0.2	0.005	0.04	0.4
N812158		96.6	89.7	0.003	0.15	4.07	10.5	<1	1.8	370	0.65	<0.05	9.1	0.272	1.36	3.7
N812159		79.1	95.8	<0.002	0.08	2.24	10.7	1	2.2	409	0.73	<0.05	9.6	0.265	1.20	4.3
N812160		136.0	92.4	0.003	0.15	2.55	11.5	<1	2.3	399	0.60	<0.05	9.2	0.277	1.16	3.1
N812161		91.1	123.5	0.005	0.38	15.15	10.4	<1	2.1	173.5	0.54	<0.05	10.1	0.268	1.83	4.2
N812162		18.3	85.0	0.002	0.02	1.09	10.7	1	2.1	427	0.62	<0.05	9.3	0.273	0.97	3.3
N812163		1305	157.5	0.005	3.15	32.9	9.1	1	5.9	154.5	0.57	0.32	10.5	0.211	2.46	5.0
N812164		23.7	81.5	0.004	0.01	1.34	10.4	<1	1.8	430	0.60	<0.05	9.0	0.272	0.96	3.0
N812165		20.3	85.4	0.003	0.02	1.64	11.0	1	2.4	420	0.61	<0.05	9.4	0.278	1.04	3.5
N812166		304	82.0	<0.002	0.14	13.15	10.5	<1	2.8	171.0	0.63	<0.05	10.3	0.264	1.28	4.4
N812167		21.2	84.9	0.003	0.02	2.29	10.4	<1	2.1	420	0.66	<0.05	9.4	0.275	0.94	3.5
N812168		21.3	79.9	0.003	0.02	2.21	9.9	<1	2.0	417	0.64	<0.05	8.8	0.271	0.96	3.4
N812169		24.3	82.6	0.005	0.02	1.82	11.4	<1	2.0	429	0.68	<0.05	9.7	0.297	0.98	3.5
N812170		20.6	84.5	0.004	0.01	1.54	10.7	1	2.0	413	0.66	<0.05	10.4	0.269	0.91	3.7
N812171		25.1	82.5	0.003	0.02	1.90	10.4	1	1.9	402	0.72	<0.05	10.2	0.269	0.95	4.2
N812172		18.0	80.7	0.002	0.01	0.89	10.9	1	1.7	433	0.76	<0.05	10.7	0.272	0.95	4.4
N812173		20.0	74.2	0.004	0.01	1.16	10.4	<1	1.8	432	0.63	<0.05	8.8	0.274	0.89	3.1
N812174		17.3	82.2	0.003	0.01	1.28	10.8	<1	1.7	450	0.58	<0.05	9.4	0.273	0.89	3.5
N812175		18.0	79.1	0.005	0.02	1.82	10.8	<1	1.9	393	0.61	<0.05	9.4	0.278	1.01	3.0
N812176		17.1	83.1	0.005	<0.01	0.86	11.6	1	2.1	411	0.63	<0.05	10.0	0.269	0.89	3.3
N812177		24.8	89.5	0.004	0.10	2.08	10.4	1	2.1	405	0.63	<0.05	9.4	0.273	1.11	3.6



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**CERTIFICATE OF ANALYSIS WH12179928**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N812142		72	1.5	14.9	78	30.9
N812143		2	0.1	0.7	15	<0.5
N812144		81	1.0	14.9	77	27.5
N812145		72	1.4	12.5	81	28.2
N812146		76	1.3	11.9	104	30.8
N812147		72	1.0	11.5	69	28.9
N812148		72	1.2	10.0	55	33.4
N812149		80	1.2	11.6	62	30.0
N812150		71	1.5	14.1	52	30.6
N812151		75	1.1	15.6	72	30.2
N812152		64	1.5	14.8	126	37.6
N812153		48	1.2	7.2	127	117.5
N812154		60	4.8	11.3	3140	38.7
N812155		46	1.3	7.2	138	121.5
N812156		78	2.5	14.7	127	37.3
N812157		4	0.1	0.8	15	<0.5
N812158		81	2.0	13.4	249	30.5
N812159		76	1.0	14.6	91	35.1
N812160		80	0.5	15.5	340	31.2
N812161		80	1.8	14.3	229	27.7
N812162		79	0.4	16.0	61	29.1
N812163		58	4.7	11.3	3070	39.9
N812164		78	0.4	14.7	71	30.7
N812165		83	0.9	15.0	68	31.2
N812166		75	2.1	14.0	511	29.2
N812167		80	1.2	14.9	69	31.2
N812168		79	1.1	14.4	68	30.6
N812169		94	3.9	15.8	78	34.1
N812170		80	1.6	16.1	69	34.4
N812171		79	1.1	16.5	82	35.6
N812172		81	1.0	16.9	63	35.0
N812173		80	0.7	15.2	64	32.2
N812174		78	0.5	15.2	61	29.5
N812175		83	3.4	14.5	62	28.3
N812176		79	0.4	16.7	61	32.5
N812177		78	0.7	15.2	70	29.6



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**CERTIFICATE OF ANALYSIS WH12179928**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12179929**

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P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
EXTRA-01	Extra Sample received in Shipment
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12179929**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811236		2.38	<0.005	0.16	7.78	10.1	2130	1.39	0.22	1.85	0.15	48.5	6.1	11	9.99	16.9
N811237		3.40	0.014	1.25	6.88	33.3	4050	1.44	0.39	3.96	9.64	50.3	6.3	9	18.95	23.0
N811238		2.28	<0.005	0.09	7.70	6.8	2050	1.57	0.10	2.35	0.11	48.7	6.3	11	13.70	6.9
N811239		6.15	<0.005	0.19	7.46	7.3	2030	1.50	0.36	2.60	0.26	44.6	5.4	13	10.30	7.3
N811240		2.65	0.035	1.18	7.14	20.9	1650	1.59	0.97	2.43	2.36	41.4	6.6	10	25.5	25.7
N811241		5.96	<0.005	0.19	7.26	13.9	1950	1.51	0.34	2.49	0.27	39.0	6.1	10	21.1	12.2
N811242		0.25	2.33	26.5	6.05	3490	730	1.41	20.8	2.20	82.2	47.4	11.1	19	14.65	442
N811243		2.10	<0.005	0.24	7.62	14.8	1990	1.45	0.34	1.62	0.11	46.9	11.2	10	12.85	4.5
N811244		2.64	0.005	0.32	6.73	21.0	2440	1.49	0.34	2.00	0.14	43.6	6.1	8	21.1	3.3
N811245		2.45	0.014	0.77	7.11	40.4	1180	1.40	0.61	2.61	1.91	41.7	6.6	9	13.00	14.9
N811246		2.76	<0.005	0.02	0.06	<5	20	0.06	0.03	21.0	0.07	0.96	0.5	1	0.13	1.3
N811247		3.84	0.006	0.23	7.25	28.6	2260	1.51	0.17	1.95	0.22	43.8	7.0	9	18.20	6.2
N811248		3.57	0.014	0.44	7.29	29.0	2310	1.63	0.60	2.32	1.04	47.3	8.7	10	21.9	10.0
N811249		3.80	<0.005	0.09	7.92	9.9	2070	1.39	0.16	2.02	0.15	48.0	6.0	11	11.05	6.5
N811250		1.55	<0.005	0.11	7.75	10.3	2120	1.54	0.15	2.23	0.21	50.0	6.7	11	10.75	7.6
N811251		5.16	<0.005	0.07	7.85	4.9	2170	1.66	0.13	2.53	0.10	48.1	7.5	12	9.22	11.2
N811252		2.59	0.043	1.35	7.38	53.9	2030	1.73	1.07	2.34	8.95	63.3	8.1	9	13.75	27.5
N811253		3.00	<0.005	0.08	7.75	5.2	2130	1.63	0.17	2.60	0.11	48.7	6.8	13	9.44	6.5
N811254		2.52	0.072	7.31	6.83	73.2	1290	1.50	1.59	2.60	30.6	54.4	9.7	8	13.30	36.6
N811255		4.66	0.005	0.13	7.91	15.8	1870	1.45	0.25	2.05	0.19	52.6	6.6	11	10.90	7.9
N811256		2.33	1.380	0.74	6.82	37.8	1780	1.33	12.60	2.08	0.22	54.0	14.1	9	18.20	8.2
N811257		6.16	<0.005	0.10	7.78	7.9	2230	1.77	0.33	2.63	0.10	50.3	7.2	11	10.90	15.0
N811258		7.75	<0.005	0.09	7.93	6.7	2130	1.70	0.16	2.80	0.12	43.3	6.9	11	8.71	6.6
N811259		6.90	<0.005	0.05	7.66	5.0	2160	1.64	0.14	2.46	0.10	49.4	7.1	13	5.44	7.4
N811260		2.36	<0.005	0.11	7.75	5.2	2190	1.66	0.16	2.65	0.11	44.6	7.2	10	8.12	8.0
N811261		2.41	0.009	0.60	7.70	15.0	2280	1.61	0.38	1.87	0.50	48.4	6.5	10	11.55	22.2
N811262		4.69	0.050	8.36	6.77	64.8	1770	1.41	3.28	2.78	24.9	44.3	7.5	11	10.80	472
N811263		2.20	0.011	0.17	7.54	11.2	2090	1.59	0.15	2.61	0.20	43.9	7.4	11	10.25	12.7
N811264		3.07	0.092	4.94	7.02	113.0	1450	1.60	0.28	2.23	30.7	46.7	6.7	9	19.15	45.8
N811265		4.14	0.005	0.17	7.71	12.7	2070	1.48	0.23	2.07	0.28	49.6	8.3	11	17.05	28.7
N811266		7.47	<0.005	0.08	7.66	6.5	2150	1.53	0.15	2.53	0.14	47.9	7.5	11	11.50	11.1
N811267		<0.02	<0.005	0.07	7.38	6.6	2100	1.52	0.18	2.45	0.09	48.0	6.8	11	10.45	7.9
N811268		5.38	<0.005	0.14	7.72	7.2	2170	1.50	0.21	2.53	0.71	47.7	6.6	12	9.21	8.3
N811269		4.00	0.012	0.50	7.23	23.6	1510	1.39	0.61	2.77	0.29	35.4	9.6	11	11.15	12.7
N813918		0.25	0.765	9.32	6.78	1835	210	1.46	5.88	1.89	41.2	47.1	16.2	21	17.40	107.5
N811271		2.78	<0.005	0.03	0.06	<5	20	0.06	0.04	20.4	0.08	1.12	0.6	<1	0.12	2.6





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Account: ROCKHA

Project: Klaza - 95

**CERTIFICATE OF ANALYSIS WH12179929**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811236		2.97	14.70	0.10	1.2	0.054	2.82	25.1	18.7	0.67	599	2.39	1.60	7.5	3.3	620
N811237		3.48	12.85	0.13	1.0	0.141	2.56	28.0	31.7	1.44	1740	1.73	0.06	6.4	3.6	510
N811238		2.79	15.15	0.13	1.2	0.043	2.60	22.7	19.7	0.62	554	2.76	1.57	7.9	3.0	620
N811239		2.88	14.20	0.14	1.0	0.063	2.22	20.3	13.4	0.59	696	1.42	1.83	7.3	3.0	590
N811240		3.05	14.15	0.10	1.1	0.101	2.39	18.9	21.5	0.73	892	1.69	1.09	7.2	2.9	560
N811241		2.80	13.95	0.10	1.1	0.054	2.43	17.5	23.3	0.52	726	1.05	1.18	7.1	2.7	580
N811242		6.75	13.20	0.13	0.9	1.670	2.57	25.8	24.5	0.89	1880	12.55	0.04	5.7	16.4	450
N811243		3.15	15.15	0.13	1.1	0.057	2.36	23.7	23.3	0.63	612	0.69	1.35	7.5	3.3	590
N811244		2.60	14.20	0.12	1.0	0.075	2.36	22.9	69.4	0.62	845	1.18	0.04	7.1	3.1	540
N811245		3.18	13.60	0.09	1.0	0.078	2.44	20.3	43.9	0.79	1280	1.76	0.06	7.2	3.3	590
N811246		0.46	0.15	0.09	<0.1	<0.005	0.02	0.5	1.0	12.50	216	0.17	<0.01	0.1	1.8	160
N811247		2.63	14.90	0.12	1.1	0.049	2.51	21.4	43.9	0.66	804	2.14	0.04	7.5	3.5	570
N811248		3.34	13.90	0.09	1.0	0.083	2.59	24.9	18.8	0.86	1040	2.14	0.03	7.1	3.8	580
N811249		3.08	14.90	0.09	1.2	0.049	2.79	24.0	18.4	0.55	652	1.13	1.30	8.0	3.0	640
N811250		2.97	15.60	0.10	1.2	0.051	2.76	23.3	19.7	0.56	674	1.19	1.26	8.0	3.1	620
N811251		3.03	15.10	0.13	1.2	0.034	2.70	23.4	17.6	0.84	591	0.77	2.13	8.2	3.2	610
N811252		3.29	15.05	0.15	1.2	0.190	3.11	32.0	16.2	0.70	1680	1.04	0.24	7.9	3.3	580
N811253		2.98	15.65	0.12	1.3	0.040	2.78	22.7	11.3	0.77	535	0.69	2.35	8.0	3.4	610
N811254		4.07	12.95	0.13	1.3	0.411	2.85	29.0	17.6	0.72	3410	1.52	0.13	6.8	3.0	470
N811255		2.92	14.90	0.10	1.3	0.044	2.63	25.1	17.6	0.58	660	7.72	1.24	8.0	3.4	630
N811256		2.63	14.45	0.11	1.3	0.068	2.49	27.2	26.3	0.49	567	34.4	0.15	7.4	5.5	570
N811257		2.90	15.55	0.12	1.2	0.052	2.61	22.9	16.8	0.79	539	1.41	2.34	8.2	3.5	610
N811258		3.04	15.40	0.13	1.3	0.047	2.59	20.8	12.8	0.82	646	1.31	2.33	8.2	3.3	630
N811259		2.92	14.50	0.09	1.2	0.038	2.60	22.3	13.3	0.87	543	0.85	2.37	7.8	3.5	600
N811260		2.95	15.15	0.10	1.3	0.039	2.72	21.1	11.4	0.80	567	0.69	2.38	8.0	3.3	610
N811261		2.93	14.75	0.12	1.3	0.056	2.97	23.4	15.2	0.58	1180	0.89	0.90	7.4	3.1	600
N811262		3.43	12.35	0.10	1.1	0.218	2.88	23.6	11.7	0.83	1800	1.52	0.66	6.3	3.5	510
N811263		2.74	14.20	0.10	1.3	0.052	2.85	20.5	12.4	0.66	736	1.16	1.93	7.3	3.0	590
N811264		3.06	13.80	0.12	1.2	0.108	2.76	23.4	42.0	0.80	1560	1.52	0.19	6.6	3.1	540
N811265		2.98	15.50	0.11	1.3	0.056	2.76	23.5	23.7	0.68	589	2.13	1.11	8.2	3.0	640
N811266		2.93	15.10	0.11	1.3	0.047	2.60	21.4	16.2	0.78	563	2.52	2.30	8.1	3.3	610
N811267		2.83	13.75	0.11	1.3	0.043	2.55	21.8	14.8	0.75	542	2.24	2.22	7.4	3.2	590
N811268		2.96	14.70	0.11	1.2	0.050	2.67	23.5	13.4	0.76	632	9.35	2.33	7.6	3.1	620
N811269		3.58	14.00	0.11	1.2	0.112	2.23	16.9	18.1	0.75	1460	1.75	1.71	7.3	3.3	580
N813918		5.31	13.10	0.10	1.4	0.844	2.78	23.2	24.3	0.68	1980	10.90	0.26	6.9	15.7	500
N811271		0.44	0.16	0.06	<0.1	0.006	0.02	0.5	1.0	12.15	193	3.49	0.01	0.1	1.8	170



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**CERTIFICATE OF ANALYSIS WH12179929**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811236		18.2	108.5	0.004	0.09	5.96	9.5	<1	1.9	270	0.63	<0.05	13.1	0.253	1.18	4.4
N811237		319	125.5	0.004	0.52	8.23	9.4	1	2.8	123.0	0.51	<0.05	13.7	0.216	1.74	6.2
N811238		16.6	97.0	0.004	0.02	4.71	9.9	<1	2.0	281	0.64	<0.05	12.2	0.251	1.07	3.2
N811239		74.0	79.3	0.005	0.04	3.33	9.3	1	2.1	289	0.62	0.08	11.2	0.244	1.00	3.4
N811240		361	87.4	0.005	0.22	8.49	8.8	<1	2.0	200	0.60	<0.05	9.8	0.234	1.33	2.8
N811241		23.5	80.6	0.003	0.13	6.86	8.8	1	2.4	217	0.60	0.10	10.0	0.240	1.12	2.8
N811242		2790	168.0	0.005	4.84	88.8	8.1	1	7.6	92.7	0.43	0.41	10.8	0.171	2.16	5.4
N811243		14.4	106.5	0.005	0.09	5.74	10.4	1	2.1	186.5	0.60	0.07	13.3	0.247	1.29	4.4
N811244		12.6	107.0	0.003	0.11	15.75	9.9	1	2.2	88.2	0.54	0.07	12.0	0.224	1.60	3.6
N811245		184.5	94.0	0.002	0.44	11.60	9.4	1	1.9	142.5	0.58	<0.05	10.9	0.237	1.60	3.9
N811246		1.3	0.9	0.004	0.01	<0.05	0.1	<1	0.2	39.4	<0.05	<0.05	0.3	<0.005	<0.02	0.5
N811247		10.9	90.0	0.005	0.19	10.15	9.5	1	1.8	106.0	0.64	<0.05	12.1	0.237	1.90	3.5
N811248		33.3	101.5	0.004	0.41	8.74	9.7	<1	2.0	81.2	0.61	0.08	12.2	0.242	2.19	3.9
N811249		15.5	110.0	0.004	0.07	7.08	10.7	<1	1.8	216	0.68	<0.05	13.4	0.264	1.25	4.5
N811250		16.5	109.0	0.004	0.09	7.22	10.9	1	1.9	230	0.63	<0.05	12.9	0.256	1.23	3.9
N811251		16.8	101.5	0.003	0.02	1.34	10.1	1	1.7	370	0.70	<0.05	13.6	0.256	1.00	4.3
N811252		254	150.5	0.003	0.73	9.87	10.2	1	2.2	92.1	0.64	0.06	14.7	0.241	2.20	5.2
N811253		16.1	102.0	0.004	0.02	1.66	10.2	1	1.8	384	0.69	<0.05	12.4	0.255	1.11	3.8
N811254		1200	147.0	0.004	1.33	12.15	8.2	1	4.0	83.9	0.79	0.07	19.2	0.196	2.31	5.9
N811255		18.7	101.0	0.007	0.08	7.83	9.9	1	2.3	233	0.69	0.05	13.2	0.258	1.27	3.7
N811256		16.9	101.0	0.012	0.23	11.70	9.1	1	3.1	81.8	0.70	8.34	11.4	0.229	1.56	3.7
N811257		15.7	100.5	0.004	0.03	1.86	10.2	1	2.0	399	0.66	0.08	12.1	0.252	1.05	3.2
N811258		17.2	101.5	0.004	0.04	1.28	10.3	1	1.7	384	0.64	<0.05	11.6	0.267	0.98	3.9
N811259		16.0	101.0	0.003	0.01	0.79	9.9	1	1.5	397	0.63	<0.05	11.6	0.251	0.94	4.1
N811260		18.5	99.5	0.005	0.04	1.04	9.8	1	1.6	384	0.68	<0.05	11.8	0.256	0.99	4.0
N811261		70.3	125.5	0.005	0.23	8.48	10.1	1	2.1	183.5	0.65	0.05	13.1	0.244	1.55	4.0
N811262		1700	140.0	0.004	1.32	11.20	8.7	1	1.8	164.5	0.56	0.13	12.5	0.209	2.00	4.4
N811263		23.6	109.0	0.004	0.18	1.93	9.2	1	2.2	324	0.65	<0.05	11.4	0.241	1.17	3.6
N811264		1525	130.0	0.006	0.56	13.10	9.0	1	2.3	85.2	0.57	<0.05	12.4	0.216	1.98	7.5
N811265		28.4	116.5	0.005	0.09	6.51	10.5	<1	3.6	211	0.68	<0.05	12.7	0.260	1.23	3.5
N811266		18.0	98.4	0.006	0.02	1.39	10.2	1	2.3	384	0.65	<0.05	10.9	0.257	0.94	3.4
N811267		15.7	92.1	0.004	0.03	1.35	9.5	1	1.8	367	0.63	<0.05	12.3	0.246	0.95	3.6
N811268		40.0	100.5	0.004	0.06	1.36	9.9	1	2.0	382	0.60	0.06	11.8	0.253	1.03	3.7
N811269		51.8	109.5	0.004	0.73	3.12	9.6	1	2.2	237	0.60	0.13	11.2	0.232	1.46	4.1
N813918		1350	156.0	0.005	3.12	30.2	8.3	<1	5.2	144.5	0.59	0.24	12.1	0.199	2.32	5.5
N811271		1.9	1.0	0.005	0.02	<0.05	0.2	<1	0.2	46.1	<0.05	<0.05	0.3	<0.005	<0.02	0.6



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Project: Klaza - 95

**CERTIFICATE OF ANALYSIS WH12179929**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N811236		71	2.2	16.2	47	25.7
N811237		62	3.4	14.1	676	21.8
N811238		69	2.8	16.5	41	28.2
N811239		68	1.8	14.6	57	22.7
N811240		66	1.8	13.0	193	23.7
N811241		68	1.6	12.7	65	23.2
N811242		57	4.7	10.3	5390	23.2
N811243		70	2.1	13.7	54	27.1
N811244		65	2.2	14.3	52	22.8
N811245		68	2.6	14.9	250	22.3
N811246		2	0.1	0.7	13	<0.5
N811247		67	2.2	13.9	61	24.6
N811248		70	4.9	14.1	117	22.8
N811249		77	2.0	16.4	48	26.4
N811250		73	2.0	16.4	47	29.8
N811251		72	0.9	17.9	41	26.5
N811252		69	2.7	13.4	690	27.4
N811253		72	1.2	16.8	41	30.5
N811254		57	3.5	11.9	2700	25.3
N811255		74	1.9	16.1	53	28.4
N811256		68	2.4	13.5	64	25.9
N811257		72	3.3	17.0	37	28.7
N811258		76	0.7	16.6	41	28.4
N811259		72	0.7	17.3	37	26.2
N811260		71	0.6	16.7	37	28.5
N811261		72	2.1	15.9	79	27.5
N811262		60	1.2	14.4	2130	24.4
N811263		68	0.8	14.7	54	28.7
N811264		63	2.7	13.9	1840	25.3
N811265		74	2.1	16.2	57	29.5
N811266		72	0.7	17.2	42	28.5
N811267		71	0.7	15.7	38	28.2
N811268		72	0.8	16.1	74	26.7
N811269		66	1.5	12.1	68	25.6
N813918		59	4.8	11.1	3030	36.9
N811271		2	0.1	0.8	16	<0.5



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VANCOUVER BC V6B 1L8

Project: Klaza - 95

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Finalized Date: 20-AUG-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12179929**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12180270**

Project: Klaza - 93

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 20-AUG-2012  
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Project: Klaza - 93

**CERTIFICATE OF ANALYSIS WH12180270**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813848		4.40	0.008	0.29	7.38	18.2	1710	1.88	0.55	2.03	0.27	43.8	6.1	10	18.50	81.5
N813849		4.42	<0.005	0.27	7.18	15.9	1910	1.38	0.73	1.81	0.57	51.4	11.6	9	15.40	16.7
N813850		5.03	0.013	0.40	7.28	43.0	1280	1.51	0.90	2.46	2.63	38.9	9.7	9	10.20	30.0
N813851		2.48	<0.005	0.29	7.07	16.4	2060	1.54	0.56	2.05	0.88	44.0	9.4	10	11.60	9.4
N813852		2.47	0.011	0.54	6.41	28.3	1730	1.52	0.63	1.76	1.21	26.3	6.8	8	13.30	76.9
N813853		1.16	0.009	0.57	6.99	30.3	1620	1.53	0.55	2.04	1.37	33.7	6.7	8	13.95	96.5
N813854		3.89	0.009	0.36	6.85	23.3	1880	1.35	0.59	1.83	3.07	40.7	11.8	8	14.05	33.0
N813855		7.06	<0.005	0.23	7.23	22.5	2310	1.31	0.64	1.79	0.91	38.5	9.3	17	19.65	32.4
N813856		0.25	2.21	27.3	5.88	3550	610	1.47	20.6	2.22	83.8	45.4	12.0	18	14.95	444
N813857		2.41	0.050	0.36	6.93	57.7	1070	1.45	0.64	3.71	0.83	52.4	6.7	8	19.05	7.9
N813858		3.62	0.050	0.57	7.10	53.0	1170	1.61	1.00	2.45	1.73	53.6	8.6	9	16.80	11.9
N813859		3.27	0.399	4.73	5.58	2080	120	1.07	8.84	1.83	4.23	20.4	7.8	9	5.34	90.5
N813860		4.24	<0.005	0.04	0.09	<5	20	0.10	0.07	20.4	0.08	1.10	0.8	2	0.26	4.1
N813861		2.93	0.021	0.84	7.44	63.7	870	1.74	1.19	1.84	5.49	58.2	6.4	9	17.50	28.7
N813862		4.99	0.006	0.34	7.21	17.5	1890	1.56	0.58	2.08	1.44	42.8	5.7	10	14.70	22.0
N813863		2.72	0.011	0.48	7.25	27.3	1140	1.56	1.26	2.12	1.24	46.2	26.9	7	19.70	7.9
N813864		7.32	0.053	0.55	7.55	42.3	1860	1.46	1.14	2.06	0.42	41.4	8.9	10	14.45	20.2
N813865		2.84	0.166	0.96	7.07	176.0	360	1.55	2.19	2.04	0.58	61.9	17.9	18	19.25	23.8
N813866		0.26	2.36	25.1	5.83	3450	470	1.32	20.4	2.19	79.4	43.2	11.3	17	14.15	432
N813867		2.47	0.037	0.84	7.24	37.4	1850	1.48	1.27	1.99	5.43	50.7	10.0	21	15.75	19.3
N813868		6.93	0.112	1.21	7.65	60.0	1540	1.51	1.61	1.66	9.42	51.4	21.4	9	12.05	16.7
N813869		2.23	0.094	1.33	6.87	94.4	520	1.58	1.98	1.36	3.01	88.3	59.7	7	21.5	25.4
N813870		4.73	<0.005	0.03	0.09	<5	30	0.07	0.04	21.0	0.08	1.47	0.8	1	0.28	2.1
N813871		5.96	0.113	0.88	7.36	150.5	1720	1.44	0.73	1.97	0.45	53.0	8.9	11	17.45	81.4
N813872		5.94	0.100	1.39	7.21	94.1	840	1.34	2.20	2.61	2.14	35.5	14.9	143	11.95	50.5
N813873		2.22	0.348	15.80	6.52	158.5	290	1.30	33.0	2.08	7.65	34.0	8.8	52	9.13	44.8
N813874		6.02	0.123	1.30	7.58	121.5	870	1.71	1.69	2.82	7.84	43.0	10.2	72	16.50	43.5
N813875		5.94	<0.005	0.09	7.06	20.5	1810	2.13	0.21	2.89	0.36	61.0	5.1	12	22.8	4.3
N813876		7.43	0.066	1.27	6.23	128.0	1200	1.59	1.34	2.75	6.37	37.2	13.7	107	21.2	33.6
N813877		8.57	0.118	2.28	5.81	180.5	730	1.45	2.73	3.00	11.15	26.8	12.8	94	9.84	71.2
N813878		3.44	0.879	5.40	6.55	513	280	1.61	7.76	1.68	5.06	39.8	10.6	15	12.35	149.5
N813879		6.59	0.132	0.79	7.61	114.5	1390	1.68	1.58	2.09	1.79	54.3	11.8	9	14.90	21.5
N813880		<0.02	0.144	0.74	7.22	112.0	1300	1.64	1.38	1.97	1.75	53.0	11.5	9	15.30	22.6
N813881		5.81	0.018	0.40	6.89	21.3	2440	1.44	0.73	1.81	1.81	42.1	8.4	8	12.80	43.7
N813882		5.41	0.012	0.78	6.94	24.4	1660	1.76	1.42	2.66	1.69	44.9	9.1	7	16.85	9.8
N813883		5.82	0.009	0.52	6.89	27.3	1300	1.59	1.23	2.69	1.19	46.1	11.5	9	12.40	9.3



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Plus Appendix Pages  
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Account: ROCKHA

Project: Klaza - 93

**CERTIFICATE OF ANALYSIS WH12180270**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813848		2.89	17.45	0.08	1.1	0.123	2.50	23.7	43.4	0.61	467	1.38	1.97	7.8	2.9	560
N813849		2.84	16.00	0.09	1.0	0.105	2.57	28.7	32.1	0.51	485	1.18	0.83	7.2	2.8	610
N813850		2.97	16.15	0.11	0.9	0.294	2.65	20.5	17.4	0.62	544	0.66	1.78	6.4	2.6	540
N813851		2.25	15.90	0.10	1.0	0.247	2.84	22.9	47.2	0.61	456	1.33	1.09	6.9	3.0	540
N813852		2.47	16.55	0.09	1.0	0.127	2.74	11.9	81.3	0.38	496	1.40	0.18	7.5	2.5	550
N813853		2.59	16.30	0.09	1.1	0.138	2.68	15.4	86.4	0.49	588	1.97	0.18	7.7	2.4	570
N813854		2.65	15.85	0.10	1.0	0.175	2.66	21.1	25.5	0.64	374	2.47	0.69	7.1	2.8	520
N813855		2.88	17.25	0.10	1.2	0.133	2.14	19.1	70.0	0.47	649	0.91	0.06	8.7	2.8	610
N813856		6.56	15.40	0.12	0.9	1.760	2.74	23.8	27.6	0.91	1840	12.85	0.04	5.8	15.8	430
N813857		2.91	14.75	0.09	1.0	0.134	2.53	31.8	51.3	1.16	1040	0.75	0.07	6.8	2.4	540
N813858		3.49	16.70	0.12	1.0	0.291	2.68	30.2	15.4	0.81	943	0.77	1.21	7.6	2.9	570
N813859		4.38	13.40	0.07	0.8	0.315	2.71	9.9	18.0	0.71	2810	1.45	0.04	5.2	2.3	400
N813860		0.47	0.27	0.06	<0.1	0.009	0.04	0.5	1.4	12.30	213	0.14	0.01	0.2	2.1	160
N813861		3.92	17.80	0.11	1.0	0.296	2.49	32.9	49.6	0.81	1300	0.94	0.04	7.9	2.6	560
N813862		2.69	16.30	0.13	1.0	0.119	2.62	23.5	25.8	0.63	455	1.50	1.30	7.4	2.7	560
N813863		2.70	17.25	0.09	1.1	0.274	2.40	26.3	30.3	0.67	690	4.01	0.07	7.7	2.9	570
N813864		2.74	17.55	0.09	0.9	0.153	2.77	21.9	35.8	0.59	465	0.59	0.36	7.7	3.1	630
N813865		2.91	16.55	0.12	1.6	0.202	2.99	35.0	11.6	0.74	555	1.02	0.06	7.7	8.2	700
N813866		6.48	14.40	0.10	0.9	1.655	2.68	21.9	25.9	0.90	1820	12.25	0.04	5.3	15.0	440
N813867		2.74	17.30	0.14	1.8	0.347	2.63	27.1	52.6	0.70	722	0.99	0.08	8.5	7.1	740
N813868		2.61	17.65	0.14	1.0	0.466	3.01	29.0	28.3	0.63	675	1.95	0.06	7.7	2.7	620
N813869		3.84	16.30	0.15	0.9	0.179	2.71	55.4	41.0	0.65	1230	4.59	0.04	7.3	4.1	530
N813870		0.47	0.25	0.07	<0.1	0.006	0.03	0.8	1.3	12.55	210	0.12	<0.01	0.1	1.7	180
N813871		2.94	17.10	0.14	1.0	0.197	2.96	30.5	38.4	0.75	682	0.98	0.18	7.7	3.2	560
N813872		5.71	15.90	0.10	1.7	0.219	2.59	19.1	40.3	2.09	1830	0.92	0.26	5.6	44.3	610
N813873		6.46	14.75	0.11	1.7	0.301	2.81	16.8	43.9	1.39	1870	0.45	0.03	5.1	18.5	590
N813874		4.66	17.35	0.11	1.8	0.609	3.10	23.1	37.1	1.49	1450	1.37	0.09	6.2	23.8	660
N813875		2.43	18.50	0.12	2.6	0.032	2.23	32.3	79.2	0.92	655	1.56	0.42	11.2	4.3	850
N813876		4.01	14.60	0.11	1.4	0.440	2.53	21.0	27.4	1.17	1250	2.09	0.05	5.4	32.6	540
N813877		4.79	14.65	0.14	1.5	0.415	2.66	13.1	27.1	1.35	1590	2.28	0.05	5.1	30.4	560
N813878		5.75	14.20	0.10	0.7	0.627	3.15	20.8	9.7	0.94	962	2.53	0.04	5.2	6.4	510
N813879		3.09	16.15	0.11	0.9	0.368	2.71	30.8	37.0	0.87	772	1.49	0.04	6.5	2.7	590
N813880		2.84	15.85	0.11	0.9	0.355	2.65	31.5	36.8	0.82	721	1.46	0.04	6.6	2.6	550
N813881		2.69	16.25	0.09	0.9	0.209	2.62	22.4	68.2	0.64	596	1.15	0.06	7.6	2.8	570
N813882		2.57	15.65	0.12	0.9	0.312	2.83	24.1	27.3	0.78	562	0.80	0.05	7.1	2.4	530
N813883		2.82	16.00	0.09	0.9	0.360	2.64	24.0	24.7	0.70	571	0.69	0.84	6.9	2.6	520



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Project: Klaza - 93

**CERTIFICATE OF ANALYSIS WH12180270**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N813848		22.3	119.0	<0.002	0.36	7.24	11.0	<1	3.8	281	0.67	0.10	13.2	0.250	3.6
N813849		50.3	101.5	<0.002	0.61	12.90	10.3	1	3.0	209	0.63	0.19	12.3	0.255	3.1
N813850		146.0	125.0	<0.002	1.22	3.76	9.9	1	3.9	260	0.56	0.18	13.1	0.232	3.9
N813851		52.1	132.5	<0.002	0.72	6.47	10.6	1	3.1	202	0.59	0.11	13.7	0.238	3.3
N813852		48.8	99.4	<0.002	0.71	35.1	9.8	1	3.3	120.5	0.66	0.11	9.9	0.243	2.5
N813853		40.5	95.2	0.002	0.70	39.2	10.5	1	3.6	114.5	0.71	0.10	12.0	0.260	2.2
N813854		135.0	120.5	<0.002	0.95	8.89	9.9	1	3.2	124.0	0.62	0.14	13.4	0.235	3.6
N813855		38.1	76.2	<0.002	0.43	28.1	11.5	1	3.9	149.5	0.74	0.07	12.7	0.277	2.5
N813856		2710	167.0	0.002	4.84	92.3	8.9	<1	8.3	93.1	0.46	0.41	10.8	0.187	5.3
N813857		35.7	137.0	<0.002	0.64	8.98	10.2	1	2.9	126.5	0.61	0.07	13.6	0.242	5.2
N813858		52.6	138.5	<0.002	0.90	4.76	11.0	1	4.6	157.0	0.65	0.15	12.5	0.253	6.7
N813859		77.0	129.5	<0.002	3.66	41.0	8.2	1	6.9	31.8	0.49	0.87	9.6	0.186	5.7
N813860		1.5	2.1	<0.002	0.02	0.20	0.3	<1	0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.7
N813861		109.0	142.5	<0.002	1.07	19.10	11.5	1	4.9	103.0	0.65	0.11	15.1	0.249	4.6
N813862		93.1	101.0	<0.002	0.37	7.00	9.9	<1	3.4	249	0.68	0.07	13.0	0.249	4.2
N813863		55.8	106.0	0.003	1.22	10.15	11.2	1	4.0	90.2	0.71	0.45	12.9	0.254	3.3
N813864		36.6	103.5	<0.002	0.82	11.00	11.2	<1	3.7	129.5	0.60	0.21	10.8	0.280	3.2
N813865		54.6	141.0	<0.002	1.73	13.70	11.5	1	4.0	60.6	0.62	0.22	13.9	0.275	6.0
N813866		2660	159.0	0.002	4.77	88.7	8.4	<1	7.9	87.9	0.44	0.35	11.0	0.183	5.3
N813867		46.2	106.0	<0.002	0.66	19.15	11.9	1	4.3	128.5	0.72	0.13	13.0	0.294	4.1
N813868		227	143.0	<0.002	1.19	10.20	10.2	1	5.2	73.5	0.61	0.18	12.8	0.265	3.6
N813869		143.0	166.5	0.002	1.79	27.4	10.9	1	6.4	82.1	0.57	0.22	12.4	0.239	6.2
N813870		2.0	2.0	<0.002	0.02	0.19	0.3	<1	0.3	42.7	<0.05	<0.05	0.2	<0.005	0.5
N813871		25.7	136.0	0.002	0.66	17.55	11.3	1	3.7	127.5	0.67	0.13	14.3	0.251	5.3
N813872		107.5	154.0	<0.002	0.98	5.82	13.6	<1	2.2	134.5	0.48	0.12	8.8	0.256	4.2
N813873		874	184.5	<0.002	2.62	4.61	8.4	<1	2.6	96.4	0.48	0.14	9.0	0.190	4.3
N813874		114.5	204	<0.002	1.10	7.91	11.0	<1	2.1	149.5	0.53	0.08	10.7	0.229	4.9
N813875		19.9	71.3	<0.002	0.04	14.20	6.1	<1	1.5	372	0.76	<0.05	9.2	0.257	5.0
N813876		334	153.0	<0.002	1.38	12.90	12.3	1	2.3	133.0	0.44	0.09	8.3	0.228	4.9
N813877		231	80.2	<0.002	1.37	14.55	9.4	<1	2.9	102.0	0.43	<0.05	6.0	0.226	4.1
N813878		301	205	<0.002	3.82	39.9	8.7	1	7.0	42.4	0.44	0.17	10.2	0.208	4.9
N813879		69.1	140.0	<0.002	1.15	13.65	10.1	<1	4.4	56.8	0.55	0.20	13.3	0.235	3.1
N813880		69.1	149.5	<0.002	1.04	13.80	10.4	<1	4.3	58.2	0.54	0.21	13.5	0.234	3.0
N813881		39.6	100.5	<0.002	0.62	17.80	10.3	1	3.6	136.5	0.61	0.10	11.3	0.250	3.1
N813882		94.2	126.0	<0.002	1.11	6.55	10.5	1	3.6	97.7	0.61	0.38	13.2	0.234	4.1
N813883		77.2	111.5	<0.002	1.34	4.70	10.9	1	3.8	145.5	0.62	0.26	12.7	0.236	3.8





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Project: Klaza - 93

**CERTIFICATE OF ANALYSIS WH12180270**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813848		64	1.7	16.1	55	27.3
N813849		69	3.9	14.5	73	25.0
N813850		65	1.4	13.0	233	21.9
N813851		64	1.6	13.8	89	23.1
N813852		68	3.4	11.2	107	25.3
N813853		72	3.2	13.3	119	25.3
N813854		65	1.6	14.3	238	23.7
N813855		73	6.0	14.3	104	30.7
N813856		58	5.5	10.6	5430	25.8
N813857		63	4.1	15.1	114	23.2
N813858		66	2.7	14.7	197	25.3
N813859		56	8.0	5.8	372	18.4
N813860		3	0.1	0.7	14	<0.5
N813861		67	4.4	15.1	489	25.7
N813862		65	1.7	13.7	117	25.2
N813863		70	1.9	15.1	133	26.8
N813864		77	2.0	13.8	65	23.2
N813865		79	2.3	14.4	75	46.4
N813866		56	5.5	10.2	5290	24.4
N813867		80	5.5	14.8	361	54.0
N813868		70	3.1	14.1	637	25.7
N813869		62	4.9	14.7	280	23.7
N813870		3	0.1	0.8	14	<0.5
N813871		69	2.4	16.0	67	25.7
N813872		102	4.6	10.2	293	50.5
N813873		69	5.0	7.5	726	42.8
N813874		82	3.6	10.2	680	56.4
N813875		51	1.5	12.2	86	83.5
N813876		84	4.0	11.2	548	51.9
N813877		84	4.6	8.7	922	43.5
N813878		57	4.8	10.5	428	18.5
N813879		69	2.4	12.9	159	23.1
N813880		69	2.2	12.9	154	22.5
N813881		68	4.4	13.1	164	23.0
N813882		59	2.0	16.0	145	21.5
N813883		66	1.9	14.4	111	20.7



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**CERTIFICATE OF ANALYSIS WH12180270**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12180699**

Project: Klaza - 105

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12180699**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814475		3.75	<0.005	0.24	7.43	12.5	2120	1.58	0.14	3.11	0.18	54.2	8.1	13	10.95	8.8
N814476		5.18	<0.005	0.15	7.26	6.2	2270	1.54	0.34	2.98	0.29	54.6	9.2	11	9.01	15.8
N814477		3.31	<0.005	0.21	7.08	9.7	1690	1.57	0.85	2.85	0.13	49.8	6.4	9	13.25	3.7
N814478		4.52	<0.005	0.15	7.35	5.3	2090	1.48	0.46	3.17	0.17	57.8	5.7	9	8.31	8.1
N814479		2.59	<0.005	0.35	7.19	5.1	2300	1.20	0.56	3.65	0.23	46.4	7.1	10	6.80	42.5
N814480		<0.02	<0.005	0.28	7.40	5.4	2310	1.17	0.44	3.59	0.18	51.2	6.9	10	7.36	44.5
N814481		4.34	<0.005	0.11	7.40	4.7	2320	1.57	0.21	2.59	0.15	50.8	5.5	10	7.15	10.6
N814482		5.89	<0.005	0.30	7.28	12.4	2310	1.47	0.71	3.65	0.06	54.6	8.9	8	11.60	37.9
N814483		3.49	<0.005	0.26	7.73	13.6	2010	1.43	0.59	3.05	0.06	54.1	16.9	9	5.29	37.8
N814484		3.03	<0.005	0.11	7.20	7.2	1950	1.40	0.21	2.50	0.09	56.1	9.3	10	5.44	12.7
N814485		0.30	0.725	10.00	6.89	1875	1180	1.42	5.99	2.04	43.7	52.0	16.9	21	16.55	112.0
N814486		7.31	<0.005	0.12	7.26	5.5	2290	1.38	0.10	2.76	0.09	52.0	7.6	11	6.59	4.6
N814487		4.74	<0.005	0.06	7.45	6.0	2330	1.46	0.34	2.77	0.09	59.1	6.9	11	7.24	2.3
N814488		2.36	<0.005	0.09	7.27	10.6	1580	1.37	0.42	3.08	0.06	53.5	6.8	10	11.85	2.0
N814489		4.34	<0.005	0.06	7.18	6.8	1530	1.46	0.45	2.93	0.09	51.5	8.0	11	7.75	1.6
N814490		3.46	<0.005	0.05	7.43	5.6	2490	1.52	0.19	2.94	0.08	50.5	8.0	10	6.37	2.3
N814491		1.83	<0.005	0.05	7.16	5.7	2410	1.34	0.20	2.80	0.08	53.9	8.4	11	6.51	2.8
N814492		8.26	<0.005	0.20	7.25	8.1	2300	1.39	0.19	2.83	0.11	51.9	10.2	11	6.15	62.4
N814493		4.69	<0.005	0.05	7.28	6.3	2100	1.40	0.33	3.15	0.09	53.8	5.8	10	6.25	4.7
N814494		1.16	<0.005	0.09	7.11	6.7	1850	1.70	0.41	3.08	0.05	57.5	5.6	10	7.17	4.1
N814495		4.46	<0.005	0.08	6.96	4.1	2160	1.31	0.14	2.53	0.06	54.8	5.8	10	7.01	8.8
N814496		3.24	<0.005	0.07	7.26	10.4	2360	1.28	0.47	2.54	0.06	56.2	5.0	10	10.95	7.0
N814497		0.30	0.818	9.53	6.56	1745	1180	1.42	5.53	1.92	41.6	49.5	16.3	20	16.00	106.0
N814498		7.60	<0.005	0.18	7.58	9.0	2220	1.50	0.14	2.56	0.14	54.8	7.4	12	7.81	7.8
N814499		2.37	<0.005	0.16	6.71	12.5	1860	1.41	0.13	3.14	0.16	44.3	7.0	9	11.45	7.9
N814500		3.66	<0.005	0.10	6.75	5.7	2070	1.64	0.10	2.98	0.10	41.5	8.7	10	14.45	9.8
N814501		3.15	0.006	0.32	6.18	25.6	1340	1.36	0.35	4.45	0.26	45.7	14.2	10	18.60	7.2
N814502		2.77	<0.005	0.02	0.06	<5	20	0.05	0.02	21.2	0.07	1.17	1.7	<1	0.37	1.8
N814503		7.40	<0.005	0.09	7.20	4.5	2060	1.49	0.13	2.85	0.07	43.2	7.8	10	9.61	5.9
N814504		3.02	<0.005	0.10	6.79	6.6	2000	1.57	0.31	2.54	0.06	45.3	10.0	10	6.66	6.3
N814505		3.80	<0.005	0.09	6.79	6.7	2020	1.66	0.49	2.34	0.06	43.5	7.8	9	7.19	2.6
N814506		3.15	0.019	0.30	4.32	23.2	2370	0.80	0.87	1.09	0.10	33.7	11.0	12	6.95	27.8
N814507		1.85	<0.005	0.01	0.08	<5	30	0.07	0.04	20.3	0.05	1.40	1.6	<1	0.26	2.8
N814508		2.99	0.096	0.54	6.98	37.2	2680	1.37	2.46	2.02	0.24	46.2	22.3	10	11.25	51.6
N814509		3.49	<0.005	0.10	7.00	6.1	2270	1.52	0.17	2.77	0.08	41.5	8.1	9	11.50	6.3
N814510		5.49	<0.005	0.16	7.59	7.8	2120	1.67	0.24	2.05	0.09	48.3	6.2	9	16.50	12.6



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**CERTIFICATE OF ANALYSIS WH12180699**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814475		3.28	16.15	0.18	1.3	0.045	2.75	23.0	14.1	0.90	1120	0.65	2.22	8.3	2.8	620
N814476		3.23	17.10	0.16	1.1	0.067	2.69	23.8	14.4	0.88	757	0.56	2.42	8.7	2.9	670
N814477		3.57	16.45	0.15	0.9	0.197	2.07	21.8	15.6	0.88	787	0.54	2.04	7.9	4.1	640
N814478		3.27	15.95	0.18	1.0	0.079	2.46	26.6	16.6	0.88	763	0.34	2.18	8.1	2.7	640
N814479		3.43	15.35	0.17	1.0	0.064	2.65	19.4	24.4	0.79	861	0.40	1.62	7.5	2.8	670
N814480		3.41	16.05	0.18	1.0	0.068	2.62	22.5	26.0	0.83	834	0.36	1.61	8.0	2.8	680
N814481		3.31	15.70	0.16	1.1	0.058	2.57	22.8	11.5	0.81	618	0.38	2.44	7.4	2.6	640
N814482		3.53	14.75	0.18	0.9	0.260	2.74	27.2	13.9	0.77	1050	1.01	0.83	7.1	2.6	720
N814483		3.83	15.75	0.20	1.0	0.115	2.46	25.8	11.1	0.89	858	0.33	2.26	7.3	2.7	760
N814484		3.35	15.65	0.21	1.1	0.068	2.59	26.2	10.1	0.91	712	0.30	2.53	7.2	2.7	620
N814485		5.47	15.10	0.19	1.3	0.878	3.04	23.9	24.8	0.75	2070	12.25	0.29	7.2	14.4	530
N814486		3.24	16.40	0.16	1.2	0.053	2.46	23.0	13.1	0.96	693	0.38	2.52	8.1	3.4	650
N814487		3.20	16.30	0.17	1.0	0.079	1.83	27.1	13.0	0.97	665	0.27	2.79	7.8	2.8	630
N814488		3.24	16.35	0.20	1.0	0.106	2.07	23.6	13.2	0.92	708	0.26	2.38	8.2	3.1	640
N814489		3.28	15.80	0.15	1.0	0.071	1.47	22.6	11.8	1.02	709	0.22	3.00	7.6	2.8	640
N814490		3.21	15.95	0.18	1.2	0.040	1.86	22.6	13.6	0.99	734	0.29	2.79	7.7	2.7	640
N814491		3.04	15.70	0.16	1.1	0.046	1.78	24.3	13.4	0.98	697	0.30	2.70	7.5	3.4	620
N814492		3.27	16.30	0.19	1.1	0.061	2.21	24.8	14.9	0.95	602	0.38	2.61	7.8	3.0	650
N814493		3.07	15.85	0.17	1.0	0.067	1.67	23.7	11.8	0.92	652	0.26	2.62	7.3	2.6	630
N814494		3.33	16.20	0.19	1.1	0.100	1.63	25.3	12.5	0.91	638	0.32	2.47	8.2	2.9	630
N814495		3.03	15.40	0.17	1.0	0.063	2.28	25.3	11.2	0.83	534	0.33	2.31	7.5	2.6	600
N814496		3.82	17.20	0.17	0.9	0.234	2.43	26.2	19.0	0.90	672	0.28	1.81	7.3	2.7	600
N814497		5.18	14.60	0.18	1.3	0.822	2.88	23.2	24.7	0.71	1950	11.85	0.27	7.1	14.1	490
N814498		3.32	16.65	0.19	1.1	0.079	2.66	25.0	17.0	0.95	581	0.35	2.50	7.9	2.6	660
N814499		3.43	15.75	0.16	1.1	0.063	2.80	19.1	16.1	1.01	767	0.71	1.80	7.6	2.9	650
N814500		3.38	18.95	0.13	1.2	0.058	2.62	19.3	14.6	0.89	759	0.42	2.10	10.0	2.7	720
N814501		3.25	15.80	0.12	0.9	0.086	2.40	24.2	84.3	1.41	1390	0.37	0.10	7.6	2.4	530
N814502		0.50	0.39	0.35	<0.1	0.006	0.03	0.6	1.0	12.90	219	<0.05	0.01	0.3	0.7	160
N814503		3.37	17.85	0.14	1.0	0.086	2.44	21.5	14.2	0.92	671	0.31	2.43	9.2	2.8	690
N814504		3.41	16.90	0.17	0.9	0.137	2.15	22.4	10.6	0.86	622	0.23	2.40	9.0	2.9	610
N814505		4.09	16.75	0.16	0.9	0.208	1.99	22.1	14.7	0.75	770	0.16	1.92	8.5	2.8	570
N814506		3.32	10.65	0.11	0.4	0.217	1.82	18.9	15.3	0.53	783	0.07	0.09	4.9	2.3	360
N814507		0.49	0.45	0.36	<0.1	0.008	0.03	0.7	1.1	12.30	233	<0.05	0.01	0.4	0.9	150
N814508		3.90	16.25	0.15	1.0	0.158	3.07	24.0	14.0	0.77	783	0.32	1.01	8.7	2.8	610
N814509		3.16	16.75	0.16	1.0	0.070	2.81	20.7	13.8	0.80	578	0.29	1.97	8.9	2.8	640
N814510		3.24	16.95	0.17	1.0	0.087	2.91	25.5	18.5	0.74	473	0.39	1.87	9.3	2.8	630



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**CERTIFICATE OF ANALYSIS WH12180699**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814475		18.9	115.0	<0.002	0.08	2.33	11.6	<1	1.6	396	0.70	<0.05	13.9	0.283	1.16	5.7
N814476		19.4	102.5	<0.002	0.02	1.81	11.7	1	1.6	406	0.68	<0.05	12.5	0.290	1.07	3.9
N814477		17.9	94.6	<0.002	0.08	3.93	11.7	1	1.8	289	0.60	<0.05	12.2	0.273	1.10	10.1
N814478		18.8	103.5	0.002	0.01	2.89	13.1	1	1.6	371	0.63	0.08	13.9	0.287	1.15	3.8
N814479		21.8	80.9	<0.002	0.02	3.18	9.7	1	1.4	284	0.61	0.11	11.1	0.295	1.06	2.3
N814480		18.7	93.7	<0.002	0.02	3.39	10.7	1	1.6	283	0.61	0.09	12.2	0.298	1.11	2.5
N814481		15.3	96.9	<0.002	0.01	1.95	10.9	1	1.5	414	0.60	<0.05	12.6	0.278	1.12	2.9
N814482		4.9	151.5	<0.002	0.16	2.36	11.5	<1	1.6	138.5	0.56	0.05	13.7	0.270	1.69	8.2
N814483		10.6	107.5	<0.002	0.07	1.72	10.6	<1	1.6	279	0.60	<0.05	14.7	0.267	1.28	4.3
N814484		15.3	102.0	<0.002	0.05	1.54	10.8	1	1.4	360	0.59	<0.05	13.9	0.261	1.06	3.7
N814485		1470	178.5	0.002	3.31	32.8	9.0	1	5.9	158.0	0.61	0.23	13.4	0.224	2.70	5.4
N814486		16.3	84.7	<0.002	0.01	1.20	11.3	1	1.5	446	0.65	<0.05	12.8	0.282	0.98	3.7
N814487		14.1	70.5	<0.002	0.01	2.16	11.0	1	1.6	491	0.62	<0.05	13.9	0.278	0.78	4.0
N814488		10.1	98.9	<0.002	0.12	3.21	12.1	1	1.6	275	0.64	<0.05	12.5	0.283	1.16	4.0
N814489		14.4	57.5	<0.002	0.02	2.54	11.0	1	1.7	481	0.58	<0.05	12.4	0.276	0.77	3.3
N814490		13.1	61.5	<0.002	0.01	1.30	10.8	1	1.4	513	0.62	<0.05	14.1	0.281	0.73	3.6
N814491		12.7	64.2	<0.002	0.01	1.25	10.5	1	1.5	501	0.63	<0.05	13.0	0.272	0.73	3.3
N814492		14.7	78.7	<0.002	0.03	1.37	10.8	1	1.8	500	0.61	<0.05	13.3	0.275	0.92	3.4
N814493		12.7	70.1	<0.002	0.02	1.76	10.8	<1	1.8	507	0.58	<0.05	13.1	0.279	0.83	3.6
N814494		12.4	80.6	<0.002	0.03	2.08	11.3	1	2.3	486	0.63	<0.05	14.2	0.278	0.95	3.6
N814495		12.2	103.5	0.002	0.02	1.40	10.7	1	1.8	387	0.59	<0.05	14.0	0.263	0.95	3.4
N814496		11.3	116.5	<0.002	0.09	4.50	11.1	1	3.1	286	0.58	<0.05	13.1	0.263	1.35	4.7
N814497		1390	174.0	0.003	3.14	31.7	8.7	1	5.8	150.0	0.60	0.27	13.4	0.210	2.57	5.4
N814498		16.3	107.5	<0.002	0.02	2.07	11.7	1	2.5	486	0.63	<0.05	13.5	0.281	1.17	3.4
N814499		15.0	100.5	<0.002	0.06	3.05	10.6	<1	1.5	366	0.64	<0.05	11.2	0.284	1.45	3.8
N814500		14.9	89.2	<0.002	0.02	2.43	14.1	2	2.0	402	0.74	<0.05	9.5	0.316	1.18	3.1
N814501		13.6	98.8	<0.002	0.38	9.96	10.5	2	1.9	186.5	0.60	<0.05	11.3	0.237	1.67	4.6
N814502		1.4	2.0	<0.002	0.01	0.13	0.5	1	<0.2	42.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.3
N814503		13.4	85.2	<0.002	0.03	2.13	12.5	2	1.9	392	0.65	<0.05	10.6	0.290	1.01	3.0
N814504		12.6	77.3	<0.002	0.04	2.01	11.7	2	2.6	365	0.69	<0.05	11.0	0.267	1.00	3.1
N814505		9.9	82.9	<0.002	0.05	3.51	11.4	1	2.8	319	0.63	<0.05	10.5	0.258	1.14	3.3
N814506		11.9	80.4	<0.002	0.63	10.85	7.1	1	2.7	70.0	0.37	0.08	7.9	0.150	0.93	1.9
N814507		1.2	1.9	<0.002	<0.01	0.07	0.4	1	<0.2	38.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N814508		21.1	125.0	<0.002	0.89	13.30	11.9	2	3.0	203	0.70	0.17	12.5	0.257	1.47	3.9
N814509		14.0	93.5	<0.002	0.07	3.63	11.5	2	1.8	348	0.67	<0.05	10.6	0.276	1.15	2.7
N814510		15.1	116.5	<0.002	0.08	5.84	12.2	2	1.9	322	0.76	<0.05	13.8	0.283	1.28	3.8



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 Plus Appendix Pages  
 Finalized Date: 4-SEP-2012  
 Account: ROCKHA

Project: Klaza - 105

**CERTIFICATE OF ANALYSIS WH12180699**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814475		77	0.9	16.7	69	26.7	<1
N814476		82	1.0	16.4	73	25.8	<1
N814477		79	2.5	14.1	69	21.2	<1
N814478		83	1.6	16.8	64	23.2	<1
N814479		80	2.5	13.9	83	22.7	<1
N814480		81	2.5	14.8	72	24.2	<1
N814481		79	1.4	13.6	57	23.6	<1
N814482		80	2.9	12.9	51	19.8	<1
N814483		75	2.2	13.6	61	22.4	<1
N814484		74	1.7	14.7	64	25.7	<1
N814485		61	5.2	11.0	3180	36.5	10
N814486		79	0.8	15.6	56	25.2	<1
N814487		77	1.4	15.0	52	21.9	<1
N814488		78	1.9	14.5	48	22.2	<1
N814489		77	1.4	15.0	54	21.7	<1
N814490		80	0.9	14.7	52	26.0	<1
N814491		77	0.9	14.8	50	22.4	<1
N814492		79	1.1	15.1	47	25.0	<1
N814493		77	1.7	15.0	48	23.7	<1
N814494		79	1.9	15.5	52	24.7	<1
N814495		73	1.0	14.7	46	24.0	<1
N814496		80	2.6	15.7	57	21.4	<1
N814497		57	5.1	10.2	2980	35.1	9
N814498		80	1.2	15.7	52	24.0	<1
N814499		85	2.2	13.7	53	22.7	<1
N814500		101	1.6	17.6	55	27.7	<1
N814501		65	3.0	15.3	70	22.3	<1
N814502		3	0.1	0.8	16	<0.5	<1
N814503		85	1.0	16.9	55	25.2	<1
N814504		75	1.4	16.0	51	23.5	<1
N814505		71	2.0	13.7	54	21.1	<1
N814506		46	4.0	9.5	42	10.6	1
N814507		2	0.1	0.9	14	<0.5	<1
N814508		70	3.7	14.2	67	24.0	<1
N814509		77	1.5	15.5	54	23.8	<1
N814510		77	2.0	15.2	56	25.5	<1



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**CERTIFICATE OF ANALYSIS WH12180699**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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## CERTIFICATE WH12181680

Project: Klaza - 105

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
 J TARSWELL

HEATHER SMITH  
 MATT TURNER

JARED TARSWELL

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12181680**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N814511		2.78	0.093	0.54	6.80	49.1	1830	1.44	5.47	3.44	0.47	51.6	6.7	9	20.7	60.4
N814512		3.04	0.069	1.02	5.87	70.9	2490	1.38	1.51	3.40	0.55	44.2	8.9	8	16.95	57.9
N814513		2.65	0.091	0.54	7.09	67.7	1740	1.45	4.28	2.52	0.41	45.3	10.4	9	23.0	78.4
N814514		5.54	<0.005	0.05	7.24	11.0	1850	1.53	0.50	2.43	0.12	45.2	7.1	10	28.2	15.6
N814515		2.89	0.008	0.17	6.82	28.4	1600	1.63	0.33	2.73	0.40	44.0	13.2	10	20.9	15.0
N814516		0.28	4.39	>100	5.33	8110	1180	1.21	58.4	1.91	220	40.9	9.0	17	12.05	1215
N814517		4.08	<0.005	0.14	6.96	10.2	1760	1.71	0.31	2.85	0.26	45.3	7.3	10	19.85	27.0
N814518		2.42	0.005	0.56	6.81	27.8	2270	1.51	0.67	2.83	0.48	50.3	8.2	8	18.00	42.0
N814519		6.41	0.005	0.31	6.83	48.0	1830	1.73	0.16	2.69	1.18	46.8	7.0	10	23.7	10.4
N814520		2.87	0.540	50.0	6.43	2850	910	1.36	30.6	1.47	37.4	47.8	11.4	9	10.40	383
N814521		5.31	0.025	0.96	6.87	390	1170	2.07	0.37	2.24	0.81	58.0	7.3	17	23.5	25.8
N814522		2.59	0.094	4.35	7.16	93.7	1020	1.73	4.50	1.71	8.98	48.2	8.9	9	16.90	75.2
N814523		2.81	<0.005	0.14	7.14	14.9	950	2.03	0.15	2.13	0.52	67.0	4.7	11	34.6	9.6
N814524		1.59	<0.005	0.08	7.02	12.2	700	2.09	0.13	2.31	0.46	66.5	4.6	11	34.7	8.7
N814525		8.00	0.036	0.57	6.93	19.2	1360	1.97	0.71	2.66	1.71	63.4	5.5	11	22.3	15.4
N814526		3.14	<0.005	0.21	6.83	9.9	2070	1.39	0.19	2.84	0.42	62.3	5.1	12	4.82	5.2
N814527		4.57	1.620	>100	2.62	3690	180	0.67	69.6	2.04	92.0	24.0	114.0	8	4.67	2820
N814528		3.07	<0.005	0.35	0.08	10	30	0.06	0.13	21.3	0.15	1.25	1.1	<1	0.23	5.0
N814529		3.89	<0.005	0.28	7.34	8.7	2080	1.53	0.17	2.40	0.15	49.8	8.8	8	11.20	9.4
N814530		2.19	0.026	1.54	6.78	61.1	1710	1.53	0.80	2.87	1.26	46.6	7.7	9	13.15	28.0
N814531		2.12	<0.005	0.03	0.08	7	30	0.07	0.04	21.5	0.07	1.34	1.1	<1	0.22	2.9
N814532		5.04	<0.005	0.13	7.45	4.5	2210	1.63	0.15	2.88	0.12	51.3	8.1	12	8.06	9.7
N814533		2.07	0.044	0.73	7.75	111.5	1880	1.53	0.86	2.57	0.36	60.1	8.3	10	7.75	43.3
N814534		2.61	0.035	0.63	7.60	46.4	1920	1.36	0.75	2.74	2.13	51.8	8.5	13	6.62	34.6
N814535		3.49	<0.005	0.10	7.45	3.7	2240	1.70	0.31	2.62	0.10	51.3	7.4	12	6.45	13.1
N814536		0.28	0.751	9.76	6.52	1550	1070	1.49	6.70	1.89	43.6	44.1	16.6	19	16.20	107.0
N814537		3.80	<0.005	0.17	7.31	6.1	1750	1.67	0.25	2.71	0.17	50.1	6.5	12	6.39	6.9
N814538		5.76	<0.005	0.09	7.48	3.3	2270	1.54	0.12	2.70	0.11	45.8	8.1	14	5.48	6.0
N814539		4.28	<0.005	0.09	7.58	3.4	2090	1.68	0.18	2.80	0.10	53.4	7.7	14	5.14	7.2
N814540		<0.02	<0.005	0.09	7.45	3.4	2100	1.60	0.17	2.74	0.10	47.7	8.0	15	4.83	7.6
N814541		5.22	0.006	0.32	7.00	8.3	1980	1.73	0.38	3.14	0.15	46.2	7.5	11	8.59	37.4
N814542		8.11	<0.005	0.08	7.42	3.2	2260	1.74	0.17	3.06	0.09	51.3	8.2	14	6.54	6.6
N814543		7.04	<0.005	0.10	7.43	3.5	2290	1.71	0.15	2.58	0.09	51.5	8.2	11	7.79	7.1
N814544		2.77	<0.005	0.11	7.57	3.8	2370	1.74	0.17	2.64	0.11	52.0	7.9	133	6.89	12.9
N814545		4.58	<0.005	0.12	7.18	4.5	2220	1.60	0.21	2.61	0.10	44.8	5.6	11	8.61	12.1
N814546		6.13	<0.005	0.14	7.65	10.8	2670	1.37	0.30	1.68	0.13	45.4	4.7	11	11.40	11.0



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Project: Klaza - 105

**CERTIFICATE OF ANALYSIS WH12181680**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814511		3.47	14.05	0.09	1.1	0.118	2.56	31.1	28.5	1.12	1200	0.75	0.07	7.4	2.4	530
N814512		3.43	12.50	0.09	0.9	0.136	2.26	23.6	38.3	1.09	1140	0.94	0.04	6.2	2.7	450
N814513		3.54	14.95	0.09	1.0	0.105	2.01	24.9	62.8	0.82	1170	0.44	0.07	7.8	2.6	600
N814514		3.09	16.75	0.10	1.2	0.057	2.43	23.9	65.8	0.65	573	0.40	0.76	8.6	2.8	630
N814515		3.23	16.05	0.10	1.1	0.116	2.64	23.3	19.6	0.79	1180	0.37	1.30	8.5	3.2	610
N814516		8.04	12.40	0.13	1.1	5.10	2.23	21.1	31.3	0.62	2990	15.90	0.08	5.7	14.3	440
N814517		3.09	16.30	0.09	1.1	0.126	2.34	21.2	28.2	0.69	609	0.40	1.55	8.5	3.0	630
N814518		4.18	15.15	0.10	1.0	0.319	2.64	28.4	39.7	0.85	3200	0.73	0.23	7.4	2.8	580
N814519		2.96	15.60	0.10	1.4	0.085	2.72	22.2	11.9	0.54	817	0.43	1.60	8.1	2.7	570
N814520		5.71	14.15	0.12	1.2	1.105	2.78	25.3	7.9	0.59	1240	7.82	0.06	6.8	3.3	510
N814521		2.53	17.70	0.10	3.4	0.044	2.85	32.1	19.2	0.79	897	1.95	0.04	10.4	6.6	1010
N814522		3.58	16.40	0.10	1.4	0.217	1.80	25.7	37.9	0.71	1140	1.69	0.03	8.5	3.7	630
N814523		2.40	17.65	0.11	2.6	0.028	2.57	37.0	22.6	0.88	605	0.94	0.06	11.9	2.7	850
N814524		2.53	17.75	0.12	2.6	0.027	2.53	36.3	24.7	0.90	669	1.10	0.06	12.0	2.9	860
N814525		2.38	18.40	0.11	2.7	0.069	1.91	34.4	139.0	0.81	848	1.89	0.07	12.2	3.2	860
N814526		2.40	17.95	0.10	2.5	0.034	0.40	32.8	162.5	1.01	683	1.51	0.03	11.6	2.8	850
N814527		14.65	7.20	0.24	0.4	1.840	0.94	12.7	21.3	0.54	900	4.12	0.01	3.0	3.4	220
N814528		0.53	0.28	<0.05	<0.1	0.007	0.02	0.6	1.4	12.85	201	0.13	<0.01	0.3	2.2	190
N814529		2.95	17.75	0.12	1.2	0.068	2.70	24.2	20.4	0.76	669	0.73	1.29	8.6	2.8	680
N814530		3.31	16.75	0.12	1.0	0.099	2.71	23.8	16.8	0.93	1170	0.74	0.86	7.6	2.6	550
N814531		0.48	0.30	0.05	<0.1	0.007	0.03	0.7	1.2	13.00	203	0.10	0.01	0.3	1.9	200
N814532		3.10	18.05	0.12	1.2	0.053	2.51	25.6	13.4	0.88	678	1.01	2.14	8.5	3.0	620
N814533		3.91	18.30	0.15	1.1	0.070	3.02	32.8	13.8	0.90	924	1.24	1.29	8.4	3.0	620
N814534		3.65	15.85	0.13	1.2	0.061	2.93	26.2	10.9	0.89	909	0.93	1.73	7.6	2.8	600
N814535		3.14	17.60	0.11	1.4	0.050	2.56	25.7	13.3	0.90	673	0.76	2.32	8.6	2.9	640
N814536		5.17	16.00	0.15	1.3	0.966	2.79	22.4	24.8	0.69	1960	12.50	0.26	7.6	15.0	510
N814537		3.18	17.70	0.13	1.1	0.092	2.43	25.8	14.8	0.89	717	0.76	2.24	8.5	2.9	600
N814538		3.10	18.30	0.12	1.3	0.048	2.61	22.8	13.9	0.90	666	0.72	2.33	8.7	2.9	620
N814539		3.15	18.20	0.13	1.3	0.080	2.58	26.9	13.3	0.90	726	0.88	2.28	8.8	3.0	620
N814540		3.17	17.95	0.13	1.4	0.078	2.59	24.1	12.9	0.89	715	0.91	2.29	8.8	3.2	620
N814541		3.11	17.85	0.12	1.4	0.113	2.65	22.1	13.0	0.86	938	12.70	1.95	8.8	2.9	590
N814542		3.13	18.30	0.12	1.3	0.053	2.58	25.2	14.5	0.87	902	1.18	2.20	8.8	3.1	600
N814543		3.14	17.85	0.12	1.3	0.050	2.66	26.4	13.7	0.88	680	1.34	2.13	8.7	3.0	610
N814544		3.26	18.55	0.13	1.1	0.074	2.72	26.4	10.5	0.88	672	1.39	2.16	8.6	22.2	630
N814545		2.89	17.45	0.13	1.0	0.077	2.62	22.7	17.3	0.64	537	0.73	1.47	8.3	2.6	590
N814546		3.22	18.50	0.11	1.0	0.096	2.60	22.7	31.3	0.40	650	0.70	0.15	8.6	2.6	630



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**CERTIFICATE OF ANALYSIS WH12181680**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814511		18.8	127.0	<0.002	0.59	15.15	10.2	1	2.3	167.5	0.71	0.17	14.9	0.230	1.79	6.5
N814512		19.2	114.5	<0.002	1.05	30.1	8.8	1	2.8	139.0	0.61	0.17	11.6	0.192	1.64	4.9
N814513		21.8	79.3	<0.002	0.86	19.40	10.9	1	2.0	137.5	0.70	0.17	12.3	0.258	1.54	3.0
N814514		18.5	86.3	<0.002	0.07	10.60	11.6	1	1.7	245	0.74	<0.05	13.4	0.269	1.23	4.6
N814515		27.9	106.5	<0.002	0.21	4.45	11.2	1	1.9	292	0.75	<0.05	12.7	0.262	1.52	4.3
N814516		9280	135.5	0.002	6.89	207	7.4	2	9.1	126.0	0.50	0.43	9.8	0.177	2.03	5.7
N814517		20.2	88.7	<0.002	0.06	5.96	11.3	1	2.1	300	0.73	<0.05	11.6	0.268	1.31	4.3
N814518		56.6	110.5	<0.002	0.24	15.20	11.0	1	3.1	164.0	0.64	0.05	13.1	0.237	1.65	5.5
N814519		79.8	114.5	<0.002	0.35	4.88	10.5	1	1.9	319	0.77	<0.05	13.6	0.251	1.41	4.5
N814520		4080	173.5	<0.002	5.38	97.6	9.6	1	7.7	64.4	0.64	0.43	13.1	0.211	2.57	4.3
N814521		80.7	142.0	<0.002	0.85	18.80	7.1	1	4.3	200	0.82	<0.05	10.1	0.266	3.04	5.3
N814522		491	82.9	<0.002	0.99	21.3	10.7	1	11.9	158.0	0.79	0.06	13.2	0.256	1.72	4.2
N814523		41.7	92.7	<0.002	0.04	6.67	6.1	1	2.8	280	0.90	<0.05	10.6	0.246	1.76	5.1
N814524		31.5	88.2	<0.002	0.02	7.23	6.1	1	2.3	274	0.91	<0.05	10.8	0.248	1.70	5.4
N814525		80.0	61.5	<0.002	0.08	7.23	6.2	1	1.9	374	0.94	<0.05	9.9	0.245	1.34	5.4
N814526		27.0	11.7	<0.002	0.09	4.42	6.0	1	1.7	265	0.77	<0.05	9.0	0.238	0.40	6.8
N814527		>10000	58.6	0.006	>10.0	458	3.0	6	10.2	106.5	0.21	8.26	4.0	0.084	0.99	3.8
N814528		17.0	1.0	<0.002	0.06	0.62	0.2	2	<0.2	43.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N814529		26.9	102.0	<0.002	0.08	4.18	10.6	1	1.8	273	0.68	<0.05	12.9	0.269	1.26	3.3
N814530		135.5	129.5	<0.002	0.59	5.47	10.2	1	3.5	233	0.61	0.05	11.7	0.231	1.62	5.2
N814531		2.9	1.8	<0.002	<0.01	0.07	0.2	2	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
N814532		18.3	104.0	<0.002	0.03	1.24	11.9	1	1.6	403	0.68	<0.05	12.0	0.259	0.99	4.0
N814533		36.1	157.5	<0.002	0.80	2.75	12.9	1	4.4	281	0.65	<0.05	14.4	0.261	1.56	4.4
N814534		145.5	111.5	<0.002	0.51	1.80	10.7	1	2.7	311	0.65	<0.05	12.7	0.271	1.37	3.9
N814535		18.1	105.5	<0.002	0.02	1.30	12.0	1	1.6	413	0.70	<0.05	13.4	0.265	1.00	4.4
N814536		1390	165.0	0.002	3.11	35.2	9.0	2	6.2	146.0	0.61	0.29	11.5	0.208	2.47	5.1
N814537		20.4	110.0	<0.002	0.04	2.19	11.6	1	1.7	323	0.69	<0.05	13.4	0.257	1.13	4.7
N814538		18.2	100.0	<0.002	0.01	1.13	11.7	1	1.6	421	0.70	<0.05	13.0	0.264	0.94	4.4
N814539		16.5	112.0	<0.002	0.02	1.17	12.3	1	1.7	392	0.73	<0.05	14.0	0.265	1.06	4.7
N814540		16.2	106.0	<0.002	0.02	1.16	12.3	1	1.7	390	0.72	<0.05	13.7	0.267	1.06	4.8
N814541		20.9	102.0	<0.002	0.11	2.19	11.2	1	1.8	373	0.80	<0.05	13.0	0.251	1.28	4.8
N814542		17.9	99.1	<0.002	0.01	1.25	11.9	1	1.6	425	0.77	<0.05	12.9	0.261	0.97	4.8
N814543		17.1	107.0	<0.002	0.01	1.53	12.3	1	1.6	409	0.74	<0.05	13.5	0.262	1.04	4.7
N814544		18.4	109.0	<0.002	0.02	1.85	12.3	1	1.8	427	0.69	<0.05	13.3	0.270	1.14	4.1
N814545		17.1	107.0	<0.002	0.03	3.59	11.7	1	1.8	330	0.68	<0.05	11.5	0.255	1.16	4.8
N814546		18.0	100.5	<0.002	0.13	23.1	12.4	1	2.0	105.0	0.70	<0.05	12.3	0.268	1.21	2.6



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N814511		67	6.1	17.7	75	25.5	<1		
N814512		59	6.4	14.7	57	21.1	1		
N814513		73	3.4	14.3	73	23.7	<1		
N814514		79	1.7	16.2	53	27.6	<1		
N814515		76	1.6	15.8	76	24.7	<1		
N814516		52	4.6	10.4	>10000	33.8	119		1.655
N814517		78	3.5	16.4	62	26.5	<1		
N814518		72	2.5	15.1	78	24.4	<1		
N814519		70	1.7	15.2	137	34.9	1		
N814520		57	9.2	8.7	2930	33.6	51		
N814521		60	3.6	13.6	120	120.0	1		
N814522		73	4.2	14.7	605	36.3	5		
N814523		49	1.8	13.6	97	80.4	<1		
N814524		49	1.8	14.0	90	80.9	1		
N814525		49	2.2	13.0	133	82.4	1		
N814526		47	2.1	12.0	94	79.5	<1		
N814527		25	3.4	6.9	6310	15.4	286	1.990	
N814528		2	0.1	0.8	20	0.5	<1		
N814529		73	3.3	15.0	58	28.8	<1		
N814530		67	1.7	14.0	144	24.4	2		
N814531		2	0.1	0.9	15	<0.5	<1		
N814532		72	1.7	16.5	52	28.7	<1		
N814533		76	2.9	17.2	67	28.2	1		
N814534		75	6.8	15.2	255	29.5	1		
N814535		76	1.3	17.6	53	33.5	<1		
N814536		58	5.5	11.4	3070	36.9	10		
N814537		71	1.7	15.8	56	26.2	<1		
N814538		75	1.3	16.8	49	30.3	<1		
N814539		74	1.8	17.3	50	30.3	<1		
N814540		74	1.8	16.9	50	33.1	<1		
N814541		73	1.8	16.7	57	32.3	<1		
N814542		74	1.9	18.2	54	31.3	<1		
N814543		74	3.1	17.6	50	29.9	<1		
N814544		78	1.6	16.9	50	25.4	<1		
N814545		72	1.8	15.1	50	24.5	<1		
N814546		76	5.3	13.5	60	25.8	<1		



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Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.



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P.O. No.: Batch 5

This report is for 13 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814547		3.63	<0.005	0.26	7.40	12.0	1960	1.63	1.02	2.01	0.11	51.0	6.7	9	9.99	7.1
N814548		5.10	0.006	0.41	7.16	26.5	2460	1.66	1.28	2.04	0.21	58.0	27.3	8	9.10	2.8
N814549		7.02	<0.005	0.23	6.73	15.8	2280	1.59	0.76	2.44	0.14	46.0	11.6	8	17.60	20.2
N814550		2.17	<0.005	0.01	0.12	6	40	0.10	0.03	20.6	0.07	1.43	1.1	<1	0.31	2.5
N814551		5.29	<0.005	0.23	7.43	15.1	1720	1.69	0.57	1.92	0.15	51.8	8.9	9	8.78	43.3
N814552		4.29	<0.005	0.09	7.61	5.3	2140	1.46	0.21	2.46	0.11	45.3	5.5	10	7.47	9.6
N814553		4.09	<0.005	0.13	8.00	7.6	2160	1.32	0.26	1.39	0.15	59.8	7.9	9	8.84	52.6
N814554		6.96	<0.005	0.18	7.57	10.7	2170	1.23	1.08	1.55	0.16	47.8	13.4	10	6.31	13.7
N814555		5.29	<0.005	0.09	7.57	6.9	2090	1.32	0.39	2.06	0.09	47.3	7.5	11	6.96	3.1
N814556		<0.02	<0.005	0.09	7.43	6.9	2010	1.46	0.48	1.95	0.10	48.1	8.1	8	6.64	3.8
N814557		7.49	<0.005	0.07	7.46	4.4	2110	1.57	0.17	2.22	0.10	47.1	7.0	9	7.60	1.8
N814558		7.75	<0.005	0.06	7.59	4.6	2070	1.55	0.14	1.89	0.13	50.4	5.9	10	8.35	9.3
N814559		9.11	<0.005	0.12	7.43	6.2	2120	1.30	0.26	1.69	0.13	48.9	7.8	8	7.25	7.4





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**CERTIFICATE OF ANALYSIS WH12181681**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N814547		3.17	16.80	0.12	1.1	0.212	2.33	26.4	37.5	0.84	911	0.49	0.06	8.5	2.9	570
N814548		4.29	17.95	0.13	0.8	0.257	2.47	30.6	140.5	0.93	1160	0.97	0.08	7.8	3.6	580
N814549		3.23	15.65	0.11	0.7	0.154	2.24	23.2	59.1	1.00	848	0.44	0.06	7.5	3.0	540
N814550		0.50	0.36	<0.05	<0.1	0.011	0.04	0.7	1.7	12.40	210	1.70	0.01	0.3	2.4	190
N814551		3.89	17.70	0.13	0.9	0.183	2.25	24.9	42.7	0.74	613	0.38	1.69	8.8	2.9	630
N814552		3.29	17.95	0.11	1.0	0.098	2.74	21.6	10.1	0.85	580	0.29	2.33	8.8	2.8	630
N814553		3.30	18.95	0.13	1.0	0.108	2.95	31.0	28.0	0.93	472	0.37	0.86	9.3	3.3	650
N814554		3.29	18.00	0.11	1.0	0.113	2.61	23.5	20.0	0.78	559	0.33	1.11	8.8	2.7	650
N814555		3.43	18.10	0.12	1.0	0.110	2.59	23.0	13.3	0.87	603	0.27	1.81	8.8	2.9	610
N814556		3.33	17.75	0.12	1.0	0.112	2.50	23.5	13.6	0.85	574	0.24	1.79	8.5	2.7	580
N814557		3.12	17.60	0.12	1.1	0.086	2.46	22.7	15.7	0.84	610	0.21	2.01	8.8	2.8	600
N814558		3.34	17.60	0.12	0.9	0.084	2.82	24.6	14.5	0.85	620	0.26	1.81	8.7	2.9	610
N814559		3.42	16.95	0.14	0.9	0.094	2.76	24.5	16.8	0.82	556	0.26	1.19	8.6	2.7	630



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**CERTIFICATE OF ANALYSIS WH12181681**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814547		8.7	115.0	<0.002	0.36	13.70	10.9	1	2.2	76.0	0.80	0.05	14.3	0.248	1.68	3.2
N814548		12.6	138.5	<0.002	0.79	8.32	11.7	1	2.1	87.7	0.60	0.14	13.2	0.244	1.90	4.1
N814549		10.0	119.5	<0.002	0.48	12.75	11.0	1	2.7	118.5	0.57	0.08	12.8	0.232	1.74	3.6
N814550		1.4	2.5	<0.002	0.02	0.08	0.3	1	<0.2	51.9	<0.05	<0.05	0.2	<0.005	0.02	0.6
N814551		13.0	95.1	<0.002	0.21	10.95	12.2	1	2.3	266	0.67	<0.05	13.1	0.262	1.35	4.4
N814552		15.8	101.0	<0.002	0.03	2.29	11.6	1	1.8	408	0.68	<0.05	12.3	0.272	1.27	3.7
N814553		18.3	121.0	<0.002	0.07	6.66	12.0	1	12.0	186.5	0.71	<0.05	14.3	0.281	1.42	3.1
N814554		16.7	106.0	<0.002	0.13	7.47	11.9	1	3.3	212	0.70	<0.05	13.5	0.271	1.25	3.0
N814555		15.6	103.0	<0.002	0.08	2.70	12.2	1	1.7	303	0.71	<0.05	13.4	0.266	1.22	4.3
N814556		15.6	101.5	<0.002	0.08	2.68	11.8	1	1.6	294	0.66	<0.05	13.4	0.250	1.18	4.1
N814557		16.5	93.6	<0.002	0.02	3.61	12.1	1	1.6	371	0.72	<0.05	12.4	0.258	1.13	4.1
N814558		17.1	121.5	<0.002	0.03	4.04	12.4	1	2.8	297	0.65	<0.05	13.6	0.265	1.31	3.5
N814559		19.9	121.5	<0.002	0.07	5.24	12.3	1	2.6	241	0.65	<0.05	13.6	0.269	1.38	2.8



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**CERTIFICATE OF ANALYSIS WH12181681**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814547		71	3.1	14.0	58	24.4	<1
N814548		77	3.7	14.0	79	20.2	1
N814549		67	2.4	13.6	59	20.0	<1
N814550		3	0.1	0.9	17	<0.5	<1
N814551		77	1.6	16.1	63	21.6	<1
N814552		75	1.8	17.2	49	25.1	<1
N814553		78	5.4	17.9	56	25.4	<1
N814554		76	3.3	15.7	59	24.7	<1
N814555		75	1.7	16.4	52	24.9	<1
N814556		71	1.6	16.2	52	25.2	<1
N814557		73	2.0	17.3	53	27.2	<1
N814558		74	1.7	16.4	57	24.5	<1
N814559		74	2.4	15.8	55	24.1	<1



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**CERTIFICATE OF ANALYSIS WH12181681**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12181682**

Project: Klaza -106

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12181682**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355461		3.63	0.015	0.39	7.95	74.6	1850	1.59	0.30	0.63	0.95	52.5	6.4	9	19.50	5.1
M355462		5.60	<0.005	0.16	7.77	17.5	2190	1.57	0.31	1.86	0.49	49.4	6.8	8	9.12	4.7
M355463		5.54	0.025	0.43	8.12	93.7	1870	1.50	0.22	0.65	1.11	59.4	6.5	8	26.2	8.0
M355464		4.69	<0.005	0.17	7.82	25.0	2300	1.56	0.08	1.81	0.70	49.9	6.2	8	14.70	4.7
M355465		6.51	<0.005	0.23	7.72	38.9	2200	1.49	0.33	1.66	0.44	51.3	11.2	9	11.50	8.1
M355466		<0.02	<0.005	0.21	7.90	36.9	2240	1.48	0.33	1.73	0.42	50.5	11.0	8	11.30	7.0
M355467		6.74	<0.005	0.08	7.78	14.3	2270	1.53	0.08	2.39	0.23	50.8	7.2	12	8.96	5.3
M355468		6.79	<0.005	0.08	7.68	21.9	1880	1.61	0.21	1.87	0.16	47.8	5.8	9	8.31	2.9
M355469		7.25	<0.005	0.09	7.37	12.6	2190	1.45	0.08	2.68	0.19	42.0	7.3	10	10.45	4.4
M355470		7.18	<0.005	0.06	7.16	8.2	1990	1.50	0.07	2.54	0.11	44.2	7.4	12	8.21	4.6
M355471		3.34	<0.005	0.05	7.54	9.0	2060	1.59	0.07	2.66	0.11	46.5	7.9	9	8.66	5.0
M355472		3.83	<0.005	0.11	7.23	17.1	1510	1.71	0.26	2.43	0.15	44.0	5.9	9	11.40	5.8
M355473		3.13	0.005	0.40	7.45	45.4	1930	1.59	0.67	1.80	1.39	54.9	11.4	9	14.30	8.3
M355474		5.26	<0.005	0.09	6.73	41.3	960	2.64	0.28	1.21	0.43	37.6	2.2	4	23.3	6.1
M355475		2.93	<0.005	0.04	6.65	25.4	1070	2.24	0.03	1.48	0.08	36.3	1.7	3	24.0	1.6
M355476		0.26	2.41	24.8	5.60	2250	1390	1.18	18.85	2.10	79.1	41.7	10.6	18	13.60	425
M355477		7.59	<0.005	0.04	6.51	13.9	1210	2.51	0.03	1.73	0.08	36.9	1.7	3	22.3	0.6
M355478		4.06	<0.005	0.05	6.54	29.4	780	2.86	0.11	1.56	0.06	34.7	1.6	3	27.7	<0.2
M355479		2.82	0.119	2.83	7.04	179.5	1530	2.50	2.49	2.44	12.25	42.0	9.0	9	21.1	37.6
M355480		3.80	<0.005	0.02	0.08	7	40	0.07	0.03	20.0	0.09	1.08	1.0	<1	0.23	2.4
M355481		8.30	<0.005	0.22	6.63	30.3	2160	1.51	0.33	2.73	0.49	34.9	7.2	10	14.10	5.5
M355482		2.32	0.005	0.18	6.87	16.4	1790	1.38	0.15	2.42	0.62	38.3	6.0	9	14.50	4.2
M355483		2.76	0.131	3.31	6.36	152.0	1190	1.44	1.99	2.59	9.96	37.1	8.0	7	15.65	50.7
M355484		4.69	<0.005	0.24	7.07	22.0	1560	1.40	0.13	2.29	0.33	39.3	5.2	7	19.70	5.8
M355485		2.66	0.010	0.36	7.17	28.6	1240	1.37	0.14	2.48	1.43	44.0	5.8	7	19.70	10.4
M355486		3.13	0.548	3.77	7.63	575	810	1.83	0.40	2.58	18.40	53.4	5.9	8	25.9	23.0
M355487		3.70	0.006	0.32	7.03	14.1	1090	1.82	0.16	3.10	0.53	45.1	6.2	13	28.3	7.5
M355488		6.57	<0.005	0.07	7.36	9.2	1800	1.69	0.07	2.61	0.14	54.7	5.7	9	26.4	4.0
M355489		0.26	2.32	26.4	5.84	2650	1380	1.34	18.15	2.16	80.5	42.1	10.2	18	14.45	445
M355490		6.19	<0.005	0.13	7.24	12.8	2300	1.62	0.14	2.89	0.19	53.6	7.0	20	29.8	12.3
M355491		4.97	0.033	0.59	7.33	39.4	1730	1.84	0.39	2.03	0.48	47.9	6.1	9	22.6	7.5
M355492		2.45	0.215	8.05	6.62	522	940	1.75	2.11	1.80	15.90	44.5	11.2	7	19.80	54.5
M355493		3.59	<0.005	0.03	0.11	8	30	0.07	0.02	21.1	0.10	1.32	1.1	<1	0.45	2.6
M355494		2.55	<0.005	0.13	6.88	5.3	2110	1.33	0.28	2.86	0.15	39.2	6.9	9	12.70	5.1
M355495		7.61	<0.005	0.06	7.24	4.4	2060	1.41	0.08	2.71	0.08	59.8	7.0	10	10.05	3.9
M355496		9.41	<0.005	0.05	7.56	3.6	2140	1.47	0.11	2.76	0.08	53.3	7.5	9	8.55	5.0



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**CERTIFICATE OF ANALYSIS WH12181682**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355461		2.90	18.90	0.12	0.9	0.094	2.32	28.9	21.0	0.23	901	1.24	1.97	9.1	2.9	660
M355462		2.71	18.20	0.12	1.0	0.042	2.66	24.6	12.1	0.50	492	0.64	2.33	8.3	3.1	590
M355463		2.93	19.10	0.12	1.1	0.058	2.85	33.5	22.9	0.20	1020	1.29	1.60	8.7	2.9	660
M355464		3.04	18.30	0.12	0.8	0.052	2.46	26.1	14.7	0.37	520	0.75	2.20	8.7	2.9	660
M355465		3.15	18.70	0.13	0.9	0.063	2.49	25.3	17.5	0.59	714	0.76	2.10	9.0	3.2	650
M355466		3.17	19.15	0.13	0.9	0.066	2.56	25.6	17.5	0.61	707	0.74	2.16	9.0	3.2	670
M355467		3.07	18.50	0.13	0.9	0.047	2.49	24.9	14.0	0.73	642	0.73	2.38	8.7	3.4	640
M355468		2.98	18.15	0.13	0.9	0.099	2.10	23.6	14.2	0.70	547	0.52	2.51	8.9	3.2	620
M355469		2.98	18.20	0.12	0.9	0.044	2.38	19.9	17.1	0.67	592	0.61	2.21	8.6	2.9	620
M355470		2.90	17.50	0.13	1.0	0.045	2.03	20.8	15.2	0.78	571	0.58	2.40	8.7	2.9	600
M355471		3.02	18.85	0.12	1.0	0.048	2.09	22.0	15.1	0.82	585	0.56	2.56	9.1	3.0	620
M355472		3.09	18.85	0.13	1.1	0.100	1.58	20.2	13.6	0.73	587	0.61	2.93	9.3	3.3	630
M355473		3.28	18.45	0.15	1.0	0.146	2.31	27.5	15.7	0.43	700	0.98	2.13	9.6	3.1	670
M355474		1.36	18.90	0.12	2.2	0.019	3.29	18.2	47.1	0.18	493	1.24	0.18	14.1	1.1	330
M355475		1.22	20.2	0.11	2.5	0.021	3.73	16.8	21.0	0.27	381	0.33	0.28	15.8	0.9	320
M355476		6.28	15.30	0.18	0.9	1.765	2.49	21.3	22.0	0.86	1840	13.60	0.04	6.1	15.2	430
M355477		1.27	19.65	0.11	2.5	0.021	3.54	16.7	16.9	0.28	450	0.36	0.42	16.2	0.9	320
M355478		1.22	19.30	0.10	2.5	0.016	2.96	16.5	31.9	0.37	400	1.38	0.09	16.2	0.8	300
M355479		3.57	16.90	0.13	1.2	0.613	3.03	22.2	20.5	0.84	1300	2.24	0.74	8.7	3.6	550
M355480		0.45	0.27	<0.05	<0.1	0.006	0.03	0.5	1.0	12.05	194	0.13	0.01	0.3	1.9	180
M355481		2.95	16.40	0.11	1.0	0.099	2.27	17.1	13.5	0.70	686	1.47	2.14	8.2	3.1	590
M355482		2.75	15.75	0.11	1.0	0.065	2.50	19.3	24.1	0.70	705	1.10	1.22	7.9	2.8	560
M355483		3.88	14.65	0.13	0.8	0.358	2.80	20.0	23.4	0.83	1790	3.63	0.08	6.8	3.2	480
M355484		2.95	17.20	0.12	0.9	0.057	2.56	19.7	42.6	0.64	715	0.84	0.53	8.2	2.7	590
M355485		2.44	16.85	0.12	0.9	0.095	2.94	22.2	97.6	0.68	1060	0.67	0.09	8.2	3.0	590
M355486		3.69	18.30	0.14	1.4	0.211	2.99	30.2	24.3	0.99	3600	2.97	0.05	8.5	4.1	620
M355487		2.66	17.80	0.12	2.5	0.037	2.61	22.1	24.6	1.11	882	0.69	0.07	8.2	6.1	730
M355488		2.34	19.20	0.13	2.3	0.032	2.73	29.9	24.6	1.03	545	0.46	0.06	8.8	4.2	810
M355489		6.57	14.85	0.16	0.9	1.720	2.60	23.1	22.8	0.90	1840	14.50	0.04	6.1	15.8	460
M355490		2.74	19.40	0.14	2.9	0.043	2.54	28.7	33.2	1.20	683	0.50	0.07	8.3	7.3	820
M355491		3.07	17.10	0.12	1.5	0.088	2.71	26.2	22.5	0.79	1560	0.62	0.05	8.3	3.9	630
M355492		3.95	15.55	0.14	1.2	0.436	2.35	23.4	43.4	0.67	2030	2.44	0.04	7.2	3.9	590
M355493		0.49	0.37	0.05	<0.1	0.009	0.05	0.7	1.2	12.75	216	0.14	<0.01	0.3	2.4	180
M355494		2.88	16.80	0.12	1.0	0.055	2.54	19.7	13.3	0.80	661	0.90	1.85	7.6	2.8	560
M355495		2.88	16.85	0.13	1.0	0.038	2.57	33.1	11.0	0.76	567	1.38	2.20	7.7	2.9	580
M355496		3.11	17.25	0.13	1.1	0.055	2.57	29.4	13.7	0.89	675	1.17	2.18	8.8	3.0	630



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**CERTIFICATE OF ANALYSIS WH12181682**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355461		21.0	126.0	<0.002	0.01	6.01	13.9	1	2.9	181.0	0.69	<0.05	14.7	0.267	1.50	2.3
M355462		23.0	110.0	<0.002	<0.01	1.73	11.0	1	1.7	361	0.64	<0.05	13.8	0.237	1.05	1.2
M355463		32.8	137.5	<0.002	0.01	6.28	13.3	1	2.2	182.0	0.67	<0.05	16.7	0.256	1.71	2.4
M355464		77.9	111.5	<0.002	0.01	3.01	12.5	1	1.7	342	0.68	<0.05	12.0	0.262	1.28	1.7
M355465		21.1	112.0	<0.002	0.01	2.34	13.1	1	2.4	328	0.66	<0.05	12.5	0.265	1.20	1.5
M355466		20.9	113.0	<0.002	0.01	2.27	13.2	1	2.3	342	0.65	<0.05	12.2	0.269	1.19	1.5
M355467		22.5	100.5	<0.002	0.01	1.49	12.3	1	1.9	399	0.63	<0.05	12.6	0.261	1.05	2.4
M355468		13.6	89.3	<0.002	<0.01	2.27	11.9	1	2.8	359	0.70	<0.05	13.8	0.257	0.90	2.0
M355469		15.3	90.1	<0.002	0.01	2.40	12.1	1	1.8	376	0.68	<0.05	10.2	0.258	1.05	2.3
M355470		13.5	84.6	<0.002	0.01	1.88	12.0	1	1.8	418	0.73	<0.05	12.2	0.251	0.93	3.0
M355471		13.6	90.3	<0.002	0.01	1.98	12.7	1	1.9	442	0.75	<0.05	12.4	0.257	0.95	3.2
M355472		10.7	84.9	<0.002	0.03	3.64	12.2	1	2.2	415	0.84	<0.05	12.1	0.256	1.04	3.7
M355473		97.2	124.0	<0.002	0.12	3.50	13.6	1	2.3	317	0.78	<0.05	13.7	0.272	1.43	2.5
M355474		27.1	154.0	<0.002	<0.01	2.52	3.7	1	3.5	131.5	1.44	<0.05	9.1	0.131	1.50	3.7
M355475		27.5	171.5	<0.002	0.01	1.78	3.2	1	1.9	228	1.57	<0.05	8.3	0.123	1.62	3.9
M355476		2760	159.5	<0.002	4.63	88.5	8.6	2	8.0	92.0	0.45	0.40	9.8	0.171	2.26	4.7
M355477		26.8	165.5	<0.002	0.01	1.59	3.2	1	1.8	295	1.47	<0.05	7.7	0.123	1.53	2.6
M355478		25.9	140.5	<0.002	0.02	1.87	2.9	1	2.1	269	1.46	<0.05	8.3	0.123	1.34	9.3
M355479		507	167.5	0.002	1.30	7.63	9.9	1	2.6	284	0.66	0.06	11.0	0.230	2.27	20.3
M355480		2.2	1.7	<0.002	0.01	0.05	0.2	1	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M355481		56.8	84.6	<0.002	0.09	2.94	9.8	1	2.8	386	0.67	<0.05	8.5	0.245	1.14	2.8
M355482		32.6	104.5	<0.002	0.09	5.31	10.0	1	2.0	277	0.63	<0.05	10.1	0.240	1.35	2.9
M355483		805	179.5	0.002	1.78	11.50	8.6	1	3.6	126.0	0.52	0.09	9.9	0.205	2.57	5.4
M355484		23.2	99.3	<0.002	0.10	6.73	10.0	1	1.7	192.0	0.57	<0.05	10.3	0.243	1.62	1.9
M355485		36.3	119.0	<0.002	0.27	12.05	10.5	1	1.6	186.0	0.59	<0.05	16.0	0.245	1.95	1.9
M355486		759	175.5	0.002	1.34	15.30	11.3	1	3.6	193.0	0.70	<0.05	13.7	0.255	2.82	7.9
M355487		24.6	104.0	<0.002	0.09	8.45	9.4	1	1.5	269	0.59	<0.05	8.6	0.283	1.63	3.7
M355488		10.7	123.5	<0.002	0.12	6.72	8.0	1	1.3	253	0.58	<0.05	9.0	0.277	1.49	3.6
M355489		2870	171.5	<0.002	4.84	98.4	8.1	2	8.4	91.1	0.48	0.41	10.4	0.178	2.41	5.0
M355490		13.5	117.0	<0.002	0.18	11.10	10.0	1	1.5	272	0.54	<0.05	8.4	0.291	1.38	3.7
M355491		29.2	137.0	<0.002	0.26	9.10	11.1	1	2.3	172.0	0.67	<0.05	13.9	0.255	2.28	3.9
M355492		360	148.0	<0.002	2.18	26.0	10.8	2	3.6	246	0.54	0.27	10.7	0.242	2.07	6.7
M355493		2.0	2.9	<0.002	0.01	0.11	0.4	1	<0.2	40.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M355494		14.4	95.4	<0.002	0.03	4.24	10.1	1	1.5	351	0.56	<0.05	9.4	0.245	1.08	2.8
M355495		14.9	100.0	<0.002	0.01	1.10	10.7	1	1.4	382	0.57	<0.05	13.7	0.248	0.92	3.3
M355496		13.4	114.0	<0.002	0.01	2.02	12.0	1	1.6	380	0.66	<0.05	14.3	0.271	1.05	4.2





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**CERTIFICATE OF ANALYSIS WH12181682**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355461		76	2.0	20.0	216	23.3	1
M355462		64	1.2	16.3	114	23.0	<1
M355463		73	5.4	21.2	172	26.2	<1
M355464		74	1.6	18.0	124	18.7	<1
M355465		73	1.8	17.4	143	20.7	1
M355466		74	1.7	17.2	147	20.3	<1
M355467		72	0.9	17.4	60	20.5	<1
M355468		70	1.3	15.0	56	22.0	<1
M355469		72	1.9	17.2	54	20.6	<1
M355470		68	0.7	17.5	47	21.7	<1
M355471		72	0.8	18.6	45	23.0	<1
M355472		72	1.5	17.9	56	23.2	<1
M355473		76	1.6	17.8	254	21.7	<1
M355474		18	1.4	16.6	111	52.0	<1
M355475		14	1.7	15.5	59	56.2	<1
M355476		54	4.9	9.7	5310	24.3	25
M355477		14	1.6	15.8	62	58.4	<1
M355478		14	1.9	16.2	69	56.2	<1
M355479		61	3.8	15.4	1290	27.1	3
M355480		2	0.1	0.9	17	<0.5	<1
M355481		70	1.5	15.7	94	19.9	<1
M355482		62	1.4	14.8	96	20.8	<1
M355483		57	5.1	13.2	1010	19.4	3
M355484		68	3.0	13.8	68	21.6	<1
M355485		68	3.3	15.3	171	20.6	<1
M355486		72	5.4	17.3	1500	36.2	4
M355487		72	3.1	15.2	90	75.5	<1
M355488		64	5.3	14.0	58	72.4	<1
M355489		56	5.2	11.0	5490	24.0	25
M355490		72	6.1	15.0	69	91.5	<1
M355491		71	4.9	16.2	80	40.0	1
M355492		66	5.5	12.3	1500	31.3	8
M355493		3	0.2	0.9	16	<0.5	<1
M355494		70	1.2	14.8	48	24.8	<1
M355495		70	1.7	16.9	42	24.8	<1
M355496		77	1.9	19.3	46	27.2	<1



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**CERTIFICATE OF ANALYSIS WH12181682**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12181683**

Project: Klaza - 106

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12181683**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355497		8.24	<0.005	0.05	7.46	3.9	2160	1.57	0.08	2.73	0.08	47.3	8.0	10	7.14	5.0
M355498		6.96	<0.005	0.14	7.36	18.4	2150	1.59	0.15	2.73	0.10	45.6	7.7	11	6.16	16.3
M355499		8.00	<0.005	0.13	7.40	5.1	2170	1.47	0.18	2.68	0.08	47.8	8.0	11	6.00	20.9
M355500		2.49	0.038	5.59	7.26	205	2060	1.49	0.48	2.68	1.38	46.6	8.0	10	6.68	276
M355501		1.71	0.005	2.92	7.45	130.5	2220	1.54	0.18	2.67	0.57	44.8	7.9	9	6.80	151.0
M355502		4.69	<0.005	0.42	7.35	38.9	1960	1.56	0.50	2.69	0.20	48.0	10.2	8	6.07	8.2
M355503		7.82	<0.005	0.34	7.36	9.7	2100	1.64	0.38	2.70	0.09	44.8	8.5	12	5.90	9.9
M355504		3.17	0.036	2.50	7.18	19.8	2150	1.73	2.57	2.98	0.25	43.3	8.8	9	6.99	55.8
M355505		3.48	<0.005	0.06	7.90	2.9	2330	1.82	0.12	2.91	0.08	52.7	8.5	11	6.34	7.1
M355506		7.03	<0.005	0.09	7.68	4.9	2250	1.69	0.15	2.94	0.09	46.9	8.5	11	5.34	6.5
M355507		<0.02	<0.005	0.10	7.59	5.5	2260	1.69	0.17	2.93	0.08	44.9	8.5	13	5.31	7.6
M355508		7.36	0.007	0.54	7.38	56.0	2210	1.52	0.28	2.73	0.15	44.6	7.9	9	5.11	29.0
M355509		7.85	<0.005	0.45	7.43	14.2	2230	1.66	0.23	2.85	0.17	46.8	8.0	10	5.93	17.5
M355510		8.24	<0.005	0.21	7.32	31.1	2280	1.67	0.33	2.67	0.23	48.0	8.4	10	5.72	5.3
M355511		5.40	<0.005	0.16	7.34	11.8	2250	1.68	0.23	2.71	0.14	44.3	7.8	9	5.22	11.0
M355512		3.08	<0.005	0.89	7.44	192.0	2070	1.75	0.25	2.75	2.17	50.7	8.2	10	5.91	7.7
M355513		8.03	<0.005	0.12	7.63	6.6	2260	1.37	0.20	2.87	0.14	54.8	8.0	12	4.27	10.7
M355514		0.26	2.20	25.3	5.82	2180	1230	1.21	19.80	2.21	79.7	45.2	10.7	18	14.90	437
M355515		3.60	<0.005	0.15	7.00	6.1	2050	1.31	0.47	2.94	0.13	45.6	7.5	10	4.76	7.8
M355516		6.89	<0.005	0.42	7.28	19.7	2100	1.32	0.38	2.57	1.09	51.7	7.4	11	5.12	9.8
M355517		2.35	0.347	4.63	6.98	1180	940	1.17	0.22	3.35	29.1	53.2	7.1	7	13.85	21.6
M355518		1.91	<0.005	0.04	0.11	<5	30	0.11	0.04	20.3	0.11	1.26	1.2	<1	1.31	2.6
M355519		5.57	<0.005	0.10	7.19	5.2	2090	1.33	0.11	2.83	0.09	48.5	7.7	11	6.20	6.4
M355520		3.34	0.016	5.37	7.33	143.5	2090	1.25	0.10	2.56	0.84	51.9	6.8	11	5.29	7.1
M355521		2.53	<0.005	0.02	0.20	<5	30	0.09	0.04	20.6	0.07	1.58	1.8	<1	0.83	2.8
M355522		3.74	<0.005	0.16	7.55	6.2	2130	1.35	0.19	2.66	0.08	51.7	7.2	9	5.54	10.5
M355523		5.22	<0.005	0.17	6.94	10.7	2020	1.35	0.12	2.90	0.12	48.4	7.5	10	7.74	5.4
M355524		5.32	<0.005	0.26	7.47	10.5	1810	1.47	0.35	3.35	0.26	54.0	7.6	9	13.30	8.8
M355525		0.26	0.781	9.82	6.64	1110	540	1.30	6.52	1.91	44.0	46.2	16.8	20	17.10	111.0
M355526		4.67	<0.005	0.18	6.56	6.9	1410	1.41	0.24	3.18	0.15	42.6	6.2	8	21.3	3.3
M355527		6.22	<0.005	0.10	7.49	3.5	2130	1.53	0.22	2.73	0.09	52.9	7.1	9	9.86	4.8
M355528		4.40	<0.005	0.09	7.50	3.8	2040	1.48	0.13	2.84	0.08	50.6	7.5	10	11.75	5.4
M355529		4.12	<0.005	0.07	7.31	3.5	2020	1.43	0.13	2.46	0.07	51.1	6.6	9	12.00	5.2
M355530		6.23	<0.005	0.09	7.25	2.1	2110	1.40	0.16	2.90	0.09	45.1	6.8	9	8.49	6.5
M355531		4.06	<0.005	0.16	6.45	5.3	1810	1.25	0.31	3.78	0.08	43.7	8.4	8	23.1	6.4
M355532		2.39	<0.005	0.08	7.01	3.3	2000	1.07	0.27	2.94	0.08	47.0	6.7	8	9.72	5.0



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Finalized Date: 31-AUG-2012  
Account: ROCKHA

Project: Klaza - 106

**CERTIFICATE OF ANALYSIS WH12181683**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355497		3.01	17.35	0.12	1.3	0.040	2.51	24.3	14.4	0.85	614	2.39	2.23	8.2	3.1	610
M355498		3.08	17.25	0.12	1.2	0.051	2.52	22.9	11.7	0.86	703	1.26	2.11	8.3	2.9	610
M355499		3.10	17.40	0.12	1.2	0.057	2.47	24.6	12.9	0.85	653	2.01	2.23	8.3	3.0	600
M355500		3.45	17.45	0.13	1.2	0.207	2.47	23.2	10.8	0.83	1220	0.84	1.95	8.4	3.1	620
M355501		3.24	17.35	0.12	1.3	0.089	2.56	23.0	13.6	0.87	1060	1.20	1.97	8.4	3.1	640
M355502		3.17	17.55	0.12	1.2	0.069	2.41	25.3	15.6	0.83	890	1.00	1.71	8.5	3.0	600
M355503		2.98	17.35	0.11	1.4	0.048	2.44	22.5	11.7	0.81	708	1.30	2.13	8.7	2.9	610
M355504		3.25	17.55	0.11	1.3	0.082	2.33	20.8	15.3	0.86	748	1.13	1.93	8.8	3.2	650
M355505		3.22	18.45	0.12	1.2	0.043	2.42	27.0	11.9	0.91	651	0.91	2.40	9.0	3.2	660
M355506		3.19	17.70	0.13	1.1	0.045	2.31	24.4	12.9	0.89	665	0.94	2.37	8.7	3.1	640
M355507		3.16	18.15	0.13	1.1	0.048	2.35	22.8	13.6	0.86	657	1.20	2.39	8.7	3.2	630
M355508		3.14	17.60	0.13	1.0	0.060	2.26	22.6	12.1	0.88	809	0.76	2.16	8.3	3.0	620
M355509		3.23	17.70	0.13	1.1	0.063	2.11	24.1	12.7	0.95	936	0.95	2.26	8.5	3.6	660
M355510		3.04	17.15	0.12	1.2	0.058	2.03	25.2	11.5	0.85	798	0.89	2.33	8.2	3.1	600
M355511		3.09	17.40	0.12	1.2	0.052	2.33	22.2	12.7	0.85	712	1.22	2.30	8.2	3.0	620
M355512		3.33	17.40	0.13	1.2	0.053	2.30	26.3	13.3	0.93	1060	0.76	2.11	8.6	3.1	620
M355513		2.95	17.65	0.10	1.4	0.040	2.50	28.5	9.7	0.89	691	0.95	2.35	8.6	3.4	600
M355514		6.45	15.20	0.16	1.0	1.760	2.62	23.9	20.6	0.91	1900	14.10	0.04	6.0	16.6	440
M355515		2.71	15.70	0.08	1.3	0.051	2.09	23.1	9.8	0.81	601	1.02	2.37	7.8	2.7	570
M355516		2.88	16.25	0.07	1.3	0.054	2.42	27.6	9.0	0.84	678	0.99	2.13	7.8	2.7	570
M355517		3.87	15.50	0.10	1.4	0.169	2.79	29.2	9.6	0.83	1860	0.96	0.83	7.5	2.5	540
M355518		0.46	0.47	<0.05	<0.1	0.005	0.06	0.6	1.4	12.40	207	0.30	0.01	0.5	1.7	160
M355519		2.88	16.95	0.09	1.4	0.037	2.59	24.4	8.9	0.87	793	0.91	2.12	8.4	2.7	580
M355520		2.74	15.90	0.09	1.3	0.035	2.78	26.8	9.2	0.78	819	0.63	2.02	7.6	2.8	540
M355521		0.53	0.71	0.05	<0.1	<0.005	0.06	0.8	1.6	12.75	230	0.24	0.04	0.5	3.1	180
M355522		2.88	16.65	0.09	1.4	0.039	2.63	28.3	10.1	0.83	649	0.69	2.19	8.1	2.8	570
M355523		2.80	16.60	0.10	1.3	0.037	2.51	23.9	10.2	0.79	686	0.71	2.13	8.2	2.8	560
M355524		3.33	17.75	0.11	1.3	0.070	2.20	28.1	12.0	0.88	898	1.36	1.91	8.5	3.0	780
M355525		5.13	16.45	0.14	1.4	0.959	2.90	23.9	23.1	0.71	2010	13.15	0.26	7.8	16.4	490
M355526		2.81	16.75	0.08	1.2	0.058	1.84	20.6	17.6	0.46	731	0.69	1.00	7.8	2.7	550
M355527		2.90	17.60	0.10	1.5	0.045	2.49	28.0	10.9	0.76	537	0.65	2.16	8.9	2.8	580
M355528		2.87	17.00	0.10	1.4	0.038	2.53	26.0	11.1	0.76	586	0.61	2.16	8.6	2.9	590
M355529		2.68	17.05	0.10	1.4	0.035	2.55	26.4	11.0	0.70	509	0.73	2.01	8.8	2.8	570
M355530		2.89	15.25	0.08	1.2	0.038	2.48	23.8	10.4	0.78	565	0.63	2.04	7.7	2.7	580
M355531		2.71	16.55	0.11	1.1	0.038	2.36	21.7	13.4	0.80	754	0.53	1.04	7.8	2.8	550
M355532		2.84	16.50	0.10	1.1	0.035	2.60	23.7	15.1	0.73	604	0.50	1.22	7.6	2.6	570



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**CERTIFICATE OF ANALYSIS WH12181683**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355497		14.3	100.0	<0.002	0.01	1.17	11.7	1	1.6	403	0.67	<0.05	14.9	0.259	0.97	4.6
M355498		14.9	99.8	<0.002	0.05	2.26	12.1	1	1.8	379	0.69	<0.05	13.0	0.259	1.05	3.7
M355499		14.2	98.8	<0.002	0.05	1.12	12.1	1	1.8	393	0.65	<0.05	13.9	0.256	0.99	3.7
M355500		70.4	97.3	<0.002	0.42	14.10	11.9	1	2.5	342	0.72	<0.05	12.3	0.260	1.27	4.0
M355501		31.4	103.5	<0.002	0.16	8.97	12.5	1	2.3	356	0.72	<0.05	12.9	0.269	1.18	4.0
M355502		27.8	103.0	<0.002	0.24	2.78	12.0	1	2.2	313	0.72	<0.05	13.3	0.253	1.14	3.9
M355503		30.2	100.5	<0.002	0.16	2.05	11.9	1	1.7	370	0.76	<0.05	12.8	0.256	1.12	4.3
M355504		27.3	86.6	<0.002	0.10	4.15	12.2	1	1.8	361	0.81	<0.05	10.9	0.270	1.07	4.2
M355505		14.8	100.5	<0.002	0.01	1.21	13.4	1	1.7	426	0.78	<0.05	13.6	0.280	1.00	3.9
M355506		14.7	96.3	<0.002	0.02	1.23	12.7	1	1.8	414	0.73	<0.05	13.6	0.276	0.99	4.3
M355507		14.3	92.2	<0.002	0.02	1.21	12.7	1	1.7	413	0.70	<0.05	12.5	0.270	0.95	4.1
M355508		16.8	91.1	<0.002	0.10	1.07	12.5	1	1.7	389	0.65	<0.05	12.3	0.264	1.05	3.4
M355509		27.1	90.9	<0.002	0.05	1.13	12.7	1	1.9	386	0.62	<0.05	12.8	0.276	1.06	3.4
M355510		23.0	91.5	<0.002	0.10	1.44	13.1	1	2.0	389	0.64	<0.05	13.7	0.258	1.05	3.9
M355511		16.6	90.8	<0.002	0.04	1.21	11.8	1	1.9	396	0.66	<0.05	12.3	0.266	1.03	3.4
M355512		185.0	107.5	<0.002	0.18	2.24	14.4	1	2.0	367	0.70	<0.05	14.3	0.261	1.07	4.5
M355513		22.4	95.7	<0.002	0.01	0.91	12.9	1	1.7	399	0.79	<0.05	13.5	0.273	0.94	3.9
M355514		2860	162.5	<0.002	4.70	96.6	8.6	2	8.4	90.7	0.50	0.36	9.6	0.173	2.42	4.8
M355515		14.9	82.6	<0.002	0.02	1.88	11.2	1	2.6	381	0.73	0.05	11.4	0.248	0.92	4.0
M355516		46.4	101.0	<0.002	0.11	1.87	11.6	1	2.0	351	0.71	0.06	13.6	0.248	1.08	4.9
M355517		428	146.0	<0.002	1.87	20.6	10.6	1	2.8	192.5	0.76	<0.05	14.2	0.234	1.88	6.2
M355518		5.4	6.9	<0.002	<0.01	0.14	0.5	1	0.2	46.6	<0.05	<0.05	<0.2	<0.005	0.04	0.5
M355519		16.3	98.2	<0.002	0.04	1.35	11.8	1	1.7	354	0.80	<0.05	13.2	0.260	1.07	4.6
M355520		58.5	106.5	<0.002	0.11	9.83	10.7	1	1.7	335	0.76	<0.05	13.5	0.236	1.07	5.0
M355521		1.4	3.7	<0.002	<0.01	0.10	1.0	1	<0.2	44.5	<0.05	<0.05	<0.2	0.014	0.02	0.7
M355522		16.6	107.0	<0.002	0.07	1.83	11.2	1	1.6	359	0.81	<0.05	14.2	0.244	1.00	4.8
M355523		18.5	84.5	<0.002	0.04	2.02	11.3	1	1.6	360	0.79	<0.05	12.8	0.256	0.93	4.1
M355524		24.9	103.0	<0.002	0.05	3.79	14.6	2	2.5	353	0.71	<0.05	11.7	0.308	1.15	4.6
M355525		1390	159.5	<0.002	3.06	35.7	9.3	2	6.3	149.5	0.65	0.29	11.2	0.204	2.64	4.9
M355526		12.5	74.9	<0.002	0.10	7.15	10.9	1	2.3	194.5	0.72	<0.05	10.6	0.245	1.25	5.6
M355527		16.1	99.9	<0.002	0.03	1.96	12.5	1	1.7	388	0.84	<0.05	14.9	0.262	1.08	4.7
M355528		15.7	99.1	<0.002	0.01	1.96	12.4	1	1.6	396	0.81	<0.05	13.5	0.265	1.00	4.7
M355529		14.4	103.5	<0.002	0.01	4.75	11.7	1	1.7	358	0.85	<0.05	13.9	0.253	1.03	4.3
M355530		13.5	91.3	<0.002	0.02	1.79	11.4	1	1.6	378	0.69	<0.05	11.9	0.263	0.94	3.9
M355531		14.9	88.7	<0.002	0.10	4.59	11.7	1	1.6	244	0.63	<0.05	10.3	0.247	1.19	5.0
M355532		15.8	89.8	<0.002	0.03	3.09	11.4	1	1.6	256	0.58	<0.05	11.8	0.252	1.06	3.3



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**CERTIFICATE OF ANALYSIS WH12181683**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355497		74	1.6	18.1	43	29.0	<1
M355498		75	1.1	18.2	48	26.3	<1
M355499		73	1.1	18.3	46	27.3	<1
M355500		75	1.6	18.0	240	27.0	5
M355501		75	1.3	18.5	117	28.6	3
M355502		72	1.8	17.8	57	27.5	<1
M355503		73	1.2	18.4	45	28.9	<1
M355504		81	1.8	18.2	60	28.2	2
M355505		79	1.2	20.1	50	27.8	<1
M355506		78	0.8	19.5	50	25.3	<1
M355507		74	1.2	18.7	49	25.5	<1
M355508		75	0.7	17.5	57	23.9	<1
M355509		77	1.9	18.5	64	25.9	<1
M355510		73	1.2	18.0	63	28.1	<1
M355511		74	0.7	17.3	53	26.4	<1
M355512		77	0.8	20.8	249	28.1	<1
M355513		77	0.6	19.4	53	31.7	<1
M355514		55	4.8	10.1	5450	24.8	24
M355515		68	1.0	17.3	42	30.2	<1
M355516		69	0.9	17.7	133	30.7	<1
M355517		64	3.7	16.7	2300	31.0	4
M355518		2	0.1	0.9	20	0.5	<1
M355519		74	2.6	18.0	48	31.3	<1
M355520		65	1.0	16.4	155	29.7	6
M355521		5	0.1	1.1	14	1.6	<1
M355522		69	1.2	18.7	45	32.2	<1
M355523		72	0.8	16.6	52	30.2	<1
M355524		102	3.9	20.0	69	31.5	<1
M355525		57	5.0	12.2	3000	38.5	9
M355526		69	2.0	15.4	52	28.2	<1
M355527		72	0.7	18.2	42	35.1	<1
M355528		76	0.6	18.0	44	31.7	<1
M355529		69	0.8	16.7	39	33.4	<1
M355530		75	0.6	16.6	40	26.4	<1
M355531		68	3.5	16.9	36	25.7	<1
M355532		71	1.1	16.6	41	28.1	<1



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**CERTIFICATE OF ANALYSIS WH12181683**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12182332**

Project: Klaza - 94

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12182332**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812214		3.36	<0.005	0.02	7.30	2.2	2040	1.38	0.04	2.57	0.06	34.7	7.4	9	18.65	3.4
N812215		1.64	<0.005	0.03	6.81	4.9	1980	1.35	0.03	2.84	0.08	30.6	7.2	10	17.20	2.9
N812216		2.43	<0.005	0.01	7.32	0.3	1860	1.51	0.04	2.76	0.05	38.9	7.1	9	13.00	2.2
N812217		0.23	2.25	25.7	5.85	3460	1400	1.31	17.85	2.16	80.7	43.5	10.4	19	15.20	431
N812218		2.20	<0.005	0.04	7.42	0.8	1910	1.55	0.04	2.69	0.08	38.5	6.8	12	10.30	2.5
N812219		1.98	<0.005	0.04	6.78	15.4	1670	1.48	0.03	3.06	0.14	31.5	6.8	9	14.60	2.6
N812220		1.80	<0.005	0.01	7.32	0.8	1720	1.19	0.03	2.30	0.07	34.7	6.7	9	16.95	3.1
N812221		3.46	<0.005	0.06	6.72	10.3	1590	1.31	0.04	2.69	0.30	36.3	7.9	9	17.20	5.9
N812222		3.78	<0.005	0.03	7.33	3.0	2000	1.40	0.04	3.04	0.07	38.4	8.2	9	14.55	5.2
N812223		2.39	<0.005	0.05	7.15	2.6	1770	1.22	0.04	2.58	0.09	36.8	8.7	11	17.10	5.4
N812224		0.95	<0.005	0.03	7.12	5.1	1900	1.23	0.05	2.51	0.06	43.4	8.0	9	15.55	7.2
N812225		4.94	<0.005	0.08	6.75	91.3	2000	1.44	0.23	2.88	0.12	40.8	7.7	9	17.70	2.5
N812226		2.32	0.044	0.90	5.34	568	940	1.14	0.34	4.20	1.97	41.9	7.9	6	15.40	5.8
N812227		4.46	<0.005	0.01	0.09	<5	30	0.07	0.02	2.16	0.06	1.26	1.3	1	0.21	9.6
N812228		3.31	<0.005	0.09	7.02	8.4	2210	1.43	0.17	3.10	0.12	42.1	8.2	9	18.60	4.0
N812229		5.55	<0.005	0.06	7.26	3.2	1890	1.43	0.06	2.82	0.06	45.7	8.0	12	15.25	5.2
N812230		1.95	0.017	0.43	6.69	55.0	1210	1.22	0.26	3.31	0.95	48.8	7.3	8	16.35	8.9
N812231		3.19	<0.005	0.06	7.05	3.6	1890	1.41	0.17	2.64	0.12	43.0	8.0	10	13.55	7.5
N812232		0.22	2.29	24.4	6.02	3520	1020	1.29	19.30	2.21	78.7	48.1	10.6	19	15.00	439
N812233		5.38	<0.005	0.07	6.67	5.0	1730	1.45	0.18	2.59	0.11	40.8	8.6	11	16.15	17.9
N812234		4.87	<0.005	0.03	6.78	3.5	2240	1.52	0.12	2.58	0.08	40.9	7.8	11	15.75	3.5
N812235		5.11	0.010	0.04	6.87	3.3	1830	1.40	0.08	2.88	0.08	44.2	8.2	14	13.40	4.1
N812236		2.17	<0.005	0.02	6.54	4.3	2090	1.53	0.07	2.74	0.11	40.4	8.5	9	16.40	3.5
N812237		<0.02	<0.005	0.03	6.74	4.4	2120	1.62	0.07	2.78	0.13	41.9	8.7	8	16.35	3.4
N812238		3.01	0.007	0.40	6.65	48.4	1070	1.59	0.15	3.03	1.83	46.8	8.7	10	18.00	6.3
N812239		4.63	<0.005	0.06	6.95	8.7	1560	1.53	0.06	2.58	0.15	43.8	7.9	10	18.15	4.6
N812240		4.22	<0.005	0.03	7.14	3.3	2090	1.50	0.06	2.83	0.10	42.4	8.6	10	13.10	5.8
N812241		2.67	<0.005	0.04	6.86	6.4	1570	1.30	0.06	2.45	0.13	43.8	7.7	13	21.6	5.9
N812242		5.45	<0.005	0.06	7.15	7.1	1950	1.47	0.07	2.68	0.09	42.7	8.3	11	20.7	6.2
N812243		5.47	<0.005	0.27	6.76	19.7	1560	1.36	0.07	3.58	0.35	52.9	8.6	9	20.2	6.8
N812244		4.47	<0.005	0.12	7.14	12.1	820	1.44	0.07	2.19	0.16	42.9	7.4	10	22.1	5.1
N812245		3.82	<0.005	0.32	6.78	47.9	1030	1.44	0.08	2.65	0.37	47.2	7.8	9	17.55	24.2
N812246		2.10	0.008	0.27	6.69	60.0	810	1.47	0.08	2.72	1.35	45.6	7.9	9	17.55	8.7
N812247		4.45	<0.005	0.01	0.07	<5	20	<0.05	0.02	20.6	0.07	1.27	1.5	1	0.19	2.7
N812248		3.76	<0.005	0.08	7.08	11.8	910	1.60	0.07	3.38	0.13	54.0	7.7	10	21.2	4.8
N812249		1.99	<0.005	0.13	6.16	18.1	1030	1.34	0.09	3.40	0.54	46.0	7.9	8	18.25	9.8



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**CERTIFICATE OF ANALYSIS WH12182332**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812214		2.79	17.75	0.13	1.7	0.034	2.57	17.5	26.8	0.71	593	1.31	1.56	8.9	2.3	590
N812215		2.76	16.95	0.14	2.0	0.032	2.63	15.2	33.7	0.69	675	0.67	1.43	9.1	2.5	580
N812216		2.58	18.05	0.16	1.8	0.031	2.52	19.5	15.7	0.70	566	1.14	2.28	9.1	2.4	550
N812217		6.52	14.85	0.17	0.9	1.895	2.58	24.6	24.5	0.87	1840	14.65	0.04	6.7	15.0	440
N812218		2.55	17.85	0.14	1.7	0.030	2.54	19.7	15.6	0.70	547	0.81	2.33	8.8	2.4	540
N812219		2.54	17.00	0.14	1.7	0.030	2.64	15.2	21.1	0.69	929	0.59	1.71	8.7	2.3	540
N812220		2.59	17.40	0.14	1.8	0.029	2.62	18.1	27.6	0.62	489	0.57	1.07	9.3	2.4	550
N812221		2.82	16.35	0.16	1.3	0.036	2.38	18.4	35.0	0.84	804	0.66	0.92	9.1	2.3	600
N812222		3.06	17.55	0.16	1.4	0.038	2.54	19.4	20.9	0.81	667	0.89	1.82	9.5	2.4	600
N812223		3.01	17.60	0.15	1.3	0.043	2.52	18.0	30.2	0.67	641	1.62	0.84	9.6	2.4	640
N812224		2.95	15.75	0.17	1.3	0.037	2.54	21.0	30.6	0.66	625	1.85	0.79	8.4	2.9	630
N812225		3.00	15.40	0.21	1.2	0.059	2.68	19.3	24.6	0.76	1180	2.13	1.12	7.6	2.6	580
N812226		3.27	12.10	0.18	0.8	0.054	2.38	22.7	21.6	1.19	4030	3.59	0.03	5.2	2.5	400
N812227		0.48	0.32	<0.05	<0.1	0.005	0.03	0.6	1.4	12.90	204	0.13	0.01	0.4	2.3	180
N812228		3.13	15.60	0.07	1.3	0.038	2.58	20.0	55.4	0.90	809	0.50	1.57	8.5	2.9	590
N812229		3.06	15.70	0.07	1.3	0.037	2.59	21.7	18.5	0.82	643	8.46	2.09	8.5	3.0	620
N812230		3.12	13.70	0.07	1.1	0.045	2.77	25.6	54.4	1.14	2170	25.0	0.23	7.1	2.8	540
N812231		3.04	15.00	0.08	1.3	0.035	2.88	20.7	36.0	0.86	721	0.42	1.62	8.7	3.1	610
N812232		6.70	14.15	0.22	0.9	1.770	2.64	26.0	22.0	0.89	1890	14.40	0.04	6.3	16.0	440
N812233		3.13	16.15	0.16	1.2	0.041	2.57	18.8	38.9	0.76	709	0.62	1.75	8.4	3.4	650
N812234		2.92	15.40	0.19	1.3	0.038	2.61	19.3	22.3	0.77	644	2.01	1.92	7.7	2.5	600
N812235		3.08	15.95	0.21	1.2	0.037	2.56	21.5	22.3	0.77	680	0.73	1.93	8.2	3.0	610
N812236		3.14	15.75	0.21	1.2	0.035	2.57	18.5	19.9	0.76	715	0.73	1.84	8.1	2.6	620
N812237		3.20	16.15	0.21	1.2	0.041	2.57	19.6	20.5	0.79	731	0.73	1.85	8.3	2.8	640
N812238		3.04	14.90	0.18	1.2	0.040	2.85	22.6	35.5	0.97	1720	0.76	0.28	7.7	2.6	580
N812239		2.97	16.10	0.21	1.3	0.036	2.55	20.2	61.8	0.73	927	2.57	1.09	8.0	2.7	610
N812240		3.16	16.85	0.20	1.3	0.040	2.54	19.6	26.6	0.84	715	1.73	1.92	8.3	2.8	660
N812241		2.94	16.30	0.23	1.3	0.038	2.64	21.0	49.3	0.68	802	1.31	0.34	8.0	2.8	600
N812242		3.10	16.90	0.19	1.2	0.040	2.63	20.5	30.4	0.68	685	0.73	1.44	8.2	2.8	650
N812243		3.04	14.45	0.18	1.1	0.039	2.44	28.4	69.1	1.12	1380	0.59	0.06	7.3	3.2	550
N812244		2.88	16.50	0.20	1.3	0.036	2.27	20.2	131.5	0.65	691	0.62	0.09	8.1	2.5	620
N812245		3.03	15.70	0.21	1.2	0.035	2.70	23.0	64.0	0.81	1380	0.75	0.09	7.5	2.5	590
N812246		2.64	14.70	0.17	1.2	0.034	2.52	23.1	69.2	0.82	2390	0.68	0.04	7.3	2.6	570
N812247		0.46	0.31	0.14	<0.1	0.005	0.03	0.6	1.1	12.25	205	0.11	0.01	0.2	<0.2	170
N812248		3.17	15.35	0.17	1.3	0.039	2.91	27.2	23.0	1.06	1180	2.39	0.39	7.9	2.3	610
N812249		2.85	13.95	0.18	1.2	0.031	2.50	22.8	37.2	1.02	1200	0.69	0.43	7.3	2.4	530



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Account: ROCKHA

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**CERTIFICATE OF ANALYSIS WH12182332**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812214		16.2	97.8	<0.002	0.01	4.30	9.8	1	1.6	358	0.77	<0.05	12.5	0.254	1.09	4.4
N812215		16.0	90.2	<0.002	0.02	8.21	8.5	1	1.5	342	0.83	<0.05	11.1	0.240	1.17	5.1
N812216		15.8	103.0	<0.002	0.01	1.45	9.4	1	1.5	443	0.86	<0.05	13.4	0.232	0.95	4.9
N812217		2710	159.5	<0.002	4.79	92.9	8.0	2	8.7	96.8	0.54	0.39	10.6	0.175	2.38	5.3
N812218		17.3	96.6	<0.002	0.01	1.18	8.8	1	1.4	441	0.81	<0.05	14.0	0.226	0.93	5.0
N812219		17.3	93.9	<0.002	0.03	7.71	8.4	1	1.5	383	0.79	<0.05	11.4	0.228	1.16	4.7
N812220		16.8	102.5	<0.002	0.01	8.18	8.8	1	1.5	314	0.87	<0.05	14.1	0.237	1.06	4.0
N812221		22.6	90.3	<0.002	0.04	15.75	10.4	1	1.7	326	0.79	<0.05	11.6	0.259	1.24	3.9
N812222		15.5	97.5	<0.002	0.01	3.02	10.7	1	1.7	431	0.80	<0.05	12.5	0.265	1.01	4.6
N812223		15.3	83.0	<0.002	0.01	8.20	10.8	1	1.8	270	0.78	<0.05	10.5	0.280	1.09	3.1
N812224		15.6	87.6	<0.002	0.02	7.54	12.1	1	1.8	266	0.73	<0.05	11.6	0.271	1.01	3.2
N812225		18.2	95.7	<0.002	0.06	8.72	11.2	1	1.4	274	0.68	<0.05	11.5	0.255	1.36	3.8
N812226		127.5	149.0	<0.002	0.86	27.1	9.0	1	1.2	130.0	0.44	<0.05	11.4	0.174	1.84	13.3
N812227		1.3	1.8	<0.002	0.02	<0.05	0.2	1	<0.2	52.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N812228		17.4	85.3	<0.002	0.05	4.89	11.1	1	1.6	340	0.75	<0.05	10.9	0.265	1.20	4.9
N812229		15.7	95.7	0.002	<0.01	2.02	11.7	2	1.6	381	0.71	<0.05	11.7	0.271	1.05	4.0
N812230		66.5	147.5	0.005	0.41	14.00	11.6	1	1.6	157.5	0.59	<0.05	12.0	0.246	1.72	6.9
N812231		14.8	113.0	<0.002	0.03	4.65	11.5	1	1.5	280	0.69	<0.05	11.5	0.270	1.35	4.1
N812232		2740	165.5	0.002	4.95	91.3	9.5	2	7.8	89.4	0.50	0.42	12.1	0.174	2.29	5.7
N812233		19.8	91.4	<0.002	0.02	4.76	12.6	1	1.5	312	0.73	<0.05	9.8	0.283	1.12	3.1
N812234		19.4	89.0	<0.002	0.02	2.08	11.4	1	1.3	358	0.69	<0.05	11.7	0.262	1.06	3.7
N812235		16.6	93.7	<0.002	0.01	2.73	11.6	1	1.4	342	0.66	<0.05	10.9	0.264	0.99	3.4
N812236		15.7	86.5	<0.002	0.01	4.71	11.7	1	1.5	363	0.65	<0.05	10.4	0.274	1.10	3.0
N812237		15.3	90.3	<0.002	0.02	4.50	12.4	1	1.5	369	0.65	<0.05	10.0	0.279	1.10	2.9
N812238		54.9	107.0	<0.002	0.28	11.65	12.3	1	1.6	164.0	0.67	<0.05	12.1	0.256	1.78	8.3
N812239		16.4	88.5	<0.002	0.05	6.37	11.8	1	1.5	321	0.71	<0.05	12.0	0.263	1.33	3.8
N812240		15.4	88.1	<0.002	0.01	2.69	12.2	1	1.5	397	0.70	<0.05	10.9	0.281	0.96	4.0
N812241		15.7	89.7	<0.002	0.03	10.95	12.0	1	1.4	207	0.69	<0.05	12.0	0.259	1.29	4.2
N812242		16.5	89.3	<0.002	0.02	5.68	12.3	1	1.5	347	0.68	<0.05	10.8	0.278	1.11	3.7
N812243		19.8	124.0	<0.002	0.17	16.40	12.4	1	1.4	213	0.61	<0.05	14.1	0.239	2.05	10.1
N812244		13.9	80.4	<0.002	0.09	14.05	12.6	1	1.5	198.5	0.71	<0.05	11.9	0.273	1.33	4.3
N812245		64.2	102.0	<0.002	0.42	16.85	12.2	1	1.6	154.5	0.65	<0.05	13.7	0.247	1.63	9.2
N812246		25.3	110.0	<0.002	0.39	15.15	11.8	1	1.6	163.5	0.62	<0.05	12.8	0.246	1.93	6.3
N812247		1.7	1.4	<0.002	0.02	0.06	0.2	1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N812248		10.4	123.5	<0.002	0.09	9.76	12.2	1	1.6	167.0	0.69	<0.05	14.3	0.262	1.89	5.1
N812249		14.4	103.0	<0.002	0.13	11.60	11.3	1	1.5	189.0	0.66	<0.05	12.2	0.236	1.74	5.4



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**CERTIFICATE OF ANALYSIS WH12182332**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N812214		71	0.9	13.7	50	51.5
N812215		67	1.5	12.7	50	61.7
N812216		64	0.4	15.1	45	54.1
N812217		55	5.7	9.9	5380	25.6
N812218		61	0.9	14.2	51	55.5
N812219		63	1.1	12.7	54	53.6
N812220		63	1.9	13.4	44	54.2
N812221		72	3.2	14.7	71	39.5
N812222		74	2.0	16.0	51	37.0
N812223		80	2.3	15.4	50	33.9
N812224		74	2.2	14.7	48	32.2
N812225		76	1.4	13.4	62	30.5
N812226		60	1.9	13.3	256	22.2
N812227		3	0.1	1.0	18	0.5
N812228		78	1.6	15.1	71	30.5
N812229		80	1.8	15.1	53	31.0
N812230		77	1.7	14.5	112	25.5
N812231		80	1.4	12.7	66	31.3
N812232		56	5.1	10.1	5350	25.9
N812233		81	2.1	12.2	66	31.1
N812234		74	1.4	11.6	55	29.3
N812235		75	1.6	12.2	55	31.4
N812236		83	1.4	11.9	61	28.5
N812237		85	1.9	12.5	64	29.1
N812238		75	1.9	13.4	211	29.2
N812239		76	1.6	13.6	61	31.0
N812240		85	1.3	14.9	54	34.1
N812241		75	1.6	14.6	56	32.5
N812242		82	1.2	13.9	52	28.7
N812243		72	3.7	16.3	78	28.9
N812244		77	4.0	13.0	67	31.8
N812245		72	2.3	13.6	75	31.3
N812246		70	3.3	13.9	157	29.9
N812247		1	0.1	0.8	14	<0.5
N812248		71	2.0	15.7	64	31.0
N812249		68	1.7	14.8	100	29.8



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Project: Klaza - 94

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**CERTIFICATE OF ANALYSIS WH12182332**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12182333**

Project: Klaza - 95

P.O. No.: Batch 4

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 23-AUG-2012  
Account: ROCKHA

Project: Klaza - 95

**CERTIFICATE OF ANALYSIS WH12182333**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811270		3.56	0.010	0.77	6.92	32.7	1360	1.59	0.30	3.27	1.91	45.2	5.5	9	17.60	14.2
N811272		3.90	<0.005	0.25	7.21	13.9	1920	1.59	0.17	2.20	0.19	37.2	5.9	10	14.45	9.9
N811273		2.44	<0.005	0.31	7.43	11.6	1820	1.70	0.35	2.29	0.21	47.7	6.3	10	15.65	20.9
N811274		7.14	<0.005	0.12	7.76	6.3	2280	1.95	0.10	2.50	0.14	48.0	6.8	10	8.38	5.3
N811275		4.61	<0.005	0.15	6.94	7.0	1780	1.69	0.13	3.26	0.08	35.0	5.6	10	5.31	4.0
N811276		3.45	<0.005	0.11	7.34	6.5	2010	1.80	0.11	2.57	0.07	39.7	5.8	10	5.98	2.8
N811277		4.35	0.006	0.31	7.35	20.1	1400	1.74	0.41	3.24	0.22	42.8	8.8	10	4.64	24.5
N811278		4.90	0.009	0.43	7.05	23.1	1450	1.61	0.52	3.12	0.25	38.9	8.5	9	3.38	62.1
N811279		7.46	0.039	0.19	7.46	6.8	2240	1.72	0.30	2.42	0.10	46.2	6.5	10	5.03	7.3
N811280		0.28	0.795	8.10	6.64	1790	1690	1.57	5.74	1.86	39.2	39.7	15.0	19	15.95	96.7
N811281		7.51	0.006	0.05	7.34	4.7	2280	1.43	0.14	2.46	0.09	46.1	7.3	12	4.57	6.4
N811282		7.31	<0.005	0.07	7.17	4.5	2190	1.31	0.14	2.39	0.09	42.5	7.8	16	4.73	10.0
N811283		5.44	<0.005	0.04	7.54	3.8	2200	1.32	0.09	2.35	0.08	48.1	7.6	10	6.41	10.1
N811284		1.57	0.005	0.26	7.25	7.3	2010	1.35	0.31	2.67	0.93	44.4	9.2	9	10.95	25.8
N811285		3.07	0.005	0.26	7.06	6.3	2000	1.22	0.23	2.67	1.38	43.1	7.8	11	10.80	23.2
N811286		3.04	0.019	0.86	7.36	22.7	1680	1.27	0.37	2.12	7.13	44.0	8.1	9	16.15	13.5
N811287		3.42	0.029	1.03	7.38	47.8	1670	1.47	0.19	4.60	5.05	31.0	24.9	296	36.3	35.2
N811288		3.66	0.010	0.24	7.08	12.2	1730	1.34	0.22	3.19	1.11	42.3	9.4	25	26.8	14.3
N811289		4.83	0.009	0.34	6.81	17.8	1930	1.32	0.53	2.94	0.15	40.7	7.7	9	11.40	41.0
N811290		6.50	0.006	0.15	7.26	6.3	2100	1.33	0.13	2.53	0.11	44.2	8.8	10	8.10	20.7
N811291		4.40	0.005	0.09	7.63	6.0	2350	1.44	0.10	2.60	0.16	44.2	7.5	12	10.35	8.1
N811292		<0.02	0.005	0.07	7.62	4.8	2350	1.38	0.11	2.59	0.11	45.1	7.4	12	10.25	7.7
N811293		3.62	0.008	0.38	7.31	11.6	2130	1.40	0.21	2.55	0.18	43.4	7.8	10	12.75	23.2
N811294		4.16	0.006	0.64	7.57	18.2	2180	1.44	0.15	2.85	2.37	49.2	7.0	11	7.64	17.9
N811295		2.37	<0.005	0.01	0.08	6	20	0.06	0.02	21.1	0.05	1.33	1.2	<1	0.25	1.7
N811296		4.75	<0.005	0.07	7.56	4.7	2300	1.83	0.12	2.62	0.10	48.9	7.0	10	9.39	4.9
N811297		2.46	0.020	0.77	7.28	18.0	2110	1.64	0.15	2.55	1.87	43.2	6.8	8	13.55	10.1
N811298		7.18	0.006	0.13	7.20	6.7	2180	1.47	0.12	2.61	0.20	46.0	7.4	9	10.40	5.8
N811299		2.17	0.007	0.27	6.60	14.6	1430	1.21	0.35	2.88	0.61	40.1	9.1	8	11.50	13.8
N811300		3.28	<0.005	0.07	7.67	4.7	2210	1.43	0.12	2.65	0.12	48.1	7.1	10	9.87	5.8
N811301		0.23	4.44	>100	5.58	8070	980	0.97	57.5	1.95	222	34.3	9.1	17	12.15	1240
N811302		4.42	0.013	0.20	7.60	6.0	2220	1.36	0.13	2.73	0.23	48.6	7.3	10	10.05	8.4
N811303		2.48	0.005	0.14	7.50	8.9	1850	1.22	0.11	2.20	0.15	42.9	7.0	10	13.40	8.8
N811304		2.83	0.019	0.66	6.24	36.4	1670	1.22	0.76	6.64	1.10	48.1	8.1	6	17.65	10.2
N811305		3.51	0.158	23.6	5.58	306	640	1.29	0.89	6.07	20.7	39.1	6.5	6	13.05	29.1
N811306		2.91	<0.005	0.02	0.07	<5	20	0.05	0.02	20.7	0.07	1.21	1.2	<1	0.23	2.0
N811271		Not Recvd														





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Project: Klaza - 95

**CERTIFICATE OF ANALYSIS WH12182333**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811270		3.75	13.75	0.12	1.0	0.083	2.53	24.1	52.9	1.15	2160	1.43	0.12	6.2	3.1	510
N811272		2.86	15.55	0.13	1.0	0.041	2.54	17.6	32.6	0.63	713	1.40	0.78	7.1	3.0	610
N811273		2.99	15.80	0.14	1.3	0.042	2.54	23.4	20.7	0.61	700	2.06	1.15	7.5	3.0	620
N811274		2.93	17.00	0.19	1.2	0.037	2.56	24.2	14.5	0.81	532	1.56	2.45	8.1	3.0	610
N811275		2.83	14.95	0.15	1.0	0.041	2.26	16.1	10.6	0.69	641	0.61	1.99	7.3	2.8	590
N811276		2.72	15.80	0.17	1.1	0.044	2.41	19.3	11.7	0.76	509	0.81	2.39	7.5	2.8	580
N811277		2.72	15.65	0.18	0.9	0.054	2.07	21.2	8.5	0.74	625	0.88	2.01	7.4	3.2	600
N811278		2.85	14.90	0.14	0.9	0.052	2.17	18.5	8.1	0.76	634	0.56	2.00	6.8	2.6	610
N811279		3.05	15.95	0.17	1.1	0.040	2.56	22.7	10.7	0.83	522	2.56	2.39	7.3	2.9	610
N811280		5.23	14.65	0.13	1.1	0.773	2.79	20.0	25.2	0.69	1950	12.50	0.26	6.9	14.7	480
N811281		3.12	17.60	0.14	1.1	0.056	2.50	23.0	10.7	0.87	552	1.24	2.50	8.5	2.7	610
N811282		2.91	17.35	0.14	1.1	0.050	2.54	21.2	10.6	0.82	567	1.29	2.43	8.4	2.5	600
N811283		2.84	17.60	0.16	1.1	0.040	2.65	24.9	12.5	0.88	498	2.26	2.42	8.2	2.6	580
N811284		2.86	17.45	0.15	1.1	0.068	2.54	21.9	11.2	0.75	737	1.95	2.19	8.3	2.4	580
N811285		2.91	16.80	0.15	1.1	0.056	2.51	20.9	11.1	0.75	815	0.98	2.11	8.4	2.5	570
N811286		4.05	16.70	0.15	1.1	0.084	2.78	23.0	16.3	0.89	2200	1.99	1.30	7.8	4.7	560
N811287		5.21	16.80	0.15	1.8	0.069	2.08	16.2	47.2	2.58	1980	1.95	0.61	6.3	85.9	570
N811288		3.11	16.75	0.14	1.1	0.072	2.36	21.7	18.3	1.04	1050	1.48	1.32	7.7	11.7	560
N811289		2.85	17.50	0.14	1.1	0.091	2.60	19.6	10.6	0.68	1100	2.70	1.84	8.2	2.7	610
N811290		2.86	17.90	0.14	1.1	0.066	2.56	21.5	10.9	0.79	639	1.33	2.33	8.7	2.6	600
N811291		3.01	18.15	0.15	1.2	0.052	2.71	21.6	11.8	0.84	605	2.01	2.31	8.8	2.9	610
N811292		3.02	18.15	0.16	1.2	0.051	2.72	21.9	11.9	0.85	603	1.49	2.31	9.0	2.9	630
N811293		2.94	17.95	0.15	1.3	0.067	2.86	21.1	12.3	0.70	832	1.08	1.92	8.3	2.6	610
N811294		2.99	18.55	0.16	1.2	0.062	2.73	24.3	10.4	0.87	787	0.95	2.16	9.0	2.7	600
N811295		0.46	0.29	0.11	<0.1	<0.005	0.03	0.6	1.6	12.90	200	0.08	0.01	0.3	<0.2	170
N811296		2.92	19.35	0.15	1.3	0.050	2.69	24.0	17.3	0.83	621	0.77	2.40	8.9	2.6	600
N811297		2.99	18.75	0.14	1.3	0.070	2.86	20.7	14.3	0.71	827	1.42	1.81	8.7	2.5	580
N811298		2.90	18.00	0.15	1.3	0.043	2.50	22.8	15.0	0.77	688	0.91	2.08	9.0	2.5	580
N811299		2.56	16.95	0.15	1.2	0.088	2.29	19.8	20.7	0.56	599	8.49	0.67	8.4	2.5	570
N811300		2.95	18.50	0.17	1.4	0.044	2.74	24.2	10.7	0.77	568	0.97	2.28	9.2	2.6	600
N811301		8.03	13.50	0.17	1.1	5.21	2.23	17.6	32.2	0.63	2950	15.30	0.09	5.8	13.3	440
N811302		2.92	17.75	0.15	1.2	0.042	2.74	24.8	12.6	0.80	553	0.79	2.41	8.7	2.5	610
N811303		2.65	18.25	0.15	1.2	0.045	2.69	21.1	39.2	0.65	549	0.87	1.34	9.0	2.7	620
N811304		3.22	14.25	0.13	1.0	0.037	2.28	26.7	23.0	1.13	1740	0.61	0.18	6.5	2.2	450
N811305		3.79	12.80	0.13	0.9	0.233	2.33	21.1	20.3	1.15	3270	1.87	0.03	5.4	1.9	390
N811306		0.46	0.27	0.09	<0.1	<0.005	0.03	0.6	1.5	12.75	217	0.12	<0.01	0.2	<0.2	160
N811271																



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Plus Appendix Pages  
Finalized Date: 23-AUG-2012  
Account: ROCKHA

Project: Klaza - 95

**CERTIFICATE OF ANALYSIS WH12182333**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811270		176.0	129.5	<0.002	0.47	14.45	9.7	1	1.6	86.4	0.49	<0.05	12.1	0.215	1.73	4.3
N811272		15.5	88.8	<0.002	0.12	8.45	10.0	1	1.7	167.5	0.49	<0.05	8.6	0.261	1.13	2.7
N811273		24.7	93.7	<0.002	0.15	8.15	10.2	2	1.6	210	0.68	<0.05	12.8	0.253	1.08	4.2
N811274		18.1	98.0	<0.002	0.04	1.52	11.2	2	1.6	396	0.67	<0.05	14.3	0.259	0.90	5.1
N811275		10.2	66.6	<0.002	0.12	1.99	10.1	1	2.0	278	0.53	<0.05	8.3	0.265	0.91	2.6
N811276		12.3	85.8	<0.002	0.05	1.73	10.3	2	1.7	335	0.62	<0.05	10.9	0.248	0.86	3.5
N811277		13.8	80.9	<0.002	0.53	2.74	10.8	1	2.3	208	0.53	0.09	11.3	0.258	1.02	3.7
N811278		14.3	75.5	<0.002	0.66	2.40	10.1	1	2.2	213	0.51	0.09	9.4	0.246	0.97	3.0
N811279		14.0	87.0	<0.002	0.14	1.11	10.9	1	1.8	354	0.58	<0.05	12.5	0.261	0.92	3.4
N811280		1295	142.0	<0.002	3.03	29.8	8.3	2	5.1	145.0	0.52	0.25	9.5	0.205	2.20	4.3
N811281		15.2	90.7	<0.002	0.03	1.20	10.2	1	2.0	376	0.72	<0.05	13.2	0.263	0.92	5.1
N811282		15.6	87.8	<0.002	0.05	1.40	9.8	1	2.4	360	0.70	<0.05	13.3	0.255	0.95	4.2
N811283		15.4	108.0	<0.002	<0.01	1.14	9.9	1	2.3	384	0.70	<0.05	14.5	0.250	0.97	4.6
N811284		52.9	97.9	<0.002	0.09	2.31	9.4	1	2.5	329	0.71	<0.05	13.2	0.248	1.10	4.8
N811285		68.6	98.7	<0.002	0.07	2.15	9.5	1	2.4	320	0.72	<0.05	12.7	0.251	1.08	4.3
N811286		366	128.0	<0.002	0.29	4.14	9.5	1	2.6	232	0.69	<0.05	13.6	0.240	1.85	4.8
N811287		260	105.0	<0.002	0.28	11.25	20.7	1	1.8	361	0.48	<0.05	5.6	0.347	1.75	3.5
N811288		53.3	101.5	<0.002	0.15	4.30	10.1	1	1.9	279	0.64	<0.05	13.1	0.242	1.37	4.9
N811289		22.2	102.5	<0.002	0.36	3.60	9.8	1	2.5	280	0.69	0.06	12.1	0.252	1.45	4.5
N811290		16.3	101.0	<0.002	0.13	1.83	10.0	1	2.1	354	0.72	<0.05	13.3	0.254	1.04	4.0
N811291		17.8	108.0	<0.002	0.02	1.87	10.6	1	1.9	397	0.76	<0.05	14.0	0.268	1.04	3.9
N811292		16.5	107.0	<0.002	0.02	1.88	10.4	1	1.9	397	0.77	<0.05	13.8	0.270	1.07	3.7
N811293		22.6	111.0	<0.002	0.20	3.03	9.8	1	1.9	313	0.73	<0.05	13.0	0.249	1.35	4.4
N811294		62.8	109.5	<0.002	0.22	2.33	10.6	2	1.9	362	0.79	<0.05	14.6	0.261	1.11	5.2
N811295		1.8	1.7	<0.002	0.01	<0.05	0.2	2	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N811296		17.9	106.0	<0.002	0.03	1.55	10.3	1	1.7	400	0.79	<0.05	15.5	0.258	1.04	5.4
N811297		297	119.0	<0.002	0.24	3.22	10.1	1	2.0	314	0.77	<0.05	13.5	0.255	1.35	4.9
N811298		18.2	99.1	<0.002	0.03	2.34	10.2	1	1.9	358	0.81	<0.05	13.9	0.252	1.02	4.6
N811299		37.7	92.7	<0.002	0.34	8.64	8.9	1	2.2	135.0	0.76	<0.05	12.1	0.238	1.36	4.7
N811300		19.2	114.0	<0.002	0.03	1.54	10.4	1	1.8	372	0.91	<0.05	15.4	0.256	1.07	6.5
N811301		9450	135.0	0.002	7.09	212	7.1	3	9.2	116.5	0.49	0.50	8.8	0.180	2.12	5.5
N811302		21.7	110.5	<0.002	0.03	1.34	10.2	1	1.8	378	0.76	<0.05	14.2	0.263	0.99	5.4
N811303		15.1	103.5	<0.002	0.05	9.80	9.9	1	2.1	263	0.74	<0.05	12.8	0.274	1.20	3.2
N811304		71.6	119.5	<0.002	0.77	10.80	8.6	2	1.8	187.0	0.58	0.05	14.4	0.186	1.70	6.8
N811305		7140	148.5	<0.002	1.94	37.0	7.4	2	3.8	146.5	0.46	<0.05	10.8	0.161	1.97	6.5
N811306		4.8	1.9	<0.002	0.01	0.05	0.4	2	<0.2	41.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N811271																



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 Plus Appendix Pages  
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 Account: ROCKHA

Project: Klaza - 95

**CERTIFICATE OF ANALYSIS WH12182333**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811270		65	1.7	15.6	233	23.9		
N811272		71	2.0	12.2	46	25.2		
N811273		72	1.4	15.6	51	30.5		
N811274		72	0.7	17.3	38	31.4		
N811275		73	1.3	11.2	44	24.1		
N811276		68	0.8	14.8	34	26.8		
N811277		72	1.3	10.2	53	23.5		
N811278		71	1.2	9.7	50	23.2		
N811279		74	1.1	15.5	35	25.1		
N811280		58	4.4	9.1	2970	38.6		
N811281		72	1.0	16.8	32	27.2		
N811282		71	0.9	15.9	31	26.3		
N811283		69	0.8	17.1	29	27.8		
N811284		68	0.9	15.2	99	27.6		
N811285		70	1.0	15.8	129	28.3		
N811286		66	2.3	14.3	638	27.2		
N811287		151	5.6	15.8	499	59.9		
N811288		71	1.6	14.3	123	27.7		
N811289		73	1.4	13.8	53	26.5		
N811290		70	0.9	16.3	38	27.9		
N811291		74	1.0	17.4	40	29.0		
N811292		76	1.0	17.7	37	30.0		
N811293		70	1.5	14.8	48	31.9		
N811294		73	1.0	17.5	219	30.4		
N811295		3	0.1	0.8	13	<0.5		
N811296		71	0.9	17.4	37	32.6		
N811297		71	2.1	14.9	196	31.6		
N811298		70	1.0	17.0	44	32.1		
N811299		67	3.7	11.8	87	29.0		
N811300		71	1.0	17.7	38	32.3		
N811301		53	4.8	9.7	>10000	30.2	117	1.590
N811302		72	1.0	17.2	49	29.7		
N811303		74	2.2	14.7	44	30.7		
N811304		54	2.5	17.2	150	23.7		
N811305		49	2.5	13.2	1740	22.4		
N811306		3	0.1	0.8	13	<0.5		
N811271								



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**CERTIFICATE OF ANALYSIS WH12182333**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12182334**

Project: Klaza-95

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-95

**CERTIFICATE OF ANALYSIS WH12182334**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811307		2.97	0.005	0.28	7.19	16.8	1430	1.54	0.28	1.54	0.43	49.8	9.1	9	19.70	12.4
N811308		7.09	0.005	0.12	7.43	6.4	2220	1.69	0.18	2.40	0.18	45.1	7.9	10	12.05	8.5
N811309		4.14	0.011	0.36	7.03	35.7	1870	1.46	0.54	2.49	1.06	43.8	8.5	8	14.55	8.3
N811310		6.64	0.005	0.07	7.46	5.2	2210	1.40	0.13	2.62	0.21	45.4	7.7	12	7.65	6.0
N811311		4.99	0.008	0.12	6.82	10.8	1880	1.31	0.14	2.60	0.34	33.7	7.3	8	15.65	9.8
N811312		4.69	0.006	0.12	6.70	10.8	1760	1.22	0.14	2.88	0.28	36.8	5.6	8	13.75	4.1
N811313		3.16	0.008	0.44	6.66	15.4	1650	1.23	0.41	3.43	2.39	38.4	9.1	8	9.18	5.9
N811314		3.01	0.005	0.21	6.66	12.0	1650	1.30	0.15	3.08	0.86	34.3	7.9	8	10.15	3.3
N811315		7.09	0.005	0.15	6.74	12.7	1720	1.23	0.15	2.90	0.20	36.7	5.7	8	15.65	2.7
N811316		2.65	0.008	0.71	7.05	35.6	1430	1.28	0.47	3.00	1.42	40.1	4.6	8	14.05	51.3
N811317		<0.02	0.008	0.77	7.22	35.1	1550	1.67	0.44	3.09	1.08	36.8	4.2	12	13.65	45.8
N811318		4.21	0.099	4.02	8.12	129.5	590	1.76	5.10	4.28	1.47	71.0	27.8	7	8.32	239
N811319		4.68	<0.005	0.28	7.26	16.0	1770	1.69	0.35	2.83	0.18	39.0	6.7	9	10.50	16.1
N811320		5.15	<0.005	0.14	7.40	9.6	1980	1.74	0.30	2.76	0.07	40.3	5.4	10	10.80	6.0
N811321		2.39	0.014	0.76	7.07	43.2	2270	1.51	0.84	3.66	3.25	48.3	7.4	8	12.45	29.1
N811322		3.88	0.005	0.19	7.72	13.6	1640	1.66	0.29	2.96	0.14	43.5	7.5	10	16.70	20.3
N811323		2.64	0.009	0.73	7.12	34.0	2050	1.63	0.25	5.77	8.39	27.2	18.0	223	26.1	30.6
N811324		4.83	<0.005	0.20	7.27	32.4	1240	1.33	0.19	4.32	1.01	33.6	15.6	147	16.80	3.3
N811325		1.90	<0.005	0.23	7.48	32.0	1070	1.35	0.19	4.80	1.40	35.6	16.6	156	18.10	4.7
N811326		7.45	0.029	0.21	7.76	44.7	1500	1.92	0.17	3.84	0.97	60.0	8.1	40	25.6	4.3
N811327		7.73	<0.005	0.18	7.85	20.5	1560	2.11	0.18	3.50	0.44	67.5	6.3	25	29.6	8.3
N811328		0.28	2.37	26.0	6.14	3560	1410	1.49	21.1	2.23	81.9	45.2	12.0	19	15.05	438
N811329		2.73	0.011	0.54	7.91	29.7	1750	1.66	0.16	4.76	0.18	30.6	17.4	220	34.0	29.8
N811330		2.55	0.033	1.64	7.53	37.8	1810	1.78	2.47	5.08	0.17	29.6	18.4	231	32.4	63.0
N811331		2.01	0.024	2.06	7.55	33.3	1460	1.70	2.31	3.23	11.65	48.3	9.3	29	25.4	49.9
N811332		3.93	<0.005	0.06	0.10	<5	20	0.05	0.03	21.3	0.07	1.14	0.5	1	0.29	1.7
N811333		2.99	0.043	0.76	6.96	28.8	1160	1.56	0.95	2.79	1.37	40.9	5.7	7	12.10	28.5
N811334		3.68	0.311	7.76	7.14	490	900	1.37	1.90	2.62	49.2	47.4	9.2	10	15.70	44.0
N811335		4.17	0.013	0.41	7.86	18.8	1560	1.43	0.36	2.52	1.08	48.6	5.6	9	17.15	29.4
N811336		0.28	3.31	>100	5.41	8200	320	1.13	64.4	1.93	221	30.0	9.3	17	10.80	1255
N811337		2.77	0.007	0.54	7.47	21.8	2530	1.69	0.83	3.37	1.61	41.6	4.5	8	13.05	6.7
N811338		3.53	0.196	12.15	6.65	1010	430	1.51	6.25	1.91	74.2	35.0	8.1	7	5.86	140.5
N811339		5.59	0.009	2.50	7.43	59.5	2160	1.54	2.72	3.23	12.00	51.0	5.4	8	9.21	103.5
N811340		4.00	<0.005	0.03	0.08	<5	20	0.07	0.11	21.5	0.17	1.13	0.5	1	0.12	2.1
N811341		2.37	0.189	20.0	6.16	195.0	390	1.31	9.47	2.56	24.2	32.9	69.0	7	6.13	28.2
N811342		2.58	0.008	0.68	7.38	28.6	2100	1.59	0.55	3.02	2.36	46.9	9.6	8	7.74	3.4



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Account: ROCKHA

Project: Klaza-95

**CERTIFICATE OF ANALYSIS WH12182334**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811307		2.77	18.75	0.14	1.2	0.053	2.36	24.8	52.4	0.58	951	1.45	0.15	8.9	5.2	630
N811308		3.02	19.40	0.15	1.3	0.046	2.69	21.8	20.2	0.78	632	2.06	2.18	9.1	2.8	620
N811309		3.10	18.15	0.16	1.2	0.082	2.61	21.0	19.6	0.73	854	1.80	1.64	8.7	2.7	570
N811310		3.07	18.50	0.17	1.2	0.049	2.61	22.3	14.1	0.91	605	2.14	2.41	8.8	3.1	620
N811311		2.71	17.75	0.15	1.2	0.054	2.41	15.6	13.2	0.69	620	4.73	2.01	8.7	2.6	580
N811312		2.58	17.10	0.16	1.1	0.067	2.46	17.7	14.3	0.72	776	1.43	1.66	8.2	2.5	550
N811313		2.57	15.50	0.16	1.1	0.096	2.11	19.4	13.7	0.71	737	1.02	1.66	7.5	2.3	500
N811314		2.50	17.05	0.14	1.2	0.063	2.32	16.1	8.6	0.60	657	1.82	1.65	8.2	2.3	540
N811315		2.70	17.30	0.15	1.1	0.053	2.31	17.9	16.1	0.63	520	1.28	1.35	8.2	2.4	550
N811316		2.84	17.95	0.16	1.2	0.116	1.96	20.1	17.9	0.60	846	1.49	1.64	8.3	2.3	570
N811317		2.90	15.50	0.14	1.1	0.112	1.99	18.4	20.5	0.59	884	1.75	1.68	7.5	2.4	600
N811318		4.79	21.2	0.16	1.3	0.441	2.46	37.2	45.1	0.72	1400	0.38	1.76	7.2	12.5	690
N811319		2.76	15.30	0.14	1.3	0.078	2.12	19.8	17.5	0.65	680	1.26	2.10	7.5	3.0	610
N811320		2.87	15.20	0.14	1.4	0.048	2.41	21.0	14.0	0.75	671	1.40	2.06	7.9	2.8	620
N811321		2.83	15.20	0.13	1.4	0.091	2.41	25.1	24.5	0.77	947	3.16	0.32	7.6	3.9	650
N811322		3.08	15.45	0.15	1.4	0.042	2.50	22.6	24.1	0.92	689	1.25	1.40	7.7	6.2	620
N811323		3.92	14.35	0.13	1.9	0.047	2.61	15.3	15.1	2.14	1620	1.92	0.06	5.6	58.2	570
N811324		3.28	14.70	0.15	1.8	0.036	2.34	18.1	25.5	1.68	1030	0.41	0.38	6.1	49.0	630
N811325		3.51	15.20	0.16	1.9	0.032	2.38	18.8	27.3	1.85	1110	0.53	0.46	6.4	51.4	650
N811326		2.62	16.95	0.17	2.4	0.035	2.72	32.8	21.9	1.22	914	1.28	0.58	9.9	14.3	840
N811327		2.60	17.40	0.16	2.5	0.019	2.61	37.8	22.3	1.17	658	1.02	0.63	10.9	9.1	890
N811328		6.86	14.70	0.14	1.0	1.870	2.59	25.0	26.6	0.91	1900	13.40	0.04	6.0	16.7	460
N811329		3.72	15.75	0.17	2.0	0.030	2.42	17.1	38.5	1.86	904	1.60	0.06	6.5	58.9	660
N811330		3.80	14.30	0.12	2.1	0.052	2.25	16.3	50.5	1.88	1180	1.64	0.06	6.1	63.4	620
N811331		3.44	15.00	0.15	1.2	0.167	2.48	28.1	37.6	1.23	1280	1.96	0.16	6.9	14.4	580
N811332		0.47	0.25	0.13	<0.1	<0.005	0.03	0.6	1.2	12.60	212	0.15	<0.01	0.1	1.5	180
N811333		3.19	13.50	0.15	1.1	0.293	2.74	20.4	17.6	0.92	1380	2.32	0.32	6.5	3.6	570
N811334		3.64	14.30	0.15	1.0	0.290	2.72	26.2	26.1	1.02	1520	3.73	0.04	6.4	4.6	560
N811335		2.91	16.70	0.16	1.2	0.069	2.65	25.6	79.4	0.65	528	3.37	0.25	8.0	3.0	620
N811336		8.10	12.40	0.15	1.0	4.63	2.20	15.6	32.1	0.62	3070	13.95	0.08	5.1	13.6	460
N811337		2.54	13.90	0.15	1.1	0.109	3.09	22.6	11.5	1.24	1470	1.08	0.11	7.1	3.3	550
N811338		5.52	13.85	0.12	1.1	0.789	2.87	18.0	10.6	0.89	2660	1.09	0.07	6.0	3.2	520
N811339		2.89	14.50	0.13	1.2	0.295	3.31	27.2	11.3	1.06	2060	0.60	0.03	7.0	2.1	560
N811340		0.47	0.21	0.13	<0.1	<0.005	0.03	0.6	1.0	12.60	198	0.16	<0.01	0.1	1.3	210
N811341		5.95	11.15	0.14	0.9	0.323	2.71	16.5	15.7	1.04	2760	4.11	0.04	5.4	4.9	500
N811342		2.25	14.70	0.18	1.1	0.075	3.49	23.2	8.5	1.01	2060	2.22	0.04	7.2	2.5	580



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**CERTIFICATE OF ANALYSIS WH12182334**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N811307		46.7	103.0	<0.002	0.17	21.2	10.8	1	1.8	88.7	0.74	<0.05	16.2	0.259	4.9
N811308		21.4	108.5	<0.002	0.05	2.88	11.0	1	1.9	352	0.80	<0.05	14.9	0.267	5.6
N811309		64.2	107.5	<0.002	0.47	3.72	9.8	1	2.3	276	0.79	0.07	12.7	0.251	5.3
N811310		18.9	97.5	<0.002	0.01	1.15	11.4	1	1.8	387	0.73	<0.05	13.6	0.271	5.1
N811311		21.5	91.7	<0.002	0.10	2.46	9.8	1	1.7	311	0.75	<0.05	10.8	0.254	4.1
N811312		16.5	89.4	<0.002	0.16	2.60	8.9	1	1.8	271	0.68	<0.05	11.5	0.247	4.3
N811313		45.8	86.5	<0.002	0.31	2.97	8.5	1	1.9	239	0.63	<0.05	12.0	0.226	3.9
N811314		32.0	90.1	<0.002	0.20	3.37	8.8	1	1.9	259	0.72	<0.05	10.7	0.245	4.0
N811315		16.2	82.6	<0.002	0.11	4.14	8.5	1	1.7	254	0.69	<0.05	11.3	0.244	5.7
N811316		69.5	82.3	<0.002	0.31	9.05	9.6	1	2.8	225	0.73	<0.05	13.6	0.242	4.7
N811317		63.8	73.8	<0.002	0.29	8.82	9.2	2	2.5	236	0.62	0.05	10.4	0.244	3.7
N811318		73.9	84.9	0.003	2.77	21.8	10.1	3	3.7	164.0	0.62	1.73	11.3	0.238	4.6
N811319		17.4	72.6	0.002	0.24	3.27	9.6	1	1.8	315	0.66	0.08	10.6	0.246	4.5
N811320		16.2	88.7	0.004	0.09	2.98	10.3	2	1.8	359	0.70	<0.05	12.0	0.256	4.7
N811321		44.4	94.7	0.004	0.89	11.25	9.9	1	2.7	171.5	0.65	<0.05	11.7	0.243	3.5
N811322		17.2	103.5	0.002	0.18	6.09	10.2	1	1.8	297	0.70	<0.05	12.7	0.249	4.8
N811323		278	124.5	0.003	0.29	9.91	18.0	2	0.9	264	0.41	<0.05	5.2	0.302	3.5
N811324		67.9	120.0	0.003	0.17	8.74	13.7	2	0.9	287	0.49	<0.05	7.5	0.259	3.7
N811325		67.8	123.5	<0.002	0.18	9.18	14.7	1	1.0	321	0.51	0.06	7.7	0.269	4.0
N811326		60.0	114.5	0.002	0.12	6.13	8.0	2	1.3	373	0.68	0.05	10.1	0.250	4.6
N811327		50.3	107.5	0.003	0.03	5.51	6.9	2	1.4	441	0.74	<0.05	10.7	0.256	4.8
N811328		2820	165.0	0.003	4.92	93.6	8.5	2	8.2	100.5	0.45	0.37	10.6	0.177	5.2
N811329		12.7	111.5	0.003	0.12	9.67	17.8	1	0.8	319	0.53	<0.05	6.6	0.326	3.0
N811330		14.9	114.0	0.003	0.19	10.80	18.5	2	0.9	343	0.45	<0.05	6.0	0.323	3.0
N811331		729	138.0	0.002	0.58	8.07	10.9	1	3.3	159.5	0.58	<0.05	12.6	0.239	3.0
N811332		2.1	1.7	<0.002	<0.01	0.13	0.2	1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	0.8
N811333		64.4	120.5	0.002	0.71	7.22	8.6	2	1.8	116.0	0.58	0.05	10.9	0.216	4.6
N811334		2730	152.0	0.002	1.70	9.39	9.4	2	2.4	88.0	0.58	0.13	12.7	0.223	6.6
N811335		40.4	114.0	0.003	0.16	7.21	10.8	2	1.8	192.5	0.68	0.07	13.9	0.255	3.9
N811336		9470	128.5	0.004	7.10	214	7.1	2	8.2	120.0	0.40	0.46	8.1	0.176	5.0
N811337		112.5	181.5	0.002	0.36	11.05	9.9	2	1.6	104.0	0.64	0.05	13.7	0.227	5.0
N811338		3830	175.0	0.003	3.20	25.0	9.2	2	3.0	50.7	0.53	0.44	11.2	0.207	4.2
N811339		524	193.0	0.003	0.67	8.66	10.3	1	2.4	89.8	0.60	0.15	14.8	0.229	5.7
N811340		8.0	1.4	0.002	0.02	0.17	0.1	1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	0.5
N811341		1680	159.5	<0.002	3.92	5.05	8.9	2	2.1	63.7	0.45	6.82	10.4	0.182	6.1
N811342		145.5	147.5	0.002	0.61	5.05	9.4	1	1.8	68.2	0.62	0.14	11.8	0.242	5.1





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**CERTIFICATE OF ANALYSIS WH12182334**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811307		69	3.7	15.6	71	30.9		
N811308		75	1.1	16.9	46	31.6		
N811309		71	1.7	14.9	109	28.4		
N811310		77	1.0	17.5	43	29.3		
N811311		71	1.0	14.3	51	29.5		
N811312		68	1.2	12.9	54	27.9		
N811313		64	1.3	10.7	194	25.3		
N811314		67	1.2	10.5	88	27.4		
N811315		68	1.3	13.0	53	27.8		
N811316		69	1.8	12.8	167	28.7		
N811317		71	1.6	10.8	142	26.0		
N811318		90	2.7	10.5	177	26.9		
N811319		68	1.1	11.7	50	28.2		
N811320		74	1.1	14.0	42	29.9		
N811321		70	2.4	13.9	295	31.2		
N811322		71	1.1	14.9	51	30.7		
N811323		129	2.6	13.3	659	55.0		
N811324		104	1.8	11.3	139	53.0		
N811325		108	1.9	12.3	158	55.4		
N811326		64	1.7	12.5	131	74.2		
N811327		56	1.3	12.7	93	82.4		
N811328		58	5.0	9.8	5220	25.3		
N811329		132	2.7	13.1	80	60.1		
N811330		137	3.8	13.5	89	60.9		
N811331		72	2.5	13.2	743	26.1		
N811332		3	0.1	0.8	17	<0.5		
N811333		59	2.0	12.1	172	23.3		
N811334		66	3.3	12.0	3150	22.5		
N811335		72	1.5	14.0	108	27.6		
N811336		53	4.1	8.2	>10000	28.2	125	1.645
N811337		64	1.6	14.5	162	24.6		
N811338		66	2.6	7.0	4880	20.9		
N811339		66	2.0	11.3	944	25.5		
N811340		2	0.1	0.8	21	<0.5		
N811341		67	2.0	9.5	1700	19.4		
N811342		67	1.8	10.0	234	24.6		



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**CERTIFICATE OF ANALYSIS WH12182334**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12182335**

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P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12182335**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N813922		8.59	<0.005	0.15	7.83	4.7	2080	1.38	0.27	3.08	0.14	43.4	9.3	15	7.85	12.0
N813923		8.18	<0.005	0.10	7.36	3.3	2080	1.43	0.16	3.02	0.11	42.5	8.5	13	8.90	8.6
N813924		7.86	<0.005	0.17	7.52	4.4	2060	1.46	0.13	2.90	0.11	42.4	8.3	15	9.69	23.3
N813925		5.56	<0.005	0.13	7.73	13.7	1650	1.32	0.17	2.07	0.11	38.8	8.6	11	13.90	12.9
N813926		2.90	<0.005	0.11	7.08	6.5	1670	1.57	0.22	3.71	0.09	38.1	8.3	10	19.65	10.4
N813927		7.59	<0.005	0.11	7.38	5.3	2020	1.35	0.21	2.45	0.09	38.8	8.7	10	13.65	9.6
N813928		<0.02	<0.005	0.10	7.48	5.6	2060	1.26	0.11	2.49	0.09	39.3	8.8	10	13.65	10.4
N813929		5.95	<0.005	0.09	7.47	8.2	1840	1.37	0.16	2.76	0.08	42.1	8.3	11	13.20	8.9
N813930		2.62	0.006	0.26	7.07	13.2	1900	1.48	0.92	4.20	0.07	35.3	10.7	9	18.25	4.2
N813931		7.30	<0.005	0.72	7.53	3.7	2040	1.42	1.93	2.83	0.41	47.0	8.6	12	8.77	14.8
N813932		0.28	0.759	9.18	6.63	1665	1500	1.41	6.45	1.86	38.8	42.4	16.1	20	16.25	102.5
N813933		8.84	0.005	0.35	7.68	5.9	2100	1.45	0.58	2.87	1.14	44.3	9.1	12	7.88	19.3
N813934		6.57	<0.005	0.14	7.56	2.7	2070	1.43	0.16	3.17	0.13	42.8	8.9	13	8.12	11.4
N813935		3.74	<0.005	0.12	7.53	2.5	1950	1.52	0.14	3.02	0.11	39.6	8.8	11	8.77	11.5
N813936		1.48	<0.005	0.11	7.46	2.2	1920	1.44	0.14	2.95	0.10	41.7	8.5	11	8.65	12.6
N813937		2.53	<0.005	0.26	7.01	23.0	1540	1.25	0.42	2.70	0.23	38.1	8.2	9	14.30	41.3
N813938		3.44	<0.005	0.18	6.37	5.9	1430	1.16	1.73	2.07	0.13	22.6	5.3	9	11.90	17.4
N813939		2.91	<0.005	0.08	6.22	7.2	1910	1.47	0.15	3.34	0.13	39.1	8.1	8	18.90	20.3
N813940		5.02	<0.005	0.17	7.31	2.9	1870	1.47	0.20	2.68	0.10	43.8	8.3	10	8.80	18.9
N813941		8.80	<0.005	0.20	7.54	2.9	1970	1.52	0.28	2.85	0.33	43.0	8.8	12	6.92	24.1
N813942		6.16	<0.005	0.10	7.48	2.4	1910	1.43	0.12	2.76	0.09	44.9	8.4	12	5.96	11.9
N813943		0.29	0.807	9.14	6.65	1645	1580	1.37	5.94	1.87	38.9	42.7	16.5	20	16.20	103.5
N813944		6.83	0.005	0.50	7.39	10.0	1840	1.50	1.08	2.85	0.55	41.8	8.9	11	10.75	29.4
N813945		5.95	<0.005	0.72	7.45	11.9	1530	1.32	1.26	1.95	0.97	41.9	8.3	9	15.15	24.8
N813946		2.73	<0.005	0.11	7.03	10.9	1910	1.44	0.13	2.90	0.13	37.7	8.5	11	14.45	12.1
N813947		2.47	<0.005	0.45	7.66	17.8	3850	1.22	0.84	2.33	2.05	42.3	9.9	8	17.60	15.0
N813948		5.18	<0.005	0.09	7.59	7.3	1840	1.18	0.09	1.72	0.16	39.1	8.3	8	12.40	8.8
N813949		3.91	0.012	0.44	6.99	248	540	1.46	0.10	3.16	0.29	43.6	7.6	8	17.90	10.5
N813950		4.27	<0.005	0.03	0.18	<5	30	0.10	0.01	20.7	0.06	1.70	1.1	2	0.22	1.8
N813951		2.92	<0.005	0.16	6.93	32.5	860	1.40	0.08	2.67	0.21	41.3	7.4	9	20.7	9.3
N813952		3.19	<0.005	0.01	0.25	<5	30	0.12	0.01	20.4	0.06	4.20	0.8	1	0.95	1.7
N813953		7.72	<0.005	0.06	7.17	4.5	2010	1.47	0.07	3.00	0.09	40.5	8.2	10	13.55	8.4
N813954		4.49	<0.005	0.07	7.48	15.6	1690	1.23	0.05	3.01	0.12	39.3	8.3	11	16.90	10.8
N813955		7.51	<0.005	0.26	7.45	71.8	2080	1.33	0.12	2.65	0.33	41.3	8.6	9	16.45	12.9
N813956		4.71	<0.005	0.13	7.90	8.2	2030	1.46	0.18	1.92	0.15	47.7	8.5	12	13.35	12.8
N813957		2.59	0.299	3.35	4.02	1925	440	0.96	0.21	5.54	12.25	29.8	9.7	7	10.60	23.0



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**CERTIFICATE OF ANALYSIS WH12182335**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813922		3.36	18.00	0.15	1.2	0.050	2.38	21.6	12.7	0.96	770	1.61	2.15	8.5	4.2	680
N813923		3.11	16.95	0.17	1.1	0.041	2.31	20.9	15.4	0.92	712	1.85	2.01	8.1	4.1	640
N813924		3.12	17.15	0.18	1.2	0.044	2.35	20.7	15.0	0.88	705	1.59	2.12	8.3	4.1	640
N813925		3.10	18.45	0.16	1.2	0.049	2.34	19.0	39.3	0.65	782	2.11	0.34	9.0	3.6	700
N813926		3.23	16.60	0.19	1.3	0.048	2.31	18.6	15.8	0.83	908	3.43	1.34	8.3	4.2	620
N813927		3.23	17.30	0.16	1.3	0.040	2.18	19.0	34.6	0.66	778	1.45	0.49	8.7	4.1	690
N813928		3.28	17.70	0.16	1.2	0.043	2.21	19.0	34.6	0.66	782	1.32	0.50	8.6	4.0	710
N813929		3.09	17.05	0.19	1.2	0.039	2.33	21.2	17.1	0.79	728	1.96	1.63	8.2	4.0	640
N813930		3.19	17.05	0.18	1.2	0.081	2.56	17.5	21.4	0.94	1560	0.56	0.77	8.3	4.6	650
N813931		3.18	17.10	0.18	1.1	0.058	2.44	23.8	13.6	0.91	705	2.11	2.15	8.0	3.8	640
N813932		5.20	15.60	0.16	1.3	0.921	2.71	22.3	22.4	0.68	1940	12.45	0.25	7.8	16.0	490
N813933		3.30	17.70	0.20	1.1	0.096	2.43	21.9	16.5	0.99	737	3.57	2.17	8.5	4.2	670
N813934		3.30	17.70	0.20	1.2	0.044	2.39	20.3	14.2	0.98	772	14.15	2.19	8.5	4.5	680
N813935		3.22	17.45	0.18	1.2	0.042	2.40	18.9	14.1	0.86	677	0.65	2.16	8.3	4.2	660
N813936		3.10	16.95	0.19	1.1	0.041	2.36	20.3	13.4	0.84	651	1.04	2.12	8.0	4.0	620
N813937		3.10	15.75	0.15	1.0	0.053	2.33	19.0	48.4	0.83	1340	17.00	0.13	7.7	4.0	630
N813938		2.07	15.90	0.12	1.1	0.041	2.20	10.3	35.0	0.22	515	24.7	0.09	8.2	2.9	620
N813939		2.99	15.35	0.17	1.0	0.038	2.26	19.1	14.7	0.75	862	114.5	0.87	7.5	3.8	570
N813940		3.05	17.15	0.21	1.3	0.041	2.39	20.9	14.6	0.77	608	27.4	1.86	8.7	4.0	630
N813941		3.14	17.20	0.20	1.4	0.051	2.43	21.6	15.0	0.92	694	7.30	2.18	8.6	4.1	620
N813942		3.11	17.00	0.21	1.4	0.037	2.37	22.2	12.2	0.91	697	1.09	2.19	8.5	4.1	620
N813943		5.25	15.50	0.16	1.3	0.931	2.75	22.2	23.0	0.68	1960	12.60	0.25	7.6	16.2	490
N813944		3.23	17.05	0.20	1.4	0.073	2.44	20.3	11.5	0.81	730	10.00	1.81	8.5	4.1	610
N813945		3.63	16.30	0.11	1.4	0.110	2.67	19.8	28.8	0.67	1800	2.41	0.14	7.4	3.0	640
N813946		3.55	15.90	0.11	1.3	0.048	2.63	17.0	18.8	0.96	1120	1.43	1.27	7.6	2.8	620
N813947		3.56	16.10	0.11	1.3	0.098	2.35	20.9	76.1	0.84	1280	1.60	0.23	7.8	2.9	640
N813948		3.07	16.65	0.11	1.5	0.038	2.15	18.0	60.6	0.56	820	1.08	0.07	8.0	2.8	650
N813949		3.61	14.00	0.13	1.1	0.114	2.39	22.6	126.5	1.17	2300	1.00	0.04	6.2	2.5	560
N813950		0.47	0.37	0.16	<0.1	0.007	0.05	0.8	2.0	12.70	199	0.17	0.01	0.2	2.0	200
N813951		3.12	15.65	0.14	1.3	0.066	2.36	19.8	90.4	0.94	1420	1.10	0.07	7.3	2.6	600
N813952		0.49	0.51	0.14	<0.1	0.008	0.11	2.3	2.5	12.60	219	0.14	0.02	0.7	2.0	160
N813953		3.11	16.60	0.15	1.4	0.039	2.53	18.6	21.6	0.87	692	1.46	2.09	7.9	2.8	610
N813954		3.31	17.10	0.16	1.6	0.043	2.62	18.0	48.2	0.92	932	1.75	1.27	8.2	3.3	680
N813955		3.38	16.75	0.14	1.3	0.048	2.72	19.1	22.4	0.90	1060	3.28	1.37	7.8	2.9	640
N813956		3.38	17.35	0.14	1.2	0.037	2.76	23.4	46.5	0.92	688	1.86	1.15	8.2	3.0	670
N813957		5.22	8.14	0.11	0.6	0.171	1.75	16.8	25.1	1.78	7500	4.61	0.03	3.7	2.9	300



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Account: ROCKHA

Project: Klaza-96

**CERTIFICATE OF ANALYSIS WH12182335**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N813922		20.6	87.2	<0.002	0.09	2.98	13.2	2	2.5	429	0.64	<0.05	10.2	0.291	3.6
N813923		16.1	83.2	<0.002	0.05	4.74	12.5	2	1.8	402	0.62	<0.05	10.1	0.270	3.5
N813924		17.4	84.3	<0.002	0.04	1.33	12.2	1	1.8	419	0.66	<0.05	10.3	0.275	3.4
N813925		17.0	81.2	<0.002	0.05	11.45	13.2	1	2.2	153.5	0.67	<0.05	10.5	0.304	2.7
N813926		13.5	79.0	<0.002	0.09	26.2	12.6	1	2.1	301	0.62	<0.05	9.2	0.286	4.0
N813927		14.7	73.4	<0.002	0.04	9.66	12.9	2	1.8	192.5	0.65	<0.05	9.7	0.294	2.4
N813928		14.7	72.9	<0.002	0.04	9.59	12.7	1	1.8	197.5	0.65	<0.05	9.3	0.297	2.5
N813929		17.6	85.8	<0.002	0.03	4.25	12.7	2	1.7	336	0.64	<0.05	11.0	0.277	3.1
N813930		15.7	90.7	<0.002	0.29	8.41	11.6	2	3.2	203	0.63	0.07	9.4	0.278	4.3
N813931		69.0	86.7	<0.002	0.10	1.23	12.1	2	2.4	429	0.62	<0.05	11.2	0.273	3.8
N813932		1315	154.0	0.002	3.09	34.7	9.3	2	5.9	153.0	0.58	0.29	11.2	0.203	4.9
N813933		45.0	87.9	<0.002	0.17	1.45	12.8	2	2.6	455	0.64	<0.05	11.0	0.282	3.7
N813934		18.3	82.1	<0.002	0.01	1.34	12.8	2	1.9	470	0.62	<0.05	9.8	0.290	3.0
N813935		17.8	84.5	<0.002	0.01	1.88	12.4	2	1.9	438	0.64	<0.05	10.4	0.279	2.7
N813936		17.4	86.9	<0.002	0.02	1.97	12.1	2	2.0	422	0.60	<0.05	10.5	0.272	2.7
N813937		27.8	84.4	<0.002	0.20	17.85	11.4	1	2.0	169.0	0.58	<0.05	9.9	0.267	4.1
N813938		18.5	76.2	<0.002	0.01	20.4	10.0	1	2.0	118.0	0.61	<0.05	6.6	0.284	2.7
N813939		9.1	90.8	<0.002	0.10	10.50	10.6	1	1.7	184.0	0.57	<0.05	8.4	0.251	4.1
N813940		18.2	86.2	<0.002	0.01	2.99	12.1	2	1.8	371	0.70	<0.05	10.9	0.278	3.0
N813941		33.0	89.2	<0.002	0.05	1.06	12.1	2	1.9	425	0.69	<0.05	11.3	0.274	3.9
N813942		18.6	89.3	<0.002	0.01	1.02	12.2	2	1.8	404	0.70	<0.05	12.0	0.269	4.3
N813943		1335	153.0	<0.002	3.11	34.6	9.2	2	6.0	151.0	0.59	0.40	11.1	0.205	4.8
N813944		43.1	96.5	<0.002	0.13	6.31	12.6	2	2.6	370	0.72	<0.05	11.4	0.270	3.9
N813945		83.8	109.0	0.003	0.14	19.65	11.7	1	2.4	119.5	0.62	<0.05	11.2	0.282	3.3
N813946		18.9	90.9	0.003	0.09	11.35	11.5	1	1.7	290	0.62	<0.05	9.3	0.291	3.4
N813947		58.2	87.9	0.004	0.25	15.40	11.6	1	1.8	169.0	0.65	<0.05	11.7	0.284	3.7
N813948		15.4	72.9	0.002	0.04	14.40	11.3	1	1.6	126.0	0.73	<0.05	10.6	0.285	2.9
N813949		19.8	119.0	0.003	0.38	26.0	9.8	1	1.5	165.5	0.54	<0.05	11.7	0.245	5.5
N813950		1.6	1.7	0.003	0.01	0.23	0.3	1	<0.2	45.4	<0.05	<0.05	0.2	0.005	0.8
N813951		21.9	89.6	0.003	0.15	21.0	10.8	2	1.4	160.5	0.60	<0.05	10.0	0.259	3.5
N813952		1.4	5.2	0.002	0.01	0.17	0.4	1	0.2	38.4	0.06	<0.05	0.6	0.007	0.5
N813953		15.7	87.1	0.002	0.02	1.66	10.8	1	1.5	393	0.72	<0.05	10.7	0.275	3.9
N813954		16.0	86.2	0.002	0.07	7.53	11.0	1	1.5	299	0.73	<0.05	10.6	0.291	3.9
N813955		22.9	102.0	0.004	0.08	10.45	11.7	1	1.6	329	0.67	<0.05	10.7	0.285	4.1
N813956		20.3	96.0	0.002	0.03	7.26	12.2	1	1.7	307	0.68	<0.05	12.5	0.297	3.2
N813957		818	120.0	0.002	2.95	83.7	6.2	<1	1.6	104.0	0.30	<0.05	6.7	0.139	8.5



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Project: Klaza-96

**CERTIFICATE OF ANALYSIS WH12182335**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813922		86	5.2	16.3	59	27.7
N813923		80	1.1	15.6	51	28.0
N813924		80	3.0	15.6	52	27.7
N813925		87	7.7	14.3	55	29.8
N813926		89	2.2	12.2	55	28.7
N813927		83	5.1	14.9	54	30.1
N813928		86	5.1	14.6	56	28.6
N813929		82	2.8	15.0	54	27.6
N813930		78	3.7	12.3	77	28.7
N813931		79	1.4	15.4	83	26.1
N813932		56	5.3	11.2	2940	36.5
N813933		83	1.7	16.3	154	27.6
N813934		86	4.1	16.1	56	29.7
N813935		83	2.1	15.0	53	28.1
N813936		80	4.9	14.5	52	25.2
N813937		78	26.0	13.3	67	24.6
N813938		76	26.1	8.1	40	26.2
N813939		73	32.8	11.5	40	24.5
N813940		82	19.2	15.2	52	31.0
N813941		81	13.6	16.2	76	31.7
N813942		78	2.6	16.2	54	31.7
N813943		57	5.3	11.1	3000	37.1
N813944		80	3.2	14.3	108	32.5
N813945		84	6.2	13.9	163	29.6
N813946		92	3.0	14.0	74	27.5
N813947		81	7.0	15.5	202	28.7
N813948		76	7.9	14.2	64	30.9
N813949		72	4.0	13.6	78	24.0
N813950		2	0.1	0.8	15	0.5
N813951		78	5.2	14.9	71	27.3
N813952		3	0.1	0.9	13	<0.5
N813953		78	2.2	14.9	54	28.3
N813954		83	3.8	15.0	63	31.8
N813955		83	3.2	15.2	92	26.0
N813956		84	3.3	15.5	64	24.7
N813957		44	4.2	11.4	946	12.4



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**CERTIFICATE OF ANALYSIS WH12182335**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12182336**

Project: Klaza - 96

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 96

**CERTIFICATE OF ANALYSIS WH12182336**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813958		8.93	<0.005	0.35	7.56	12.5	1930	1.49	0.13	2.90	0.25	40.9	8.3	10	12.80	11.8
N813959		5.25	<0.005	0.11	7.29	4.9	2080	1.67	0.12	2.97	0.10	37.3	8.3	10	10.40	8.4
N813960		4.90	<0.005	0.11	7.32	11.1	1820	1.47	0.17	2.95	0.13	40.1	8.6	8	19.50	10.8
N813961		<0.02	<0.005	0.09	7.44	9.1	1840	1.55	0.11	2.91	0.11	41.2	8.2	9	18.75	9.9
N813962		2.82	<0.005	0.09	7.36	6.2	1960	1.56	0.23	2.94	0.09	38.3	8.4	9	11.95	11.4
N813963		2.78	<0.005	0.10	6.72	15.4	1500	1.59	0.26	2.84	0.13	39.0	8.1	8	18.20	9.6
N813964		4.02	<0.005	0.02	0.11	<5	20	0.05	0.02	21.2	0.07	1.08	0.8	2	0.31	2.6
N813965		6.69	<0.005	0.08	7.75	4.3	2080	1.38	0.11	3.26	0.10	42.6	8.7	11	12.35	14.1
N813966		7.08	<0.005	0.33	7.78	12.2	2690	1.36	0.17	1.73	0.15	42.0	9.7	10	11.30	54.3
N813967		7.72	<0.005	0.08	7.86	4.6	2180	1.62	0.11	2.91	0.12	47.7	9.2	12	9.74	10.8
N813968		7.79	<0.005	0.16	7.67	4.4	2180	1.10	0.12	3.13	0.12	37.6	8.9	11	10.90	16.7
N813969		8.07	<0.005	0.10	7.48	6.1	2040	1.05	0.10	3.01	0.08	36.6	8.7	10	11.55	8.9
N813970		4.27	<0.005	1.41	6.94	19.0	2390	0.95	0.34	3.17	0.56	37.5	7.4	7	10.05	43.4
N813971		2.65	<0.005	0.12	7.20	8.9	2090	1.03	0.24	2.98	0.06	41.7	7.7	7	12.00	9.3
N813972		6.16	0.005	0.15	7.34	13.5	1710	1.07	0.13	2.88	0.08	39.7	7.8	9	10.10	9.7
N813973		2.50	<0.005	0.09	6.89	6.0	1340	1.02	0.12	2.77	0.06	38.3	7.1	7	11.70	5.6
N813974		0.28	2.31	22.6	5.60	3300	620	0.98	17.30	2.06	67.7	35.1	9.7	17	11.90	413
N813975		3.53	<0.005	0.14	7.34	7.1	1460	1.12	0.13	1.82	0.08	41.6	7.9	8	11.30	11.0
N813976		3.49	0.008	0.48	7.41	577	1190	1.33	0.13	2.56	1.17	39.9	8.7	8	14.40	47.9
N813977		2.66	0.235	6.63	6.82	1965	420	1.09	0.20	3.30	14.60	43.5	11.2	7	12.20	424
N813978		4.28	<0.005	0.02	0.13	10	30	0.06	0.01	21.7	0.08	1.72	1.9	1	0.27	2.2
N813979		5.68	<0.005	0.14	8.03	11.5	2340	1.26	0.10	2.08	0.12	94.7	10.8	11	13.10	14.3
N813980		7.05	<0.005	0.12	7.28	6.2	1950	1.18	0.10	3.05	0.08	43.8	8.2	9	11.65	11.2
N813981		6.92	<0.005	0.11	7.55	5.8	2030	1.19	0.08	2.63	0.08	44.2	9.2	8	12.25	11.5
N813982		2.34	<0.005	0.12	8.22	7.3	2320	1.31	0.10	1.89	0.07	50.3	8.6	8	15.35	11.6
N813983		2.53	<0.005	0.16	6.65	8.1	1020	1.47	0.19	3.36	0.09	37.9	8.7	7	13.20	6.0
N813984		2.37	<0.005	0.14	7.84	5.9	1800	1.18	0.08	2.14	0.07	39.8	8.8	8	11.90	12.0
N813985		1.15	<0.005	0.08	7.38	5.5	1650	1.17	0.07	2.78	0.08	41.4	7.8	8	11.05	10.7
N813986		7.98	0.038	0.22	8.00	8.7	2070	1.37	0.27	2.35	0.08	40.6	9.3	9	12.35	26.9
N813987		8.81	<0.005	0.10	7.64	4.3	2170	1.59	0.16	2.86	0.08	36.9	8.8	10	14.90	9.2
N813988		6.96	0.008	0.18	7.27	9.0	1720	1.57	0.49	3.17	0.07	35.8	8.7	10	11.30	5.5
N813989		0.28	0.776	9.72	6.95	1870	1540	1.51	6.10	1.93	40.7	43.8	16.9	19	15.70	110.5
N813990		3.80	<0.005	0.25	7.62	4.0	2190	1.54	0.14	2.86	0.16	41.9	8.5	12	8.67	36.1
N813991		1.99	0.009	4.09	7.14	18.3	1700	1.46	0.36	2.82	5.19	42.1	8.0	8	12.05	15.7
N813992		3.95	<0.005	0.47	7.80	4.9	1910	1.69	0.11	2.82	0.38	46.2	8.6	9	9.98	13.5
N813993		5.23	<0.005	0.20	7.73	4.8	1980	1.69	0.08	2.67	0.26	47.0	8.8	10	9.28	13.0



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**CERTIFICATE OF ANALYSIS WH12182336**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813958		3.24	15.20	0.15	1.1	0.034	2.43	20.7	27.7	0.87	958	0.59	1.89	7.2	3.1	650
N813959		3.12	15.35	0.17	1.1	0.028	2.42	17.5	20.0	0.81	662	0.67	1.95	7.1	3.2	630
N813960		3.08	15.45	0.15	1.1	0.044	2.41	19.5	44.8	0.78	855	0.63	1.25	7.4	2.9	630
N813961		3.08	14.75	0.15	1.1	0.041	2.39	20.4	44.3	0.78	840	0.83	1.25	7.2	2.8	630
N813962		3.10	15.35	0.15	1.1	0.039	2.45	18.9	29.5	0.78	759	0.82	1.28	7.3	2.9	640
N813963		3.02	14.75	0.12	1.0	0.051	2.55	19.3	33.9	0.71	1070	1.22	0.78	6.8	2.5	570
N813964		0.55	0.29	0.12	<0.1	<0.005	0.04	0.6	1.3	12.70	221	0.21	0.01	0.1	1.9	200
N813965		3.24	15.75	0.19	1.0	0.039	2.44	21.4	19.6	0.87	713	2.84	1.30	7.5	3.0	660
N813966		3.29	16.05	0.16	1.1	0.052	2.53	21.0	26.8	0.68	807	0.78	0.64	7.7	3.0	680
N813967		3.27	16.50	0.15	1.2	0.037	2.43	24.5	22.1	0.98	711	0.82	2.25	7.9	3.2	650
N813968		3.30	16.65	0.22	1.0	0.037	2.47	19.0	13.7	0.92	778	1.02	2.21	8.4	3.9	690
N813969		3.22	16.00	0.23	1.1	0.036	2.52	18.4	13.9	0.86	847	1.06	2.01	8.2	3.4	680
N813970		2.83	14.55	0.22	1.1	0.034	2.51	19.7	23.2	0.98	2390	1.26	0.18	7.6	3.0	610
N813971		3.03	13.85	0.24	1.1	0.031	2.26	22.7	22.0	1.00	1100	1.58	0.10	8.0	3.0	640
N813972		3.11	15.30	0.21	0.9	0.077	2.87	21.5	20.6	0.98	1620	1.95	0.24	7.5	3.1	630
N813973		2.79	14.20	0.19	0.9	0.039	2.30	20.9	35.6	0.94	947	0.43	0.07	7.1	2.6	600
N813974		6.33	12.80	0.20	0.8	1.420	2.41	20.0	16.1	0.84	1760	11.95	0.04	5.5	14.8	430
N813975		3.11	15.30	0.18	1.0	0.050	2.75	22.3	29.2	0.75	1040	1.04	0.48	7.9	2.9	610
N813976		3.35	15.70	0.20	1.0	0.056	2.85	20.3	42.1	0.87	2660	1.78	0.23	7.9	3.0	660
N813977		5.44	13.75	0.20	0.7	0.149	2.84	25.7	26.2	1.08	4300	1.37	0.03	6.3	3.6	580
N813978		0.50	0.52	0.13	<0.1	0.005	0.05	0.9	1.3	12.90	225	0.16	0.01	0.4	3.7	210
N813979		3.37	17.45	0.21	0.9	0.051	2.68	56.3	20.7	0.78	799	0.90	1.30	7.8	3.3	690
N813980		3.11	16.80	0.20	1.0	0.038	2.39	22.6	24.6	0.54	705	0.68	0.83	8.1	3.0	690
N813981		3.22	16.60	0.23	0.9	0.040	2.29	22.9	30.2	0.63	783	1.10	0.43	8.1	3.1	700
N813982		3.23	16.95	0.20	1.1	0.044	2.55	27.1	31.4	0.73	928	0.94	0.66	8.8	3.1	700
N813983		2.87	14.15	0.17	0.9	0.059	2.18	20.1	35.6	1.00	1480	0.57	0.50	6.7	2.5	570
N813984		3.30	17.00	0.20	1.0	0.045	2.44	20.0	46.7	0.74	866	0.76	0.38	8.4	3.2	720
N813985		3.06	15.65	0.19	0.9	0.038	2.33	21.3	48.6	0.65	859	0.74	0.37	7.5	2.8	690
N813986		3.61	17.55	0.19	1.1	0.061	2.65	20.1	36.7	0.74	970	0.89	0.32	8.2	3.3	690
N813987		3.12	16.75	0.20	1.1	0.036	2.49	17.3	19.1	0.73	795	1.42	1.63	8.1	3.2	660
N813988		3.11	15.70	0.19	0.9	0.042	2.40	17.1	18.2	0.75	1190	0.79	1.67	7.6	2.9	640
N813989		5.43	15.05	0.19	1.3	0.898	2.85	23.9	24.4	0.71	2020	12.70	0.28	7.7	16.0	510
N813990		3.11	16.55	0.21	1.0	0.044	2.57	20.9	12.1	0.84	777	1.05	2.06	7.7	3.3	650
N813991		3.35	15.00	0.19	1.0	0.047	2.54	22.0	38.2	0.77	3250	0.49	0.43	7.3	2.8	620
N813992		3.33	16.80	0.21	1.1	0.040	2.74	22.9	20.3	0.88	1300	0.80	1.64	8.4	3.1	700
N813993		3.52	16.70	0.21	1.2	0.064	2.76	23.4	22.3	0.96	1130	1.02	1.82	8.6	3.1	670



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**CERTIFICATE OF ANALYSIS WH12182336**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813958		31.6	96.8	0.003	0.04	3.52	10.8	1	1.6	409	0.62	<0.05	11.0	0.277	1.11	3.9
N813959		19.1	86.5	0.002	0.01	3.20	10.5	1	1.5	445	0.60	<0.05	10.4	0.271	1.08	3.7
N813960		18.6	93.3	<0.002	0.06	9.18	10.9	2	1.6	344	0.59	0.05	10.3	0.270	1.41	4.2
N813961		18.2	95.2	0.003	0.05	8.69	10.7	1	1.7	345	0.59	<0.05	10.9	0.270	1.40	4.2
N813962		18.1	89.3	0.002	0.04	5.22	10.8	2	1.6	334	0.59	<0.05	10.3	0.273	1.26	3.6
N813963		13.8	105.0	<0.002	0.13	23.3	10.2	2	1.5	194.0	0.52	<0.05	9.7	0.246	1.64	3.5
N813964		1.6	2.1	0.002	0.02	0.12	0.3	2	<0.2	40.6	<0.05	<0.05	<0.2	<0.005	<0.02	1.1
N813965		15.9	95.1	0.002	0.01	4.65	11.6	2	1.8	385	0.59	<0.05	10.9	0.278	1.00	3.8
N813966		18.9	98.5	0.004	0.10	20.2	11.7	1	2.2	204	0.61	<0.05	11.5	0.287	1.15	3.3
N813967		16.7	98.8	0.004	0.01	1.20	11.9	2	1.6	456	0.61	<0.05	12.2	0.278	0.98	4.1
N813968		18.7	86.0	<0.002	0.01	2.79	11.9	2	1.5	460	0.62	<0.05	12.0	0.287	1.03	3.6
N813969		16.6	85.7	<0.002	0.02	7.10	11.4	2	1.5	395	0.63	<0.05	11.6	0.276	1.14	3.3
N813970		64.7	102.5	<0.002	0.20	24.1	10.4	1	1.4	172.5	0.60	<0.05	13.1	0.260	1.53	2.8
N813971		7.5	98.2	<0.002	0.12	10.50	11.1	1	1.4	149.0	0.69	<0.05	14.2	0.262	1.43	3.1
N813972		20.0	132.0	<0.002	0.20	9.15	11.2	1	1.5	135.5	0.59	<0.05	13.8	0.269	1.93	3.6
N813973		9.0	89.0	<0.002	0.05	12.90	10.4	1	1.2	140.5	0.54	<0.05	13.2	0.257	1.27	2.4
N813974		2620	138.0	<0.002	4.54	73.4	7.4	2	6.5	81.7	0.41	0.31	11.3	0.169	2.28	5.2
N813975		15.5	121.0	<0.002	0.07	9.59	11.6	1	1.4	133.5	0.63	<0.05	15.5	0.262	1.62	4.0
N813976		52.3	124.0	<0.002	0.24	40.9	11.8	1	1.8	135.0	0.61	<0.05	13.6	0.272	2.01	3.2
N813977		309	195.5	<0.002	3.20	233	10.4	1	2.3	113.0	0.41	<0.05	11.8	0.242	2.61	3.7
N813978		1.7	2.3	<0.002	0.04	0.31	0.5	1	<0.2	44.9	<0.05	<0.05	0.2	0.006	0.03	0.5
N813979		19.0	93.5	<0.002	0.04	7.04	12.5	1	1.5	298	0.56	<0.05	23.6	0.291	1.19	3.0
N813980		16.8	71.8	<0.002	0.01	9.96	11.8	1	1.5	259	0.60	<0.05	12.4	0.291	0.99	2.5
N813981		16.2	67.9	<0.002	0.02	9.67	12.1	1	1.7	230	0.58	<0.05	11.8	0.297	0.98	2.7
N813982		14.6	98.5	<0.002	0.05	9.59	13.8	1	1.8	197.0	0.70	<0.05	16.4	0.303	1.22	3.9
N813983		8.4	93.9	<0.002	0.20	14.60	10.5	1	1.3	159.0	0.57	<0.05	12.2	0.240	1.35	4.4
N813984		15.9	78.1	<0.002	0.02	12.15	13.2	1	1.8	216	0.62	<0.05	11.8	0.302	1.12	2.8
N813985		14.5	70.2	<0.002	0.02	13.00	12.0	1	1.7	226	0.55	<0.05	10.9	0.286	1.01	2.5
N813986		20.0	87.7	<0.002	0.13	12.05	12.6	1	1.8	211	0.64	<0.05	12.3	0.291	1.44	2.9
N813987		16.9	81.3	<0.002	0.02	6.54	11.9	1	1.5	375	0.69	<0.05	12.0	0.284	1.04	3.5
N813988		18.8	80.7	<0.002	0.10	7.01	11.2	1	1.5	316	0.60	<0.05	10.7	0.277	1.22	3.2
N813989		1360	156.5	0.002	3.20	32.5	9.5	2	5.7	156.5	0.62	0.28	14.5	0.213	2.64	5.7
N813990		24.9	85.3	<0.002	0.02	4.89	11.8	1	1.5	418	0.59	<0.05	13.3	0.284	1.02	3.5
N813991		425	101.0	<0.002	0.59	44.3	11.5	1	1.9	170.5	0.57	<0.05	13.4	0.262	1.40	4.2
N813992		25.7	104.5	<0.002	0.06	9.60	12.8	1	1.6	354	0.69	<0.05	13.9	0.293	1.29	3.7
N813993		34.4	105.0	<0.002	0.03	4.51	12.7	1	1.7	364	0.72	<0.05	14.6	0.286	1.30	4.3



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**CERTIFICATE OF ANALYSIS WH12182336**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813958		82	1.7	14.3	71	24.2
N813959		80	2.0	12.9	54	25.7
N813960		78	2.5	13.3	57	26.3
N813961		79	2.5	13.3	57	25.1
N813962		80	1.9	12.9	54	24.6
N813963		73	3.2	12.3	54	22.4
N813964		3	0.1	0.7	13	<0.5
N813965		80	2.6	14.4	54	25.2
N813966		83	4.1	13.9	64	25.4
N813967		81	1.4	17.0	53	28.8
N813968		86	2.5	15.8	61	26.7
N813969		83	2.2	15.1	59	28.3
N813970		74	1.9	12.4	180	27.6
N813971		74	1.8	12.6	66	27.4
N813972		75	2.2	12.1	64	23.7
N813973		73	1.8	11.5	58	22.2
N813974		54	4.7	8.9	5160	22.7
N813975		77	2.3	14.3	64	24.4
N813976		82	2.9	14.5	220	25.4
N813977		71	4.5	14.1	1940	20.8
N813978		5	0.2	1.0	22	<0.5
N813979		86	2.9	15.3	69	24.7
N813980		88	3.9	13.9	59	26.7
N813981		88	3.9	15.8	62	24.7
N813982		90	3.0	16.6	64	28.1
N813983		66	1.5	15.1	65	22.7
N813984		88	3.3	15.6	63	26.2
N813985		84	2.9	15.4	56	24.2
N813986		86	4.8	14.7	74	27.2
N813987		83	2.3	14.7	62	27.0
N813988		82	2.0	13.0	79	23.4
N813989		60	5.4	12.0	3090	39.7
N813990		83	1.9	13.9	73	25.9
N813991		77	3.1	14.5	854	24.9
N813992		89	2.9	15.4	124	26.9
N813993		86	2.3	16.9	93	29.1



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1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Project: Klaza - 96

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**CERTIFICATE OF ANALYSIS WH12182336**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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To: **ROCKHAVEN RESOURCES LTD.**  
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**CERTIFICATE WH12182337**

Project: Klaza - 97

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12182337**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812286		0.28	2.22	24.0	5.93	3450	1240	1.18	19.60	2.16	76.7	49.2	10.5	18	15.00	432
N812287		7.20	<0.005	0.17	7.38	56.5	1560	1.80	0.25	2.82	0.83	61.9	7.4	20	28.4	12.4
N812288		6.97	<0.005	0.08	6.54	24.9	1570	1.86	0.13	2.84	0.37	57.2	5.8	26	28.0	9.1
N812289		2.74	<0.005	0.20	6.81	42.5	2440	1.84	0.16	2.25	0.59	67.3	6.3	29	25.2	10.7
N812290		3.87	1.145	5.54	6.39	958	610	1.38	3.32	1.19	26.5	50.2	10.0	9	15.15	54.5
N812291		6.80	0.076	2.49	6.90	146.5	1510	1.66	6.26	1.97	2.08	50.2	8.9	9	14.80	129.0
N812292		3.59	0.156	4.39	7.34	166.0	1990	1.57	6.18	1.79	5.22	54.0	12.8	8	14.00	246
N812293		5.31	0.088	0.73	7.05	76.1	1970	1.34	0.69	1.95	0.53	51.7	10.1	9	15.20	51.4
N812294		4.85	0.122	1.09	7.18	109.5	1520	1.43	0.97	2.18	2.98	54.3	17.2	8	15.70	42.0
N812295		7.00	1.565	4.26	7.24	364	630	1.47	1.75	1.99	18.20	52.1	13.9	8	14.50	96.2
N812296		4.67	0.030	1.39	7.37	82.9	2010	1.37	0.80	2.49	3.34	41.6	7.6	8	16.65	48.9
N812297		1.82	0.010	0.39	7.08	38.9	2210	1.62	0.23	2.22	0.42	53.4	6.1	25	18.45	16.7
N812298		<0.02	0.014	0.43	7.44	43.1	2290	1.70	0.22	2.30	0.65	58.1	6.3	27	19.50	18.2
N812299		4.63	0.027	0.62	7.19	141.5	1710	1.71	0.28	3.12	0.46	42.1	8.6	9	19.25	19.1
N812300		3.73	0.060	2.68	7.23	232	1400	1.73	0.45	3.12	2.47	42.9	7.2	7	21.9	108.0
N814001		4.97	0.025	1.54	7.46	92.6	1970	1.55	0.32	1.89	1.25	43.8	6.9	8	14.95	152.5
N814002		2.89	0.121	5.81	7.41	786	1620	1.59	1.38	1.39	21.4	46.5	7.3	8	10.65	253
N814003		4.96	<0.005	0.20	7.70	12.3	2120	1.62	0.15	2.39	0.14	43.5	6.5	8	11.60	27.3
N814004		2.78	0.416	2.69	7.30	563	2520	1.53	0.75	1.82	27.2	42.3	8.2	8	14.25	40.4
N814005		3.58	0.056	1.48	7.25	312	2170	1.55	0.45	2.12	2.51	42.5	8.0	9	15.25	136.0
N814006		6.59	0.160	3.02	7.18	862	2130	1.45	0.70	2.69	6.68	38.9	11.9	8	20.7	42.3
N814007		4.04	0.169	2.50	6.88	291	1470	1.48	0.45	2.93	7.54	38.6	36.4	8	13.60	51.2
N814008		3.75	<0.005	0.03	0.12	<5	30	<0.05	0.64	21.0	0.10	1.19	1.7	<1	0.38	2.1
N814009		8.34	0.006	0.47	7.32	62.2	1790	1.40	0.18	3.38	0.33	41.6	5.5	10	20.6	15.6
N814010		3.14	0.118	3.06	6.66	379	1740	1.26	0.28	4.47	6.61	39.2	5.8	6	16.10	62.5
N814011		3.97	<0.005	0.02	0.09	<5	60	0.06	0.01	21.0	0.07	1.24	1.7	<1	0.21	1.0
N814012		2.99	0.014	0.98	7.13	78.7	1970	1.51	0.88	2.88	0.67	44.2	7.6	8	8.73	33.2
N814013		3.13	0.135	4.35	7.41	482	2440	1.72	0.53	2.15	10.35	44.8	35.0	9	8.29	21.2
N814014		0.28	4.41	>100	5.61	8210	1300	1.12	62.3	1.94	224	34.2	7.7	17	10.70	1240
N814015		6.53	<0.005	0.06	7.92	7.0	2020	1.45	0.10	2.86	0.12	42.8	6.3	10	11.80	7.0
N814016		3.84	0.013	0.17	7.22	13.4	2640	1.53	0.19	2.34	0.24	40.0	7.1	9	8.10	6.2
N814017		2.46	<0.005	0.15	7.47	9.4	2110	1.56	0.20	2.15	0.11	42.9	5.6	8	6.90	4.6
N814018		1.19	<0.005	0.11	7.66	8.6	1920	1.64	0.16	1.80	0.10	45.8	4.0	8	7.17	3.9
N814019		2.81	0.009	0.43	6.98	30.8	3760	1.53	0.11	3.57	1.48	43.8	5.1	7	17.50	6.6
N814020		4.47	<0.005	0.14	7.91	6.7	1890	1.59	0.07	1.49	0.08	44.0	6.4	17	16.35	7.7
N814021		3.77	0.013	0.29	7.20	30.9	1780	1.91	0.21	2.86	0.29	40.1	15.8	9	17.25	9.6





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Project: Klaza - 97

**CERTIFICATE OF ANALYSIS WH12182337**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812286		6.58	13.90	0.18	1.0	1.710	2.59	27.0	20.5	0.88	1860	13.55	0.04	6.0	15.9	440
N812287		2.84	18.25	0.21	3.4	0.036	2.53	30.8	24.0	1.07	830	1.29	0.06	8.8	9.9	840
N812288		2.34	17.95	0.17	3.8	0.033	2.72	28.2	17.1	0.78	644	0.50	0.07	10.5	14.0	880
N812289		2.40	19.45	0.22	4.3	0.030	2.74	34.8	18.0	0.83	786	1.06	0.07	10.9	15.3	930
N812290		5.98	15.05	0.21	1.3	0.432	2.86	25.3	11.4	0.57	1690	3.40	0.03	6.8	5.1	580
N812291		3.90	15.40	0.19	0.9	0.186	3.32	25.5	14.3	0.84	1870	1.93	0.05	6.8	2.7	580
N812292		4.30	15.60	0.20	0.8	0.344	3.38	29.3	14.5	0.88	1550	1.34	0.06	6.6	2.9	570
N812293		4.00	16.35	0.22	0.8	0.120	3.40	26.7	19.6	0.80	1500	1.27	0.30	7.1	2.9	580
N812294		3.96	15.50	0.20	0.9	0.115	3.15	29.0	9.1	0.95	2100	1.00	0.04	6.5	2.5	590
N812295		4.23	15.55	0.19	1.1	0.253	3.08	27.0	10.7	0.83	2100	2.53	0.04	7.1	3.1	600
N812296		3.14	14.85	0.13	1.0	0.098	2.72	20.5	20.9	0.94	1180	1.86	0.05	7.1	3.2	610
N812297		2.12	17.70	0.15	3.1	0.032	2.34	26.0	76.8	0.84	547	0.80	0.08	9.4	11.5	910
N812298		2.21	18.05	0.15	3.1	0.035	2.44	28.5	80.0	0.88	571	0.81	0.08	9.8	11.6	940
N812299		3.18	15.70	0.15	1.1	0.057	2.90	20.3	14.9	1.07	1240	3.85	0.05	7.7	3.1	630
N812300		3.22	14.50	0.15	1.0	0.101	2.82	22.2	14.6	1.09	1440	2.42	0.04	6.7	2.8	570
N814001		3.37	16.35	0.14	1.1	0.085	3.01	21.2	31.4	0.69	1100	1.14	0.09	7.4	2.6	640
N814002		4.23	16.75	0.16	1.0	0.139	2.86	23.3	27.2	0.70	1640	1.43	0.06	7.1	2.5	590
N814003		3.21	15.45	0.13	1.2	0.042	2.69	21.3	15.6	0.75	564	1.26	1.56	7.2	2.6	630
N814004		3.45	16.95	0.15	1.1	0.130	2.95	20.1	31.8	0.60	1560	1.35	0.08	7.8	2.8	630
N814005		3.18	16.00	0.13	1.1	0.157	2.78	20.3	27.2	0.75	1240	1.78	0.07	7.1	2.6	620
N814006		3.65	15.70	0.15	0.8	0.147	2.72	18.7	23.7	0.86	1360	7.13	0.17	6.8	2.9	620
N814007		4.22	14.30	0.13	0.8	0.385	2.85	19.3	16.7	1.04	1440	2.29	0.49	5.8	2.9	550
N814008		0.47	0.42	0.27	<0.1	<0.005	0.06	0.6	1.1	12.85	215	0.20	0.01	0.4	3.3	190
N814009		2.99	15.80	0.15	0.9	0.064	2.74	20.0	45.3	0.92	1020	0.99	0.07	7.8	2.9	650
N814010		3.28	12.45	0.11	0.8	0.068	2.39	20.5	22.3	1.39	1500	1.62	0.05	5.8	2.6	540
N814011		0.47	0.38	0.29	<0.1	<0.005	0.03	0.6	0.9	12.85	214	0.12	<0.01	0.5	3.3	180
N814012		3.50	14.70	0.12	1.0	0.160	3.07	21.7	17.7	1.08	1860	2.36	0.05	6.4	2.5	610
N814013		4.30	15.60	0.14	0.8	0.125	2.88	22.8	25.8	0.95	1610	2.46	0.05	6.5	3.6	570
N814014		8.02	12.30	0.13	1.0	4.00	2.25	17.7	28.4	0.63	2980	15.05	0.08	4.9	12.0	450
N814015		3.30	16.90	0.12	1.2	0.046	2.43	20.7	48.4	0.74	636	1.30	1.39	8.7	2.5	670
N814016		3.05	16.10	0.13	0.9	0.068	2.79	18.6	21.4	0.53	593	0.99	1.11	7.2	2.7	610
N814017		3.47	16.30	0.15	0.8	0.090	2.40	20.6	44.9	0.72	797	1.12	0.24	7.1	2.9	640
N814018		3.33	16.30	0.14	0.8	0.077	2.37	22.7	53.2	0.70	737	4.27	0.24	6.7	2.5	620
N814019		3.13	14.30	0.15	0.8	0.049	2.36	23.1	47.4	1.06	1400	1.79	0.05	6.3	2.7	530
N814020		3.25	17.25	0.14	1.2	0.047	2.63	20.6	33.9	0.48	589	1.11	0.52	8.7	2.5	670
N814021		3.39	16.00	0.18	1.1	0.069	2.47	19.2	21.7	0.91	879	1.09	1.08	7.2	3.4	570



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Project: Klaza - 97

**CERTIFICATE OF ANALYSIS WH12182337**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812286		2690	163.0	<0.002	4.87	89.6	9.3	1	7.8	88.2	0.52	0.37	12.2	0.172	2.27	5.7
N812287		29.3	88.9	<0.002	0.08	12.65	9.5	1	1.5	245	0.68	<0.05	10.0	0.302	1.40	5.5
N812288		23.3	81.6	<0.002	0.04	14.15	5.9	1	1.4	306	0.85	<0.05	10.5	0.257	1.80	5.2
N812289		28.3	91.5	<0.002	0.13	11.10	6.9	1	1.6	178.0	0.80	<0.05	12.0	0.267	2.02	6.8
N812290		708	186.5	0.002	5.56	17.75	11.3	2	4.7	56.4	0.55	0.18	12.4	0.207	2.87	4.5
N812291		98.9	157.0	0.002	1.11	14.95	11.9	1	2.2	117.5	0.59	0.07	12.6	0.217	2.70	5.5
N812292		140.5	174.5	<0.002	1.24	16.85	12.0	1	2.8	136.0	0.58	0.13	14.6	0.216	2.52	6.6
N812293		39.5	150.0	<0.002	0.55	7.10	12.2	1	2.3	169.5	0.58	0.05	13.8	0.229	2.20	5.4
N812294		158.0	154.0	<0.002	0.96	6.98	12.2	1	2.6	109.0	0.57	0.08	13.5	0.220	2.47	7.4
N812295		799	160.5	<0.002	2.21	17.50	12.0	1	3.4	97.1	0.61	0.16	14.6	0.222	2.65	5.2
N812296		165.0	94.2	<0.002	0.53	12.00	10.6	1	2.0	141.0	0.54	0.08	11.4	0.261	1.70	3.6
N812297		27.5	72.8	<0.002	0.18	6.87	6.2	1	2.0	260	0.69	<0.05	9.9	0.271	1.56	3.1
N812298		21.2	84.4	<0.002	0.20	7.14	6.5	1	2.0	268	0.68	<0.05	9.8	0.281	1.54	3.2
N812299		28.9	106.0	<0.002	0.41	5.61	11.1	1	1.6	207	0.63	<0.05	11.5	0.267	2.27	3.5
N812300		114.5	134.0	<0.002	0.66	12.05	10.5	2	1.7	178.5	0.54	0.05	11.9	0.242	2.24	4.6
N814001		61.2	114.0	<0.002	0.38	11.90	11.3	1	1.7	117.0	0.58	<0.05	12.7	0.273	1.90	3.1
N814002		585	135.0	<0.002	1.31	24.8	11.5	2	4.7	88.0	0.57	0.24	12.5	0.250	1.87	2.9
N814003		14.2	96.5	<0.002	0.08	4.13	11.0	1	1.4	299	0.58	<0.05	12.0	0.269	1.04	3.2
N814004		849	116.5	<0.002	0.99	15.85	11.4	2	2.4	114.0	0.57	0.07	10.9	0.268	1.87	2.7
N814005		129.5	107.5	<0.002	0.50	20.3	10.8	1	2.0	104.0	0.58	<0.05	11.4	0.261	1.72	4.2
N814006		648	102.0	<0.002	1.00	12.75	10.6	2	2.0	140.0	0.47	0.06	8.1	0.270	1.64	2.4
N814007		466	133.5	<0.002	1.63	12.35	9.9	2	1.9	168.5	0.43	0.10	9.2	0.219	1.92	3.7
N814008		3.4	2.5	<0.002	0.02	0.13	0.5	1	<0.2	39.4	<0.05	<0.05	<0.2	<0.005	0.02	0.3
N814009		29.3	98.1	<0.002	0.26	9.42	11.0	1	1.7	152.5	0.55	<0.05	9.0	0.282	1.64	3.6
N814010		493	110.0	<0.002	0.73	18.00	9.4	1	1.6	180.0	0.44	0.05	8.6	0.223	1.48	5.4
N814011		1.7	1.5	<0.002	0.01	0.11	0.3	1	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N814012		38.1	133.0	<0.002	0.64	10.85	10.2	1	2.4	129.0	0.48	0.14	8.9	0.234	2.10	4.3
N814013		854	144.5	<0.002	1.31	11.00	10.9	2	2.4	106.5	0.53	0.11	9.4	0.240	1.95	3.3
N814014		9330	123.5	<0.002	7.02	217	6.3	3	7.7	120.0	0.40	0.44	7.4	0.180	2.03	4.5
N814015		15.1	89.6	<0.002	0.03	7.41	11.4	1	1.6	342	0.67	<0.05	11.1	0.279	1.03	2.9
N814016		18.5	100.5	<0.002	0.10	5.73	10.5	1	1.6	189.5	0.56	<0.05	8.6	0.269	1.24	2.7
N814017		8.7	101.5	<0.002	0.08	8.56	11.3	2	1.8	110.5	0.52	<0.05	11.2	0.264	1.45	2.0
N814018		7.8	106.0	<0.002	0.06	8.65	11.0	1	1.8	111.0	0.53	<0.05	11.8	0.257	1.36	2.0
N814019		69.8	120.5	<0.002	0.32	8.94	10.1	1	1.4	143.5	0.44	<0.05	11.2	0.229	1.69	5.0
N814020		13.1	104.0	<0.002	0.02	15.55	12.8	2	1.8	141.5	0.68	<0.05	12.6	0.302	1.11	2.4
N814021		25.4	101.0	<0.002	0.36	6.23	11.0	1	1.5	194.0	0.64	<0.05	9.1	0.251	1.52	4.9



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**CERTIFICATE OF ANALYSIS WH12182337**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812286		55	5.3	10.3	5250	26.1		
N812287		71	1.9	13.8	185	117.0		
N812288		49	2.0	9.8	121	132.5		
N812289		52	1.4	11.8	138	157.0		
N812290		61	5.4	10.6	2110	37.4		
N812291		67	4.3	12.8	237	20.8		
N812292		66	4.1	12.5	577	18.5		
N812293		68	3.4	13.0	117	20.8		
N812294		70	3.8	12.6	381	20.4		
N812295		66	6.5	12.1	2040	29.2		
N812296		74	2.2	12.1	331	31.6		
N812297		54	1.8	9.3	70	133.0		
N812298		55	1.8	10.2	92	139.0		
N812299		78	6.6	14.8	78	26.1		
N812300		72	4.9	14.6	235	24.2		
N814001		78	5.8	13.5	141	28.2		
N814002		74	7.1	11.9	1540	25.0		
N814003		76	2.1	14.2	59	29.3		
N814004		76	4.4	14.3	1780	29.1		
N814005		75	4.7	12.6	290	27.8		
N814006		81	2.8	11.8	788	20.9		
N814007		72	3.1	10.9	835	20.0		
N814008		3	0.1	0.8	17	<0.5		
N814009		81	2.8	13.9	72	22.9		
N814010		68	9.0	13.7	670	19.3		
N814011		3	0.1	0.8	17	<0.5		
N814012		74	4.4	11.0	107	24.7		
N814013		78	3.1	12.1	1280	21.4		
N814014		53	4.1	7.7	>10000	33.1	123	1.615
N814015		76	2.2	16.4	53	27.0		
N814016		76	4.1	12.5	70	22.8		
N814017		79	3.2	15.3	75	22.8		
N814018		78	3.3	14.7	73	20.6		
N814019		69	5.8	14.9	169	20.6		
N814020		86	4.5	15.1	49	32.0		
N814021		76	3.0	13.5	71	25.1		



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**CERTIFICATE OF ANALYSIS WH12182337**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12182338**

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P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
MATT TURNER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12182338**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N812402		1.69	0.006	0.18	7.26	31.1	1460	1.31	0.30	3.31	0.07	39.3	7.8	9	15.50	4.9
N812403		1.69	0.005	0.10	6.59	10.3	1470	1.36	0.45	3.28	0.12	37.1	7.8	8	13.55	2.6
N812404		1.55	0.005	0.09	6.87	9.2	2390	1.36	0.20	3.85	0.08	35.7	6.7	8	12.25	2.7
N812405		4.95	<0.005	0.05	7.56	4.8	2030	1.57	0.06	3.05	0.07	51.9	8.2	12	13.65	4.8
N812406		0.26	2.39	24.7	5.71	3030	1710	1.31	19.95	2.16	76.1	44.0	10.6	18	12.90	415
N812407		1.51	0.005	0.27	7.43	5.7	2100	1.51	0.06	2.87	0.09	44.8	7.8	9	12.40	6.3
N812408		1.35	0.012	0.23	6.87	171.0	1910	1.35	0.08	2.69	0.66	43.3	8.2	9	14.60	7.0
N812409		0.77	0.012	0.30	7.32	164.0	1890	1.47	0.13	2.79	0.95	48.0	9.1	8	15.70	7.7
N812410		1.71	<0.005	0.10	7.65	13.1	2050	1.46	0.05	2.72	0.05	46.7	8.0	9	14.10	6.7
N812411		2.41	<0.005	0.04	7.35	5.9	1550	1.30	0.10	3.24	0.11	42.3	8.0	14	14.10	6.6
N812412		2.89	<0.005	0.04	7.14	4.4	1900	1.29	0.07	2.83	0.07	41.8	7.6	10	12.65	4.5
N812413		2.48	<0.005	0.04	7.21	3.7	2420	1.51	0.05	2.43	0.05	43.2	7.8	9	10.30	4.2
N812414		1.87	<0.005	0.10	7.71	13.2	1320	1.28	0.15	2.96	0.18	43.6	8.5	7	12.15	3.6
N812415		3.80	<0.005	0.05	7.05	5.6	1170	1.31	0.06	2.76	0.09	40.8	7.9	9	13.05	5.2
N812416		1.90	0.108	1.93	7.40	117.5	920	1.38	0.24	3.31	0.51	48.5	8.5	10	15.00	8.3
N812417		1.59	<0.005	0.06	0.12	5	20	0.05	0.02	20.7	0.07	1.01	0.8	2	0.44	1.6
N812418		1.99	<0.005	0.08	8.02	4.6	2040	1.19	0.09	1.12	0.10	53.9	7.0	10	14.90	7.4
N812419		3.54	<0.005	0.06	7.55	4.2	1830	1.43	0.07	2.21	0.06	44.3	7.2	9	15.30	7.5
N812420		1.46	0.009	0.17	7.13	120.0	1320	1.63	0.05	1.88	0.35	42.4	8.3	8	16.60	4.5
N812421		2.24	<0.005	0.07	7.24	5.1	1900	1.63	0.05	2.39	0.09	42.6	8.0	10	17.75	10.2
N812422		1.67	<0.005	0.13	7.15	4.4	1890	1.35	0.05	2.50	0.08	41.3	7.5	8	14.90	9.8
N812423		3.12	<0.005	0.07	7.54	4.0	2010	1.41	0.08	2.74	0.07	42.9	7.9	10	10.90	6.5
N812424		0.22	0.747	9.00	6.66	1595	1880	1.41	6.63	1.93	40.8	45.7	16.1	20	14.25	104.5
N812425		3.40	<0.005	0.07	7.50	3.5	1680	1.39	0.12	3.08	0.06	39.7	8.5	12	11.60	11.3
N812426		2.76	<0.005	0.05	7.45	4.7	2510	1.45	0.13	2.99	0.07	37.4	8.4	9	10.75	6.7
N812427		2.78	<0.005	0.06	7.25	6.2	1850	1.38	0.12	2.45	0.06	42.3	8.0	10	12.35	5.8
N812428		3.27	<0.005	0.05	7.52	2.3	1990	1.50	0.09	2.64	0.06	41.4	8.5	11	18.35	7.3
N812429		4.36	<0.005	0.04	6.97	3.8	900	1.26	0.08	2.85	0.06	39.5	8.2	11	12.15	4.4
N812430		3.56	<0.005	0.03	7.86	2.7	2390	1.37	0.11	1.51	0.05	55.4	9.2	10	14.45	5.7
N812431		3.33	<0.005	0.03	7.25	3.2	2590	1.51	0.08	3.10	0.06	41.0	8.3	11	15.35	4.2
N812432		1.36	0.068	6.86	6.88	341	1200	1.40	0.18	3.19	1.09	44.2	7.7	8	17.20	16.2
N812433		2.21	<0.005	0.03	0.10	<5	20	0.06	0.02	22.1	0.05	1.35	1.1	1	0.37	1.7
N812434		4.60	<0.005	0.08	8.04	4.5	2070	1.66	0.13	2.83	0.10	51.2	8.2	11	16.20	7.5
N812435		3.23	0.023	0.47	6.98	421	1180	1.36	0.11	3.05	0.67	43.2	8.4	9	18.15	8.4
N812436		<0.02	0.024	0.36	7.14	415	1220	1.23	0.10	3.00	0.54	41.2	7.3	9	16.35	7.3
N812437		4.06	<0.005	0.06	7.64	7.6	2040	1.52	0.12	2.92	0.09	46.0	8.5	10	14.85	10.9



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**CERTIFICATE OF ANALYSIS WH12182338**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812402		2.99	15.20	0.13	1.2	0.043	2.98	19.9	19.8	0.82	1620	0.32	1.05	7.1	2.6	590
N812403		3.07	14.00	0.11	1.3	0.032	2.15	17.9	44.9	0.79	1260	0.19	1.37	7.0	2.7	590
N812404		2.81	14.15	0.10	1.3	0.036	2.44	18.0	11.6	0.71	1370	0.22	1.63	6.7	2.3	580
N812405		3.22	16.40	0.14	1.4	0.040	2.74	25.3	13.3	0.92	793	0.73	2.13	7.7	2.9	610
N812406		6.54	14.10	0.12	1.0	1.650	2.57	23.5	23.3	0.91	1790	12.80	0.04	5.7	15.1	420
N812407		3.14	15.95	0.10	1.4	0.043	2.71	21.7	12.4	0.89	708	0.62	2.16	7.5	2.7	610
N812408		3.31	15.55	0.14	1.3	0.057	3.21	20.3	16.7	0.81	1640	0.51	1.24	7.6	2.9	590
N812409		3.56	16.75	0.14	1.4	0.067	3.29	23.7	16.8	0.89	1740	0.62	1.23	8.3	3.0	630
N812410		3.20	16.00	0.12	1.3	0.042	2.95	23.4	11.3	0.82	937	0.57	1.89	7.5	2.7	610
N812411		3.21	16.25	0.16	1.4	0.036	3.04	20.6	42.3	0.92	1150	0.47	0.92	8.3	3.7	660
N812412		3.13	14.35	0.15	1.2	0.045	2.98	21.1	42.7	0.74	932	0.48	1.22	7.0	2.7	600
N812413		2.96	14.55	0.13	1.3	0.031	2.81	21.0	11.3	0.69	678	0.45	2.14	7.0	2.5	580
N812414		3.38	15.95	0.14	1.2	0.031	3.01	22.3	36.6	1.06	1510	0.32	0.29	7.0	2.7	580
N812415		3.25	14.55	0.12	1.3	0.033	2.65	19.1	47.1	0.99	881	0.38	0.36	6.9	2.6	570
N812416		3.29	14.95	0.14	1.4	0.091	3.22	24.2	35.2	1.15	3020	0.61	0.05	7.2	2.9	620
N812417		0.49	0.30	0.18	<0.1	0.006	0.06	0.5	1.7	12.75	217	0.10	0.01	0.1	2.1	180
N812418		2.80	16.65	0.18	1.5	0.036	2.92	29.3	27.2	0.53	374	0.86	0.86	7.9	2.7	640
N812419		2.91	16.20	0.17	1.5	0.039	2.79	21.9	20.3	0.57	563	0.70	1.45	7.6	2.5	610
N812420		3.10	18.25	0.13	1.4	0.041	2.92	20.9	32.9	0.73	1680	0.37	0.58	7.6	2.8	560
N812421		3.06	16.10	0.12	1.5	0.032	2.65	19.5	19.1	0.80	646	0.84	2.00	7.9	2.8	590
N812422		2.98	15.70	0.14	1.4	0.031	2.67	20.3	29.7	0.69	714	0.59	1.49	7.6	2.9	540
N812423		3.20	15.95	0.13	1.4	0.035	2.74	19.9	14.5	0.89	777	0.81	2.26	7.8	2.6	620
N812424		5.37	14.70	0.11	1.4	0.883	2.86	23.2	24.6	0.72	1960	11.90	0.26	7.1	15.1	490
N812425		3.30	17.75	0.17	1.5	0.068	2.61	19.2	12.0	0.86	986	1.10	2.01	8.6	3.1	600
N812426		3.28	17.65	0.18	1.4	0.055	2.70	18.1	13.8	0.90	911	1.08	2.18	8.4	2.9	630
N812427		3.18	16.95	0.20	1.4	0.051	2.86	21.0	18.2	0.70	810	0.67	1.78	8.5	2.8	600
N812428		3.12	17.70	0.20	1.4	0.040	2.70	20.3	11.7	0.79	715	0.99	2.21	8.7	3.0	600
N812429		3.27	15.40	0.20	1.2	0.052	2.43	19.9	24.9	0.88	1040	0.53	0.96	7.8	3.0	570
N812430		3.36	17.30	0.18	1.5	0.045	2.59	28.7	20.0	0.68	797	0.49	1.14	9.1	3.1	720
N812431		3.12	16.70	0.20	1.4	0.037	2.80	19.6	13.4	0.80	934	0.38	2.06	8.1	2.9	600
N812432		3.34	16.65	0.19	1.3	0.061	3.11	22.1	38.1	0.82	7030	0.59	0.47	7.8	2.7	550
N812433		0.50	0.39	0.14	<0.1	<0.005	0.04	0.6	1.1	13.20	236	0.16	0.01	0.3	2.3	200
N812434		3.27	18.35	0.17	1.6	0.044	2.79	24.9	23.1	0.86	781	1.19	2.20	9.6	2.9	640
N812435		3.10	16.15	0.17	1.4	0.039	3.40	21.4	32.4	0.86	3100	0.73	0.58	8.5	3.3	570
N812436		3.08	14.45	0.14	1.3	0.035	3.46	20.5	29.2	0.85	3100	0.63	0.59	7.7	2.6	580
N812437		3.26	17.95	0.18	1.4	0.052	2.91	22.0	15.0	0.85	1020	0.87	1.99	8.8	2.9	630



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**CERTIFICATE OF ANALYSIS WH12182338**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812402		15.5	122.5	0.003	0.09	7.46	10.9	1	1.6	163.0	0.57	<0.05	10.4	0.260	1.82	2.4
N812403		18.3	73.1	0.002	0.08	7.98	9.9	1	1.5	228	0.56	<0.05	9.8	0.259	1.28	2.5
N812404		6.9	93.3	0.002	0.16	2.83	9.4	2	1.5	164.0	0.57	<0.05	10.0	0.254	1.54	4.1
N812405		16.9	99.2	0.002	0.01	2.12	11.7	2	1.6	382	0.64	<0.05	12.1	0.271	1.18	3.3
N812406		2650	148.0	0.004	4.73	89.0	7.9	2	7.8	93.2	0.44	0.39	10.7	0.172	2.17	5.3
N812407		16.4	89.0	0.003	0.01	1.73	11.1	2	1.6	397	0.63	<0.05	11.1	0.271	1.05	3.0
N812408		37.2	121.5	0.004	0.26	9.49	11.2	1	1.8	243	0.61	<0.05	10.5	0.278	1.91	5.0
N812409		40.4	141.5	0.002	0.29	10.15	12.3	1	2.0	239	0.67	<0.05	11.4	0.283	2.00	5.6
N812410		18.8	113.5	0.004	0.05	3.02	11.1	<1	1.7	355	0.58	<0.05	12.7	0.268	1.29	3.8
N812411		11.6	114.0	0.002	0.03	9.01	11.2	1	1.8	189.0	0.65	<0.05	10.9	0.288	1.65	3.2
N812412		15.1	109.5	0.003	0.03	7.03	10.1	1	1.5	225	0.58	<0.05	10.8	0.259	1.47	3.1
N812413		16.2	95.4	0.002	0.02	2.51	10.3	1	1.4	330	0.60	<0.05	11.2	0.254	1.13	2.4
N812414		15.1	117.5	0.002	0.18	15.20	10.5	1	1.4	147.5	0.56	<0.05	12.1	0.256	1.74	4.5
N812415		13.0	81.0	<0.002	0.02	12.35	9.7	1	1.5	135.5	0.57	<0.05	10.5	0.253	1.30	2.1
N812416		23.9	162.5	0.004	0.74	16.00	11.6	1	1.6	92.1	0.60	<0.05	13.0	0.264	2.14	7.9
N812417		1.4	2.6	0.003	0.02	0.12	0.3	1	<0.2	35.9	<0.05	<0.05	<0.2	0.005	0.03	0.4
N812418		16.8	119.0	0.002	0.01	12.25	12.0	1	1.9	193.5	0.67	<0.05	14.1	0.282	1.20	2.9
N812419		16.0	97.9	0.002	0.01	6.14	10.3	1	1.7	259	0.64	<0.05	12.0	0.278	1.19	2.4
N812420		12.0	123.0	0.003	0.24	14.10	10.7	1	1.6	134.0	0.66	<0.05	11.4	0.253	1.58	6.3
N812421		18.8	97.1	<0.002	0.01	2.92	10.9	1	1.9	373	0.69	<0.05	11.9	0.269	1.01	3.5
N812422		13.8	104.0	0.002	0.02	7.23	10.3	1	1.9	266	0.61	<0.05	11.8	0.252	1.11	4.7
N812423		16.7	94.3	0.002	0.01	1.49	10.7	1	1.5	385	0.65	<0.05	12.0	0.272	1.04	4.3
N812424		1320	146.5	0.003	3.19	32.2	8.5	1	5.6	152.0	0.58	0.27	11.9	0.205	2.36	5.3
N812425		13.6	99.0	<0.002	0.04	2.45	11.3	1	1.8	262	0.72	<0.05	11.2	0.270	1.13	5.5
N812426		16.4	92.3	<0.002	0.06	2.13	11.0	1	1.8	357	0.73	<0.05	10.0	0.268	1.01	3.4
N812427		16.8	96.7	<0.002	0.09	3.57	10.7	1	1.9	287	0.74	<0.05	11.4	0.264	1.13	3.5
N812428		17.5	90.6	<0.002	0.01	1.64	11.3	1	1.8	391	0.72	<0.05	11.3	0.265	0.94	2.9
N812429		13.6	84.8	<0.002	0.06	8.93	10.5	1	1.8	142.0	0.63	<0.05	10.3	0.257	1.13	2.7
N812430		12.4	111.5	<0.002	0.04	11.25	12.9	1	2.0	161.5	0.76	<0.05	14.2	0.301	1.14	3.1
N812431		13.9	97.9	<0.002	0.04	4.61	10.8	1	1.7	329	0.67	<0.05	10.8	0.261	1.27	3.6
N812432		302	121.5	<0.002	0.92	61.6	10.0	1	1.9	164.0	0.68	<0.05	11.1	0.244	1.84	5.1
N812433		1.4	2.2	<0.002	0.02	0.19	0.4	1	<0.2	44.8	<0.05	<0.05	<0.2	0.006	<0.02	0.6
N812434		19.2	99.3	<0.002	0.01	2.79	11.9	1	2.0	422	0.97	<0.05	12.9	0.282	0.98	3.8
N812435		43.8	148.5	<0.002	0.51	19.25	10.6	1	1.8	180.0	0.88	<0.05	11.6	0.252	2.13	5.9
N812436		36.0	139.0	<0.002	0.50	16.75	9.5	1	1.6	174.5	0.78	<0.05	10.7	0.258	1.91	5.3
N812437		19.0	105.0	<0.002	0.03	3.52	11.7	1	1.9	371	0.70	<0.05	11.4	0.281	1.36	3.6





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 Plus Appendix Pages  
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 Account: ROCKHA

Project: Klaza-98

**CERTIFICATE OF ANALYSIS WH12182338**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N812402		76	1.8	12.3	70	24.7
N812403		69	1.4	11.4	121	25.1
N812404		70	1.3	11.1	78	25.0
N812405		77	0.8	16.2	55	29.5
N812406		53	4.8	9.4	5200	25.4
N812407		76	0.8	15.0	56	28.4
N812408		80	2.0	13.2	134	26.4
N812409		83	2.2	14.8	175	27.6
N812410		75	1.3	14.1	55	27.7
N812411		79	1.4	12.3	73	28.7
N812412		71	1.6	11.7	59	25.6
N812413		70	1.3	11.7	51	26.6
N812414		81	1.6	14.0	75	26.0
N812415		74	1.8	12.3	60	25.9
N812416		76	2.3	15.8	81	29.4
N812417		3	0.1	0.8	13	<0.5
N812418		80	3.4	15.5	55	30.2
N812419		76	2.1	13.8	52	28.4
N812420		76	1.9	13.9	74	30.7
N812421		74	1.5	14.8	58	30.5
N812422		71	1.5	13.7	59	29.2
N812423		77	1.6	15.0	59	30.0
N812424		57	5.0	10.7	3000	35.2
N812425		73	2.1	16.3	62	39.0
N812426		79	2.7	16.0	59	36.5
N812427		72	1.8	15.2	57	37.5
N812428		72	1.5	15.8	55	38.1
N812429		69	1.9	13.6	57	31.4
N812430		82	1.8	17.6	61	38.5
N812431		72	1.2	14.7	53	38.3
N812432		68	2.2	14.1	120	35.1
N812433		2	0.1	0.9	13	<0.5
N812434		79	1.8	18.9	60	39.1
N812435		69	2.3	15.7	103	36.2
N812436		70	2.0	14.2	99	33.7
N812437		79	2.0	16.8	60	36.5



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**CERTIFICATE OF ANALYSIS WH12182338**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12182339**

Project: Klaza-93/96

P.O. No.: Batch 1

This report is for 38 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
MATT TURNER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12182339**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813884		3.62	0.016	0.31	7.43	12.7	2490	1.41	0.62	2.34	1.87	45.4	4.8	13	13.30	26.6
N813885		3.86	0.032	1.13	7.09	27.8	1920	1.54	1.55	2.56	5.63	35.0	14.1	13	13.70	29.4
N813886		7.27	0.025	0.59	7.54	31.6	2000	1.43	1.31	2.47	2.70	47.4	9.4	18	14.10	25.4
N813887		7.12	<0.005	0.55	7.30	20.9	1620	1.51	0.87	2.83	0.32	47.4	8.9	14	13.90	143.0
N813888		7.79	<0.005	0.39	6.88	25.5	2180	1.38	0.65	4.23	0.14	41.0	8.0	11	13.00	46.4
N813889		3.29	<0.005	0.30	7.88	14.6	460	1.73	0.62	4.82	0.20	45.2	8.1	8	13.25	42.2
N813890		1.72	<0.005	0.30	8.41	13.6	500	1.85	0.57	5.23	0.18	49.8	8.1	13	14.80	40.2
N813891		4.35	<0.005	0.51	7.67	15.8	800	1.51	1.23	2.20	0.40	51.6	8.6	14	20.2	38.5
N813892		6.34	<0.005	0.61	7.47	19.6	1680	1.49	0.73	2.91	0.40	40.5	8.6	16	12.45	130.0
N813893		3.04	<0.005	0.19	6.79	15.5	1570	1.48	0.28	2.93	0.14	38.6	8.4	12	17.05	29.0
N813894		8.39	<0.005	0.42	7.32	5.7	2200	1.37	0.64	2.74	0.33	44.3	8.3	15	10.80	78.6
N813895		8.14	<0.005	0.30	7.48	22.0	1900	1.48	0.48	3.04	0.77	43.2	8.7	15	8.67	26.7
N813896		2.36	<0.005	0.09	6.76	2.9	2020	1.37	0.14	3.66	0.13	37.9	8.3	17	8.02	10.6
N813897		5.56	<0.005	0.08	7.67	1.8	2010	1.48	0.16	2.86	0.09	46.5	8.6	14	4.43	8.2
N813898		0.26	0.810	10.25	6.90	1945	1620	1.50	6.49	1.88	42.8	50.1	17.1	22	16.95	109.5
N813899		8.20	<0.005	0.24	7.41	5.1	1990	1.41	0.16	2.96	0.13	45.7	8.3	15	7.03	8.4
N813900		5.14	<0.005	0.11	7.33	2.4	1880	1.53	0.09	3.18	0.10	42.7	9.4	14	8.63	12.1
N813901	Not Recvd															
N813902		2.85	0.010	0.33	7.72	131.0	560	1.67	0.18	3.30	0.19	51.0	7.5	8	21.9	7.9
N813903		5.02	<0.005	0.36	7.60	45.9	1650	1.42	0.35	2.39	0.32	39.0	8.0	10	14.80	52.3
N813904		2.79	<0.005	0.21	7.80	188.0	840	1.59	0.18	2.90	0.20	45.1	9.4	9	19.10	7.7
N813905		3.64	<0.005	0.03	0.11	<5	20	0.07	0.05	21.6	0.07	1.30	0.7	1	0.26	2.0
N813906		8.57	<0.005	0.20	7.71	16.1	1840	1.34	0.32	2.65	0.13	38.7	8.6	8	13.90	16.4
N813907		3.88	<0.005	0.09	7.69	9.3	1930	1.40	0.08	4.00	0.10	41.0	9.2	9	14.30	10.4
N813908		4.40	<0.005	0.21	8.39	4.8	1890	1.51	0.62	2.52	0.51	45.8	9.0	8	12.90	20.3
N813909		4.08	<0.005	0.20	7.70	21.9	970	1.63	0.43	2.54	0.23	46.6	8.9	8	21.7	20.2
N813910		0.26	2.27	27.2	6.19	3160	390	1.23	19.80	2.10	80.1	43.9	11.1	17	14.55	455
N813911		4.75	0.580	0.49	7.79	53.6	1910	1.58	0.27	2.63	4.01	42.5	8.7	10	13.60	9.0
N813912		3.20	<0.005	0.19	7.35	69.1	1530	1.28	0.15	2.30	0.18	36.7	7.4	8	17.70	8.6
N813913		3.15	<0.005	0.25	8.04	3.5	2070	1.58	0.18	3.02	0.17	42.3	8.7	9	12.65	34.6
N813914		2.59	<0.005	0.49	6.94	65.5	1680	1.23	0.74	1.99	0.24	40.8	7.8	7	16.30	59.4
N813915		3.60	<0.005	1.10	8.05	37.3	1560	1.51	0.66	2.48	0.66	43.8	8.3	12	19.05	50.6
N813916		2.59	0.114	1.84	5.25	545	680	0.98	0.58	4.76	1.19	28.8	7.5	5	11.25	10.6
N813917		4.46	<0.005	0.07	0.09	<5	20	0.07	0.04	21.6	0.07	1.10	0.6	1	0.25	1.6
N813918	Not Recvd															
N813919		7.52	<0.005	0.30	8.00	8.3	2010	1.32	0.85	3.13	0.17	44.3	8.7	11	11.55	30.6
N813920		<0.02	<0.005	0.35	7.98	7.7	1990	1.56	0.92	3.07	0.17	44.4	8.7	10	11.40	30.8
N813921		8.37	<0.005	0.13	7.71	9.3	2050	1.41	0.22	3.14	0.11	43.2	8.7	13	12.60	10.3



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Project: Klaza-93/96

**CERTIFICATE OF ANALYSIS WH12182339**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813884		2.58	16.15	0.11	1.0	0.119	2.79	23.1	12.0	0.66	503	3.18	2.05	7.4	1.8	580
N813885		2.73	15.70	0.15	0.9	0.394	2.58	16.9	13.2	0.57	658	2.89	1.80	7.3	2.3	560
N813886		3.21	16.70	0.13	1.0	0.194	2.74	24.3	18.4	0.80	556	1.57	1.67	7.7	2.6	610
N813887		3.10	16.75	0.14	1.1	0.095	2.37	21.5	25.9	0.65	846	61.1	0.82	7.9	2.4	610
N813888		3.33	14.60	0.12	1.2	0.086	2.86	19.5	18.6	1.14	1160	6.83	0.07	7.3	2.2	640
N813889		3.70	16.20	0.15	1.4	0.074	2.80	20.8	28.0	1.33	1320	1.12	0.05	7.7	2.1	660
N813890		3.96	18.90	0.15	1.5	0.085	3.06	23.1	32.4	1.40	1420	0.88	0.05	9.2	2.4	750
N813891		2.88	17.05	0.16	1.4	0.100	2.62	26.4	29.4	0.62	852	1.49	0.17	8.0	2.1	630
N813892		3.21	17.35	0.14	1.3	0.078	2.46	19.2	18.8	0.79	732	2.52	1.57	8.1	2.5	670
N813893		3.11	16.60	0.14	1.3	0.059	2.35	16.4	14.3	0.68	1120	1.94	1.41	7.8	2.4	630
N813894		3.14	16.85	0.17	1.2	0.068	2.38	21.6	11.4	0.83	696	1.06	2.01	7.6	2.4	630
N813895		3.33	16.85	0.15	1.2	0.104	2.48	21.6	13.6	0.91	995	1.04	1.99	8.0	2.9	670
N813896		3.31	15.75	0.11	1.1	0.044	2.15	17.2	11.3	1.04	848	1.16	1.97	7.4	2.9	620
N813897		3.10	16.95	0.14	1.2	0.039	2.43	23.2	14.7	0.92	698	1.72	2.22	7.7	2.6	640
N813898		5.23	15.80	0.15	1.5	0.907	2.85	25.3	25.7	0.68	2000	12.35	0.26	7.4	15.3	510
N813899		3.18	16.20	0.15	1.2	0.045	2.47	20.6	15.7	0.87	793	1.20	2.12	7.7	2.4	660
N813900		3.32	17.65	0.12	1.3	0.046	2.37	18.9	16.5	0.98	823	0.72	2.30	8.3	2.9	720
N813901																
N813902		2.77	16.75	0.15	1.3	0.048	2.95	26.9	41.7	0.95	3630	1.26	0.07	7.7	2.1	670
N813903		3.35	16.25	0.09	1.3	0.113	3.66	19.3	32.5	0.80	2410	1.85	0.28	7.0	2.9	650
N813904		3.27	16.60	0.17	1.1	0.067	3.58	25.4	21.5	1.00	2740	0.89	0.05	6.8	2.8	590
N813905		0.50	0.29	0.09	<0.1	0.011	0.05	0.7	1.1	13.55	239	0.11	<0.01	0.2	1.9	180
N813906		3.05	16.05	0.14	1.2	0.055	2.71	18.5	18.2	0.85	928	1.39	1.51	7.2	2.8	640
N813907		3.04	16.45	0.14	1.3	0.043	2.47	20.2	22.5	0.79	858	1.44	1.71	7.2	2.9	620
N813908		3.25	17.80	0.16	1.3	0.113	2.51	22.4	29.5	0.80	644	0.84	1.49	7.6	3.0	680
N813909		3.13	16.45	0.12	1.3	0.060	3.03	22.5	54.3	0.85	1290	1.48	0.28	7.8	2.8	710
N813910		6.50	14.55	0.13	0.9	1.635	2.70	22.9	23.9	0.88	1860	12.35	0.04	5.4	16.4	450
N813911		3.86	17.00	0.13	1.1	0.074	2.75	20.2	25.3	0.87	1780	1.43	1.55	7.2	3.0	660
N813912		3.44	16.35	0.16	1.1	0.120	3.07	16.9	20.7	0.69	1720	2.04	0.14	7.3	2.7	660
N813913		3.24	16.70	0.13	1.1	0.055	2.53	20.3	10.9	0.91	760	2.14	2.23	7.3	3.0	660
N813914		3.19	14.10	0.13	1.0	0.071	2.55	21.3	20.6	0.73	1240	8.25	0.16	6.1	2.7	580
N813915		3.21	16.85	0.16	1.1	0.086	2.84	22.1	24.9	0.76	1780	4.11	1.04	7.2	3.0	670
N813916		5.20	10.20	0.17	0.8	0.105	2.26	16.6	22.4	1.72	4530	3.01	0.02	4.4	2.5	410
N813917		0.49	0.23	0.10	<0.1	0.012	0.04	0.6	1.0	13.50	234	0.12	0.01	0.1	1.7	180
N813918																
N813919		3.47	17.15	0.15	1.2	0.059	2.75	21.3	11.7	0.98	962	4.66	1.88	7.3	3.1	670
N813920		3.45	16.75	0.14	1.1	0.067	2.79	20.6	11.9	0.93	968	3.96	1.89	7.4	3.1	670
N813921		3.23	16.75	0.13	1.2	0.064	2.67	20.7	15.6	0.89	1030	2.31	1.75	7.2	3.0	650



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Project: Klaza-93/96

**CERTIFICATE OF ANALYSIS WH12182339**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813884		76.9	102.5	<0.002	0.28	2.58	9.0	<1	2.6	382	0.66	0.05	13.4	0.245	1.38	3.4
N813885		258	116.5	<0.002	1.14	2.30	8.9	<1	3.7	261	0.64	0.35	12.3	0.231	1.60	3.2
N813886		46.4	120.5	<0.002	1.25	2.67	9.9	1	3.2	277	0.67	0.28	13.3	0.250	1.58	3.9
N813887		29.1	100.5	0.007	0.38	19.70	10.5	1	3.1	187.0	0.58	0.05	12.7	0.270	1.76	4.4
N813888		10.6	100.5	<0.002	0.46	24.1	10.0	<1	2.8	110.5	0.61	<0.05	10.1	0.276	3.19	2.7
N813889		13.7	94.4	<0.002	0.29	21.9	10.5	1	2.7	88.2	0.68	<0.05	12.3	0.292	2.88	2.8
N813890		14.5	97.1	<0.002	0.30	21.1	11.7	1	3.0	96.2	0.73	<0.05	13.3	0.322	3.22	3.0
N813891		33.5	126.5	<0.002	0.31	22.5	11.3	1	3.6	82.4	0.74	0.07	13.7	0.275	1.91	4.6
N813892		50.4	86.9	<0.002	0.31	12.20	10.8	<1	3.0	310	0.73	<0.05	10.9	0.296	1.31	3.5
N813893		18.7	86.8	<0.002	0.29	7.67	10.4	1	2.3	286	0.66	<0.05	9.7	0.277	1.55	3.0
N813894		31.3	91.6	<0.002	0.20	1.62	11.1	<1	2.7	387	0.58	0.05	10.7	0.278	1.21	2.9
N813895		44.7	91.4	0.002	0.24	2.30	11.1	1	2.6	382	0.63	<0.05	11.1	0.291	1.35	3.0
N813896		18.2	70.3	<0.002	0.03	7.51	10.0	1	1.7	385	0.59	<0.05	9.8	0.276	0.91	2.9
N813897		17.8	87.7	<0.002	0.01	0.64	11.1	1	1.7	420	0.64	<0.05	12.9	0.285	0.95	3.2
N813898		1335	169.5	<0.002	3.23	35.2	8.8	1	6.0	157.0	0.62	0.30	13.5	0.208	2.59	5.2
N813899		18.5	89.4	<0.002	0.04	1.13	10.5	<1	1.7	397	0.61	<0.05	10.3	0.288	1.07	2.6
N813900		16.1	75.5	0.002	0.01	1.05	11.3	<1	1.7	427	0.61	<0.05	8.6	0.306	1.01	2.4
N813901																
N813902		23.4	143.0	<0.002	0.40	17.50	11.5	1	1.6	110.0	0.68	<0.05	13.2	0.286	3.01	4.5
N813903		32.8	157.0	0.003	0.24	18.60	11.0	1	1.9	142.0	0.64	<0.05	10.3	0.290	2.97	3.9
N813904		23.3	216	0.004	0.36	17.45	11.7	1	1.9	87.3	0.63	<0.05	11.9	0.269	2.87	5.5
N813905		1.4	2.4	0.002	0.02	0.16	0.2	1	<0.2	48.6	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N813906		19.7	100.0	0.003	0.05	5.73	11.0	1	2.2	323	0.66	<0.05	10.0	0.294	1.37	2.8
N813907		17.2	85.8	0.003	0.04	4.55	11.4	2	1.5	425	0.61	<0.05	10.3	0.288	1.20	3.3
N813908		19.8	95.7	0.004	0.18	4.79	12.4	2	3.3	334	0.64	<0.05	11.9	0.310	1.10	2.6
N813909		13.2	126.0	0.002	0.28	15.95	12.8	1	3.1	147.0	0.69	<0.05	10.5	0.318	2.78	4.9
N813910		2690	165.5	0.004	4.94	88.5	8.3	1	8.0	91.3	0.44	0.38	9.8	0.175	2.48	4.8
N813911		70.3	106.0	0.004	0.44	7.12	12.0	1	2.2	323	0.59	<0.05	9.6	0.295	1.59	3.1
N813912		22.1	116.0	0.003	0.11	14.25	11.1	1	1.8	113.5	0.64	<0.05	8.9	0.302	2.09	3.4
N813913		15.9	90.8	0.007	0.04	1.63	11.8	2	1.9	429	0.62	<0.05	10.0	0.306	1.06	2.7
N813914		19.0	121.0	0.003	0.23	22.6	10.6	1	5.5	97.7	0.54	<0.05	10.2	0.255	1.74	2.7
N813915		43.5	114.0	0.004	0.27	14.70	11.7	2	3.3	251	0.62	<0.05	10.8	0.303	1.72	3.0
N813916		113.0	142.0	0.003	2.20	27.7	7.9	1	2.2	89.6	0.38	<0.05	8.3	0.183	2.00	4.5
N813917		1.4	1.7	0.005	0.02	0.17	0.3	1	0.5	38.9	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N813918																
N813919		23.9	105.5	0.003	0.15	3.12	11.7	1	3.7	375	0.62	<0.05	11.0	0.305	1.47	3.2
N813920		25.7	102.0	0.006	0.15	3.07	11.5	1	3.7	380	0.64	<0.05	11.0	0.306	1.44	3.1
N813921		16.5	104.0	0.006	0.11	3.76	11.2	1	2.3	362	0.66	<0.05	10.6	0.292	1.39	3.4



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Project: Klaza-93/96

**CERTIFICATE OF ANALYSIS WH12182339**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N813884		66	1.5	14.0	144	20.5
N813885		63	1.6	13.7	459	20.0
N813886		69	1.5	14.0	233	22.2
N813887		78	7.0	13.9	77	29.4
N813888		60	2.4	8.1	80	25.6
N813889		74	1.9	9.6	91	28.6
N813890		81	2.2	10.7	98	33.6
N813891		77	3.3	13.9	79	28.5
N813892		85	5.8	15.4	79	27.0
N813893		83	6.9	13.9	56	28.7
N813894		80	2.4	14.6	71	26.2
N813895		85	1.5	15.2	116	24.8
N813896		82	1.3	13.4	61	22.7
N813897		82	3.1	15.9	52	24.5
N813898		59	5.3	11.7	3110	34.1
N813899		82	3.0	14.5	63	25.2
N813900		95	0.7	15.5	61	28.1
N813901						
N813902		80	4.5	15.7	39	27.4
N813903		83	4.8	14.1	83	28.7
N813904		80	2.5	15.4	57	26.8
N813905		2	0.1	0.9	14	<0.5
N813906		83	2.8	13.9	65	27.0
N813907		81	2.9	16.5	52	28.2
N813908		86	2.5	14.6	96	31.0
N813909		88	2.1	13.6	67	29.1
N813910		54	4.7	9.8	5370	24.7
N813911		85	3.1	14.9	312	26.2
N813912		85	5.4	13.5	79	26.0
N813913		86	6.3	15.3	56	25.3
N813914		75	3.7	13.4	68	21.0
N813915		86	5.1	14.4	99	25.2
N813916		58	5.5	10.8	143	18.1
N813917		2	0.1	0.7	11	<0.5
N813918						
N813919		87	2.9	14.5	65	27.3
N813920		87	3.1	14.8	66	28.3
N813921		83	1.4	13.9	59	28.4



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Project: Klaza-93/96

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**CERTIFICATE OF ANALYSIS WH12182339**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12182360**

Project: Klaza-94/97

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
MATT TURNER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

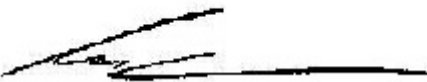
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-94/97

**CERTIFICATE OF ANALYSIS WH12182360**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N812250		3.08	<0.005	0.16	7.32	62.2	1560	1.41	0.09	2.60	0.17	44.8	8.7	10	23.6	7.5
N812251		1.81	0.011	0.22	7.21	34.4	1800	1.45	0.08	2.99	0.22	43.8	9.1	9	21.7	6.0
N812252		4.27	<0.005	0.05	7.38	5.2	2060	1.37	0.08	2.41	0.07	45.0	8.3	10	14.75	6.9
N812253		4.23	<0.005	0.05	7.13	8.3	1680	1.52	0.10	3.31	0.09	43.1	8.1	9	20.7	6.6
N812254		5.63	<0.005	0.23	7.48	2.7	1980	1.51	0.08	3.04	0.07	40.6	8.6	10	11.65	5.5
N812255		0.23	0.732	10.30	6.77	1855	330	1.42	6.72	1.94	45.2	44.8	17.2	20	17.05	109.5
N812256		5.39	<0.005	0.07	7.33	6.7	1970	1.42	0.08	2.98	0.10	42.4	8.8	10	17.10	4.5
N812257		3.35	<0.005	0.03	7.01	4.6	1510	1.36	0.10	2.85	0.14	36.1	8.6	8	13.45	2.7
N812258		3.80	<0.005	0.02	6.89	3.6	1740	1.53	0.12	3.45	0.13	48.0	8.2	10	17.90	3.9
N812259		2.21	<0.005	0.05	7.14	3.3	1950	1.46	0.06	3.54	0.07	36.8	8.9	8	18.55	3.4
N812260		<0.02	<0.005	0.04	7.14	4.4	1860	1.41	0.06	3.59	0.10	38.8	8.8	9	18.10	3.5
N812261		1.72	0.010	0.14	6.80	50.9	2090	1.61	0.25	3.11	0.28	40.2	8.0	8	19.20	4.0
N812262		5.62	<0.005	0.03	7.58	1.6	2120	1.55	0.07	2.83	0.07	45.3	8.1	11	11.75	3.8
N812263		4.11	0.010	0.30	7.97	21.7	2190	1.66	0.15	2.84	0.93	46.2	7.8	11	11.00	14.2
N812264		3.35	0.006	0.48	7.16	39.1	2240	1.36	0.24	4.30	0.95	52.8	8.3	9	9.91	36.2
N812265		2.28	0.072	2.79	7.83	300	2020	1.71	1.05	0.97	5.77	56.8	7.9	9	17.10	83.9
N812266		5.06	0.024	3.41	7.27	156.5	1840	1.55	0.69	2.29	3.68	43.5	7.4	9	13.75	106.5
N812267		2.41	0.005	0.57	7.04	39.3	1800	1.54	0.64	2.67	0.52	41.0	6.2	7	14.40	73.5
N812268		4.80	<0.005	0.15	7.52	18.3	2140	1.55	0.14	2.54	0.25	48.6	7.3	9	10.15	15.0
N812269		7.52	<0.005	0.28	7.51	13.6	2150	1.54	0.11	2.51	0.17	48.6	6.9	11	7.80	9.8
N812270		0.28	2.24	27.8	5.92	3400	200	1.23	20.6	2.23	84.3	43.3	10.8	18	14.95	431
N812271		5.61	0.008	0.59	7.79	17.0	2180	1.54	0.24	2.87	0.98	51.4	8.1	11	8.89	14.0
N812272		3.24	0.028	12.95	7.31	83.7	1820	1.45	13.75	2.62	11.65	46.6	7.6	9	13.80	37.8
N812273		2.67	<0.005	0.01	0.09	7	20	0.07	0.03	21.8	0.07	1.39	1.0	1	0.29	3.2
N812274		2.93	0.009	0.40	7.61	35.3	2170	1.36	0.36	2.90	0.38	57.9	8.0	10	7.98	41.5
N812275		1.39	0.008	0.34	7.39	26.1	2110	1.44	0.27	2.90	0.40	51.5	8.2	11	7.69	31.5
N812276		5.73	0.008	0.31	7.94	24.2	2220	1.36	0.21	2.89	0.61	53.4	8.0	10	8.91	34.9
N812277		4.30	0.026	2.12	7.34	949	1860	1.48	0.24	2.62	8.10	46.6	6.1	9	11.95	15.4
N812278		3.51	<0.005	0.02	0.16	<5	30	0.09	0.02	21.3	0.07	1.55	1.3	4	0.39	0.9
N812279		4.32	0.009	0.18	7.64	95.1	2040	1.57	0.11	2.75	0.43	47.9	6.9	10	11.00	13.1
N812280		2.53	0.354	3.91	7.42	562	930	2.35	2.16	1.95	22.4	51.5	6.6	8	20.4	54.5
N812281		4.60	0.016	0.09	6.60	27.4	1020	1.94	0.08	1.58	0.56	39.5	1.6	2	20.1	1.2
N812282		3.55	<0.005	0.03	7.32	27.3	1220	1.73	0.03	1.23	0.21	45.1	1.7	3	21.1	0.6
N812283		7.55	<0.005	0.01	7.29	38.4	1070	1.94	0.02	1.68	0.09	44.0	2.0	3	22.6	0.4
N812284		7.13	0.211	1.14	7.10	191.0	1320	2.86	1.09	2.64	3.71	61.3	5.0	21	29.7	17.8
N812285		7.11	0.013	0.34	7.39	169.5	2640	2.15	0.14	3.20	0.98	57.4	7.2	14	28.2	8.8



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Account: ROCKHA

Project: Klaza-94/97

**CERTIFICATE OF ANALYSIS WH12182360**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812250		2.84	17.70	0.16	1.2	0.039	2.77	21.8	94.8	0.70	1000	1.35	0.16	8.4	3.0	630
N812251		3.15	17.05	0.18	1.2	0.036	3.21	21.4	36.0	0.81	1310	1.71	0.69	8.2	3.1	600
N812252		2.99	17.60	0.18	1.4	0.041	2.61	21.8	21.9	0.66	652	0.92	1.19	9.1	2.9	640
N812253		2.97	17.20	0.18	1.4	0.039	2.71	20.3	21.0	0.84	758	1.05	1.58	8.8	2.8	600
N812254		3.09	17.50	0.17	1.1	0.037	2.49	19.2	12.0	0.86	657	0.48	2.26	8.5	3.1	620
N812255		5.36	16.15	0.19	1.4	1.015	2.94	23.3	24.3	0.71	2020	13.05	0.27	7.8	15.6	500
N812256		3.22	17.50	0.19	1.2	0.042	2.52	20.5	34.9	0.86	691	0.44	1.82	8.5	3.0	630
N812257		3.03	16.15	0.17	1.1	0.036	2.10	16.7	30.5	0.80	715	0.31	1.12	8.0	2.8	620
N812258		2.98	16.25	0.18	1.0	0.033	2.24	24.4	25.0	0.91	749	0.25	1.55	7.9	2.8	600
N812259		3.03	16.40	0.19	1.2	0.039	2.32	17.4	30.4	0.78	689	0.25	1.79	8.1	2.9	600
N812260		3.01	16.40	0.18	1.1	0.036	2.27	18.4	34.4	0.78	684	0.25	1.79	7.9	2.9	590
N812261		2.76	15.95	0.17	1.1	0.036	2.20	20.1	207	0.94	1070	2.22	0.30	7.7	2.8	590
N812262		3.01	17.20	0.18	1.4	0.035	2.55	22.0	24.5	0.83	614	0.49	2.16	8.3	2.8	590
N812263		3.25	18.60	0.18	1.0	0.064	2.75	22.5	14.2	0.69	718	1.68	2.21	9.1	4.0	660
N812264		3.18	16.95	0.20	0.9	0.080	2.51	27.9	18.3	0.61	1040	1.32	1.00	7.9	3.2	600
N812265		4.29	18.10	0.19	1.0	0.179	3.13	30.8	23.5	0.41	1900	3.21	0.45	8.4	3.7	640
N812266		3.49	17.55	0.18	1.0	0.108	2.99	21.2	20.4	0.39	1240	2.36	0.99	8.6	3.0	610
N812267		2.71	16.90	0.18	0.9	0.101	2.79	20.0	26.8	0.45	680	2.02	1.67	8.3	2.9	580
N812268		3.08	17.50	0.18	1.0	0.048	2.62	24.4	18.7	0.67	638	1.60	1.88	8.4	3.0	610
N812269		2.95	17.25	0.19	1.0	0.053	2.65	24.6	14.4	0.78	584	2.05	2.31	8.4	3.0	600
N812270		6.68	14.95	0.23	0.9	1.865	2.63	22.7	23.6	0.90	1890	13.75	0.04	6.1	15.4	440
N812271		3.32	18.10	0.18	1.0	0.052	2.73	25.5	13.7	0.87	887	2.92	2.21	8.7	3.4	640
N812272		3.60	17.40	0.19	0.9	0.060	2.94	22.6	20.1	0.79	1650	1.97	1.37	8.1	3.1	590
N812273		0.48	0.57	0.13	<0.1	<0.005	0.09	0.6	1.1	13.00	208	<0.05	0.01	0.5	1.9	190
N812274		3.25	15.45	0.18	1.0	0.069	2.68	27.3	12.2	0.83	834	1.47	2.12	8.2	2.8	640
N812275		3.14	15.00	0.19	0.9	0.067	2.61	23.8	12.0	0.82	839	1.67	2.09	8.1	2.6	610
N812276		3.45	15.85	0.19	0.9	0.088	2.97	24.7	15.2	0.91	1120	1.89	2.16	8.4	2.6	680
N812277		3.03	14.65	0.17	0.9	0.206	3.05	21.7	13.5	0.76	1350	1.59	1.46	7.8	2.2	570
N812278		0.48	0.39	0.15	<0.1	<0.005	0.07	0.7	1.8	12.70	225	<0.05	0.01	0.2	3.4	180
N812279		3.04	15.45	0.18	1.0	0.055	2.73	21.6	19.1	0.79	730	3.05	2.04	8.4	2.5	620
N812280		3.84	15.60	0.17	1.5	0.365	2.84	24.8	57.2	0.57	1390	3.99	0.16	9.4	3.0	600
N812281		1.32	16.55	0.14	2.5	0.022	2.66	18.5	22.7	0.49	530	1.51	0.05	16.6	0.6	300
N812282		1.41	16.35	0.14	2.2	0.018	2.87	21.7	12.3	0.43	486	0.37	0.05	14.1	0.7	320
N812283		1.48	17.45	0.13	2.6	0.018	3.00	20.8	16.0	0.51	508	0.54	0.05	16.2	0.7	340
N812284		2.52	17.60	0.17	3.8	0.137	2.83	29.8	28.4	0.87	871	2.24	0.07	12.6	10.0	760
N812285		2.94	17.40	0.18	3.0	0.047	2.58	26.6	29.7	1.11	980	1.96	0.06	8.3	6.7	800



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Account: ROCKHA

Project: Klaza-94/97

**CERTIFICATE OF ANALYSIS WH12182360**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812250		26.4	95.9	<0.002	0.21	14.00	11.3	1	1.8	227	0.69	<0.05	11.9	0.276	1.95	4.0
N812251		18.4	120.0	<0.002	0.71	10.75	11.3	1	1.6	265	0.67	<0.05	12.2	0.266	2.01	4.2
N812252		18.0	86.8	<0.002	0.03	7.47	11.6	1	1.9	282	0.78	<0.05	12.0	0.280	1.00	3.4
N812253		14.8	92.7	<0.002	0.05	5.73	10.7	1	1.7	312	0.80	<0.05	10.5	0.262	1.19	3.9
N812254		15.2	75.7	<0.002	0.01	2.10	10.9	1	1.7	408	0.67	<0.05	9.4	0.275	0.89	3.5
N812255		1350	155.5	<0.002	3.20	36.1	8.8	2	6.7	154.5	0.62	0.39	11.1	0.208	2.33	5.3
N812256		16.9	82.9	<0.002	0.06	4.79	11.6	1	1.8	367	0.66	<0.05	10.3	0.283	1.06	3.4
N812257		15.4	63.5	<0.002	0.02	10.95	10.4	1	1.7	266	0.63	<0.05	8.5	0.265	0.85	2.4
N812258		12.6	86.5	<0.002	0.03	9.25	10.9	1	1.8	279	0.62	<0.05	10.6	0.263	0.98	3.0
N812259		14.5	73.4	<0.002	0.01	5.49	10.9	1	1.9	383	0.66	<0.05	9.7	0.271	0.97	3.0
N812260		15.1	72.2	<0.002	0.01	5.32	10.8	1	1.8	381	0.62	<0.05	9.7	0.262	0.94	3.2
N812261		17.9	78.7	<0.002	0.24	22.4	10.8	1	1.9	241	0.60	<0.05	9.6	0.255	1.14	5.5
N812262		15.0	85.8	<0.002	0.01	2.17	11.0	1	1.7	419	0.70	<0.05	11.9	0.266	0.80	4.4
N812263		64.0	92.3	<0.002	0.11	2.85	11.9	1	2.0	383	0.69	<0.05	11.0	0.287	1.05	2.1
N812264		45.2	75.7	<0.002	0.02	5.54	10.3	1	1.7	268	0.61	<0.05	10.8	0.248	1.05	1.9
N812265		523	148.5	<0.002	0.35	14.05	11.5	1	4.0	99.8	0.64	<0.05	13.6	0.268	1.96	3.6
N812266		254	106.5	<0.002	0.27	14.10	10.2	1	3.2	194.5	0.68	<0.05	10.9	0.260	1.56	2.2
N812267		27.4	96.4	<0.002	0.13	7.08	9.9	1	1.8	270	0.68	<0.05	10.2	0.246	1.30	3.6
N812268		22.6	93.8	<0.002	0.03	2.81	11.1	1	1.7	336	0.65	<0.05	11.8	0.261	1.03	1.9
N812269		17.8	92.0	<0.002	0.02	2.20	10.8	1	1.8	382	0.66	<0.05	11.9	0.258	0.95	2.9
N812270		2790	155.0	<0.002	4.86	94.3	7.9	2	8.8	93.0	0.48	0.42	9.7	0.178	2.21	5.2
N812271		74.8	97.2	<0.002	0.18	2.51	11.5	1	2.5	384	0.70	<0.05	12.0	0.272	1.05	4.2
N812272		528	107.0	<0.002	0.79	7.74	10.7	1	4.3	280	0.63	<0.05	11.0	0.255	1.52	3.5
N812273		2.6	2.4	<0.002	0.01	0.07	0.2	1	<0.2	50.7	<0.05	<0.05	<0.2	0.005	<0.02	0.7
N812274		25.5	94.0	<0.002	0.10	1.63	11.0	1	2.0	372	0.70	<0.05	12.3	0.268	1.04	3.1
N812275		23.2	85.1	<0.002	0.11	1.95	10.7	1	2.0	367	0.72	<0.05	11.9	0.265	1.01	3.9
N812276		35.9	107.0	<0.002	0.16	1.85	12.3	1	1.9	359	0.65	<0.05	11.9	0.297	1.18	3.3
N812277		476	127.5	<0.002	0.47	7.53	10.2	1	1.8	292	0.70	<0.05	12.2	0.242	1.45	3.2
N812278		1.8	3.1	<0.002	0.01	<0.05	0.6	1	<0.2	40.3	<0.05	<0.05	<0.2	0.005	<0.02	0.4
N812279		30.6	99.4	0.003	0.07	3.19	10.5	1	1.9	376	0.78	<0.05	12.4	0.263	1.13	2.8
N812280		615	129.0	0.002	2.11	14.10	9.8	1	4.0	161.5	0.80	0.12	11.2	0.251	2.03	12.4
N812281		33.6	102.0	<0.002	0.07	2.80	2.4	1	2.1	144.5	1.65	<0.05	8.4	0.124	1.42	8.2
N812282		26.7	124.0	<0.002	0.04	2.21	2.7	1	2.2	94.0	1.56	<0.05	9.4	0.132	1.59	3.6
N812283		28.0	121.0	<0.002	0.04	2.38	2.8	1	2.3	122.5	1.74	<0.05	9.2	0.136	1.64	4.8
N812284		195.5	111.5	<0.002	0.33	14.05	6.1	1	3.1	222	0.96	<0.05	10.4	0.249	1.89	8.0
N812285		144.5	83.2	<0.002	0.11	14.00	8.6	1	3.4	256	0.63	<0.05	8.0	0.303	1.34	5.1



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 Account: ROCKHA

Project: Klaza-94/97

**CERTIFICATE OF ANALYSIS WH12182360**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N812250		77	3.5	14.2	56	34.3
N812251		75	4.0	15.0	53	33.7
N812252		78	2.1	16.3	52	40.1
N812253		73	1.7	14.7	47	38.0
N812254		77	1.8	14.4	49	30.8
N812255		58	5.7	12.2	3030	44.9
N812256		81	1.3	14.7	57	31.8
N812257		74	1.5	12.7	61	29.3
N812258		74	1.3	13.3	53	27.7
N812259		75	1.4	13.1	53	30.4
N812260		74	1.3	13.3	53	29.2
N812261		67	2.0	12.5	67	28.7
N812262		75	0.8	16.8	47	36.6
N812263		80	1.8	17.2	120	25.4
N812264		68	2.2	20.4	156	22.4
N812265		74	3.5	16.9	867	25.6
N812266		72	3.4	15.3	480	26.5
N812267		66	1.7	14.2	88	24.2
N812268		73	2.1	16.4	67	25.3
N812269		72	2.6	16.5	56	26.6
N812270		55	5.5	10.2	5330	28.0
N812271		75	1.8	18.1	192	25.4
N812272		73	2.3	15.3	1370	21.4
N812273		2	0.1	0.9	17	1.1
N812274		75	2.1	17.6	88	21.4
N812275		75	2.3	16.4	76	20.2
N812276		88	2.5	17.7	124	20.7
N812277		66	3.0	15.5	766	19.7
N812278		4	0.1	0.9	14	<0.5
N812279		71	3.2	16.7	102	22.2
N812280		66	5.5	15.8	1660	38.8
N812281		14	2.7	15.3	101	56.2
N812282		14	1.3	16.1	96	51.6
N812283		15	1.7	17.6	84	59.4
N812284		49	2.8	14.8	409	130.0
N812285		74	1.6	15.6	241	96.9



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**CERTIFICATE OF ANALYSIS WH12182360**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12182361**

Project: Klaza-98/91

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
MATT TURNER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 24-AUG-2012  
Account: ROCKHA

Project: Klaza-98/91

**CERTIFICATE OF ANALYSIS WH12182361**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812366		8.03	<0.005	0.06	7.75	12.8	1770	1.40	0.21	2.09	0.21	52.5	9.9	9	17.10	8.4
N812367		7.61	<0.005	0.07	7.69	8.1	1900	1.60	0.21	3.06	0.44	45.3	10.2	11	11.85	10.9
N812368		7.46	<0.005	0.07	7.45	13.2	1890	1.44	0.23	2.84	0.14	44.8	7.4	14	12.80	6.2
N812369		4.47	0.006	0.36	6.87	40.1	1470	1.53	0.59	3.16	0.35	48.0	16.3	9	18.20	9.3
N812370		2.62	0.087	3.60	6.88	272	1380	1.34	0.20	3.35	2.36	50.3	7.3	8	12.90	18.7
N812371		1.54	0.009	0.45	7.42	138.5	990	1.41	0.17	3.32	0.75	59.4	7.1	8	14.60	3.2
N812372		1.57	0.082	0.83	6.25	375	1450	1.19	0.20	4.32	1.70	48.6	7.0	8	12.20	5.9
N812373		2.15	<0.005	0.16	7.30	42.7	1150	1.45	0.16	2.97	0.18	53.8	8.1	8	17.05	6.1
N812374		1.56	<0.005	0.10	7.10	6.5	1060	1.50	0.27	3.13	0.09	48.1	7.8	11	10.80	3.4
N812375		<0.02	<0.005	0.09	7.21	5.4	1040	1.39	0.27	3.19	0.10	49.8	7.8	12	10.80	3.2
N812376		2.13	<0.005	0.07	6.95	8.0	1760	1.46	0.26	3.40	0.11	43.7	7.6	9	10.95	3.1
N812377		3.96	<0.005	<0.01	0.08	<5	20	0.05	0.01	21.5	0.05	1.37	0.9	1	0.14	0.9
N812378		1.87	<0.005	0.07	6.98	3.4	1230	1.42	0.25	2.75	0.07	39.7	7.3	9	9.71	7.1
N812379		2.77	<0.005	0.06	7.04	3.2	1450	1.42	0.32	2.65	0.06	42.0	7.0	9	9.89	6.0
N812380		2.94	<0.005	0.07	6.95	4.1	1440	1.41	0.37	3.46	0.09	40.6	7.7	9	14.10	2.2
N812381		5.57	<0.005	0.06	7.50	1.8	1870	1.46	0.31	2.72	0.07	48.7	7.3	11	12.30	6.1
N812382		0.30	4.38	>100	5.57	8230	290	1.00	58.6	2.01	226	39.3	8.6	17	11.60	1280
N812383		2.84	<0.005	0.14	7.26	5.8	1640	1.48	0.32	2.81	0.29	46.1	7.6	9	10.95	4.4
N812384		3.79	<0.005	0.15	6.68	24.5	2530	1.33	0.23	3.32	0.18	43.0	7.9	8	12.60	6.6
N812385		1.89	<0.005	0.05	7.37	2.8	1990	1.46	0.19	2.86	0.08	44.0	7.6	12	14.55	3.5
N812386		2.42	<0.005	0.17	7.02	7.7	1710	1.36	0.38	2.99	0.14	40.6	7.5	9	14.10	5.9
N812387		2.59	0.007	0.08	6.58	17.6	3270	1.28	0.27	3.29	0.86	46.9	6.7	9	12.60	3.4
N812388		1.76	<0.005	0.02	7.54	6.8	1350	1.67	1.66	2.38	0.22	46.8	6.5	8	15.70	1.1
N812389		3.42	<0.005	<0.01	0.08	<5	70	<0.05	0.03	20.7	0.06	1.33	1.6	1	0.18	1.5
N812390		3.15	0.057	0.37	6.97	130.5	2190	1.46	1.02	2.76	0.35	38.0	8.4	9	18.50	3.9
N812391		4.49	<0.005	0.06	7.43	1.2	2000	1.42	0.06	2.80	0.05	43.0	9.1	12	12.45	5.5
N812392		5.03	<0.005	0.03	7.69	2.1	2120	1.41	0.07	2.68	0.06	43.3	9.0	13	13.70	5.3
N812393		2.40	<0.005	0.06	7.43	2.6	2160	1.29	0.08	2.78	0.06	39.1	8.7	11	13.40	4.5
N812394		1.63	<0.005	0.06	7.21	3.4	1830	1.44	0.07	3.27	0.09	37.0	8.4	10	15.25	6.8
N812395		5.10	<0.005	0.08	7.55	1.5	1860	1.43	0.10	2.92	0.07	41.0	9.4	12	11.55	7.8
N812396		5.15	<0.005	0.08	7.88	1.4	2060	1.49	0.10	2.77	0.07	42.6	9.5	14	12.65	7.7
N812397		0.30	2.18	24.6	6.04	3490	320	1.12	20.3	2.18	74.8	40.9	11.6	19	15.30	440
N812398		5.25	<0.005	0.09	7.79	3.2	2100	1.48	0.14	2.68	0.12	43.8	9.2	13	14.30	7.9
N812399		2.14	<0.005	0.08	7.75	1.7	2010	1.49	0.16	2.63	0.08	45.8	9.5	12	13.85	7.0
N812400		2.10	0.008	0.15	7.16	26.1	1800	1.55	0.54	3.37	0.14	35.1	6.8	10	13.05	2.2
N812401		3.62	<0.005	0.10	8.04	12.3	1650	1.71	1.17	4.03	0.19	35.4	7.1	10	24.4	4.7





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Finalized Date: 24-AUG-2012  
Account: ROCKHA

Project: Klaza-98/91

**CERTIFICATE OF ANALYSIS WH12182361**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812366		3.22	15.95	0.16	1.4	0.053	2.72	24.7	50.8	0.77	898	0.98	0.30	8.9	2.8	690
N812367		3.37	16.20	0.17	1.4	0.067	2.82	20.0	18.7	0.89	840	0.56	2.02	8.9	2.7	640
N812368		3.22	15.45	0.17	1.2	0.053	2.90	20.3	17.5	0.83	736	0.60	2.03	8.3	2.7	620
N812369		3.26	14.20	0.18	1.4	0.099	2.98	22.5	32.4	0.87	1510	0.13	0.83	7.9	2.5	570
N812370		3.08	13.25	0.18	1.2	0.046	2.93	25.2	19.3	0.77	2460	0.34	0.14	7.5	2.8	550
N812371		2.95	14.85	0.17	1.3	0.043	3.39	30.3	15.0	0.90	3220	0.18	0.04	8.0	2.5	600
N812372		3.37	12.55	0.16	1.0	0.062	2.54	25.1	29.8	0.71	3620	0.43	0.03	6.7	2.1	510
N812373		2.99	14.75	0.16	1.3	0.068	3.25	26.8	16.1	0.96	1700	0.40	0.03	8.2	2.5	570
N812374		3.09	14.75	0.17	1.2	0.047	2.75	21.9	17.0	0.88	1230	0.09	0.99	8.1	2.8	620
N812375		3.13	14.80	0.17	1.2	0.045	2.76	22.4	16.9	0.89	1240	0.07	1.00	8.3	2.6	630
N812376		3.09	14.60	0.16	1.3	0.044	2.50	19.0	21.3	0.93	1180	0.10	0.96	8.2	2.4	610
N812377		0.47	0.29	0.16	<0.1	<0.005	0.04	0.6	1.0	12.80	201	<0.05	0.01	0.2	1.8	190
N812378		3.03	14.60	0.16	1.3	0.040	2.48	17.4	18.0	0.54	767	0.12	1.49	7.9	2.3	600
N812379		2.84	14.15	0.16	1.3	0.040	2.57	18.9	16.4	0.55	746	0.10	1.81	8.0	2.1	590
N812380		3.05	14.75	0.15	1.3	0.041	2.33	17.8	29.5	0.83	900	0.33	1.74	8.2	2.6	580
N812381		3.11	15.20	0.16	1.4	0.044	2.71	22.6	13.0	0.78	736	0.72	2.14	8.2	2.4	600
N812382		8.33	12.45	0.21	1.1	5.33	2.35	18.7	28.5	0.64	3060	15.05	0.08	5.9	13.6	460
N812383		3.08	14.85	0.16	1.4	0.052	2.82	20.9	10.3	0.71	870	0.51	1.83	8.1	2.3	580
N812384		2.95	13.60	0.16	1.2	0.040	2.73	19.2	32.3	0.97	1500	0.18	0.75	7.5	2.3	560
N812385		3.15	14.75	0.17	1.3	0.040	2.67	20.4	10.9	0.74	785	0.31	2.17	8.0	2.5	590
N812386		3.13	14.05	0.16	1.3	0.048	2.80	18.6	16.0	0.81	1050	0.22	1.52	8.0	2.2	570
N812387		2.90	11.90	0.16	1.2	0.117	2.13	22.0	30.2	0.94	1660	0.13	1.55	7.3	2.0	550
N812388		3.10	16.50	0.18	1.2	0.056	2.16	21.5	31.6	0.60	954	0.06	1.81	8.2	2.1	610
N812389		0.45	0.36	0.14	<0.1	<0.005	0.03	0.7	1.0	12.35	197	0.16	0.01	0.3	3.6	230
N812390		2.93	16.75	0.19	1.2	0.059	2.39	19.7	18.4	0.71	1930	0.44	1.22	7.2	2.6	600
N812391		3.05	17.30	0.25	1.4	0.039	2.51	23.0	13.1	0.86	681	1.12	2.14	8.0	2.9	650
N812392		3.09	17.05	0.26	1.3	0.039	2.51	23.3	15.9	0.86	677	0.95	2.26	8.3	3.0	650
N812393		3.05	16.25	0.27	1.3	0.043	2.58	20.9	10.9	0.76	788	1.01	2.11	7.7	3.0	620
N812394		2.91	16.10	0.25	1.3	0.039	2.76	20.2	18.4	0.83	883	0.68	1.61	8.0	2.9	600
N812395		3.15	16.70	0.26	1.3	0.036	2.56	22.1	14.0	0.91	715	0.88	2.26	8.3	3.4	650
N812396		3.22	17.40	0.28	1.5	0.040	2.69	22.9	14.6	0.88	692	1.33	2.36	8.5	3.2	680
N812397		6.54	13.80	0.24	1.0	1.730	2.63	23.7	21.0	0.89	1930	14.00	0.04	5.9	14.6	470
N812398		3.07	16.85	0.26	1.4	0.038	2.55	23.6	16.6	0.85	680	8.31	2.38	8.4	3.3	640
N812399		3.14	17.35	0.26	1.5	0.038	2.50	24.6	16.6	0.88	704	1.05	2.40	8.7	3.2	660
N812400		2.60	16.35	0.24	1.4	0.050	1.89	18.0	17.9	0.72	1120	0.40	2.37	8.3	2.8	630
N812401		2.68	20.4	0.24	1.4	0.069	2.25	17.9	24.3	0.74	1200	0.42	2.10	8.8	2.9	720



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**CERTIFICATE OF ANALYSIS WH12182361**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812366		26.9	101.0	<0.002	0.08	15.60	12.3	1	1.9	152.0	0.83	<0.05	13.2	0.289	1.30	3.8
N812367		25.1	91.4	<0.002	0.07	2.76	11.4	1	1.9	387	0.83	<0.05	10.5	0.282	1.18	3.5
N812368		21.4	98.7	<0.002	0.07	2.79	11.1	1	1.8	392	0.69	<0.05	10.7	0.272	1.32	3.3
N812369		65.8	131.0	<0.002	0.33	6.60	10.8	1	1.7	231	0.78	<0.05	12.2	0.248	2.09	5.2
N812370		51.9	154.5	<0.002	0.47	15.60	11.2	1	1.5	75.7	0.66	<0.05	11.9	0.247	1.90	5.7
N812371		18.5	184.5	<0.002	0.59	9.57	11.6	1	1.6	62.1	0.71	<0.05	13.0	0.266	2.38	5.6
N812372		58.7	142.0	<0.002	1.17	15.90	9.7	1	1.4	102.0	0.60	<0.05	10.6	0.221	1.76	6.7
N812373		22.7	159.0	<0.002	0.20	8.23	11.1	1	1.7	59.6	0.85	<0.05	12.6	0.257	2.47	6.7
N812374		11.1	100.5	<0.002	0.10	2.90	11.3	1	1.7	118.5	0.67	<0.05	10.1	0.276	1.49	2.9
N812375		10.6	100.0	<0.002	0.10	2.90	11.3	1	1.7	120.0	0.68	<0.05	10.3	0.278	1.53	2.2
N812376		11.8	83.1	<0.002	0.13	3.07	10.7	1	1.7	128.5	0.72	<0.05	9.9	0.267	1.34	2.9
N812377		1.2	1.3	<0.002	0.01	<0.05	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812378		13.3	82.1	<0.002	0.03	2.40	10.1	1	1.7	166.0	0.68	<0.05	10.6	0.268	1.20	2.4
N812379		15.5	89.8	<0.002	0.04	2.38	10.4	1	1.6	219	0.71	<0.05	10.8	0.264	1.19	2.0
N812380		17.9	71.9	<0.002	0.02	3.03	10.1	1	1.7	281	0.75	<0.05	9.7	0.263	1.06	2.9
N812381		18.8	89.0	<0.002	<0.01	1.20	10.5	1	1.7	356	0.75	<0.05	11.7	0.265	0.96	2.1
N812382		9560	137.0	<0.002	7.34	217	7.0	3	9.2	126.5	0.49	0.54	8.7	0.188	1.98	5.2
N812383		21.5	96.5	<0.002	0.06	2.07	10.8	1	1.8	255	0.79	<0.05	11.5	0.257	1.18	3.4
N812384		14.0	94.1	<0.002	0.24	4.86	9.9	1	1.6	160.0	0.68	<0.05	9.8	0.248	1.51	4.0
N812385		18.3	83.0	<0.002	0.03	1.89	10.5	1	1.6	359	0.69	<0.05	10.8	0.264	0.95	2.4
N812386		18.4	90.0	<0.002	0.08	3.64	10.3	1	1.7	230	0.70	<0.05	10.1	0.264	1.33	3.1
N812387		19.5	93.4	<0.002	0.26	4.21	9.9	1	1.5	247	0.64	<0.05	11.3	0.242	1.20	4.0
N812388		27.9	83.1	<0.002	0.01	20.5	11.1	1	1.8	179.0	0.71	<0.05	11.4	0.278	1.26	2.0
N812389		1.4	1.3	<0.002	0.02	0.13	0.2	2	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	<0.02	1.1
N812390		29.7	99.7	<0.002	0.22	11.15	10.5	2	1.7	205	0.64	<0.05	10.4	0.250	1.63	3.8
N812391		17.6	89.2	<0.002	0.01	0.96	11.4	2	1.6	383	0.73	<0.05	11.3	0.269	0.90	3.5
N812392		15.7	90.2	<0.002	0.02	1.37	11.7	2	1.6	358	0.70	<0.05	11.8	0.271	0.92	2.7
N812393		20.5	91.0	<0.002	0.05	2.15	10.7	2	1.5	347	0.66	<0.05	10.7	0.260	1.12	3.6
N812394		14.0	98.5	<0.002	0.05	2.76	10.1	2	1.7	250	0.75	<0.05	10.3	0.259	1.30	3.8
N812395		16.5	82.5	<0.002	0.01	1.54	10.9	2	1.6	322	0.73	<0.05	10.8	0.273	0.95	2.5
N812396		18.2	95.3	<0.002	0.01	1.12	12.2	2	1.6	394	0.76	<0.05	12.6	0.285	0.94	4.2
N812397		2710	153.5	0.002	4.98	85.0	7.9	2	7.6	88.9	0.51	0.34	11.0	0.180	2.34	5.4
N812398		19.2	94.8	<0.002	0.01	1.59	11.8	2	1.8	401	0.76	<0.05	13.3	0.266	0.93	3.9
N812399		18.3	90.8	<0.002	0.01	1.45	12.1	2	1.8	397	0.79	<0.05	13.2	0.277	0.89	3.9
N812400		18.5	79.9	<0.002	0.19	4.91	10.7	2	1.8	267	0.88	<0.05	10.8	0.262	1.14	5.8
N812401		21.9	91.8	<0.002	0.09	9.67	11.6	2	2.4	283	0.77	<0.05	11.1	0.297	1.61	3.1



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To: ROCKHAVEN RESOURCES LTD.  
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 1016 - 510 W HASTINGS STREET  
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 Account: ROCKHA

Project: Klaza-98/91

**CERTIFICATE OF ANALYSIS WH12182361**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812366		82	5.6	18.1	61	34.5		
N812367		79	1.7	17.6	112	33.9		
N812368		77	2.2	16.3	55	30.0		
N812369		69	2.7	16.1	86	31.7		
N812370		65	28.0	15.1	282	28.4		
N812371		71	3.6	15.8	109	30.6		
N812372		60	2.3	14.6	155	24.9		
N812373		69	2.8	15.4	59	29.7		
N812374		70	2.7	12.4	73	28.9		
N812375		71	2.8	12.4	74	29.7		
N812376		74	2.2	13.2	69	30.6		
N812377		2	0.1	0.9	13	<0.5		
N812378		72	1.9	12.5	63	30.7		
N812379		70	1.7	12.1	73	32.0		
N812380		72	1.5	14.0	77	30.9		
N812381		73	1.8	15.8	59	33.1		
N812382		53	5.1	10.5	>10000	34.0	124	1.625
N812383		71	1.7	15.3	82	32.8		
N812384		68	1.5	13.6	68	28.3		
N812385		73	0.8	15.6	63	31.8		
N812386		72	1.2	14.4	84	29.7		
N812387		62	1.3	13.7	143	28.1		
N812388		85	1.9	15.4	133	31.3		
N812389		2	0.1	0.8	15	<0.5		
N812390		75	2.3	15.1	149	31.8		
N812391		76	1.6	17.2	52	34.0		
N812392		77	1.3	17.2	51	35.5		
N812393		73	1.7	13.9	57	35.5		
N812394		71	1.5	12.9	58	34.1		
N812395		76	1.3	14.6	54	34.6		
N812396		80	1.4	17.9	55	37.7		
N812397		56	5.3	10.3	5110	27.6		
N812398		75	1.4	18.1	58	36.6		
N812399		79	1.2	18.3	63	37.2		
N812400		72	2.0	14.3	79	35.6		
N812401		91	2.3	15.9	82	37.4		



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**CERTIFICATE OF ANALYSIS WH12182361**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12182388**

Project: Klaza - 96

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12182388**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813994		2.28	0.019	0.70	7.73	24.8	930	1.98	0.25	2.94	1.63	49.2	10.3	8	19.35	26.7
N813995		5.83	<0.005	0.32	7.73	15.6	1760	1.59	0.17	2.74	0.35	47.3	9.2	8	14.45	10.3
N813996		2.83	0.007	0.09	7.54	4.3	2000	1.52	0.07	2.63	0.09	42.8	9.1	9	12.80	8.4
N813997		0.23	4.59	>100	5.66	6880	510	1.05	56.0	2.02	241	31.9	10.3	17	12.10	1325
N813998		7.02	<0.005	0.18	7.74	6.0	2320	1.60	0.09	2.76	0.19	51.1	8.7	11	11.25	8.1
N813999		3.03	<0.005	0.22	7.80	4.3	2160	1.55	0.06	2.83	0.40	48.8	8.5	8	10.60	18.8
N814000		2.63	0.284	1.28	6.98	2030	1030	1.33	1.75	2.18	0.94	49.1	7.8	7	16.25	57.4
M355001		1.94	<0.005	0.02	0.17	8	30	0.12	0.02	20.6	0.06	1.33	1.5	1	0.56	2.7
M355002		3.14	<0.005	0.19	7.15	10.5	620	1.99	0.55	3.04	0.45	43.0	8.3	7	14.40	6.5
M355003		2.99	0.846	7.34	6.40	238	610	1.43	3.55	1.48	3.75	45.2	9.1	5	12.20	342
M355004		2.35	<0.005	0.03	0.11	6	30	0.09	0.02	21.3	0.07	1.20	1.5	<1	0.68	2.1
M355005		5.04	<0.005	0.10	7.78	3.9	1970	1.68	0.08	2.38	0.12	48.9	8.3	7	9.26	7.6
M355006		9.31	<0.005	0.09	7.57	3.6	2370	1.72	0.07	2.94	0.09	50.6	9.1	11	5.74	8.8
M355007		2.82	<0.005	0.17	7.47	13.8	2050	1.72	0.09	2.91	0.19	57.8	8.9	7	12.20	9.1
M355008		8.65	<0.005	0.09	7.37	3.2	2150	1.62	0.05	3.30	0.08	43.0	8.5	10	9.75	7.1
M355009		<0.02	<0.005	0.11	7.34	3.3	2130	1.60	0.06	3.28	0.07	42.2	8.3	7	9.91	7.1
M355010		5.12	<0.005	0.11	7.34	3.1	2010	1.51	0.05	2.95	0.12	40.5	8.3	8	8.54	7.3
M355011		1.91	0.007	0.48	7.52	34.3	1750	1.56	0.06	2.93	0.55	45.2	8.9	7	16.25	13.8
M355012		8.03	<0.005	0.08	7.04	3.4	2150	1.64	0.06	3.32	0.07	42.4	8.3	8	13.30	6.7
M355013		4.08	<0.005	0.09	7.38	2.9	2130	1.75	0.06	2.90	0.09	44.3	9.1	9	10.00	7.5
M355014		3.55	<0.005	0.08	6.80	5.9	1250	1.15	0.06	4.24	0.10	49.4	7.7	6	12.40	7.2
M355015		2.55	<0.005	0.20	6.09	20.8	860	1.28	0.08	2.25	0.33	45.5	6.6	5	23.6	5.5
M355016		0.23	4.59	>100	5.60	6560	1020	1.10	52.3	1.98	235	30.5	9.8	16	11.50	1280
M355017		7.52	<0.005	0.19	7.73	19.1	750	1.59	0.11	1.64	0.40	51.8	9.7	8	28.3	9.7
M355018		3.89	0.157	2.34	6.21	1440	340	1.34	0.15	2.02	16.50	46.2	9.3	7	15.25	110.0
M355019		2.92	0.046	2.24	7.10	202	510	1.27	0.25	1.47	2.51	49.8	6.3	8	10.00	152.5
M355020		5.09	1.055	7.16	6.57	3290	300	1.11	1.69	1.43	9.61	41.9	7.6	7	10.65	126.0
M355021		2.69	0.009	0.75	7.61	109.5	1290	1.48	0.16	2.40	4.62	42.7	6.8	10	13.65	22.7
M355022		1.22	0.012	1.16	7.51	146.0	1280	1.47	0.20	2.25	6.51	41.7	6.9	8	13.05	35.4
M355023		8.91	<0.005	0.12	7.67	18.5	2140	1.33	0.12	2.91	0.10	43.7	7.8	9	16.30	15.5
M355024		8.73	<0.005	0.15	7.65	32.5	1860	1.43	0.11	2.21	0.10	44.5	8.9	9	16.50	13.6
M355025		8.16	<0.005	0.07	8.51	10.5	1660	1.31	0.10	1.17	0.11	51.5	7.7	9	18.25	7.8
M355026		4.70	<0.005	0.13	7.32	8.7	1520	1.48	0.37	2.16	0.29	42.9	7.5	8	15.05	4.7
M355027		3.76	<0.005	0.05	7.08	7.2	2070	1.36	0.16	3.45	0.13	48.0	8.2	7	17.60	2.3
M355028		2.84	<0.005	0.21	7.65	8.0	960	1.52	0.64	1.58	0.27	43.2	6.7	8	13.50	4.2
M355029		2.78	0.032	1.35	7.62	251	970	1.45	0.44	1.96	1.51	47.0	9.7	10	13.30	225



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Project: Klaza - 96

**CERTIFICATE OF ANALYSIS WH12182388**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813994		3.83	16.60	0.18	1.0	0.111	2.75	26.0	284	1.07	2900	1.63	0.06	7.4	3.3	720
N813995		3.41	17.00	0.17	1.2	0.054	2.96	23.7	24.4	0.86	1640	1.94	1.14	8.1	2.7	710
N813996		3.25	16.75	0.17	1.1	0.039	2.65	21.2	21.3	0.86	709	0.77	1.53	8.3	2.7	650
N813997		8.54	13.70	0.24	1.0	4.91	2.43	16.4	33.1	0.64	3250	17.20	0.09	5.6	13.9	470
N813998		3.13	16.30	0.19	1.1	0.037	2.77	27.6	21.9	0.86	701	0.87	2.06	7.5	2.3	630
N813999		3.11	16.50	0.18	1.0	0.036	2.68	26.7	17.5	0.86	738	0.84	2.02	7.7	2.3	630
N814000		4.02	14.95	0.18	0.9	0.094	1.83	28.2	277	0.74	1180	0.89	0.05	6.5	2.1	560
M355001		0.48	0.46	0.05	<0.1	<0.005	0.06	0.7	2.3	12.60	230	0.11	0.01	0.4	0.5	230
M355002		3.35	16.85	0.14	1.0	0.049	2.18	22.3	322	0.97	1660	0.92	0.04	7.4	2.1	620
M355003		5.16	15.60	0.20	0.9	0.212	2.49	25.4	108.5	0.63	6140	1.57	0.03	6.1	2.1	520
M355004		0.50	0.37	0.05	<0.1	<0.005	0.06	0.6	2.1	12.85	243	0.16	0.01	0.3	<0.2	170
M355005		3.01	17.25	0.17	1.1	0.038	2.66	25.6	45.1	0.83	792	0.73	1.49	7.5	2.0	640
M355006		3.17	17.75	0.15	0.9	0.040	2.50	25.9	23.5	0.91	747	0.86	2.27	7.7	2.3	670
M355007		3.24	17.10	0.18	0.9	0.063	2.93	31.7	36.8	0.85	1580	0.64	1.20	7.4	2.1	630
M355008		3.13	16.65	0.16	1.0	0.035	2.49	21.3	23.5	0.88	722	0.92	1.82	7.3	2.2	640
M355009		3.09	15.85	0.15	0.9	0.035	2.44	22.3	22.6	0.87	710	0.98	1.81	7.1	2.2	630
M355010		3.00	16.35	0.17	1.0	0.038	2.53	20.3	17.3	0.77	719	0.82	1.99	7.4	2.2	620
M355011		3.06	16.65	0.18	1.0	0.060	2.86	22.2	30.1	0.66	1680	0.85	0.99	7.4	2.2	660
M355012		3.01	15.95	0.17	1.0	0.034	2.57	21.3	26.5	0.84	778	0.78	1.70	7.2	2.2	630
M355013		3.25	16.90	0.19	1.0	0.040	2.63	22.2	24.8	0.87	734	0.97	2.23	7.9	2.4	680
M355014		2.65	14.35	0.15	0.9	0.032	1.91	26.7	56.0	0.58	786	0.51	0.07	6.8	1.9	580
M355015		2.40	13.25	0.16	0.7	0.040	2.23	25.8	45.8	0.75	1600	1.13	0.06	5.4	1.9	500
M355016		8.32	13.10	0.24	0.9	4.67	2.37	16.4	33.2	0.63	3160	16.05	0.08	5.4	13.2	470
M355017		3.16	17.45	0.16	1.0	0.043	1.89	26.0	111.0	0.64	1520	2.86	0.03	8.1	3.1	700
M355018		3.77	14.90	0.15	0.7	0.286	2.60	28.4	21.0	0.76	3750	3.57	0.02	5.8	4.0	500
M355019		4.85	16.15	0.16	0.8	0.199	3.22	30.0	9.0	0.83	6660	1.68	0.03	6.1	2.5	590
M355020		5.47	16.20	0.14	0.7	0.295	2.86	23.9	18.9	0.54	4650	8.12	0.03	6.2	3.1	560
M355021		3.88	17.70	0.17	0.8	0.210	2.90	23.4	85.5	0.87	2650	0.84	0.41	7.0	2.5	660
M355022		3.97	17.45	0.17	0.8	0.288	2.78	23.0	97.2	0.80	2540	0.86	0.34	7.0	2.4	660
M355023		3.19	16.90	0.18	0.9	0.049	2.74	22.5	17.2	0.74	929	1.00	1.24	6.9	2.7	670
M355024		3.15	17.65	0.18	0.9	0.042	2.47	21.9	25.2	0.69	846	0.86	1.21	7.3	3.1	690
M355025		3.18	18.15	0.18	0.9	0.047	2.45	29.5	35.9	0.47	920	1.02	0.08	7.8	2.7	730
M355026		3.11	15.65	0.15	0.9	0.043	2.67	22.3	40.6	0.83	1540	0.67	0.04	6.5	2.7	640
M355027		3.04	16.25	0.18	0.9	0.065	2.74	28.7	49.0	1.10	1440	0.52	0.04	6.4	2.6	570
M355028		3.08	16.75	0.17	1.0	0.056	2.81	21.8	32.5	0.71	1420	0.81	0.05	7.3	2.3	670
M355029		5.06	16.65	0.18	1.0	0.155	3.43	28.8	53.7	0.93	2880	1.26	0.03	6.9	2.9	640



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**CERTIFICATE OF ANALYSIS WH12182388**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N813994		96.3	145.5	<0.002	0.33	22.2	11.8	2	1.7	172.5	0.65	<0.05	13.6	0.279	4.9
N813995		58.9	128.5	<0.002	0.19	8.79	11.4	2	2.7	302	0.74	<0.05	13.5	0.287	4.4
N813996		18.1	93.1	<0.002	0.01	5.58	11.3	2	1.6	377	0.72	<0.05	12.5	0.287	3.7
N813997		9870	136.5	0.002	7.72	232	7.5	4	8.5	128.5	0.45	0.52	10.0	0.191	5.8
N813998		23.1	103.5	<0.002	0.03	4.28	11.1	2	1.5	432	0.70	<0.05	15.1	0.270	4.5
N813999		42.2	100.5	<0.002	0.02	2.08	11.0	2	1.5	420	0.69	<0.05	14.6	0.272	4.3
N814000		71.5	107.0	<0.002	1.57	45.9	10.4	2	3.4	170.0	0.58	<0.05	13.2	0.236	5.0
M355001		1.6	3.7	<0.002	0.01	0.10	0.5	2	<0.2	42.0	<0.05	<0.05	<0.2	0.006	0.4
M355002		14.0	88.9	<0.002	0.11	20.5	11.7	2	1.5	168.5	0.68	<0.05	11.7	0.258	3.2
M355003		448	160.5	<0.002	3.04	130.0	10.1	1	8.6	104.5	0.55	<0.05	14.0	0.218	7.8
M355004		2.1	4.0	<0.002	0.01	0.21	0.6	2	<0.2	41.7	<0.05	<0.05	<0.2	<0.005	0.6
M355005		19.2	105.5	<0.002	0.02	4.92	12.2	2	1.5	324	0.70	<0.05	14.1	0.273	3.6
M355006		18.0	80.4	<0.002	0.01	1.63	11.6	2	1.5	447	0.63	<0.05	11.7	0.280	3.4
M355007		20.3	138.0	<0.002	0.19	7.16	11.8	2	1.5	293	0.61	<0.05	13.8	0.265	3.7
M355008		16.9	81.3	<0.002	0.01	8.53	10.7	2	1.4	469	0.64	<0.05	11.5	0.272	3.2
M355009		16.7	82.3	<0.002	0.01	8.69	10.3	2	1.4	474	0.61	<0.05	11.8	0.268	3.5
M355010		20.9	82.9	<0.002	0.01	4.74	10.5	2	1.5	414	0.65	<0.05	11.5	0.269	3.5
M355011		70.1	109.5	<0.002	0.20	11.65	10.6	2	1.7	306	0.67	<0.05	11.8	0.277	3.7
M355012		15.9	77.5	<0.002	0.01	8.76	10.0	2	1.5	396	0.66	<0.05	10.9	0.263	3.5
M355013		16.9	79.1	<0.002	0.01	2.18	11.0	2	1.6	437	0.68	<0.05	11.8	0.284	3.8
M355014		17.1	68.4	<0.002	0.02	38.6	9.8	2	1.4	177.5	0.62	<0.05	11.7	0.248	3.6
M355015		21.0	113.5	<0.002	0.22	42.6	8.9	2	1.3	173.5	0.49	<0.05	10.7	0.208	7.6
M355016		9640	132.5	<0.002	7.54	225	7.2	4	8.4	124.5	0.42	0.51	9.1	0.185	5.4
M355017		20.5	82.9	<0.002	0.13	38.5	12.4	1	1.7	138.0	0.69	<0.05	12.6	0.301	2.9
M355018		166.0	186.0	<0.002	1.77	79.0	10.1	1	2.7	85.2	0.45	<0.05	11.7	0.220	9.5
M355019		171.0	229	<0.002	1.44	80.4	10.0	<1	3.4	54.1	0.53	<0.05	12.4	0.237	5.9
M355020		1475	194.0	<0.002	4.21	137.0	9.8	<1	5.7	63.5	0.46	<0.05	11.2	0.231	9.9
M355021		229	141.5	<0.002	0.55	12.95	10.6	1	3.2	215	0.55	<0.05	11.0	0.269	5.0
M355022		381	128.0	<0.002	0.86	14.90	10.5	1	3.4	210	0.55	<0.05	10.8	0.263	5.3
M355023		19.7	112.5	<0.002	0.04	6.61	10.7	1	1.8	315	0.59	<0.05	11.8	0.270	3.8
M355024		16.7	103.5	<0.002	0.03	13.05	11.3	1	1.9	296	0.60	<0.05	10.9	0.276	3.1
M355025		15.8	115.0	<0.002	0.03	26.5	12.2	1	2.0	111.0	0.66	<0.05	15.0	0.295	3.5
M355026		21.0	123.5	<0.002	0.10	19.05	10.3	1	1.9	79.5	0.57	<0.05	12.0	0.260	3.2
M355027		6.7	164.0	<0.002	0.22	17.05	10.2	1	1.6	126.5	0.52	<0.05	12.5	0.239	3.6
M355028		16.0	131.0	<0.002	0.09	18.25	10.0	1	1.8	84.4	0.64	<0.05	12.5	0.272	3.4
M355029		71.9	229	<0.002	0.94	26.7	11.2	1	3.0	73.3	0.60	<0.05	15.0	0.264	4.6





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**CERTIFICATE OF ANALYSIS WH12182388**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N813994		83	5.1	16.1	256	24.7		
N813995		84	3.9	15.1	92	29.2		
N813996		83	2.4	13.9	57	28.7		
N813997		56	4.7	9.5	>10000	33.2	121	1.600
N813998		77	1.7	16.0	62	28.3		
N813999		77	1.8	15.9	88	26.5		
N814000		70	5.4	13.7	130	23.2		
M355001		3	0.1	1.0	13	<0.5		
M355002		80	5.1	16.2	101	26.9		
M355003		66	9.7	11.4	411	22.9		
M355004		3	0.1	0.9	15	<0.5		
M355005		78	4.3	16.7	58	27.7		
M355006		79	1.1	15.5	56	23.7		
M355007		76	1.5	15.5	66	23.0		
M355008		76	1.6	14.1	53	23.5		
M355009		75	1.8	13.7	53	23.9		
M355010		76	2.3	14.5	58	25.1		
M355011		79	3.4	15.2	113	26.0		
M355012		75	2.3	14.7	53	25.9		
M355013		84	1.1	15.4	55	26.0		
M355014		69	11.3	15.6	46	22.2		
M355015		64	3.9	11.4	74	15.9		
M355016		55	4.5	9.4	>10000	31.6	121	1.610
M355017		84	5.5	13.7	89	23.4		
M355018		70	5.8	10.4	1990	16.3		
M355019		73	7.6	10.2	371	14.8		
M355020		73	8.5	10.1	1210	15.0		
M355021		80	3.0	13.3	603	16.5		
M355022		76	3.4	12.0	835	16.0		
M355023		79	2.0	14.0	63	17.1		
M355024		84	2.9	14.6	62	17.8		
M355025		85	5.0	16.1	65	19.1		
M355026		81	2.1	11.2	106	15.8		
M355027		69	2.8	11.7	66	18.2		
M355028		79	3.3	11.8	79	18.6		
M355029		78	4.9	12.9	188	19.0		



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**CERTIFICATE OF ANALYSIS WH12182388**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12182389**

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P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12182389**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
M355030		2.96	0.041		2.60	7.15	525	740	1.51	0.11	2.07	1.49	46.4	7.5	8	13.55
M355031		9.61	<0.005		0.40	7.93	42.3	1800	1.34	0.11	1.95	0.18	45.5	7.6	13	15.90
M355032		3.99	<0.005		0.10	8.15	4.3	2210	1.63	0.12	2.90	0.08	51.0	8.9	11	12.50
M355033		1.91	<0.005		0.07	8.04	2.9	2140	1.44	0.10	2.78	0.07	43.8	8.4	11	12.90
M355034		3.24	0.021		0.64	7.91	333	1970	1.10	0.09	2.27	0.11	48.5	9.4	13	21.1
M355035		2.70	0.232		2.21	7.22	1100	1290	1.29	0.10	2.21	4.15	44.5	7.9	11	15.70
M355036		3.96	<0.005		0.12	7.34	5.5	2030	1.48	0.09	2.94	0.08	39.1	7.9	11	13.70
M355037		2.82	<0.005		0.07	7.48	6.4	1880	1.38	0.13	3.01	0.06	37.8	8.2	8	11.95
M355038		7.18	<0.005		0.08	7.47	4.4	2110	1.43	0.12	3.02	0.12	43.7	8.4	11	10.75
M355039		3.67	0.005		0.16	7.48	73.6	1930	1.45	0.13	2.82	0.14	40.3	8.7	10	14.55
M355040		4.57	<0.005		0.14	7.45	12.9	1930	1.43	0.17	2.02	0.12	38.9	8.3	11	14.80
M355041		<0.02	<0.005		0.15	7.60	17.5	1960	1.47	0.18	2.05	0.13	42.5	8.9	10	15.65
M355042		7.73	<0.005		0.16	7.86	3.8	2090	1.64	0.84	3.08	0.09	44.0	8.5	10	14.30
M355043		3.91	<0.005		0.15	7.45	25.1	1830	1.08	0.15	2.07	0.12	37.1	7.9	10	19.95
M355044		2.79	0.029		0.86	6.91	259	2140	1.57	0.22	2.93	1.38	38.9	6.8	7	18.70
M355045		2.45	<0.005		0.14	8.06	12.3	2020	1.22	0.19	1.68	0.13	49.2	7.9	10	14.15
M355046		6.48	<0.005		0.13	8.02	11.2	2100	1.36	0.14	2.64	0.08	47.7	8.9	17	14.05
M355047		8.82	<0.005		0.06	7.10	3.1	1930	1.37	0.09	2.52	0.07	45.0	7.2	10	13.00
M355048		8.48	<0.005		0.15	7.87	5.6	1970	1.20	0.09	1.69	0.41	50.1	7.4	11	13.95
M355049		3.16	<0.005		0.10	7.38	7.4	1820	1.27	0.09	2.14	0.07	45.0	7.8	11	14.25
M355050		0.26	4.66		>100	5.40	8170	1170	1.04	58.0	1.95	221	35.9	8.7	17	10.95
M355051		6.75	<0.005		0.90	8.46	29.5	2100	1.14	0.49	1.54	1.37	57.1	8.2	14	14.65
M355052		2.51	0.269		5.46	7.02	863	480	1.02	4.10	0.35	21.5	42.2	6.2	10	7.61
M355053		7.19	>10.0	25.1	>100	3.02	>10000	290	0.51	161.0	1.23	517	15.80	10.6	8	4.70
M355054		4.55	<0.005		0.52	0.06	50	50	<0.05	0.15	21.3	0.49	1.17	0.8	1	0.12
M355055		2.95	0.315		5.79	7.70	1265	670	1.51	1.30	2.05	12.10	66.1	8.4	17	22.1
M355056		4.75	0.026		3.10	7.95	151.0	910	1.41	0.25	3.68	7.32	49.6	7.4	9	19.35
M355057		3.98	0.043		0.82	7.72	298	800	1.35	0.16	2.57	4.22	47.9	7.0	9	24.2
M355058		2.74	0.305		1.70	7.37	1815	2230	1.35	0.20	3.78	6.40	52.2	7.1	8	24.0
M355059		5.04	0.136		3.26	7.63	439	910	1.38	2.53	1.52	10.00	63.4	10.1	11	19.20
M355060		0.26	4.56		>100	5.53	8410	1240	1.01	59.7	2.00	227	35.1	8.9	17	10.50
M355061		2.54	0.046		1.05	7.73	109.0	960	1.43	1.71	1.60	1.62	64.7	9.7	19	21.8
M355062		5.23	0.091		3.91	7.40	346	980	1.24	6.28	1.02	10.05	51.8	19.1	8	14.05
M355063		7.63	>10.0	10.55	92.7	3.96	>10000	460	0.69	46.1	0.74	176.5	21.9	15.9	7	6.09
M355064		4.05	<0.005		0.11	0.07	48	60	0.05	0.08	21.9	0.21	1.24	1.0	1	0.15
M355065		3.53	0.073		3.56	7.49	227	770	1.44	2.26	0.49	18.35	49.5	16.2	9	10.80



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**CERTIFICATE OF ANALYSIS WH12182389**

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M355030		312	3.56	14.65	0.11	0.9	0.108	3.24	25.3	31.9	0.82	2450	1.08	0.05	6.1	3.2
M355031		30.6	3.12	16.15	0.13	1.0	0.045	2.97	22.3	27.1	0.67	1200	0.77	0.60	6.9	2.9
M355032		12.5	3.39	16.50	0.18	1.0	0.051	2.78	26.6	16.0	0.92	760	1.44	1.98	7.3	3.5
M355033		9.6	3.30	15.70	0.12	1.1	0.037	2.68	21.9	14.4	0.92	740	0.85	2.03	7.1	3.1
M355034		7.6	3.32	16.45	0.14	1.1	0.048	2.96	23.8	35.5	0.85	1140	1.48	0.12	7.3	3.8
M355035		52.7	3.65	15.05	0.12	0.9	0.064	2.62	23.3	35.4	0.78	3160	2.47	0.07	6.6	2.9
M355036		7.5	3.10	15.90	0.11	1.0	0.035	2.61	18.1	14.0	0.71	791	3.57	1.76	7.0	2.9
M355037		6.4	3.10	15.90	0.12	1.1	0.040	2.82	18.0	20.2	0.77	866	0.91	1.04	7.2	2.8
M355038		7.1	3.18	16.00	0.10	1.0	0.037	2.62	20.5	18.4	0.87	774	0.92	1.86	7.1	3.2
M355039		11.2	3.30	16.30	0.11	0.9	0.056	2.76	18.8	23.5	0.83	1160	1.64	1.39	7.4	2.9
M355040		7.9	3.36	16.00	0.14	1.0	0.043	2.55	18.8	22.8	0.49	1180	0.72	0.46	7.4	2.9
M355041		9.2	3.39	17.50	0.16	1.1	0.041	2.63	20.6	24.2	0.50	1200	1.01	0.47	7.9	3.1
M355042		8.6	3.35	16.40	0.14	1.0	0.038	2.72	21.4	14.7	0.79	826	1.01	1.90	7.2	3.0
M355043		7.1	3.08	16.35	0.15	1.2	0.039	2.35	17.8	36.6	0.57	1060	0.78	0.11	7.4	2.9
M355044		14.1	2.96	14.00	0.14	0.9	0.045	3.09	20.0	23.6	0.92	3030	1.00	0.05	6.0	2.6
M355045		22.2	3.17	17.60	0.12	1.1	0.046	2.87	25.5	34.3	0.62	827	1.70	0.32	8.2	2.6
M355046		21.3	3.34	16.55	0.13	1.1	0.042	2.67	23.2	18.1	0.89	866	1.22	1.54	7.5	3.5
M355047		8.1	2.75	14.45	0.11	0.8	0.033	2.30	23.3	13.6	0.77	623	0.82	1.91	6.4	2.6
M355048		18.4	3.08	17.40	0.12	1.1	0.042	2.89	26.5	28.3	0.68	657	1.10	0.76	9.0	2.6
M355049		21.1	3.36	16.15	0.12	1.0	0.038	2.88	22.6	22.0	0.68	889	1.01	0.89	8.2	2.5
M355050		1295	8.23	13.15	0.15	1.1	4.58	2.28	19.1	32.2	0.62	2980	15.75	0.08	5.8	13.6
M355051		73.7	3.82	17.15	0.14	1.1	0.079	3.26	30.3	36.6	0.81	1460	1.42	0.13	9.2	3.0
M355052		138.0	5.74	16.30	0.15	1.0	0.705	3.35	22.6	7.4	0.37	5570	2.96	0.02	7.8	2.7
M355053		2010	14.70	8.60	0.17	0.5	4.57	1.33	6.2	14.7	0.50	7500	17.35	0.01	3.1	2.3
M355054		4.1	0.51	0.22	<0.05	<0.1	0.009	0.02	0.6	1.3	12.60	231	0.13	<0.01	0.3	<0.2
M355055		27.3	4.33	17.55	0.15	2.4	0.155	2.99	36.0	48.9	0.87	4030	1.90	0.03	9.4	6.6
M355056		42.9	3.83	16.05	0.13	1.0	0.066	3.11	26.6	52.2	1.19	4570	2.19	0.04	7.9	2.8
M355057		7.2	3.30	15.45	0.13	1.1	0.046	2.55	25.0	75.2	0.83	2680	1.15	0.03	8.3	2.4
M355058		12.9	3.58	15.25	0.14	1.1	0.068	2.94	29.2	25.0	1.27	5500	3.14	0.03	8.1	2.6
M355059		34.5	5.72	16.35	0.16	1.1	0.198	3.38	34.1	22.7	0.63	4390	1.82	0.03	8.5	3.1
M355060		1320	8.43	13.10	0.16	1.1	4.43	2.33	18.6	31.7	0.64	3060	15.30	0.08	5.6	13.5
M355061		16.7	4.65	17.40	0.16	2.6	0.160	2.97	34.8	106.5	0.94	2540	1.03	0.05	9.6	7.2
M355062		19.5	5.53	17.75	0.15	0.9	0.109	3.40	28.1	9.4	0.62	3730	2.42	0.03	7.4	5.1
M355063		1950	11.10	11.95	0.17	0.6	1.390	1.81	11.4	8.7	0.30	1610	34.1	0.03	3.5	3.1
M355064		3.1	0.52	0.22	<0.05	<0.1	0.006	0.03	0.6	1.1	13.10	230	0.16	<0.01	0.3	<0.2
M355065		14.3	4.11	16.50	0.14	1.1	0.183	3.61	26.2	5.9	0.39	1440	5.49	0.04	7.6	3.2



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**CERTIFICATE OF ANALYSIS WH12182389**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.2	% 0.005
M355030		530	78.0	213	0.002	0.76	98.0	10.4	1	2.6	93.0	0.49	<0.05	12.6	0.239
M355031		610	14.9	126.0	0.002	0.09	19.30	11.3	1	1.6	182.0	0.60	<0.05	11.4	0.281
M355032		690	15.3	111.0	0.006	0.01	3.10	12.2	1	1.7	395	0.66	<0.05	13.6	0.297
M355033		680	14.5	102.5	0.005	0.01	2.81	11.7	1	1.6	400	0.66	<0.05	12.0	0.300
M355034		730	14.7	108.0	0.004	0.17	18.90	12.7	1	1.8	161.0	0.63	<0.05	12.4	0.312
M355035		550	113.5	122.0	0.004	0.94	50.9	11.3	1	2.0	112.0	0.59	<0.05	11.7	0.249
M355036		620	14.9	88.3	0.003	0.01	4.10	10.0	1	1.4	369	0.61	<0.05	10.1	0.275
M355037		630	14.3	95.2	0.003	0.02	6.61	10.0	1	1.5	267	0.66	<0.05	11.5	0.278
M355038		620	14.9	89.6	0.002	0.02	2.15	10.7	1	1.5	389	0.65	<0.05	11.4	0.278
M355039		660	18.4	95.0	0.004	0.09	9.07	10.7	1	1.7	303	0.65	<0.05	10.2	0.293
M355040		660	12.6	96.1	0.005	0.03	22.0	10.7	1	1.6	148.5	0.67	<0.05	10.6	0.287
M355041		680	13.5	102.0	0.004	0.04	23.9	11.4	1	1.8	152.5	0.70	<0.05	11.2	0.299
M355042		650	17.7	101.5	0.004	0.04	4.44	11.2	1	1.6	385	0.64	<0.05	12.3	0.285
M355043		640	12.8	81.8	0.004	0.07	22.6	10.9	1	1.7	147.5	0.67	<0.05	10.4	0.298
M355044		560	72.5	131.0	0.004	0.41	18.90	9.3	1	1.4	115.0	0.57	<0.05	10.5	0.243
M355045		660	14.4	112.5	0.005	0.03	14.80	12.0	1	1.8	157.5	0.69	<0.05	12.9	0.299
M355046		720	14.9	100.0	0.003	0.03	9.00	12.1	1	1.8	337	0.64	<0.05	12.3	0.301
M355047		570	12.8	96.6	0.005	0.01	1.78	10.2	1	1.4	381	0.56	<0.05	11.3	0.246
M355048		690	23.6	122.0	<0.002	0.04	13.65	12.2	1	1.8	255	0.67	<0.05	14.2	0.290
M355049		630	13.5	113.0	<0.002	0.05	16.55	12.0	1	1.8	191.5	0.65	<0.05	11.8	0.265
M355050		450	9110	145.0	<0.002	7.28	217	7.2	2	8.7	130.0	0.42	0.49	9.2	0.179
M355051		760	58.8	157.5	<0.002	0.12	20.6	13.0	1	2.0	149.5	0.69	<0.05	16.1	0.299
M355052		580	545	216	<0.002	3.53	35.3	10.7	1	4.8	28.4	0.64	0.06	13.8	0.247
M355053		250	>10000	90.2	<0.002	>10.0	1100	4.4	4	14.1	51.1	0.24	2.20	4.2	0.106
M355054		170	161.0	1.3	<0.002	0.03	1.14	0.2	1	<0.2	54.2	<0.05	<0.05	<0.2	<0.005
M355055		1040	456	192.5	<0.002	1.95	33.7	10.6	1	3.7	229	0.66	<0.05	12.8	0.322
M355056		650	372	162.5	<0.002	0.43	21.5	11.8	1	2.0	185.5	0.59	<0.05	12.7	0.277
M355057		650	178.0	108.5	<0.002	0.40	14.80	11.3	1	1.9	225	0.65	<0.05	12.7	0.272
M355058		600	279	178.5	<0.002	1.44	35.3	10.8	1	2.4	202	0.64	<0.05	13.9	0.250
M355059		790	384	186.5	<0.002	3.04	25.2	15.0	1	5.5	105.5	0.57	<0.05	14.5	0.308
M355060		460	9380	140.0	<0.002	7.46	221	7.3	2	8.4	129.0	0.43	0.45	8.9	0.184
M355061		1130	134.0	157.0	<0.002	0.78	23.0	10.2	1	2.7	273	0.65	<0.05	12.3	0.322
M355062		600	943	206	<0.002	3.12	46.4	11.9	1	3.6	83.3	0.52	0.09	13.6	0.244
M355063		250	>10000	105.5	<0.002	9.99	608	5.7	2	11.3	49.4	0.26	0.44	5.8	0.115
M355064		170	16.0	1.3	<0.002	0.03	0.62	0.2	1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005
M355065		650	1460	198.5	<0.002	2.51	26.4	12.4	1	4.0	46.9	0.60	0.07	15.5	0.271



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**CERTIFICATE OF ANALYSIS WH12182389**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M355030		4.9	69	3.2	12.1	203	19.1			
M355031		3.2	80	3.1	13.3	67	20.3			
M355032		4.6	85	3.1	16.6	55	22.3			
M355033		3.6	87	1.5	15.2	55	21.7			
M355034		3.6	95	9.7	14.0	62	22.3			
M355035		4.1	79	4.0	14.4	353	18.0			
M355036		3.4	77	1.6	13.3	53	21.0			
M355037		3.6	77	1.7	12.9	54	20.4			
M355038		3.7	78	1.8	15.2	54	21.2			
M355039		3.0	83	2.4	14.1	62	20.0			
M355040		2.4	80	4.6	13.6	67	21.3			
M355041		2.3	84	4.9	14.5	67	21.3			
M355042		3.5	80	1.6	14.8	57	21.9			
M355043		2.6	87	5.4	13.6	58	23.0			
M355044		3.6	70	3.8	12.7	139	18.2			
M355045		3.0	82	4.1	15.4	49	22.3			
M355046		3.9	86	4.1	15.4	55	22.4			
M355047		3.4	68	1.5	14.5	43	17.4			
M355048		3.6	83	3.6	16.1	88	24.7			
M355049		3.3	82	2.7	14.3	58	20.8			
M355050		5.5	51	4.2	10.1	>10000	34.4	119		1.600
M355051		6.1	89	6.1	18.7	193	24.7			
M355052		7.1	73	7.4	9.9	2480	21.4			
M355053		3.6	32	4.1	6.3	>10000	13.0	621	1.750	4.35
M355054		0.6	2	0.1	0.9	51	0.8			
M355055		4.8	78	4.4	13.1	1050	85.4			
M355056		5.0	81	5.7	16.7	573	20.4			
M355057		4.2	77	3.5	15.5	356	23.4			
M355058		5.9	71	4.6	15.0	522	24.1			
M355059		4.5	99	5.9	11.8	952	24.0			
M355060		5.6	53	4.1	9.8	>10000	33.2	118		1.610
M355061		4.2	79	5.0	11.8	218	100.0			
M355062		6.7	91	8.4	9.0	1170	24.4			
M355063		3.9	52	6.0	6.4	>10000	13.5		1.830	1.895
M355064		0.8	2	0.1	0.8	38	<0.5			
M355065		10.9	80	6.5	7.2	2250	25.0			



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**CERTIFICATE OF ANALYSIS WH12182389**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12183290**

Project: Klaza-96

P.O. No.: Batch 6

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
MATT TURNER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12183290**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355066		4.12	0.036	1.76	7.62	124.0	1600	1.33	2.01	0.34	6.11	49.1	9.5	10	15.15	17.4
M355067		3.71	0.056	1.68	7.61	122.5	940	1.50	1.97	0.21	4.15	37.3	9.7	10	12.45	28.5
M355068		0.26	2.33	25.4	6.05	2990	1450	1.31	18.45	2.14	78.7	44.3	10.4	18	14.30	430
M355069		7.40	0.239	5.41	7.39	726	440	1.31	7.71	0.26	17.80	47.7	18.3	13	10.90	40.7
M355070		4.09	0.005	0.17	0.12	6	30	0.05	0.04	20.7	0.11	1.26	0.6	1	0.17	1.8
M355071		3.08	0.088	2.92	7.44	155.5	360	1.47	2.97	0.30	11.05	45.1	13.9	10	14.45	26.8
M355072		2.93	0.028	1.51	8.28	93.7	2410	1.74	1.26	1.33	6.85	69.1	7.0	12	27.6	12.1
M355073		2.89	0.085	4.68	7.43	151.0	510	1.47	3.29	0.35	47.1	43.7	11.5	10	13.35	49.9
M355074		4.19	<0.005	0.15	0.10	<5	30	0.08	0.03	20.7	0.10	1.23	0.6	1	0.21	1.4
M355075		4.31	0.067	2.06	7.23	97.7	1270	1.41	3.19	0.36	4.99	50.2	9.7	9	15.05	6.5
M355076		6.03	0.043	2.15	6.80	106.0	1200	1.27	3.46	0.94	4.54	46.7	12.1	10	14.75	12.6
M355077		4.09	0.016	1.40	7.22	45.4	1260	1.23	2.09	1.21	4.69	55.6	6.2	9	20.4	9.5
M355078		2.76	0.020	1.27	7.06	109.5	1320	1.35	2.05	1.13	3.61	46.2	7.5	9	18.55	6.6
M355079		3.03	0.121	21.5	7.07	229	2200	1.60	1.17	1.30	7.51	51.0	10.3	10	24.2	541
M355080		3.71	0.026	1.13	8.01	44.5	2130	1.62	0.90	1.52	4.65	55.1	6.6	18	23.2	12.2
M355081		2.43	0.022	1.02	7.54	60.3	1610	1.48	1.40	0.39	1.18	51.8	6.0	9	22.0	5.4
M355082		0.26	0.887	10.70	6.85	1630	1460	1.52	6.25	1.86	44.0	47.4	17.6	19	17.35	110.0
M355083		5.34	0.015	1.56	7.88	68.4	1130	1.65	0.49	1.68	4.38	57.6	7.1	16	21.8	8.9
M355084		2.27	0.009	0.36	7.69	15.8	1500	1.60	0.66	0.81	0.27	58.6	6.7	8	24.4	6.9
M355085		3.69	<0.005	0.10	8.12	6.2	1470	1.45	0.13	0.55	0.08	52.4	5.1	9	18.65	5.2
M355086		1.87	<0.005	0.04	8.19	6.6	1320	1.61	0.14	0.56	0.08	54.7	5.1	8	19.55	5.0
M355087		6.56	0.006	0.27	7.75	8.3	1900	1.41	0.73	0.79	0.38	53.4	6.0	9	17.65	3.6
M355088		2.61	0.009	0.54	7.54	14.4	1190	1.51	1.39	1.95	0.28	50.9	7.9	8	20.7	3.1
M355089		5.09	<0.005	0.20	7.47	8.4	1190	1.76	7.19	2.19	0.08	43.9	7.1	9	15.40	3.3
M355090		8.12	<0.005	0.46	7.43	4.1	1700	1.41	0.34	2.27	0.07	40.0	6.8	10	15.05	4.7
M355091		<0.02	<0.005	0.13	8.04	4.1	1840	1.53	0.44	2.41	0.09	45.8	7.6	10	16.60	4.5
M355092		7.22	<0.005	0.16	7.60	5.4	2010	1.32	0.10	2.45	0.44	48.9	7.5	11	13.80	4.0
M355093		7.23	<0.005	0.09	7.59	3.6	2020	1.58	0.11	2.87	0.07	41.9	8.5	11	11.30	6.7
M355094		2.97	<0.005	0.48	7.42	8.0	1900	1.46	0.14	2.78	5.01	43.9	8.5	10	14.60	6.9
M355095		5.94	<0.005	0.09	7.43	4.1	2040	1.42	0.07	2.93	0.09	39.5	8.5	13	17.50	7.6



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**CERTIFICATE OF ANALYSIS WH12183290**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355066		3.74	18.30	0.15	1.0	0.173	3.67	26.5	5.4	0.34	954	0.75	0.05	7.8	2.4	620
M355067		3.31	19.70	0.12	0.9	0.164	3.50	19.7	3.6	0.23	384	0.92	0.06	7.1	2.3	630
M355068		6.50	13.20	0.12	0.9	1.650	2.58	23.3	22.6	0.87	1860	12.25	0.04	5.2	14.7	440
M355069		5.02	18.90	0.15	1.0	0.406	3.46	24.1	5.0	0.24	201	1.89	0.04	7.0	5.4	580
M355070		0.48	0.22	0.07	<0.1	0.005	0.04	0.6	1.0	12.45	214	0.09	0.01	0.1	1.3	190
M355071		5.04	17.50	0.15	0.9	0.201	3.43	21.9	5.1	0.27	1100	2.06	0.03	6.9	3.8	640
M355072		2.58	18.20	0.17	2.0	0.087	2.75	37.7	25.5	0.52	701	1.62	0.06	9.8	3.2	820
M355073		4.12	17.00	0.15	1.0	0.173	3.41	21.3	4.5	0.25	898	2.01	0.03	6.7	4.2	610
M355074		0.46	0.22	0.08	<0.1	<0.005	0.04	0.6	0.9	12.30	200	0.07	0.01	0.2	1.2	190
M355075		4.56	15.30	0.17	1.0	0.164	3.27	25.7	5.0	0.40	2500	2.28	0.03	7.2	3.5	570
M355076		4.11	14.00	0.13	1.0	0.223	3.05	24.8	7.4	0.50	2410	4.92	0.03	6.2	4.1	530
M355077		2.96	15.40	0.16	1.3	0.221	3.27	30.8	7.8	0.51	2510	3.53	0.03	7.5	2.5	530
M355078		2.73	14.00	0.15	1.0	0.100	3.18	26.0	9.3	0.46	2380	5.46	0.03	5.9	3.3	520
M355079		3.37	14.25	0.15	1.4	0.109	2.71	26.7	23.8	0.70	3370	12.65	0.05	6.2	6.0	640
M355080		3.24	16.55	0.15	1.9	0.174	3.13	29.9	57.4	0.82	3230	3.25	0.04	7.2	6.4	870
M355081		4.55	16.90	0.15	0.9	0.240	3.40	28.1	7.0	0.36	2710	1.53	0.04	6.5	2.4	610
M355082		5.22	15.35	0.15	1.4	0.921	2.82	24.1	25.7	0.68	2000	12.25	0.25	7.1	16.2	500
M355083		3.08	15.95	0.16	2.3	0.057	2.86	33.2	47.1	0.68	2390	1.34	0.04	7.6	5.4	900
M355084		3.14	15.65	0.15	1.0	0.055	3.34	34.1	22.3	0.44	1330	0.70	0.03	6.7	2.8	630
M355085		2.85	16.15	0.16	1.0	0.059	2.89	28.0	36.5	0.38	1150	0.53	0.04	6.8	2.4	650
M355086		2.90	16.95	0.15	0.9	0.059	2.87	29.0	43.0	0.38	1180	0.52	0.04	7.2	2.6	660
M355087		3.26	15.25	0.15	0.9	0.120	3.08	30.3	24.5	0.48	1480	0.31	0.05	6.6	2.5	610
M355088		3.19	13.70	0.13	0.9	0.052	2.73	28.5	51.8	0.70	1640	0.22	0.15	6.1	2.6	560
M355089		2.79	14.15	0.12	0.9	0.027	2.19	22.0	12.4	0.68	1300	0.25	1.63	6.5	2.4	600
M355090		2.75	15.10	0.12	1.0	0.034	2.48	21.0	17.5	0.62	809	0.76	1.57	6.4	2.6	550
M355091		2.88	16.30	0.14	1.1	0.031	2.66	23.4	19.0	0.67	863	0.60	1.67	6.9	2.8	590
M355092		3.09	15.55	0.14	0.9	0.038	2.60	24.4	15.4	0.76	1180	0.74	1.73	7.1	2.8	620
M355093		3.13	15.70	0.14	0.9	0.038	2.53	22.1	12.2	0.82	769	1.21	2.12	7.4	3.2	640
M355094		3.33	15.85	0.15	0.9	0.054	2.77	22.0	17.8	0.77	2290	0.89	1.48	7.2	3.0	640
M355095		3.22	15.75	0.14	0.9	0.036	2.53	19.5	15.8	0.84	824	1.16	2.00	7.1	3.2	650



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**CERTIFICATE OF ANALYSIS WH12183290**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355066		397	202	<0.002	1.65	23.7	11.8	1	4.5	52.3	0.63	0.06	14.4	0.260	2.53	2.4
M355067		238	177.5	<0.002	2.16	26.3	11.2	<1	5.8	44.1	0.60	0.11	12.4	0.265	2.37	2.0
M355068		2760	152.5	0.002	4.91	88.9	8.0	1	7.6	89.6	0.46	0.34	11.0	0.177	2.38	5.0
M355069		717	192.0	<0.002	4.77	41.9	12.6	<1	7.1	50.7	0.63	0.09	13.3	0.260	2.73	5.4
M355070		3.2	1.7	<0.002	0.03	0.21	0.2	<1	<0.2	45.5	<0.05	<0.05	0.2	<0.005	0.04	0.7
M355071		237	183.0	<0.002	4.35	29.7	12.9	<1	5.7	42.5	0.58	<0.05	11.7	0.274	2.91	3.4
M355072		298	131.5	<0.002	1.28	38.2	8.9	<1	3.2	251	0.75	<0.05	13.7	0.278	2.99	6.3
M355073		1235	184.5	<0.002	3.55	28.9	11.9	<1	6.1	45.4	0.61	<0.05	12.9	0.256	3.25	6.7
M355074		3.2	1.5	<0.002	0.04	0.16	0.2	<1	<0.2	45.3	<0.05	<0.05	0.2	<0.005	0.04	0.6
M355075		252	189.0	<0.002	2.26	24.8	11.3	<1	2.6	44.6	0.65	<0.05	14.8	0.249	3.28	8.8
M355076		148.5	177.5	<0.002	2.12	25.7	10.2	<1	1.9	59.8	0.65	<0.05	14.3	0.220	2.96	8.1
M355077		145.5	201	<0.002	0.72	19.60	11.2	1	2.3	65.8	0.82	<0.05	19.3	0.224	2.78	6.3
M355078		180.5	188.0	<0.002	0.94	24.3	9.6	1	1.5	57.9	0.61	<0.05	14.8	0.214	2.60	10.8
M355079		243	145.5	0.007	1.26	147.5	9.8	<1	2.2	233	0.61	0.07	14.7	0.237	2.22	4.9
M355080		99.0	169.5	<0.002	0.53	21.4	9.7	1	2.2	294	0.66	<0.05	14.6	0.280	2.40	4.7
M355081		73.3	191.0	<0.002	0.95	18.25	10.7	<1	4.5	37.2	0.60	<0.05	14.6	0.237	2.50	3.8
M355082		1335	164.5	<0.002	3.22	33.4	9.6	1	11.8	155.0	0.63	0.33	12.6	0.206	2.59	5.2
M355083		97.5	155.5	<0.002	0.54	25.9	9.3	<1	1.5	342	0.64	<0.05	12.7	0.302	2.40	6.4
M355084		14.6	206	<0.002	0.17	16.80	11.4	<1	1.5	84.3	0.65	<0.05	16.2	0.252	3.18	4.1
M355085		9.2	167.5	<0.002	0.08	18.05	10.9	<1	1.6	67.7	0.66	<0.05	15.9	0.253	2.07	2.9
M355086		10.0	173.0	<0.002	0.07	19.15	11.2	1	1.5	73.0	0.66	<0.05	16.5	0.255	2.03	3.7
M355087		24.7	178.5	<0.002	0.19	16.30	11.1	1	1.8	70.7	0.64	<0.05	15.5	0.240	2.17	4.1
M355088		43.5	143.0	<0.002	0.29	12.25	9.9	1	1.3	107.0	0.58	0.05	14.2	0.225	1.74	3.6
M355089		15.0	89.9	<0.002	0.05	5.81	9.3	1	1.3	307	0.66	0.17	13.0	0.237	1.32	3.5
M355090		21.3	102.0	<0.002	0.02	4.78	9.4	1	1.4	322	0.65	<0.05	13.9	0.223	1.13	4.3
M355091		22.6	104.5	<0.002	0.01	5.09	10.1	1	1.5	345	0.70	<0.05	15.6	0.242	1.21	4.8
M355092		31.5	93.5	<0.002	0.04	5.79	11.2	<1	1.4	373	0.62	<0.05	14.0	0.262	1.24	4.0
M355093		17.9	87.0	<0.002	0.01	2.33	11.4	<1	1.6	427	0.62	<0.05	11.1	0.278	0.97	3.6
M355094		103.5	106.5	<0.002	0.09	4.50	11.5	<1	1.5	345	0.58	<0.05	12.3	0.274	1.49	3.4
M355095		17.2	87.0	<0.002	0.01	2.04	11.3	<1	1.5	437	0.60	<0.05	10.4	0.279	1.09	3.1



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**CERTIFICATE OF ANALYSIS WH12183290**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M355066		77	7.3	6.7	717	21.7
M355067		78	10.1	5.6	440	19.9
M355068		55	5.0	8.9	5450	22.5
M355069		78	9.0	7.1	1680	19.9
M355070		3	0.1	0.7	20	<0.5
M355071		88	9.1	6.6	1120	20.2
M355072		62	5.6	11.0	714	62.4
M355073		77	8.1	7.3	4730	21.2
M355074		2	0.1	0.7	20	<0.5
M355075		74	7.1	7.9	515	22.6
M355076		70	4.8	9.6	523	22.5
M355077		66	2.9	12.3	493	27.0
M355078		64	2.7	10.3	376	21.2
M355079		73	2.4	12.0	557	33.1
M355080		68	2.9	10.6	511	60.1
M355081		68	6.3	7.3	137	21.1
M355082		58	5.3	11.2	3070	37.5
M355083		74	2.5	12.7	327	84.1
M355084		76	1.6	12.8	64	20.5
M355085		73	3.8	13.5	46	21.4
M355086		71	3.7	14.1	45	21.8
M355087		67	2.3	13.1	96	19.9
M355088		67	1.9	11.5	112	20.8
M355089		63	1.2	9.6	208	20.5
M355090		65	1.0	12.9	69	21.7
M355091		68	1.1	13.8	74	23.5
M355092		73	1.2	14.1	93	21.4
M355093		78	1.0	14.2	63	20.8
M355094		78	2.3	14.0	396	20.6
M355095		82	1.4	14.0	60	18.6



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**CERTIFICATE OF ANALYSIS WH12183290**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
MATT TURNER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12183291**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N814022		6.63	<0.005	0.06	8.18	5.3	2270	1.47	0.07	2.99	0.07	49.3	7.3	11	10.45	6.4
N814023		5.01	<0.005	0.06	8.30	6.2	2280	1.58	0.09	3.06	0.10	48.1	7.8	10	9.13	7.2
N814024		0.26	0.804	9.69	6.63	1860	370	1.44	6.98	1.90	41.0	40.5	16.5	19	14.80	103.5
N814025		5.42	<0.005	0.13	8.21	9.2	2330	1.56	0.11	3.01	0.15	47.4	10.9	10	7.17	6.0
N814026		2.52	0.011	0.69	7.60	19.1	2020	1.47	0.10	2.65	1.89	48.7	6.9	10	10.65	8.1
N814027		2.62	<0.005	0.10	7.93	4.7	2320	1.58	0.10	2.77	0.13	44.6	7.6	10	7.58	6.5
N814028		7.53	<0.005	0.08	8.10	7.1	2340	1.53	0.10	2.91	0.10	45.8	7.6	11	5.98	11.3
N814029		2.66	<0.005	0.04	7.95	4.4	2370	1.49	0.13	2.80	0.08	46.7	6.5	11	5.69	2.6
N814030		1.08	<0.005	0.07	8.18	4.6	2400	1.47	0.13	2.99	0.11	44.2	6.8	9	6.49	3.6
N814031		2.67	<0.005	0.07	7.92	7.4	2000	1.57	0.15	2.41	0.07	41.6	6.8	9	12.25	5.2
N814032		5.23	<0.005	0.05	7.93	5.2	2300	1.62	0.14	2.96	0.09	43.4	7.8	9	8.42	3.7
N814033		6.36	<0.005	0.07	7.72	6.4	2280	1.43	0.14	2.66	0.10	47.4	8.6	10	10.10	4.8
N814034		2.78	0.086	2.29	7.51	1105	2290	1.49	0.31	3.15	7.92	58.4	7.0	8	17.45	13.7
N814035		2.88	0.010	0.21	7.44	31.0	2270	1.23	0.13	2.34	0.16	44.8	5.2	9	13.55	4.9
N814036		6.41	0.011	0.31	7.61	13.3	2910	1.42	0.39	2.50	0.11	44.4	7.6	9	7.71	64.0
N814037		4.65	<0.005	0.20	7.55	12.1	2340	1.37	0.27	2.37	0.12	40.3	8.9	8	9.59	17.3
N814038		3.72	<0.005	0.08	8.09	5.3	2470	1.60	0.12	2.65	0.07	41.8	7.5	9	15.25	6.7
N814039		8.46	0.007	0.44	8.32	14.5	2400	1.47	0.14	3.11	1.26	45.6	7.3	11	6.29	7.8
N814040		0.26	0.756	9.31	6.95	1970	200	1.43	6.83	1.97	41.1	40.2	16.8	19	15.20	108.0
N814041		7.77	<0.005	0.11	7.95	7.2	2330	1.53	0.17	2.88	0.09	43.7	8.0	10	5.34	5.1
N814042		3.46	0.065	1.19	7.27	49.2	2470	1.25	1.55	2.36	3.45	41.3	12.2	9	8.07	41.5
N814043		4.45	0.025	0.47	7.28	17.2	2360	1.31	0.50	2.35	0.12	36.4	7.3	9	7.11	46.3
N814044		4.26	0.007	0.46	7.84	18.5	2860	1.35	0.55	1.94	0.20	42.1	12.4	11	4.55	43.9
N814045		<0.02	0.006	0.53	7.43	24.4	2800	1.28	0.60	1.84	0.28	41.6	14.8	8	4.56	64.5
N814046		5.59	0.015	1.50	7.51	15.6	2520	1.20	1.79	2.48	0.58	47.2	11.7	9	5.41	87.9
N814047		4.20	0.032	0.35	7.73	21.3	2630	1.25	0.43	1.92	0.32	45.0	9.0	9	5.63	22.3
N814048		4.97	0.017	1.58	7.62	36.3	2370	1.26	0.72	1.81	0.73	45.0	19.0	9	6.87	133.5
N814049		3.88	0.009	0.30	8.17	12.1	2760	1.10	0.33	1.43	0.08	49.8	6.9	9	6.45	26.9
N814050		5.78	<0.005	0.33	7.79	7.2	2170	1.30	0.31	1.98	0.11	38.6	6.9	10	10.45	80.5
N814051		2.68	<0.005	0.08	7.10	16.9	1760	1.20	0.16	2.03	0.08	34.0	8.4	8	12.55	4.8
N814052		5.42	<0.005	0.10	7.55	6.6	2250	1.47	0.11	2.92	0.09	41.2	7.5	11	8.43	4.5
N814053		7.82	<0.005	0.07	7.93	5.5	2480	1.44	0.11	2.93	0.08	44.9	7.8	11	7.10	5.3
N814054		2.40	0.016	0.45	7.48	46.0	1930	1.24	0.09	3.31	0.35	57.3	7.1	9	22.3	8.2
N814055		3.52	<0.005	0.04	0.11	<5	20	0.06	0.03	21.9	0.07	1.19	0.6	1	0.40	2.0
N814056		5.85	0.021	0.08	7.69	6.1	2370	1.15	0.13	2.91	0.17	39.9	7.0	10	6.64	5.8
N814057		2.57	<0.005	0.02	0.13	<5	30	0.06	0.04	21.8	0.06	1.12	0.8	3	0.36	1.9





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**CERTIFICATE OF ANALYSIS WH12183291**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814022		3.27	16.90	0.14	1.0	0.047	2.66	26.7	12.6	0.93	683	0.61	2.23	7.5	2.7	670
N814023		3.56	18.25	0.16	1.1	0.047	2.55	26.3	16.1	1.02	707	0.71	2.35	8.3	3.1	750
N814024		5.38	15.65	0.14	1.3	0.867	2.78	20.6	24.7	0.70	2060	12.15	0.26	6.7	14.5	510
N814025		3.48	17.75	0.15	1.1	0.044	2.67	25.5	13.3	1.05	725	0.98	2.35	7.9	3.0	720
N814026		3.06	17.30	0.18	1.0	0.053	2.54	30.0	15.2	0.79	753	0.53	1.85	6.9	2.7	610
N814027		3.09	17.45	0.17	1.0	0.046	2.60	23.7	13.8	0.93	657	0.56	2.15	7.4	2.8	640
N814028		3.38	17.30	0.16	1.1	0.051	2.63	26.1	12.4	1.00	672	0.62	2.29	7.5	3.0	690
N814029		3.39	16.35	0.18	1.0	0.052	2.61	24.7	12.0	1.00	627	0.54	2.22	7.2	2.8	690
N814030		3.46	17.70	0.18	1.0	0.044	2.67	24.6	12.9	1.02	653	0.58	2.35	7.9	3.3	710
N814031		3.09	17.90	0.18	1.1	0.063	2.42	20.1	23.6	0.57	522	0.56	0.99	7.7	2.6	700
N814032		3.37	17.75	0.18	1.0	0.056	2.62	21.4	13.1	0.94	644	0.66	2.25	7.8	3.0	700
N814033		3.33	17.80	0.19	1.0	0.051	2.65	23.7	16.8	0.77	590	2.07	1.59	7.4	2.9	680
N814034		3.30	17.15	0.16	1.0	0.167	3.03	35.4	16.6	1.04	2390	3.61	0.05	6.4	2.8	630
N814035		3.12	16.60	0.20	1.0	0.042	2.78	23.2	36.6	0.78	1000	2.69	0.13	7.2	2.4	680
N814036		3.55	15.70	0.19	1.0	0.071	2.96	23.0	12.9	0.76	775	2.57	1.41	6.8	2.4	650
N814037		3.43	17.70	0.18	1.3	0.057	2.70	19.9	30.9	0.72	963	1.08	0.11	7.5	2.7	710
N814038		3.74	17.40	0.18	1.2	0.052	2.57	20.3	17.2	0.92	570	1.61	1.96	7.4	3.0	720
N814039		3.60	18.15	0.16	1.7	0.045	2.63	22.5	11.7	1.01	789	1.68	2.20	7.4	3.0	720
N814040		5.59	16.20	0.18	1.3	0.886	2.89	20.0	24.6	0.72	2140	11.75	0.27	6.7	15.5	530
N814041		3.50	17.90	0.16	1.3	0.042	2.65	21.1	11.7	0.96	673	2.12	2.24	7.9	2.9	690
N814042		4.57	15.40	0.15	1.1	0.137	3.12	23.1	14.0	0.93	1720	2.77	0.44	6.1	2.9	640
N814043		3.70	15.30	0.16	1.0	0.071	2.66	18.2	11.1	0.80	909	0.60	1.37	6.1	2.3	630
N814044		3.73	15.80	0.17	1.0	0.058	2.55	23.4	25.3	0.84	964	0.22	0.84	5.9	2.9	620
N814045		3.70	17.00	0.18	1.0	0.075	2.41	21.7	24.4	0.82	941	0.26	0.73	6.0	3.6	630
N814046		3.63	16.10	0.11	1.1	0.106	3.01	22.0	13.8	0.90	991	0.37	1.28	6.8	2.9	620
N814047		3.91	15.75	0.13	1.1	0.080	3.00	21.4	15.3	0.79	958	0.49	1.05	6.6	2.5	660
N814048		4.50	16.35	0.16	1.0	0.184	3.24	22.3	16.1	0.91	1510	0.96	0.31	6.1	2.8	600
N814049		3.72	17.35	0.18	1.1	0.073	3.24	25.6	21.5	0.87	650	1.68	0.75	7.6	3.1	710
N814050		3.26	17.20	0.15	1.1	0.076	2.60	17.8	25.5	0.62	571	0.83	1.08	7.7	2.7	680
N814051		3.18	16.25	0.14	1.1	0.062	2.22	15.3	38.5	0.62	747	4.86	0.09	7.7	3.6	660
N814052		3.26	16.45	0.17	1.1	0.047	2.58	18.7	12.9	0.85	634	9.60	2.06	7.4	2.9	650
N814053		3.35	16.45	0.18	0.9	0.048	2.67	21.5	14.8	0.95	609	2.21	2.24	7.0	3.1	680
N814054		2.97	15.70	0.19	0.9	0.047	2.77	29.8	30.6	0.95	853	1.31	0.16	6.8	2.7	630
N814055		0.52	0.36	0.12	<0.1	0.007	0.04	0.6	1.2	13.35	237	0.11	0.01	0.3	1.5	170
N814056		3.27	15.35	0.14	1.0	0.045	2.69	19.4	13.4	0.89	613	1.17	2.04	6.6	3.0	650
N814057		0.50	0.28	0.09	<0.1	0.009	0.06	0.6	1.3	13.25	228	0.11	0.01	0.1	2.1	200



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**CERTIFICATE OF ANALYSIS WH12183291**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814022		14.2	113.5	<0.002	0.03	1.30	11.3	1	1.9	432	0.63	<0.05	13.2	0.281	1.06	3.8
N814023		14.8	105.0	<0.002	0.01	1.60	11.8	1	1.8	457	0.65	<0.05	12.7	0.305	1.18	3.8
N814024		1360	158.0	<0.002	3.12	33.5	8.2	1	6.1	149.0	0.57	0.31	12.0	0.207	2.57	5.1
N814025		18.9	96.5	<0.002	0.05	1.19	11.4	1	1.9	456	0.62	<0.05	11.8	0.297	1.16	4.0
N814026		185.5	113.5	<0.002	0.15	2.40	10.7	<1	2.4	343	0.58	<0.05	13.7	0.255	1.29	4.7
N814027		16.7	104.0	<0.002	0.03	1.15	10.9	1	1.9	428	0.57	<0.05	13.3	0.261	1.15	3.9
N814028		14.4	98.0	<0.002	0.02	1.14	11.4	1	1.8	447	0.63	<0.05	11.8	0.286	1.08	3.7
N814029		14.9	96.9	<0.002	0.02	1.19	11.2	1	1.9	439	0.58	<0.05	13.0	0.282	1.12	4.1
N814030		17.1	92.9	<0.002	0.02	1.11	11.0	1	1.9	463	0.63	<0.05	11.6	0.295	1.18	3.8
N814031		12.8	107.5	<0.002	0.04	6.85	10.7	1	2.7	182.0	0.61	<0.05	10.3	0.286	1.27	4.1
N814032		15.6	99.5	<0.002	0.01	1.36	11.5	2	1.8	432	0.62	<0.05	10.8	0.281	1.13	3.2
N814033		15.6	104.0	<0.002	0.04	2.85	11.4	1	2.1	319	0.59	<0.05	10.9	0.282	1.25	2.9
N814034		524	182.5	<0.002	0.85	17.65	10.5	1	2.7	107.0	0.53	<0.05	13.2	0.255	2.50	5.0
N814035		15.7	110.0	<0.002	0.14	9.38	10.5	1	1.9	140.5	0.55	<0.05	12.0	0.283	1.81	3.5
N814036		14.3	131.5	<0.002	0.21	5.85	10.6	2	2.1	266	0.57	<0.05	12.4	0.269	1.70	3.7
N814037		17.4	102.5	<0.002	0.16	12.20	11.0	1	2.6	131.0	0.62	<0.05	11.8	0.272	1.54	3.5
N814038		15.1	99.9	<0.002	0.04	2.42	11.0	1	1.9	402	0.61	<0.05	10.8	0.290	1.09	3.5
N814039		92.7	101.5	<0.002	0.10	1.33	11.6	1	2.0	432	0.60	<0.05	11.7	0.295	1.08	3.7
N814040		1420	162.5	<0.002	3.24	34.1	8.3	1	6.4	151.5	0.54	0.26	11.6	0.218	2.54	5.2
N814041		15.3	104.0	<0.002	0.07	1.13	11.3	1	2.0	417	0.62	<0.05	11.4	0.285	1.22	3.8
N814042		87.1	160.5	<0.002	0.90	2.73	9.7	1	2.7	135.5	0.51	0.17	11.5	0.244	2.21	3.5
N814043		14.5	105.0	<0.002	0.39	2.81	9.3	1	2.3	274	0.48	0.05	9.9	0.252	1.46	3.3
N814044		19.4	118.0	<0.002	0.35	6.38	10.1	1	2.5	182.0	0.52	0.08	13.3	0.237	1.49	4.8
N814045		25.1	117.0	<0.002	0.41	8.07	10.5	1	2.6	163.5	0.50	<0.05	12.8	0.231	1.58	5.0
N814046		35.5	120.0	0.002	0.39	2.08	11.3	<1	2.4	259	0.60	0.07	9.5	0.269	1.77	3.3
N814047		23.2	113.5	0.003	0.38	3.75	10.5	1	2.3	234	0.55	<0.05	9.9	0.265	1.49	2.9
N814048		32.6	163.5	0.004	0.59	11.05	10.4	<1	2.3	111.5	0.50	0.16	9.8	0.245	2.09	3.1
N814049		12.6	141.0	0.005	0.29	5.98	11.9	<1	3.0	164.0	0.60	0.06	11.2	0.296	1.70	3.2
N814050		12.0	95.9	0.005	0.10	7.78	11.3	<1	1.9	254	0.59	<0.05	8.9	0.298	1.24	2.8
N814051		9.7	72.4	0.005	0.27	17.75	10.1	1	2.0	127.5	0.61	<0.05	8.1	0.290	1.48	3.0
N814052		11.8	97.4	0.006	0.06	1.91	10.5	<1	1.7	412	0.59	<0.05	8.4	0.294	1.15	2.7
N814053		12.4	89.1	0.002	0.07	1.30	11.0	1	1.6	448	0.48	<0.05	8.4	0.296	1.10	2.7
N814054		17.1	97.5	0.003	0.24	10.85	10.2	1	1.8	151.0	0.44	<0.05	9.6	0.272	1.82	2.9
N814055		1.2	2.6	0.003	0.01	0.06	0.2	<1	0.2	49.2	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N814056		14.8	92.9	0.003	0.10	3.87	10.1	1	1.7	418	0.48	<0.05	8.2	0.280	1.13	2.8
N814057		1.2	2.8	0.005	0.01	0.09	0.5	<1	0.2	41.9	<0.05	<0.05	<0.2	0.005	0.02	0.4



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**CERTIFICATE OF ANALYSIS WH12183291**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814022		81	1.1	17.2	48	22.7
N814023		91	1.2	17.5	52	23.7
N814024		58	5.2	10.7	3070	32.6
N814025		87	1.3	16.7	59	22.4
N814026		75	2.1	16.0	301	22.0
N814027		76	1.0	16.6	50	23.0
N814028		84	0.9	16.5	51	24.3
N814029		84	0.8	16.3	47	20.5
N814030		84	0.9	16.3	50	21.9
N814031		83	2.8	13.1	65	23.3
N814032		82	1.3	16.5	48	23.0
N814033		82	2.1	14.8	50	21.5
N814034		75	4.9	15.1	848	21.1
N814035		80	4.7	14.1	52	22.3
N814036		79	2.3	13.6	64	21.4
N814037		83	4.2	14.8	65	27.5
N814038		87	1.3	14.7	50	24.4
N814039		89	1.4	16.1	193	26.6
N814040		62	5.1	10.6	3230	32.5
N814041		85	1.6	16.4	52	28.4
N814042		82	3.7	10.7	378	20.6
N814043		78	2.1	10.9	62	20.8
N814044		77	2.0	10.7	77	23.6
N814045		74	2.0	10.1	84	23.1
N814046		80	2.0	11.5	110	30.2
N814047		77	2.2	12.0	82	29.6
N814048		76	3.3	9.1	122	26.0
N814049		80	6.1	14.2	56	29.6
N814050		82	5.6	14.1	44	31.0
N814051		74	4.8	12.6	50	29.8
N814052		81	2.2	14.6	43	29.5
N814053		82	1.7	14.7	43	26.2
N814054		73	3.6	14.5	57	25.3
N814055		2	0.1	0.8	18	<0.5
N814056		78	1.9	13.8	49	25.5
N814057		3	0.1	0.8	14	<0.5



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**CERTIFICATE OF ANALYSIS WH12183291**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12183292**

Project: Klaza - 97

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 26-AUG-2012  
Account: ROCKHA

Project: Klaza - 97

**CERTIFICATE OF ANALYSIS WH12183292**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N814058		2.34	0.121	3.51	6.90	465	1550	1.32	0.81	2.60	7.19	38.5	14.6	8	15.35	70.6
N814059		5.20	0.017	1.15	7.81	92.4	1860	1.53	0.15	2.20	3.92	44.6	8.0	10	14.70	14.4
N814060		7.10	0.010	0.76	7.85	36.1	2090	1.45	0.10	2.75	2.89	43.8	7.9	13	11.60	9.4
N814061		7.21	<0.005	0.19	8.08	13.1	2260	1.43	0.15	2.97	0.42	43.4	8.7	11	7.43	6.2
N814062		0.24	0.739	10.15	7.12	1955	830	1.51	5.99	1.99	43.6	43.8	16.7	22	15.40	113.0
N814063		7.78	<0.005	0.18	7.69	5.9	2130	1.47	0.10	2.82	0.12	40.9	7.7	12	4.14	7.0
N814064		6.83	<0.005	0.11	7.93	5.6	2060	1.53	0.09	2.88	0.10	43.7	8.9	11	7.04	12.1
N814065		6.13	0.005	0.08	7.71	11.1	2210	1.46	0.08	2.93	0.08	41.6	8.0	11	8.97	6.5
N814066		2.33	<0.005	0.06	7.70	5.0	2130	1.35	0.11	2.94	0.09	39.7	7.4	10	9.22	6.6
N814067		5.53	<0.005	0.09	7.85	13.2	2140	1.16	0.10	1.27	0.50	43.0	8.5	8	10.75	14.7
N814068		3.37	<0.005	0.14	7.15	20.8	3590	1.09	0.09	4.95	0.33	47.1	7.7	7	18.40	6.5
N814069		4.92	<0.005	0.08	7.66	11.9	2210	1.62	0.11	3.12	0.11	41.1	7.6	13	12.90	8.5
N814070		5.91	<0.005	0.06	7.85	11.3	2240	1.38	0.09	3.00	0.09	43.9	8.1	11	12.85	8.7
N814071		2.33	<0.005	0.17	7.27	16.5	1890	1.43	0.07	3.08	0.09	40.9	7.9	9	20.7	31.2
N814072		4.82	<0.005	0.07	6.94	22.1	4550	1.50	0.18	3.36	0.10	47.3	5.1	24	18.55	14.9
N814073		<0.02	<0.005	0.06	7.23	22.3	3690	1.53	0.18	3.45	0.12	49.1	5.2	26	18.00	17.3
N814074		2.55	<0.005	0.21	7.34	43.4	2470	1.32	0.11	3.24	0.07	42.9	9.4	10	20.5	16.0
N814075		5.77	0.012	0.11	7.15	38.8	1620	1.32	0.14	3.23	0.08	38.4	8.8	8	21.9	11.5
N814076		5.74	<0.005	0.16	7.17	58.1	1380	1.44	0.07	4.27	0.10	47.5	8.7	7	22.1	16.2
N814077		2.94	<0.005	0.19	7.04	91.9	1140	1.60	0.06	3.06	0.08	37.0	9.2	8	21.1	7.3
N814078		6.33	<0.005	0.11	7.19	55.5	1430	1.42	0.09	2.49	0.07	36.7	7.9	8	23.3	11.6
N814079		0.24	2.35	27.2	6.22	3610	1220	1.18	18.20	2.24	82.0	42.3	10.6	18	13.70	447
N814080		7.33	<0.005	0.18	6.88	57.6	1850	1.58	0.07	3.24	0.10	35.6	8.2	8	19.20	5.6
N814081		5.88	<0.005	0.09	7.08	48.5	1720	1.42	0.09	2.73	0.09	38.4	8.3	9	20.0	5.3
N814082		3.63	<0.005	0.06	8.14	7.5	2120	1.38	0.12	2.79	0.10	47.9	7.7	10	9.75	7.4
N814083		1.54	<0.005	0.04	7.67	5.9	2140	1.56	0.11	2.69	0.09	53.4	7.5	9	9.51	3.0
N814084		5.58	0.016	0.71	7.61	78.1	1710	1.32	0.21	2.86	3.51	48.5	7.4	10	17.35	13.8
N814085		8.00	<0.005	0.36	7.51	38.0	1980	1.39	0.20	2.70	0.36	46.6	7.2	9	18.35	9.0
N814086		7.37	0.016	0.11	7.60	53.1	2180	1.45	0.11	2.64	1.12	47.3	7.5	10	14.00	5.3
N814087		5.96	0.005	0.14	7.40	18.1	2030	1.24	0.11	1.71	0.35	40.0	7.2	9	11.90	6.9
N814088		4.61	1.605	12.70	5.69	2630	1630	1.12	24.1	2.30	18.50	38.8	9.3	6	9.20	112.5
N814089		4.72	0.005	0.04	0.23	36	60	0.10	0.06	19.75	0.08	1.71	1.0	3	0.84	1.5
N814090		4.53	0.011	0.31	8.05	25.4	2040	1.47	0.52	2.59	0.33	60.7	8.0	8	14.55	34.2
N814091		8.18	<0.005	0.15	7.76	7.7	2050	1.56	0.31	2.78	0.15	52.3	7.7	9	13.50	15.0
N814092		2.05	0.046	0.81	7.35	280	1460	1.49	0.81	2.61	2.99	52.3	7.8	8	21.7	44.0
N814093		3.37	<0.005	0.06	0.09	<5	70	0.07	0.02	20.3	0.07	1.21	0.6	<1	0.22	0.8



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Plus Appendix Pages  
Finalized Date: 26-AUG-2012  
Account: ROCKHA

Project: Klaza - 97

**CERTIFICATE OF ANALYSIS WH12183292**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814058		3.48	15.30	0.15	1.0	0.187	3.06	18.9	30.0	0.68	1120	1.11	0.08	6.5	3.5	580
N814059		3.39	16.35	0.14	1.1	0.084	3.10	21.6	30.4	0.76	946	2.97	0.36	7.5	2.8	660
N814060		3.28	16.55	0.18	1.2	0.083	2.90	21.6	12.7	0.80	699	1.36	1.97	7.4	3.0	630
N814061		3.45	17.35	0.19	1.1	0.049	2.81	20.5	15.4	0.93	715	1.22	2.12	7.8	3.1	690
N814062		5.57	15.10	0.16	1.3	0.915	2.97	21.0	24.6	0.72	2080	11.95	0.27	6.9	15.2	530
N814063		3.23	16.10	0.13	1.2	0.043	2.56	19.2	12.8	0.89	619	1.47	2.32	7.3	2.9	650
N814064		3.40	16.70	0.17	1.2	0.042	2.61	19.4	17.6	0.99	686	1.20	2.34	7.8	3.3	670
N814065		3.15	16.20	0.15	1.2	0.044	2.65	19.4	16.5	0.79	638	1.67	2.15	7.1	3.0	630
N814066		3.20	16.40	0.13	1.3	0.039	2.72	17.9	21.3	0.75	583	1.20	1.85	7.7	2.7	650
N814067		3.28	16.25	0.14	1.3	0.041	2.19	20.7	49.0	0.47	831	1.91	0.08	7.9	3.2	660
N814068		2.95	13.80	0.13	1.1	0.038	2.02	23.5	52.8	1.13	977	1.83	0.07	6.6	3.0	550
N814069		3.19	16.55	0.14	1.5	0.041	2.61	19.5	19.6	0.84	571	1.46	1.78	7.7	4.6	650
N814070		3.23	16.60	0.15	1.2	0.046	2.73	21.1	17.0	0.76	619	2.17	2.22	7.5	3.1	640
N814071		3.01	15.80	0.14	1.3	0.041	2.44	19.4	26.5	0.81	615	1.02	1.38	7.3	4.6	620
N814072		2.09	17.35	0.15	3.0	0.031	2.79	22.7	9.1	1.06	591	0.96	0.08	8.0	9.4	670
N814073		2.19	18.60	0.16	3.3	0.033	2.92	22.8	10.1	1.06	595	1.13	0.08	8.3	10.1	710
N814074		3.00	16.15	0.19	1.4	0.050	2.60	20.2	49.1	0.89	735	1.71	0.78	7.2	5.9	600
N814075		3.23	14.80	0.13	1.1	0.059	2.25	18.1	47.2	0.94	852	0.96	1.55	6.8	2.9	620
N814076		3.18	15.00	0.16	1.2	0.044	2.20	23.8	44.4	1.31	985	1.13	1.15	6.6	2.4	560
N814077		2.70	14.45	0.15	1.3	0.040	2.17	18.0	56.4	0.88	722	1.04	1.18	6.7	2.7	570
N814078		2.81	15.75	0.12	1.4	0.044	2.27	16.9	45.4	0.74	653	1.10	1.43	7.3	2.6	610
N814079		6.83	14.05	0.16	1.2	1.660	2.68	22.5	23.5	0.91	1920	12.80	0.04	5.5	15.2	450
N814080		3.08	15.45	0.13	1.6	0.032	2.26	16.2	26.8	0.75	737	1.03	1.45	7.4	2.6	580
N814081		3.05	16.05	0.15	1.1	0.048	2.32	17.9	26.8	0.66	675	1.66	1.68	7.6	2.8	600
N814082		3.15	15.60	0.17	1.3	0.050	2.58	22.5	11.0	0.82	607	0.89	2.15	7.5	3.9	630
N814083		3.05	15.60	0.18	1.3	0.043	2.60	23.9	12.0	0.79	596	1.03	2.12	7.6	2.7	600
N814084		3.28	14.60	0.18	1.3	0.062	2.59	21.8	26.6	0.94	1050	3.64	0.72	6.9	2.5	610
N814085		2.97	15.75	0.19	1.2	0.057	2.59	20.8	23.1	0.80	740	1.13	1.26	7.4	2.5	590
N814086		3.03	15.75	0.18	1.4	0.046	2.64	20.5	12.3	0.73	639	0.70	1.98	7.4	2.6	620
N814087		3.09	16.15	0.16	1.3	0.055	2.69	16.5	34.7	0.51	729	0.87	0.38	7.7	2.5	630
N814088		8.51	12.70	0.15	1.0	0.650	2.40	17.5	15.4	0.91	2460	11.00	0.03	5.2	2.7	390
N814089		0.49	0.53	0.12	<0.1	0.007	0.09	0.7	2.1	12.85	227	0.14	0.01	0.4	2.7	180
N814090		3.52	15.90	0.17	1.5	0.110	2.81	26.3	20.2	0.87	837	2.01	1.15	7.8	2.5	600
N814091		3.07	16.15	0.18	1.6	0.069	2.64	22.2	13.7	0.83	722	2.31	1.91	8.3	2.6	590
N814092		3.54	15.80	0.16	1.6	0.161	2.66	24.2	29.3	1.01	1200	0.96	0.06	8.5	2.6	580
N814093		0.46	0.23	0.15	<0.1	<0.005	0.04	0.5	1.0	13.30	215	0.20	0.01	0.2	1.4	170



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**CERTIFICATE OF ANALYSIS WH12183292**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814058		289	116.5	0.002	1.59	32.2	9.1	<1	3.1	122.5	0.52	0.27	8.2	0.258	2.07	4.5
N814059		290	128.0	0.002	0.32	12.20	10.8	<1	1.9	165.0	0.63	<0.05	11.3	0.284	1.75	3.7
N814060		121.0	114.5	0.002	0.12	2.98	10.6	1	1.7	369	0.59	<0.05	11.0	0.278	1.24	3.5
N814061		34.9	98.8	0.003	0.06	6.69	11.2	1	1.7	394	0.61	<0.05	10.3	0.295	1.20	3.7
N814062		1375	160.5	0.006	3.33	32.8	8.5	1	5.7	157.0	0.59	0.35	10.3	0.220	2.61	4.6
N814063		14.6	81.5	0.003	0.02	1.05	10.0	1	1.3	415	0.59	<0.05	9.8	0.284	0.88	3.3
N814064		13.9	90.8	0.002	0.02	1.10	11.5	1	1.6	412	0.63	<0.05	10.3	0.299	0.91	3.8
N814065		13.5	90.7	0.004	0.04	1.59	10.5	<1	1.7	399	0.56	<0.05	8.7	0.277	1.04	3.1
N814066		14.1	83.9	0.003	0.02	2.28	9.7	1	1.7	349	0.67	<0.05	9.7	0.289	1.13	2.7
N814067		11.4	86.4	0.003	0.12	9.58	11.9	1	1.7	83.3	0.64	<0.05	11.1	0.292	1.00	2.1
N814068		12.5	80.5	0.003	0.19	11.75	9.8	1	1.4	176.0	0.54	<0.05	11.3	0.242	1.21	4.9
N814069		14.3	93.8	0.003	0.04	2.75	9.9	<1	1.6	365	0.66	<0.05	10.0	0.283	1.21	3.5
N814070		13.7	96.2	0.005	0.04	1.68	10.3	<1	1.6	433	0.60	<0.05	9.9	0.285	1.21	3.4
N814071		13.6	81.1	<0.002	0.07	5.31	9.8	<1	1.6	326	0.60	<0.05	9.9	0.277	1.29	3.4
N814072		12.3	85.1	<0.002	0.12	6.29	5.4	1	1.9	208	0.65	<0.05	7.9	0.264	2.02	4.5
N814073		11.2	84.6	0.005	0.09	6.73	5.7	1	1.9	200	0.68	<0.05	8.0	0.279	2.26	4.5
N814074		20.2	95.6	<0.002	0.20	6.96	9.9	<1	1.7	260	0.59	<0.05	10.1	0.271	1.73	3.1
N814075		12.7	77.6	0.002	0.20	4.86	9.3	<1	1.5	277	0.58	0.09	9.1	0.264	1.50	3.3
N814076		19.3	83.0	0.002	0.18	6.78	9.9	1	1.5	211	0.55	<0.05	11.2	0.246	1.64	3.8
N814077		19.2	77.8	0.003	0.20	8.10	9.2	<1	1.5	184.0	0.56	<0.05	9.1	0.246	2.00	3.5
N814078		12.9	83.5	0.003	0.14	5.92	9.5	<1	1.6	197.5	0.65	<0.05	8.6	0.264	1.76	3.4
N814079		2770	164.0	0.006	5.03	89.2	7.7	1	7.6	96.6	0.44	0.37	9.3	0.186	2.41	4.6
N814080		15.4	75.1	0.005	0.15	4.74	9.0	1	1.5	253	0.69	<0.05	8.6	0.257	1.64	4.0
N814081		13.2	91.7	0.002	0.14	5.43	10.5	<1	1.7	301	0.68	<0.05	9.1	0.270	1.79	3.4
N814082		15.9	116.5	<0.002	0.03	2.04	11.8	1	1.6	405	0.69	<0.05	13.6	0.280	1.12	4.2
N814083		15.2	114.0	<0.002	0.02	1.93	11.5	1	1.7	396	0.64	<0.05	14.1	0.271	1.21	4.3
N814084		111.5	125.0	<0.002	0.26	11.00	11.6	1	2.2	233	0.60	<0.05	13.8	0.268	1.68	3.7
N814085		40.7	131.5	<0.002	0.11	11.45	11.5	1	1.7	275	0.63	<0.05	13.3	0.264	1.59	3.8
N814086		30.8	120.5	<0.002	0.06	7.72	11.3	1	1.7	400	0.63	<0.05	13.6	0.273	1.24	4.4
N814087		23.5	112.5	<0.002	0.05	9.39	11.2	1	1.9	140.5	0.66	<0.05	11.4	0.286	1.29	2.3
N814088		807	155.5	<0.002	7.98	37.4	8.5	1	6.7	69.1	0.44	0.61	10.1	0.178	1.86	6.3
N814089		2.4	5.4	<0.002	0.04	0.20	0.4	1	0.3	45.7	<0.05	<0.05	0.6	0.007	0.03	1.5
N814090		21.6	142.5	<0.002	0.31	5.61	11.6	1	1.9	253	0.67	0.06	15.8	0.265	1.40	5.4
N814091		18.3	119.5	<0.002	0.09	1.92	11.3	1	1.7	363	0.78	<0.05	13.6	0.262	1.17	5.3
N814092		124.0	128.5	<0.002	0.45	11.25	11.5	1	2.3	97.1	0.89	0.07	14.4	0.254	1.47	7.5
N814093		1.6	1.7	<0.002	0.01	0.08	0.2	<1	<0.2	45.7	<0.05	<0.05	0.2	<0.005	0.03	0.8





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**CERTIFICATE OF ANALYSIS WH12183292**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814058		71	4.0	11.4	626	26.0
N814059		78	4.8	14.6	352	29.1
N814060		76	2.5	15.0	263	28.6
N814061		80	1.6	15.9	74	29.6
N814062		60	5.3	10.8	3200	37.7
N814063		78	1.6	14.9	46	29.0
N814064		83	2.2	16.3	48	31.8
N814065		76	2.0	14.3	43	31.4
N814066		79	1.6	14.8	43	35.0
N814067		77	13.8	14.6	83	35.8
N814068		66	2.9	16.3	62	31.2
N814069		74	0.9	14.5	44	48.0
N814070		78	1.2	14.7	43	34.8
N814071		75	1.0	13.4	49	37.3
N814072		50	1.5	10.8	39	119.0
N814073		53	1.5	11.3	40	126.0
N814074		72	2.3	14.0	48	40.8
N814075		74	3.2	14.2	47	32.5
N814076		70	6.1	16.7	45	34.2
N814077		67	5.9	13.3	37	36.9
N814078		73	5.0	12.8	41	39.1
N814079		58	5.1	9.3	5430	24.6
N814080		73	4.0	14.7	45	41.2
N814081		75	3.6	14.4	40	33.4
N814082		77	1.0	18.3	50	31.3
N814083		75	0.8	17.5	38	33.8
N814084		78	3.4	17.1	296	30.8
N814085		72	3.7	14.9	73	31.6
N814086		77	1.7	17.1	91	33.3
N814087		79	6.7	13.8	57	34.7
N814088		53	7.9	9.9	1520	25.1
N814089		4	0.1	1.0	17	0.5
N814090		75	2.3	18.1	67	37.9
N814091		73	4.3	18.5	47	37.5
N814092		75	3.1	18.9	290	38.4
N814093		2	0.1	0.8	15	0.5



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**CERTIFICATE OF ANALYSIS WH12183292**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12183293**

Project: Klaza - 97

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12183293**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N814094		0.26	4.48		>100	5.73	8040	1400	1.01	61.6	1.98	222	35.2	8.3	17	10.20
N814095		3.97	<0.005		0.22	7.80	10.8	2050	1.18	0.32	3.28	0.22	51.4	7.1	8	11.55
N814096		2.90	0.011		1.08	7.89	16.1	2210	1.44	1.17	2.71	0.20	50.2	7.7	10	11.85
N814097		5.32	0.018		1.83	7.96	67.5	1830	1.48	3.08	1.94	0.81	47.2	7.4	9	10.10
N814098		3.79	>10.0	13.05	17.65	5.23	>10000	340	0.72	19.45	0.47	0.95	24.6	12.7	9	4.02
N814099		7.10	0.021		0.42	7.58	110.5	1720	1.42	0.16	2.78	0.19	89.3	10.4	49	11.25
N814100		6.61	0.018		0.27	7.00	68.5	1150	1.65	0.18	5.02	0.12	61.2	5.8	13	13.90
N814101		2.85	0.601		15.60	7.02	5840	640	1.22	11.60	0.48	7.26	51.7	13.1	8	12.25
N814102		4.12	0.335		6.48	6.41	1360	360	1.19	6.92	1.94	2.54	41.4	9.7	8	12.85
N814103		4.00	<0.005		0.20	0.09	<5	50	0.08	0.03	21.0	0.07	1.41	0.6	<1	0.20
N814104		2.41	0.715		12.90	7.72	2080	600	1.33	13.55	0.85	8.22	59.4	11.5	9	8.92
N814105		3.26	0.568		6.88	7.30	1680	620	1.37	6.69	1.36	13.35	59.8	8.1	9	10.70
N814106		5.73	0.012		0.50	7.71	30.9	2010	1.49	0.33	3.07	0.67	47.5	7.1	10	13.20
N814107		3.07	0.005		0.40	7.32	26.4	2080	1.49	0.27	2.86	1.47	40.5	7.4	10	11.25
N814108		0.26	2.38		26.4	6.45	3490	1540	1.18	18.95	2.27	80.6	48.0	10.5	18	13.70
N814109		4.30	<0.005		0.45	7.54	11.8	2090	1.34	0.16	2.77	0.18	45.6	7.1	10	7.89
N814110		2.75	0.015		0.76	7.74	67.2	2080	1.63	0.71	2.75	1.46	50.8	6.6	9	14.85
N814111		5.66	<0.005		0.15	7.65	8.3	1850	1.32	0.12	3.04	0.10	47.9	7.1	10	12.75
N814112		6.54	<0.005		0.11	7.63	6.7	2150	1.36	0.09	3.07	0.10	47.6	7.5	9	13.75
N814113		<0.02	<0.005		0.09	7.60	7.4	2060	1.43	0.09	2.94	0.12	52.2	7.3	9	13.55
N814114		4.83	<0.005		0.08	7.57	6.8	2060	1.65	0.11	2.90	0.10	42.6	7.5	10	16.05
N814115		5.45	0.010		0.35	7.39	16.2	2000	1.28	1.12	3.58	0.11	43.4	7.6	9	17.65
N814116		4.46	0.009		0.31	7.82	10.5	2200	1.56	0.92	2.88	0.10	46.6	7.0	9	14.80
N814117		3.94	<0.005		0.15	7.47	13.6	2820	1.36	0.21	1.82	0.13	44.0	6.4	7	17.10
N814118		4.33	0.013		0.82	6.83	47.5	1720	1.36	1.09	2.65	0.55	43.5	7.5	8	17.80
N814119		5.12	<0.005		<0.01	0.10	<5	90	0.05	0.02	21.1	0.07	1.27	2.0	1	0.22
N814120		6.77	0.006		0.24	7.45	11.5	1890	1.43	0.57	2.48	0.10	47.1	9.2	9	13.65
N814121		5.13	<0.005		0.36	7.29	8.4	2060	1.51	1.02	2.68	0.09	42.9	8.3	11	14.15
N814122		3.34	0.042		0.68	7.16	27.6	1890	1.21	2.21	2.41	0.24	39.8	7.0	9	19.65
N814123		5.53	0.012		0.30	7.41	13.8	2210	1.44	0.95	2.55	0.21	37.9	7.7	10	15.00
N814124		3.73	0.187		13.45	7.49	538	840	1.48	3.58	1.71	29.0	54.8	15.0	9	13.30
N814125		6.36	<0.005		0.46	7.58	15.6	1970	1.59	0.22	2.43	1.72	48.3	6.9	11	10.40
N814126		3.10	<0.005		0.10	7.54	6.1	2000	1.58	0.22	2.48	0.16	43.9	9.3	11	11.35
N814127		2.58	<0.005		0.09	6.86	13.6	1950	1.52	0.13	3.23	0.19	39.6	9.4	9	12.30
N814128		3.53	<0.005		0.09	7.86	4.0	1940	1.99	0.11	2.65	0.11	50.8	10.2	14	10.20
N814129		1.89	<0.005		0.09	7.75	5.9	2010	1.85	0.10	2.55	0.10	48.8	10.1	13	9.90



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**CERTIFICATE OF ANALYSIS WH12183293**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N814094		1295	7.88	11.60	0.14	1.0	4.43	2.28	15.6	29.4	0.65	3080	13.15	0.07	5.0	12.7
N814095		27.4	2.79	15.65	0.15	1.5	0.047	2.53	22.8	23.4	0.66	633	5.67	0.66	8.1	2.3
N814096		65.5	3.13	15.25	0.17	1.3	0.082	2.68	22.3	11.0	0.84	723	2.42	1.77	7.2	2.8
N814097		77.6	3.66	16.45	0.16	1.5	0.193	3.04	20.9	21.8	0.61	1330	1.41	0.19	7.6	2.7
N814098		100.5	14.15	13.45	0.13	0.8	0.181	2.25	10.9	7.8	0.25	246	2.43	0.03	3.8	4.7
N814099		11.4	3.40	17.35	0.16	4.1	0.037	1.78	39.5	58.7	0.85	1280	5.36	0.04	15.0	17.6
N814100		11.5	2.31	15.40	0.19	3.0	0.024	2.66	29.9	69.9	1.05	1280	1.41	0.07	8.3	5.1
N814101		509	6.82	16.90	0.16	1.6	0.454	2.97	24.4	17.0	0.33	273	7.30	0.03	6.2	3.5
N814102		141.5	5.17	14.20	0.14	1.1	0.289	2.31	17.8	32.3	0.60	1080	6.67	0.03	6.1	2.8
N814103		0.9	0.46	0.25	0.12	<0.1	0.005	0.04	0.6	1.1	13.40	208	0.12	0.01	0.3	1.3
N814104		766	5.69	16.75	0.15	1.4	0.440	3.26	28.5	9.6	0.48	669	1.68	0.03	7.2	2.8
N814105		94.9	5.42	14.60	0.15	1.2	0.430	2.87	27.0	21.8	0.63	962	1.86	0.03	6.9	2.6
N814106		13.3	3.12	15.40	0.14	1.4	0.069	2.65	21.3	29.4	0.79	860	2.19	1.10	7.7	2.5
N814107		33.5	3.04	15.20	0.14	1.2	0.158	2.72	17.0	15.0	0.82	835	1.26	1.73	7.3	2.6
N814108		461	6.59	13.45	0.14	1.0	1.700	2.70	22.5	23.5	0.94	2000	12.05	0.04	5.6	15.6
N814109		7.9	3.01	14.95	0.15	1.5	0.043	2.65	19.6	12.9	0.78	757	0.95	1.87	7.5	2.6
N814110		22.5	3.33	15.85	0.16	1.3	0.119	2.82	22.2	18.2	0.81	1050	1.93	1.32	7.9	2.9
N814111		5.5	2.79	14.90	0.18	1.5	0.039	2.71	20.8	29.9	0.67	742	1.83	0.98	7.8	2.5
N814112		6.5	2.96	15.50	0.18	1.5	0.039	2.62	20.6	16.1	0.74	833	1.87	1.65	7.7	2.5
N814113		6.1	2.81	15.05	0.18	1.5	0.034	2.54	22.3	15.8	0.73	797	2.39	1.59	7.5	2.4
N814114		6.7	2.96	16.30	0.15	1.4	0.036	2.56	17.6	14.9	0.68	821	1.48	1.90	8.3	2.6
N814115		17.4	3.36	14.95	0.16	1.3	0.072	2.42	18.7	42.7	0.80	1250	1.52	0.32	7.3	2.4
N814116		11.9	3.25	15.35	0.14	1.3	0.055	2.57	20.1	22.5	0.75	971	0.99	1.37	7.4	2.3
N814117		10.6	2.88	15.50	0.16	1.3	0.037	2.18	18.4	94.9	0.58	874	4.87	0.05	7.6	2.2
N814118		38.4	2.73	16.50	0.17	1.1	0.105	2.47	23.4	19.7	0.75	1060	1.32	0.05	7.9	3.0
N814119		2.7	0.46	0.42	<0.05	<0.1	<0.005	0.03	0.6	1.4	12.75	207	0.10	<0.01	0.3	3.1
N814120		12.2	3.16	19.00	0.19	1.4	0.074	2.38	23.9	24.3	0.73	834	1.85	0.98	9.1	2.8
N814121		5.3	3.09	18.70	0.22	1.2	0.044	2.39	21.1	10.6	0.74	742	2.46	1.78	8.7	2.8
N814122		11.9	3.58	17.40	0.17	1.2	0.096	2.43	19.2	41.1	0.64	756	1.41	0.24	8.8	2.6
N814123		17.3	3.24	17.75	0.18	1.2	0.112	2.61	17.5	19.5	0.60	682	2.30	0.92	8.5	2.7
N814124		656	5.25	16.20	0.21	1.2	0.717	3.26	30.4	10.9	0.78	1430	2.72	0.20	8.2	2.9
N814125		15.1	3.02	16.65	0.21	1.5	0.069	2.66	24.9	11.2	0.76	762	1.54	1.73	8.8	2.6
N814126		5.5	3.03	17.10	0.23	1.6	0.046	2.64	21.7	12.4	0.77	653	1.43	1.97	9.4	2.9
N814127		4.2	3.21	17.70	0.13	1.5	0.042	2.41	18.3	17.5	0.90	817	1.72	1.53	9.8	3.2
N814128		7.7	3.60	18.30	0.21	1.6	0.056	2.43	23.5	19.7	0.99	786	1.05	1.75	10.8	3.9
N814129		6.7	3.45	18.80	0.22	1.6	0.052	2.58	22.4	18.8	0.92	727	1.11	1.75	10.6	3.9



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**CERTIFICATE OF ANALYSIS WH12183293**

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02
N814094		450	9540	138.0	<0.002	7.20	213	7.1	1	8.3	125.0	0.44	0.42	9.5	0.186	2.09
N814095		600	23.2	115.0	<0.002	0.07	7.81	11.2	1	2.9	222	0.84	<0.05	13.0	0.276	1.08
N814096		600	33.0	128.0	0.002	0.22	3.48	11.5	2	1.6	366	0.62	0.25	12.5	0.270	1.24
N814097		610	66.4	163.0	<0.002	1.23	9.19	11.5	1	3.1	93.4	0.69	0.33	13.6	0.275	2.02
N814098		390	287	129.0	<0.002	>10.0	82.0	6.9	2	11.2	14.8	0.34	1.76	7.6	0.146	1.61
N814099		1680	16.5	91.4	0.002	0.30	30.7	9.6	1	1.6	141.5	0.85	<0.05	9.1	0.459	1.70
N814100		900	10.0	148.0	<0.002	0.14	13.25	6.5	1	1.2	176.0	0.57	<0.05	9.6	0.256	2.39
N814101		550	121.5	194.5	<0.002	6.85	133.0	9.5	1	8.7	22.3	0.54	0.97	13.3	0.230	2.43
N814102		510	157.5	138.5	<0.002	3.74	61.1	9.9	1	4.9	67.7	0.55	0.45	11.9	0.222	1.93
N814103		200	2.0	1.8	<0.002	0.02	0.23	0.2	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.02
N814104		590	212	232	<0.002	5.00	74.8	11.0	1	7.7	25.4	0.70	0.34	15.3	0.252	2.54
N814105		570	283	206	<0.002	4.09	20.7	10.6	1	5.5	53.2	0.66	0.15	15.4	0.245	2.45
N814106		620	42.8	116.0	<0.002	0.16	4.76	11.0	1	1.7	265	0.68	<0.05	13.4	0.266	1.21
N814107		600	42.0	114.0	<0.002	0.23	2.81	10.4	1	1.6	330	0.63	<0.05	12.2	0.256	1.16
N814108		460	2880	177.0	<0.002	5.00	94.2	8.7	1	7.9	94.6	0.48	0.30	11.8	0.188	2.28
N814109		610	19.4	100.5	<0.002	0.10	2.82	10.2	1	1.5	338	0.70	0.05	14.0	0.264	0.99
N814110		610	63.2	130.0	<0.002	0.25	9.93	11.3	1	1.9	275	0.68	<0.05	14.5	0.264	1.29
N814111		590	16.0	109.5	<0.002	0.04	5.46	10.2	1	1.5	236	0.73	<0.05	15.1	0.266	1.05
N814112		610	17.8	105.0	<0.002	0.03	4.09	10.5	1	1.5	335	0.72	<0.05	14.5	0.268	0.91
N814113		590	17.4	111.0	<0.002	0.02	3.76	10.6	1	1.5	328	0.67	<0.05	14.4	0.258	0.90
N814114		630	16.0	99.2	<0.002	0.03	2.73	10.7	1	1.6	355	0.74	<0.05	12.5	0.276	0.95
N814115		670	16.0	90.9	<0.002	0.47	10.30	11.0	1	1.8	154.0	0.63	0.09	11.8	0.275	1.18
N814116		640	17.5	107.0	<0.002	0.33	6.38	10.8	1	1.7	302	0.67	0.10	13.8	0.269	1.16
N814117		580	12.5	85.0	<0.002	0.11	18.75	10.7	1	1.6	123.5	0.73	<0.05	14.4	0.256	1.09
N814118		550	30.8	94.8	<0.002	0.45	20.6	11.6	1	1.9	102.5	0.64	0.15	13.0	0.240	1.88
N814119		200	1.4	1.5	<0.002	0.01	0.08	0.4	3	<0.2	55.1	<0.05	<0.05	0.2	<0.005	<0.02
N814120		620	15.2	104.0	<0.002	0.21	6.26	13.4	1	1.8	256	0.79	0.08	13.5	0.271	1.17
N814121		620	17.8	92.5	<0.002	0.10	2.91	12.5	1	1.6	352	0.77	0.07	11.8	0.265	1.13
N814122		620	24.0	84.8	<0.002	0.94	13.05	12.5	1	2.5	135.0	0.71	0.29	10.7	0.274	1.46
N814123		630	25.2	86.7	<0.002	0.30	8.40	11.7	1	1.9	237	0.73	0.09	10.1	0.269	1.26
N814124		590	1250	187.0	<0.002	3.30	64.4	12.1	2	3.7	87.1	0.76	0.52	14.9	0.256	2.84
N814125		590	138.0	120.5	<0.002	0.09	3.76	11.6	1	1.9	329	0.89	<0.05	15.5	0.250	1.34
N814126		590	20.0	106.5	<0.002	0.04	2.66	12.0	1	1.9	360	0.89	<0.05	13.6	0.264	1.24
N814127		610	17.7	85.4	<0.002	0.04	3.19	11.4	1	1.8	327	0.88	<0.05	11.0	0.268	1.28
N814128		710	16.0	97.2	<0.002	0.01	4.61	15.8	2	2.1	329	1.22	<0.05	11.9	0.322	1.14
N814129		700	15.7	97.6	<0.002	0.01	4.29	14.1	2	2.1	330	1.24	<0.05	11.7	0.317	1.19



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 Account: ROCKHA

Project: Klaza - 97

**CERTIFICATE OF ANALYSIS WH12183293**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N814094		5.1	53	4.5	9.3	>10000	29.9	121	1.630
N814095		5.4	75	4.8	17.9	65	35.2		
N814096		3.7	76	2.1	16.8	58	33.0		
N814097		3.0	78	5.2	14.0	115	38.3		
N814098		1.7	48	7.8	6.6	91	19.0		
N814099		9.0	79	13.1	19.1	91	168.0		
N814100		5.7	57	1.4	15.5	52	113.0		
N814101		6.3	66	10.1	9.6	477	30.7		
N814102		6.6	65	7.6	10.0	203	27.0		
N814103		0.6	3	0.1	0.9	15	<0.5		
N814104		6.3	71	9.0	11.4	548	31.2		
N814105		6.9	69	5.7	12.5	868	29.5		
N814106		4.5	75	3.4	16.6	93	33.4		
N814107		3.9	72	0.9	15.0	193	32.8		
N814108		5.2	59	5.5	10.6	5460	25.3		
N814109		4.4	74	1.8	15.8	58	37.0		
N814110		4.6	76	2.8	16.5	190	35.7		
N814111		4.4	73	4.6	16.7	47	37.8		
N814112		4.3	76	2.5	16.5	55	37.2		
N814113		4.4	72	2.4	16.4	54	36.4		
N814114		4.6	77	1.8	15.4	54	34.7		
N814115		4.2	82	4.0	16.3	59	30.6		
N814116		4.4	80	1.3	15.9	55	32.1		
N814117		3.4	74	2.7	14.1	56	32.8		
N814118		6.3	68	2.5	12.7	68	32.3		
N814119		1.0	3	0.1	0.9	16	<0.5		
N814120		4.2	76	2.2	17.3	52	37.2		
N814121		3.7	76	2.0	16.8	46	32.4		
N814122		3.4	81	3.0	13.8	61	31.2		
N814123		3.2	77	2.9	13.3	61	31.2		
N814124		7.6	74	3.8	12.5	2790	30.8		
N814125		5.7	70	1.9	16.2	231	33.5		
N814126		5.5	76	1.8	16.7	57	40.6		
N814127		4.9	79	2.4	17.2	54	38.5		
N814128		4.5	106	3.3	20.4	55	39.4		
N814129		5.2	101	3.5	18.8	54	39.5		



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**CERTIFICATE OF ANALYSIS WH12183293**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12183294**

Project: Klaza - 97

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
MATT TURNER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12183294**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N814130		3.34	<0.005	0.11	6.98	22.9	2470	1.41	0.14	2.68	0.14	41.6	7.2	15	14.40	7.9
N814131		3.54	<0.005	0.07	7.09	7.8	1850	1.40	0.14	2.76	0.14	39.7	7.7	9	17.65	6.2
N814132		0.26	0.842	9.57	6.82	1850	580	1.40	5.73	1.80	43.2	45.2	17.7	20	16.10	107.0
N814133		7.76	<0.005	0.16	7.73	4.3	2090	1.65	0.18	2.53	0.15	48.6	8.7	11	7.25	4.7
N814134		5.98	<0.005	0.07	6.93	4.3	1980	1.40	0.22	2.78	0.11	38.1	8.2	10	8.25	4.4
N814135		4.07	0.135	22.0	7.09	194.5	2340	1.46	4.92	2.80	5.52	42.1	9.3	9	15.30	392
N814136		5.40	<0.005	0.08	0.13	<5	180	0.08	0.04	21.3	0.08	1.52	2.0	1	0.29	4.2
N814137		5.77	0.022	1.40	9.72	64.1	2900	1.87	0.85	3.33	3.58	69.1	14.7	16	12.15	42.1
N814138		6.72	<0.005	0.10	7.57	4.5	2050	1.33	0.14	2.79	0.17	36.7	9.3	11	6.35	11.7
N814139		3.01	<0.005	0.08	7.42	2.6	1990	1.14	0.07	3.63	0.11	49.0	7.6	8	7.81	5.5
N814140		4.47	<0.005	0.07	7.63	2.0	2000	1.33	0.05	2.14	0.06	39.9	8.7	10	9.33	8.4
N814141		7.00	<0.005	0.06	7.26	2.7	2090	1.47	0.06	2.87	0.09	37.5	9.0	10	9.22	4.3
N814142		7.71	<0.005	0.06	7.31	3.9	2040	1.69	0.06	2.66	0.09	43.6	7.9	10	8.21	5.2
N814143		2.22	<0.005	0.87	7.44	10.3	2330	1.09	0.98	1.76	0.27	42.6	6.6	9	8.43	46.9
N814144		3.51	0.130	5.89	6.31	981	1120	1.17	3.82	1.72	11.15	44.5	7.3	7	13.45	185.0
N814145		3.47	<0.005	0.01	0.09	<5	30	0.05	0.03	21.3	0.08	1.21	1.8	1	0.27	2.6
N814146		3.69	<0.005	0.19	7.08	12.8	1810	1.66	0.08	2.50	2.23	39.5	8.1	11	10.65	5.2
N814147		7.15	<0.005	0.02	2.95	1.2	810	0.61	0.03	0.97	0.03	19.70	3.2	4	2.78	1.8
N814148		3.72	0.013	3.61	7.29	48.1	1850	1.40	1.17	2.53	13.65	44.9	8.5	9	7.35	100.0
N814149		4.06	<0.005	0.40	7.16	5.8	2030	1.45	0.27	2.49	2.41	46.6	8.0	11	8.17	13.8
N814150		4.60	<0.005	0.15	7.63	1.8	2040	1.38	0.12	2.44	0.63	48.0	7.7	10	6.27	10.5
N814151		6.63	<0.005	0.07	7.59	1.7	2120	1.62	0.08	2.47	0.10	50.8	7.6	11	6.59	3.8
N814152		2.64	0.012	0.88	7.49	16.1	2110	1.40	1.35	2.51	0.32	54.0	13.5	10	6.96	62.0
N814153		7.15	<0.005	0.40	7.42	6.7	1970	1.48	0.54	2.44	0.30	47.3	9.1	10	7.14	14.7
N814154		6.58	<0.005	0.09	7.31	4.2	2150	1.53	0.20	2.67	0.19	50.4	7.1	16	6.72	8.1
N814155		<0.02	<0.005	0.08	7.25	4.3	2150	1.56	0.19	2.67	0.15	44.5	7.1	12	6.75	3.7
N814156		2.55	0.013	0.88	7.18	19.6	2190	1.46	1.90	3.12	0.53	45.9	8.1	9	8.80	18.9
N814157		2.87	<0.005	0.14	7.19	6.7	2080	1.38	0.25	2.60	0.21	43.8	6.3	11	4.93	5.9
N814158		1.66	<0.005	0.09	7.35	5.4	2120	1.42	0.22	2.64	0.15	39.5	5.6	9	4.67	5.2
N814159		3.30	0.013	0.83	7.14	24.8	1980	1.55	0.60	2.90	3.87	43.7	7.2	10	9.03	42.6
N814160		2.43	<0.005	0.29	7.49	9.4	2130	1.66	0.39	2.84	0.23	44.8	6.3	12	7.96	20.3
N814161		3.69	0.021	5.56	6.94	79.9	1990	1.42	2.37	2.69	6.01	49.2	7.3	9	12.20	356
N814162		0.26	0.804	10.45	6.85	1870	1170	1.50	6.90	1.97	41.4	47.6	16.0	19	16.10	114.0
N814163		2.82	<0.005	0.63	7.21	11.0	2410	1.50	0.36	2.71	0.36	87.7	6.9	13	7.28	29.6
N814164		4.88	<0.005	0.89	7.60	12.5	2220	1.47	0.65	1.95	1.61	56.1	6.8	10	9.22	78.8
N814165		2.79	0.005	1.25	7.14	23.8	1900	1.71	1.62	2.44	1.10	44.1	5.2	10	10.40	94.4



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Finalized Date: 24-AUG-2012  
Account: ROCKHA

Project: Klaza - 97

**CERTIFICATE OF ANALYSIS WH12183294**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814130		2.66	17.65	0.19	2.0	0.037	2.47	20.8	20.6	0.76	589	1.11	1.08	8.7	5.9	580
N814131		2.83	16.50	0.20	1.4	0.040	2.41	19.4	18.6	0.80	619	1.25	1.29	8.2	2.7	590
N814132		5.36	15.20	0.20	1.3	0.912	2.80	23.3	24.1	0.70	2000	12.55	0.25	8.4	15.3	500
N814133		3.01	17.80	0.24	1.3	0.043	2.52	25.5	13.4	0.84	613	1.74	2.12	8.7	3.0	600
N814134		2.83	16.50	0.21	1.4	0.043	2.52	17.5	12.9	0.70	670	1.41	1.96	8.4	2.9	570
N814135		3.65	16.20	0.20	1.3	0.883	2.72	21.0	12.1	0.72	855	1.81	1.22	8.1	2.7	540
N814136		0.50	0.52	0.05	<0.1	0.006	0.04	0.8	1.1	13.00	221	0.11	0.02	0.3	2.5	190
N814137		5.46	25.5	0.25	1.8	0.293	4.01	32.8	16.9	1.36	1510	3.07	2.31	13.9	4.7	980
N814138		3.02	17.90	0.21	1.2	0.037	2.44	17.5	14.4	0.88	655	1.23	1.94	8.2	2.8	610
N814139		2.79	17.30	0.19	1.3	0.034	2.49	25.6	30.9	0.64	788	1.08	0.43	8.5	2.8	600
N814140		3.20	16.65	0.18	1.2	0.031	2.68	20.2	27.9	0.72	503	1.18	0.84	8.6	3.0	590
N814141		3.03	16.70	0.21	1.2	0.035	2.48	17.7	18.7	0.76	640	2.33	1.57	8.6	3.2	610
N814142		2.87	16.30	0.20	1.3	0.030	2.60	22.4	15.0	0.69	629	1.29	1.78	8.6	2.9	560
N814143		2.81	16.40	0.17	1.2	0.050	2.86	22.0	28.7	0.51	726	1.47	0.19	8.2	3.1	570
N814144		3.38	12.40	0.16	1.1	0.684	2.36	24.9	15.3	0.68	1300	1.48	0.10	6.6	2.2	450
N814145		0.49	0.41	0.05	<0.1	<0.005	0.03	0.6	1.1	13.05	216	0.19	<0.01	0.3	2.4	160
N814146		2.83	18.05	0.19	1.3	0.035	2.62	18.9	9.2	0.66	1000	1.62	1.73	8.7	2.8	550
N814147		1.11	7.27	0.15	0.4	0.011	0.95	11.0	4.5	0.28	243	0.54	0.77	3.2	1.2	210
N814148		3.74	16.60	0.20	1.3	0.218	2.78	23.2	10.8	0.81	1550	1.39	1.08	8.0	2.6	560
N814149		2.97	15.85	0.19	1.2	0.051	2.52	23.4	10.1	0.78	738	1.22	1.72	8.2	2.7	570
N814150		3.03	15.75	0.23	1.4	0.042	2.58	25.0	11.3	0.84	672	1.40	2.08	8.6	2.9	630
N814151		2.92	15.85	0.22	1.4	0.034	2.54	26.6	12.7	0.78	605	1.38	2.12	8.3	2.9	590
N814152		3.33	15.20	0.23	1.2	0.110	2.63	29.2	9.0	0.74	1100	2.27	1.50	7.6	2.8	590
N814153		3.12	15.20	0.21	1.1	0.062	2.57	24.7	8.8	0.72	846	1.37	1.61	7.7	2.8	590
N814154		3.03	15.35	0.14	1.1	0.041	2.77	22.8	14.2	0.76	549	0.95	2.28	7.6	4.7	620
N814155		3.06	15.60	0.13	0.9	0.045	2.76	21.2	13.7	0.76	554	0.81	2.31	7.7	3.3	620
N814156		3.44	15.75	0.18	0.9	0.072	2.82	21.3	13.7	0.77	893	0.48	1.46	7.4	2.7	600
N814157		3.01	15.75	0.14	1.0	0.049	2.72	20.3	11.8	0.76	568	0.52	2.20	7.6	2.3	610
N814158		2.97	15.35	0.13	1.0	0.041	2.68	18.3	11.2	0.76	555	0.54	2.28	7.3	2.1	610
N814159		3.62	16.00	0.15	1.0	0.157	2.90	18.3	13.4	0.88	973	0.60	1.74	7.5	2.2	620
N814160		3.36	16.45	0.15	1.0	0.054	2.72	19.1	12.1	0.82	696	1.06	2.19	8.1	2.3	710
N814161		4.27	16.00	0.16	1.0	0.438	2.73	24.5	17.4	0.85	1200	1.14	0.78	7.5	2.2	580
N814162		5.61	14.90	0.15	1.3	0.916	2.94	25.8	24.9	0.72	2010	11.95	0.28	7.1	14.8	540
N814163		3.29	16.95	0.17	1.1	0.074	2.94	45.3	16.4	0.79	727	1.79	2.08	8.1	2.2	620
N814164		3.32	16.50	0.15	1.2	0.116	2.90	28.0	30.1	0.64	808	2.64	0.88	8.3	1.9	630
N814165		3.10	15.35	0.15	1.1	0.151	3.09	21.1	14.9	0.73	984	2.31	1.26	7.3	1.9	560



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**CERTIFICATE OF ANALYSIS WH12183294**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N814130		16.3	88.4	<0.002	0.06	7.39	9.7	1	1.9	276	0.71	<0.05	12.0	0.252	4.1
N814131		15.0	90.7	<0.002	0.02	4.59	11.2	1	1.7	309	0.69	<0.05	12.2	0.251	3.7
N814132		1325	149.5	0.002	3.16	34.6	9.7	2	6.2	148.5	0.70	0.33	11.6	0.211	4.9
N814133		17.4	104.5	<0.002	0.02	1.37	12.6	2	1.7	387	0.73	0.06	15.3	0.261	5.0
N814134		16.1	85.6	<0.002	0.01	2.17	10.6	1	2.0	363	0.72	<0.05	10.6	0.244	4.0
N814135		132.0	117.5	<0.002	1.28	51.1	11.5	1	2.9	263	0.67	0.27	12.5	0.237	5.6
N814136		2.1	2.4	<0.002	0.02	0.30	0.4	3	<0.2	56.9	<0.05	<0.05	0.2	<0.005	0.8
N814137		127.5	142.0	<0.002	0.56	6.66	19.5	2	3.4	411	1.07	<0.05	16.8	0.439	5.7
N814138		17.9	98.9	<0.002	0.03	1.79	12.6	2	1.6	380	0.62	<0.05	14.4	0.264	3.7
N814139		17.3	80.3	<0.002	0.02	8.07	11.2	1	1.7	239	0.74	<0.05	12.5	0.256	3.2
N814140		16.2	89.5	<0.002	0.01	5.04	10.6	1	2.0	244	0.76	<0.05	13.8	0.256	2.9
N814141		15.2	84.0	<0.002	0.01	3.15	10.9	1	1.6	347	0.73	<0.05	11.0	0.257	3.7
N814142		17.8	97.1	<0.002	0.01	2.19	10.8	1	1.7	338	0.87	<0.05	14.3	0.241	5.1
N814143		25.8	97.3	<0.002	0.08	6.70	10.2	1	2.0	127.5	0.70	<0.05	13.4	0.236	3.5
N814144		258	125.5	<0.002	1.19	39.5	8.9	1	2.0	89.2	0.67	0.06	12.8	0.186	4.4
N814145		1.7	1.9	<0.002	0.01	0.08	0.4	2	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	0.5
N814146		45.7	106.0	<0.002	0.05	2.37	11.0	1	2.1	317	0.84	<0.05	12.2	0.235	4.3
N814147		7.2	50.1	<0.002	0.01	0.48	4.9	2	0.6	142.5	0.28	<0.05	6.1	0.091	2.1
N814148		800	128.5	<0.002	0.88	3.23	10.7	2	1.9	226	0.76	0.06	13.1	0.235	4.4
N814149		99.4	92.6	<0.002	0.10	1.86	10.8	1	1.8	330	0.75	<0.05	14.1	0.245	4.3
N814150		26.7	105.5	<0.002	0.03	1.16	10.8	1	1.8	352	0.85	<0.05	14.5	0.258	5.1
N814151		17.1	100.5	<0.002	0.01	0.91	10.9	1	1.7	369	0.80	<0.05	14.3	0.249	4.8
N814152		23.6	105.5	<0.002	0.39	3.08	11.8	1	2.1	271	0.66	0.24	14.7	0.239	4.7
N814153		28.3	99.2	<0.002	0.16	2.39	10.9	1	2.0	301	0.67	0.09	13.5	0.245	3.9
N814154		23.2	101.0	0.004	0.02	1.37	10.1	1	1.7	412	0.62	<0.05	13.7	0.261	3.6
N814155		20.1	92.5	0.002	0.02	1.42	9.9	1	1.7	415	0.62	<0.05	12.1	0.261	3.0
N814156		34.9	113.5	<0.002	0.74	3.91	10.2	1	2.1	290	0.56	0.27	12.2	0.241	3.7
N814157		20.5	100.0	0.005	0.10	1.34	10.3	1	1.8	370	0.59	<0.05	12.1	0.256	3.4
N814158		18.7	100.0	<0.002	0.08	1.26	9.8	<1	1.9	383	0.59	<0.05	11.3	0.247	3.3
N814159		77.2	111.5	<0.002	0.42	2.08	10.3	1	2.3	323	0.58	0.08	10.2	0.251	3.3
N814160		24.9	99.9	0.003	0.14	1.91	10.9	1	2.1	375	0.66	0.06	10.4	0.269	3.2
N814161		145.0	110.0	0.005	1.01	13.50	10.2	2	2.6	211	0.64	0.47	11.4	0.224	3.8
N814162		1345	171.5	0.003	3.45	33.3	9.2	1	6.1	153.0	0.58	0.36	12.7	0.214	5.3
N814163		31.4	101.5	0.003	0.14	1.31	9.9	1	1.9	369	0.71	0.09	16.5	0.262	3.3
N814164		75.1	122.0	0.003	0.24	6.03	10.2	<1	2.3	193.5	0.75	0.08	15.5	0.249	3.9
N814165		54.8	129.0	0.003	0.56	10.20	8.8	1	2.2	255	0.72	0.12	13.6	0.219	4.5



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**CERTIFICATE OF ANALYSIS WH12183294**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814130		66	1.9	14.4	46	69.4
N814131		70	2.4	14.6	50	38.4
N814132		58	5.5	11.3	3040	41.5
N814133		72	1.5	17.0	48	34.1
N814134		69	1.5	14.7	44	38.9
N814135		67	1.6	14.2	469	35.7
N814136		3	0.1	1.0	18	0.6
N814137		126	3.0	24.5	435	50.7
N814138		73	1.6	16.2	50	34.7
N814139		69	4.5	17.8	47	34.0
N814140		69	2.8	12.7	45	29.7
N814141		71	2.1	14.1	47	28.7
N814142		65	1.9	15.0	48	31.3
N814143		65	7.7	12.7	64	30.8
N814144		52	3.5	13.1	1080	23.9
N814145		3	0.1	0.8	16	<0.5
N814146		64	2.8	15.0	245	32.1
N814147		25	0.7	6.8	18	12.7
N814148		67	1.9	13.8	1620	29.2
N814149		67	1.4	14.9	213	29.4
N814150		74	1.4	16.5	85	31.7
N814151		68	1.5	16.1	45	31.9
N814152		69	1.7	15.0	96	26.9
N814153		69	1.5	14.1	72	25.3
N814154		71	1.0	14.7	49	23.2
N814155		71	0.9	14.5	49	21.6
N814156		67	1.9	14.2	85	20.6
N814157		70	0.8	14.2	53	21.6
N814158		67	0.8	13.6	47	21.9
N814159		71	1.1	13.9	397	22.0
N814160		77	1.1	15.0	55	23.3
N814161		67	1.5	14.1	552	22.1
N814162		60	4.9	11.4	3060	37.2
N814163		72	1.3	15.0	61	25.7
N814164		66	4.6	15.3	174	27.7
N814165		61	1.8	12.7	131	24.6



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**CERTIFICATE OF ANALYSIS WH12183294**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12183295**

Project: Klaza - 97

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12183295**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N814166		4.91	<0.005	0.08	7.77	4.2	2130	1.65	0.17	2.70	0.17	55.7	6.1	12	5.75	3.4
N814167		0.23	0.747	10.55	7.15	1910	1290	1.62	6.88	2.07	43.0	52.7	16.5	20	16.95	116.0
N814168		3.80	<0.005	0.20	7.65	7.5	1970	1.57	0.10	2.66	0.20	53.3	7.3	13	4.46	5.7
N814169		3.89	<0.005	0.10	7.50	5.3	1930	1.65	0.22	2.48	0.12	57.5	6.5	11	4.23	5.1
N814170		2.48	0.025	1.18	7.51	35.5	2020	1.70	0.60	2.35	5.20	53.9	7.1	10	6.40	62.5
N814171		3.81	<0.005	0.08	7.52	3.7	2060	1.78	0.10	2.77	0.09	52.5	7.3	10	4.64	3.1
N814172		2.49	<0.005	0.09	7.31	2.0	2160	1.63	0.18	2.72	0.16	49.8	7.0	10	4.26	3.2
N814173		6.33	0.020	3.42	6.87	23.9	1930	1.49	0.84	2.61	2.18	44.4	6.5	9	12.90	498
N814174		3.30	<0.005	0.10	0.11	<5	40	0.07	0.04	21.2	0.07	1.44	0.8	1	0.35	3.7
N814175		4.27	<0.005	0.15	7.72	4.2	2230	1.53	0.18	3.00	0.14	53.7	7.3	10	8.42	5.9
N814176		3.16	0.100	2.23	7.36	178.5	1570	1.68	1.18	2.38	5.87	55.9	7.2	10	13.90	22.2
N814177		3.45	<0.005	0.13	7.68	5.2	1990	1.79	0.09	2.88	0.11	56.5	8.3	14	4.07	7.5
N814178		1.47	<0.005	0.04	7.77	5.1	2010	1.73	0.08	2.98	0.10	51.6	8.4	12	3.86	3.7
N814179		2.61	<0.005	0.93	7.57	20.3	1830	1.63	0.40	2.62	7.51	98.0	7.7	8	9.61	13.9
N814180		4.68	<0.005	0.06	7.68	4.5	2110	1.49	0.07	2.76	0.12	55.7	7.5	11	5.67	2.8
N814181		6.77	0.015	0.92	6.58	125.5	1720	1.64	0.66	3.01	5.07	36.2	6.3	10	15.65	74.6
N814182		4.99	<0.005	0.13	7.15	7.1	1860	1.78	0.23	2.85	0.27	49.0	5.4	10	14.70	2.7
N814183		5.14	0.005	0.29	6.90	23.3	1810	1.72	0.17	2.94	0.13	39.3	7.8	8	21.2	57.6
N814184		3.70	<0.005	0.04	0.10	<5	20	0.07	0.02	21.0	0.05	1.43	0.7	1	0.30	1.5
N814185		6.87	<0.005	0.07	7.42	6.7	2100	1.51	0.15	2.75	0.10	49.2	6.3	12	6.42	5.0
N814186		5.05	<0.005	0.06	7.47	4.3	2100	1.55	0.11	2.86	0.10	49.8	7.1	12	4.91	2.9
N814187		7.90	<0.005	0.05	7.43	4.2	2100	1.54	0.11	2.85	0.09	45.4	7.0	10	6.21	3.5
N814188		6.20	<0.005	0.15	7.31	9.2	1890	1.82	0.27	2.64	0.37	39.0	6.5	10	10.85	8.5
N814189		2.79	0.466	19.90	6.31	1970	940	1.29	18.10	2.79	6.34	44.2	6.5	6	7.06	578
N814190		2.60	0.489	9.38	6.37	6330	230	1.43	19.25	1.70	1.37	33.0	8.2	9	7.05	198.5
N814191		5.49	<0.005	0.40	7.49	27.8	2070	1.65	0.46	2.76	1.17	46.2	6.9	10	11.45	12.0
N814192		3.11	<0.005	0.75	7.74	46.2	1780	1.56	1.45	3.34	0.93	44.6	8.3	10	8.67	48.6
N814193		6.72	<0.005	0.11	7.62	8.3	2000	1.64	0.30	2.97	0.13	46.1	6.7	9	9.37	3.0
N814194		0.23	4.28	>100	5.33	8350	200	1.07	64.2	1.93	229	31.0	8.9	17	10.25	1250
N814195		7.41	<0.005	0.34	7.66	28.7	2300	1.55	0.34	2.75	0.51	44.1	6.6	13	5.48	6.2
N814196		3.11	<0.005	0.14	7.50	22.8	2240	1.62	0.44	2.71	0.24	46.1	4.2	10	5.87	1.6
N814197		<0.02	<0.005	0.13	7.52	52.3	2240	1.51	0.43	2.73	0.22	52.1	4.4	10	6.26	1.4
N814198		3.21	<0.005	0.60	7.10	16.2	870	1.54	1.02	2.33	5.38	49.4	11.9	9	4.84	17.2
N814199		7.41	<0.005	0.28	7.48	14.2	1210	1.65	1.04	2.73	0.33	46.7	4.4	9	5.63	11.4
N814200		7.90	0.011	0.14	7.65	13.4	1270	1.71	0.55	2.43	0.22	46.8	5.5	11	5.25	5.7
N814201		2.92	0.021	1.75	7.29	67.0	1810	1.45	1.57	2.22	4.27	51.0	6.6	11	6.29	51.7





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**CERTIFICATE OF ANALYSIS WH12183295**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814166		3.01	17.35	0.16	1.1	0.046	2.95	29.2	13.3	0.84	594	2.49	2.43	8.5	2.1	610
N814167		5.75	15.85	0.16	1.4	0.935	3.04	25.5	25.6	0.76	2090	12.50	0.29	7.4	15.8	550
N814168		3.13	15.80	0.15	1.1	0.038	2.76	26.9	12.3	0.93	691	1.86	2.47	8.1	2.6	670
N814169		2.78	16.75	0.16	1.2	0.038	2.83	29.5	11.2	0.76	572	1.99	2.38	8.2	2.0	560
N814170		3.31	15.35	0.17	1.1	0.209	3.01	27.3	11.9	0.75	805	0.58	2.07	7.7	2.4	580
N814171		3.07	16.40	0.16	1.1	0.038	2.65	25.6	13.4	0.82	603	0.49	2.48	8.6	2.1	620
N814172		3.09	16.55	0.16	1.0	0.047	2.74	23.8	11.6	0.82	679	0.65	2.38	8.5	2.4	650
N814173		3.25	15.60	0.17	1.0	0.126	2.98	20.0	23.7	0.75	1120	0.75	1.06	7.6	2.1	600
N814174		0.50	0.37	0.15	<0.1	0.007	0.05	0.7	1.3	12.75	217	0.20	0.02	0.3	0.9	170
N814175		3.24	16.60	0.20	1.0	0.052	2.47	25.2	11.6	0.88	808	0.43	2.36	8.5	2.5	680
N814176		4.08	16.65	0.16	1.0	0.110	2.77	29.2	19.2	0.77	1260	0.41	1.45	8.5	2.5	660
N814177		3.35	17.30	0.16	1.1	0.044	2.52	28.4	12.9	1.01	760	0.52	2.56	8.9	6.6	650
N814178		3.53	17.05	0.17	1.1	0.052	2.40	24.6	12.3	1.05	825	0.48	2.72	9.0	2.3	670
N814179		3.73	16.50	0.18	1.0	0.096	2.79	51.4	22.6	0.81	1120	0.93	1.75	7.8	1.9	630
N814180		3.18	16.60	0.16	1.1	0.036	2.60	29.5	12.6	0.85	609	0.86	2.55	8.2	2.4	640
N814181		3.47	14.90	0.14	0.9	0.242	2.28	15.8	20.6	0.91	1200	0.45	1.20	7.3	2.1	620
N814182		2.87	16.10	0.16	1.2	0.059	2.15	21.9	14.2	0.67	720	0.37	2.30	8.1	2.2	590
N814183		2.82	15.65	0.16	1.0	0.088	2.48	17.8	36.0	0.70	675	0.99	1.05	7.8	1.8	590
N814184		0.50	0.33	0.17	<0.1	0.006	0.04	0.8	1.4	12.65	217	0.21	0.01	0.2	0.8	200
N814185		3.01	16.20	0.20	1.0	0.045	2.73	24.9	13.1	0.86	630	1.76	2.37	8.1	2.0	650
N814186		3.04	16.20	0.16	0.9	0.043	2.60	24.8	11.8	0.83	630	1.60	2.42	7.9	2.5	640
N814187		3.05	16.15	0.16	1.0	0.040	2.55	21.1	12.9	0.81	605	2.73	2.41	8.2	3.0	660
N814188		3.18	17.45	0.16	1.1	0.083	2.27	16.6	17.3	0.78	790	0.45	2.55	8.9	2.8	640
N814189		7.35	13.55	0.16	0.8	0.563	2.71	21.7	14.0	1.15	1440	4.71	0.04	6.0	1.9	490
N814190		8.86	16.65	0.11	0.8	0.387	2.82	16.0	12.9	0.79	998	5.49	0.04	5.9	3.3	500
N814191		3.13	16.90	0.10	0.9	0.112	1.86	21.2	23.7	0.73	872	1.05	1.89	7.7	2.9	610
N814192		4.12	17.30	0.10	1.0	0.327	1.85	22.4	37.9	0.83	1070	1.82	2.07	7.2	3.7	590
N814193		2.83	16.00	0.12	1.0	0.060	1.65	22.6	14.6	0.79	696	1.58	2.51	8.1	2.8	650
N814194		8.00	12.95	0.10	1.1	4.14	2.17	14.6	31.2	0.62	3070	15.85	0.08	5.1	14.0	470
N814195		3.07	16.05	0.11	1.0	0.055	1.74	22.3	14.0	0.91	730	0.99	2.74	7.9	3.4	640
N814196		2.94	16.05	0.10	1.0	0.067	1.48	24.6	15.0	0.84	771	0.40	2.79	7.6	2.6	610
N814197		3.09	17.00	0.11	1.0	0.071	1.47	27.3	15.6	0.86	790	0.46	2.76	7.8	3.3	620
N814198		3.78	14.90	0.10	1.0	0.222	1.29	28.1	13.0	0.88	1020	0.33	2.22	6.7	2.7	560
N814199		3.55	16.05	0.11	1.1	0.136	1.37	23.8	19.5	0.82	1080	0.32	2.55	7.0	2.9	600
N814200		3.09	15.35	0.13	1.1	0.086	0.96	25.2	13.0	0.83	903	0.26	3.29	7.4	2.6	600
N814201		4.98	15.50	0.12	1.2	0.245	2.26	27.1	14.3	0.80	1560	0.44	1.16	7.4	3.2	590



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**CERTIFICATE OF ANALYSIS WH12183295**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814166		19.9	114.0	0.002	0.02	1.19	10.7	1	1.8	400	0.68	<0.05	15.4	0.253	1.13	4.0
N814167		1420	177.0	0.003	3.59	34.2	9.6	2	6.1	161.0	0.61	0.35	13.6	0.217	2.71	5.6
N814168		20.1	109.0	0.005	0.02	0.57	10.8	1	1.7	386	0.73	<0.05	14.4	0.260	1.03	5.0
N814169		17.9	120.0	0.003	0.01	1.62	10.1	1	1.6	371	0.82	<0.05	16.6	0.233	1.05	5.3
N814170		88.0	127.0	0.002	0.30	5.06	9.9	1	2.0	337	0.76	0.07	16.4	0.242	1.26	4.8
N814171		16.8	100.5	0.002	0.01	0.81	10.4	1	1.8	400	0.80	<0.05	14.3	0.260	0.99	5.0
N814172		19.4	100.0	0.003	0.03	1.11	10.7	1	1.7	389	0.69	<0.05	11.7	0.264	1.03	4.0
N814173		101.5	122.0	0.004	0.39	10.10	9.6	1	1.9	239	0.67	0.30	11.2	0.246	1.66	3.2
N814174		1.4	2.9	0.005	0.02	0.05	0.4	<1	0.2	45.5	<0.05	<0.05	0.2	<0.005	0.05	0.4
N814175		16.7	107.0	0.002	0.03	1.61	11.1	<1	1.7	394	0.70	<0.05	12.1	0.251	1.17	3.6
N814176		406	134.5	0.004	0.47	6.94	11.2	1	2.3	263	0.68	<0.05	12.3	0.266	1.57	4.0
N814177		23.3	103.0	0.004	0.01	0.78	13.3	1	2.0	395	0.76	<0.05	12.2	0.288	1.02	4.7
N814178		15.6	99.5	0.003	<0.01	0.74	13.6	1	2.0	405	0.78	<0.05	11.1	0.278	1.01	4.5
N814179		253	135.0	0.004	0.17	2.03	11.1	1	2.1	314	0.66	<0.05	17.9	0.251	1.48	4.2
N814180		17.4	102.5	0.006	0.02	0.71	10.4	1	1.7	413	0.65	0.05	12.4	0.251	1.14	3.7
N814181		185.0	106.0	0.003	0.44	19.20	9.8	1	2.2	234	0.61	0.05	9.6	0.229	1.76	4.0
N814182		19.9	86.8	0.003	0.06	2.67	9.5	1	1.8	368	0.72	<0.05	15.7	0.239	1.23	3.8
N814183		19.4	103.0	0.006	0.19	16.50	9.6	1	1.8	256	0.64	0.05	11.2	0.233	1.52	3.3
N814184		1.1	2.3	0.005	0.02	0.10	0.5	<1	0.2	42.6	<0.05	<0.05	0.2	<0.005	0.04	0.5
N814185		16.2	104.0	0.003	0.02	1.22	10.5	1	1.7	412	0.63	<0.05	12.2	0.278	1.04	3.4
N814186		16.3	96.6	0.004	0.01	0.87	10.6	1	1.7	401	0.58	<0.05	12.3	0.254	1.00	3.4
N814187		17.9	94.5	0.005	0.01	0.86	10.6	1	1.6	405	0.67	<0.05	11.4	0.259	1.04	3.5
N814188		24.9	97.6	0.005	0.07	2.49	10.8	1	2.2	372	0.78	<0.05	10.6	0.261	1.22	4.1
N814189		355	165.5	0.006	4.55	160.0	9.2	<1	4.5	64.0	0.51	0.22	11.2	0.179	2.55	7.3
N814190		167.5	147.0	<0.002	7.19	47.0	8.9	1	7.1	55.4	0.47	0.87	10.3	0.195	2.63	8.3
N814191		31.4	101.0	<0.002	0.27	5.54	10.8	1	2.5	349	0.58	0.06	10.9	0.249	1.31	4.0
N814192		31.3	93.8	<0.002	1.17	3.34	10.1	1	4.5	297	0.65	0.09	12.7	0.238	1.45	4.4
N814193		16.2	71.0	<0.002	0.06	3.05	10.7	1	2.1	414	0.59	<0.05	12.1	0.257	0.92	3.7
N814194		9690	131.5	<0.002	7.11	219	7.1	1	8.3	120.0	0.37	0.44	8.3	0.178	2.31	4.9
N814195		30.4	64.6	<0.002	0.04	2.42	10.1	1	1.9	514	0.59	0.05	11.9	0.259	0.94	3.8
N814196		22.6	63.1	<0.002	0.02	2.44	10.0	1	2.2	482	0.56	0.05	12.5	0.244	0.93	3.6
N814197		21.2	66.6	<0.002	0.02	2.48	10.6	1	2.3	481	0.57	0.05	13.1	0.251	0.91	3.8
N814198		115.5	85.8	<0.002	0.56	2.26	9.8	1	3.4	187.0	0.51	0.08	14.0	0.222	1.22	4.9
N814199		23.3	75.0	<0.002	0.18	2.92	9.3	1	3.4	259	0.58	0.07	13.4	0.232	1.26	4.4
N814200		21.4	45.9	<0.002	0.02	3.09	9.9	1	2.5	450	0.60	<0.05	14.7	0.241	0.70	4.1
N814201		287	124.5	<0.002	1.56	4.03	10.2	1	2.3	208	0.61	<0.05	13.9	0.231	1.88	4.5



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**CERTIFICATE OF ANALYSIS WH12183295**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N814166		68	1.2	16.5	49	27.6		
N814167		62	5.5	11.6	3150	40.1		
N814168		74	0.8	17.0	49	25.0		
N814169		62	0.8	17.1	40	28.1		
N814170		66	0.7	15.4	439	24.9		
N814171		71	0.5	16.6	41	25.9		
N814172		73	0.6	16.5	49	23.5		
N814173		68	1.6	13.2	218	20.6		
N814174		2	0.1	0.8	13	0.5		
N814175		71	0.7	16.7	47	24.2		
N814176		73	1.9	16.0	480	24.3		
N814177		84	0.5	18.9	52	24.4		
N814178		85	0.4	18.5	46	25.3		
N814179		69	1.5	16.1	577	23.7		
N814180		70	0.5	15.8	40	26.1		
N814181		68	2.7	12.6	453	22.0		
N814182		63	1.1	14.0	53	28.1		
N814183		63	1.9	13.3	47	23.5		
N814184		4	0.1	0.9	12	<0.5		
N814185		75	0.9	16.3	45	21.3		
N814186		70	0.6	16.3	41	22.4		
N814187		70	0.9	15.8	42	21.4		
N814188		71	1.1	17.3	67	23.6		
N814189		54	7.2	9.5	524	17.7		
N814190		63	8.0	8.1	142	15.9		
N814191		70	2.8	14.2	135	20.4		
N814192		80	1.7	13.2	110	20.1		
N814193		72	2.2	15.2	52	21.7		
N814194		52	4.2	7.7	>10000	26.7	123	1.525
N814195		73	1.6	14.8	80	21.3		
N814196		67	1.5	14.6	67	19.8		
N814197		68	1.7	15.6	66	21.4		
N814198		60	1.9	12.5	521	20.1		
N814199		69	2.1	11.8	99	22.4		
N814200		65	1.8	14.3	67	21.7		
N814201		67	2.5	12.9	457	23.7		



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**CERTIFICATE OF ANALYSIS WH12183295**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12183296**

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P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812438		3.00	0.117	0.45	7.12	408	1680	1.25	0.13	3.52	0.49	43.3	7.6	8	16.45	10.5
N812439		3.64	<0.005	0.07	7.10	6.6	1690	1.57	0.13	2.98	0.12	44.8	7.8	8	14.65	7.0
N812440		3.78	<0.005	0.05	7.22	5.5	1740	1.51	0.12	2.44	0.12	58.8	7.5	8	15.55	3.8
N812441		1.69	<0.005	0.14	7.25	6.7	1490	1.43	0.11	2.22	0.16	39.2	6.9	9	13.90	3.4
N812442		2.72	<0.005	0.07	7.15	3.2	1940	1.29	0.35	2.49	0.06	38.7	7.6	8	9.19	4.7
N812443		1.27	<0.005	0.06	7.27	3.3	1860	1.34	0.18	2.32	0.06	43.9	7.8	8	9.58	6.5
N812444		2.22	0.007	0.15	7.31	4.0	1400	1.57	0.64	3.07	0.06	45.6	8.4	7	13.25	9.6
N812445		5.40	<0.005	0.08	7.30	4.1	1890	1.31	2.15	2.60	0.05	41.7	7.7	9	10.00	9.3
N812446		4.28	<0.005	0.16	6.82	25.6	2380	1.53	0.26	2.60	0.24	40.8	7.7	8	18.00	3.9
N812447		2.90	<0.005	0.07	7.60	7.7	2160	1.54	0.17	2.44	0.10	40.4	8.3	10	16.45	6.4
N812448		4.19	<0.005	0.13	7.73	11.7	2350	1.31	0.17	2.29	0.34	45.0	7.8	10	15.95	7.6
N812449		1.80	0.068	58.1	7.16	189.0	1110	1.57	111.0	2.45	5.07	40.1	10.4	12	23.3	39.2
N812450		4.14	<0.005	0.11	0.10	<5	40	0.06	0.17	21.2	0.08	1.12	0.7	<1	0.25	1.6
N812451		1.56	<0.005	0.11	7.95	58.0	850	1.86	0.19	3.18	0.23	70.9	10.5	42	29.9	17.6
N812452		<0.02	<0.005	0.07	8.12	57.5	700	1.68	0.11	3.12	0.23	72.8	10.5	41	30.6	18.5
N812453		1.67	<0.005	0.11	7.09	16.4	1730	1.62	0.47	2.86	0.09	44.0	6.9	8	20.9	4.1
N812454		3.57	<0.005	0.09	7.58	4.4	2140	1.40	0.24	2.84	0.08	46.9	7.8	9	13.00	7.1
N812455		1.88	<0.005	0.23	7.31	12.4	1950	1.43	0.32	2.66	0.12	38.6	7.7	10	18.45	12.1
N812456		3.92	<0.005	0.06	7.42	5.8	2320	1.40	0.15	2.82	0.10	43.0	8.4	10	14.85	7.5
N812457		0.32	2.21	24.4	5.75	3530	800	1.20	18.85	2.20	77.7	39.9	10.4	18	13.00	419
N812458		3.29	<0.005	0.23	7.14	140.5	1870	1.48	0.19	3.14	0.26	47.6	8.2	9	18.75	8.8
N812459		4.63	<0.005	0.10	7.07	6.6	1960	1.52	0.16	2.89	0.12	41.5	8.1	9	20.8	7.8
N812460		4.97	<0.005	0.08	6.89	6.6	2130	1.40	0.17	1.85	0.10	42.4	7.5	9	18.25	5.3
N812461		1.87	0.009	0.40	6.74	131.0	1160	1.37	0.73	3.17	0.53	44.8	8.8	8	18.20	4.1
N812462		2.56	<0.005	0.09	7.44	18.3	1520	1.24	0.18	1.98	0.17	49.0	7.9	9	13.95	9.8
N812463		2.50	<0.005	0.07	7.21	12.1	790	1.20	0.23	1.40	0.37	44.4	6.9	8	11.95	5.7
N812464		2.32	0.035	0.58	6.57	167.5	960	1.22	1.47	1.94	0.75	48.9	6.9	8	18.25	5.7
N812465		1.61	<0.005	0.07	8.22	34.8	670	1.69	4.29	2.37	0.71	43.4	5.9	7	24.0	1.8
N812466		3.69	<0.005	0.01	0.16	<5	30	0.13	0.05	21.1	0.05	2.00	1.0	2	0.33	2.9
N812467		2.69	0.017	0.87	7.68	79.2	4180	2.06	2.38	2.88	4.34	58.8	8.6	9	22.7	16.2
N812468		1.44	<0.005	0.01	6.81	5.4	1940	1.52	0.34	2.42	0.09	45.8	7.0	8	18.95	2.7
N812469		3.37	<0.005	0.37	7.35	5.7	2460	1.68	0.40	2.33	0.27	54.1	7.8	8	13.80	15.6
N812470		0.24	0.769	9.17	6.59	1820	1130	1.39	6.07	1.88	38.3	46.8	14.6	19	16.05	112.5
N812471		3.87	<0.005	0.04	6.88	6.8	1900	1.23	0.24	2.78	0.12	45.6	7.1	9	12.65	8.5
N812472		2.58	<0.005	0.09	7.55	4.6	1760	1.48	1.92	2.49	0.23	53.0	8.4	8	15.00	5.9
N812473		2.06	<0.005	0.16	6.74	8.5	1550	1.58	1.71	2.82	0.24	40.4	7.3	9	14.85	4.3



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**CERTIFICATE OF ANALYSIS WH12183296**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812438		2.92	15.20	0.12	1.3	0.045	3.18	23.7	26.6	1.01	2600	0.76	0.37	6.7	2.6	600
N812439		2.93	15.75	0.12	1.4	0.030	2.49	20.9	13.6	0.69	841	0.57	2.07	7.4	2.8	590
N812440		2.90	15.20	0.14	1.3	0.032	2.66	31.8	49.3	0.69	897	0.36	1.70	7.1	2.6	590
N812441		3.12	14.75	0.11	1.3	0.040	2.67	19.0	86.2	0.80	1040	0.43	1.55	7.0	2.9	630
N812442		3.02	14.30	0.13	1.4	0.035	2.46	17.6	16.4	0.76	847	0.35	2.32	7.2	2.5	650
N812443		3.03	14.85	0.14	1.4	0.036	2.44	23.7	16.7	0.78	818	0.40	2.30	7.4	2.8	650
N812444		3.01	16.40	0.13	1.2	0.047	2.04	21.3	15.4	0.79	896	0.59	2.14	7.1	2.7	610
N812445		3.17	15.30	0.11	1.4	0.042	2.44	19.7	12.7	0.78	855	0.43	2.13	7.2	2.9	620
N812446		3.05	14.60	0.10	1.1	0.037	2.54	20.3	69.6	0.90	1600	0.25	0.57	6.7	2.6	580
N812447		3.20	16.50	0.14	1.3	0.036	2.63	19.1	15.7	0.78	842	0.65	2.01	7.6	3.3	660
N812448		3.25	16.35	0.11	1.4	0.033	2.69	22.3	19.9	0.76	1020	0.59	1.13	7.6	2.8	680
N812449		4.43	16.50	0.10	1.7	0.080	3.00	20.2	27.8	0.93	3720	3.49	0.56	7.5	7.0	740
N812450		0.48	0.26	0.09	<0.1	<0.005	0.03	0.6	1.2	12.55	225	0.11	0.01	0.1	1.6	180
N812451		3.45	18.10	0.17	4.3	0.032	1.54	38.3	348	1.49	911	1.00	0.05	10.0	16.8	1790
N812452		3.50	18.75	0.17	4.7	0.033	1.56	40.8	347	1.48	915	1.17	0.05	10.4	17.5	1850
N812453		3.02	15.60	0.13	1.5	0.042	2.97	21.7	20.3	0.78	1180	1.30	0.94	7.7	3.1	610
N812454		3.15	16.25	0.10	1.4	0.038	2.54	23.8	16.9	0.85	738	1.17	2.16	7.4	2.7	660
N812455		3.05	15.85	0.14	1.3	0.029	2.63	19.2	56.7	0.76	861	1.08	1.47	7.3	3.0	630
N812456		3.18	16.55	0.11	1.2	0.029	2.44	19.5	19.2	0.89	696	3.07	2.20	7.7	2.9	650
N812457		6.69	13.70	0.11	1.0	1.485	2.46	22.7	22.4	0.90	1940	12.50	0.04	5.3	15.1	450
N812458		3.06	16.40	0.10	1.2	0.034	2.73	25.7	29.0	0.91	1480	2.25	1.02	7.5	3.0	630
N812459		2.94	15.90	0.09	1.2	0.029	2.24	19.7	18.0	0.74	760	1.02	1.96	7.4	2.6	640
N812460		2.95	16.00	0.12	1.2	0.035	2.45	20.4	25.3	0.67	605	0.39	1.27	7.4	3.0	610
N812461		2.88	16.40	0.12	1.1	0.044	2.70	22.7	44.3	1.01	2120	0.26	0.11	6.9	3.2	570
N812462		2.90	17.00	0.11	1.2	0.043	2.48	25.6	51.0	0.72	787	0.75	0.08	8.8	3.8	650
N812463		2.95	14.05	0.10	1.0	0.038	1.82	23.8	53.2	0.63	755	0.46	0.05	7.8	3.1	620
N812464		2.56	14.20	0.10	0.9	0.052	2.43	27.5	34.0	0.68	2170	0.45	0.08	6.6	3.4	520
N812465		3.64	22.5	0.11	1.2	0.093	2.02	21.2	98.8	0.80	1470	0.17	1.01	9.2	2.5	670
N812466		0.47	0.44	0.05	<0.1	<0.005	0.06	0.9	2.2	12.70	213	0.16	0.01	0.3	0.9	200
N812467		3.28	18.45	0.13	1.4	0.122	2.77	30.3	52.3	0.90	2430	0.35	0.39	9.4	3.3	680
N812468		3.23	14.80	0.12	1.3	0.042	3.02	23.2	51.4	0.85	783	0.24	0.97	8.1	2.9	580
N812469		2.82	16.65	0.13	1.4	0.046	2.60	28.6	64.9	0.77	688	0.90	1.93	8.8	2.9	580
N812470		5.28	13.95	0.13	1.1	0.953	2.78	25.5	25.8	0.69	1920	12.25	0.27	7.4	17.2	480
N812471		3.01	14.80	0.08	1.2	0.039	2.38	23.4	16.2	0.80	742	0.57	2.05	8.5	3.2	580
N812472		3.23	15.80	0.12	1.2	0.049	2.25	28.0	20.1	0.98	961	0.25	2.33	9.0	3.1	660
N812473		2.95	15.50	0.10	1.1	0.046	2.37	20.4	24.1	0.79	1040	0.28	1.63	8.2	3.0	590



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**CERTIFICATE OF ANALYSIS WH12183296**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812438		37.4	165.5	<0.002	0.32	14.60	10.7	1	2.0	170.5	0.57	<0.05	11.1	0.254	2.37	4.1
N812439		11.7	106.5	<0.002	0.04	5.27	10.1	1	1.6	255	0.58	<0.05	10.5	0.248	1.37	2.9
N812440		13.7	124.5	<0.002	0.03	6.71	10.7	1	1.8	249	0.57	0.06	13.8	0.243	1.47	3.9
N812441		12.8	110.0	<0.002	0.06	10.15	10.3	1	1.7	276	0.54	<0.05	10.7	0.256	1.45	2.3
N812442		9.6	99.7	<0.002	0.02	4.04	9.9	1	1.6	265	0.59	<0.05	11.2	0.254	1.35	3.3
N812443		9.8	117.5	<0.002	0.01	4.00	10.8	1	1.7	259	0.58	<0.05	12.8	0.252	1.41	3.5
N812444		9.7	106.0	<0.002	0.02	4.87	10.4	1	1.6	233	0.56	<0.05	10.7	0.243	1.37	3.8
N812445		10.5	107.5	<0.002	0.02	4.14	10.3	1	1.5	277	0.62	<0.05	10.9	0.255	1.35	3.5
N812446		17.3	105.5	<0.002	0.18	13.65	10.3	1	1.5	224	0.53	<0.05	9.7	0.241	1.74	6.4
N812447		15.5	111.5	<0.002	0.02	4.02	11.8	1	1.6	346	0.57	<0.05	9.9	0.271	1.39	2.7
N812448		20.7	113.0	<0.002	0.05	11.85	11.6	1	1.7	255	0.59	<0.05	11.8	0.279	1.40	3.1
N812449		471	141.0	<0.002	1.91	35.2	10.3	2	1.9	290	0.53	0.13	10.1	0.274	2.50	4.8
N812450		1.9	1.6	<0.002	0.01	0.17	0.2	<1	0.3	51.3	<0.05	0.05	<0.2	<0.005	0.02	0.6
N812451		15.0	59.4	<0.002	0.05	33.7	8.7	1	1.5	683	0.57	0.06	7.6	0.446	0.85	2.8
N812452		13.4	60.9	<0.002	0.04	35.9	8.9	1	1.5	697	0.58	0.05	7.8	0.452	0.83	2.9
N812453		12.1	133.5	<0.002	0.09	5.73	10.0	1	1.6	267	0.77	<0.05	11.3	0.252	2.07	5.0
N812454		16.9	91.8	<0.002	<0.01	2.33	11.1	1	1.7	425	0.58	0.05	11.6	0.275	1.07	3.3
N812455		17.9	110.0	<0.002	0.05	7.78	10.4	1	1.7	341	0.56	<0.05	10.7	0.259	1.44	4.0
N812456		17.1	100.5	<0.002	<0.01	1.25	11.5	1	1.7	443	0.58	<0.05	10.7	0.268	1.06	3.3
N812457		2910	161.5	<0.002	4.71	91.2	7.7	<1	7.5	89.5	0.42	0.36	10.0	0.174	2.50	4.7
N812458		19.4	142.0	<0.002	0.14	10.30	11.7	1	2.1	314	0.55	<0.05	10.8	0.261	1.92	4.7
N812459		18.8	92.0	<0.002	0.01	4.09	11.1	1	1.7	418	0.52	<0.05	9.8	0.261	1.03	2.5
N812460		16.3	101.0	<0.002	0.01	11.10	11.1	1	1.6	284	0.52	<0.05	10.6	0.261	1.21	2.8
N812461		27.9	140.5	<0.002	0.31	15.45	11.1	2	1.6	176.0	0.48	0.06	9.9	0.240	2.17	6.1
N812462		17.6	96.4	<0.002	0.06	28.2	13.3	1	1.7	143.5	0.69	<0.05	11.8	0.289	1.30	2.2
N812463		14.5	71.6	<0.002	0.03	42.7	11.4	1	1.5	112.5	0.62	<0.05	12.2	0.272	0.84	2.6
N812464		55.9	131.0	<0.002	0.62	90.0	10.8	1	1.5	111.0	0.51	<0.05	11.4	0.236	1.69	2.7
N812465		24.9	82.4	<0.002	0.08	72.7	11.3	1	1.9	264	0.73	<0.05	11.3	0.299	1.77	2.3
N812466		1.5	2.8	<0.002	0.01	0.38	0.5	1	<0.2	42.8	<0.05	<0.05	<0.2	0.006	0.02	0.5
N812467		145.0	107.0	<0.002	0.57	27.3	13.6	1	1.9	222	0.81	<0.05	14.3	0.316	2.00	6.1
N812468		17.0	104.5	<0.002	0.01	14.65	11.2	1	1.5	244	0.74	<0.05	12.1	0.267	1.45	2.6
N812469		49.9	103.5	<0.002	0.02	9.85	12.9	1	2.0	401	0.77	<0.05	13.9	0.275	1.13	2.7
N812470		1360	151.5	<0.002	3.10	31.0	8.9	1	5.7	149.5	0.59	0.30	12.0	0.209	2.20	5.0
N812471		22.5	79.8	<0.002	0.02	3.00	9.3	1	1.8	374	0.73	<0.05	10.1	0.270	0.98	2.9
N812472		38.5	89.0	<0.002	0.01	3.88	12.5	1	2.1	323	0.82	<0.05	12.9	0.295	1.11	3.4
N812473		34.6	82.3	<0.002	0.02	5.87	10.7	1	1.7	287	0.70	<0.05	10.5	0.274	1.27	3.1





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**CERTIFICATE OF ANALYSIS WH12183296**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N812438		74	3.2	13.5	67	25.1
N812439		67	1.3	11.5	57	28.6
N812440		68	1.1	13.1	65	28.2
N812441		71	1.3	10.6	85	27.7
N812442		70	1.1	11.9	57	27.6
N812443		66	1.0	13.3	56	28.9
N812444		75	1.4	13.6	57	26.1
N812445		74	1.2	13.3	59	29.7
N812446		70	1.6	12.9	79	24.3
N812447		78	1.5	13.9	58	27.7
N812448		80	2.0	14.5	85	26.9
N812449		79	2.9	11.0	549	42.2
N812450		3	0.1	0.8	17	<0.5
N812451		95	1.0	12.4	105	157.5
N812452		96	1.1	12.7	106	165.0
N812453		75	1.6	12.7	64	26.7
N812454		79	1.0	14.5	57	29.6
N812455		74	1.5	13.6	62	27.4
N812456		79	1.1	14.8	56	26.5
N812457		56	4.7	8.4	5580	21.0
N812458		76	2.0	14.7	65	23.3
N812459		75	1.4	14.1	62	23.9
N812460		76	1.6	13.3	67	24.5
N812461		80	2.3	14.8	125	23.1
N812462		79	5.5	17.0	71	31.7
N812463		67	3.8	15.9	89	26.8
N812464		81	2.3	14.0	86	25.3
N812465		107	2.8	15.8	164	32.1
N812466		4	0.1	1.1	14	0.5
N812467		85	2.8	18.2	586	37.3
N812468		70	2.0	15.3	74	32.7
N812469		75	1.6	18.6	66	35.3
N812470		57	4.9	12.0	2960	36.0
N812471		74	1.4	16.2	74	31.2
N812472		80	1.6	17.4	138	31.0
N812473		75	1.6	13.6	139	28.1



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**CERTIFICATE OF ANALYSIS WH12183296**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12183297**

Project: Klaza - 98

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12183297**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N812474		2.86	0.023	0.47	6.57	150.0	1040	1.42	1.14	2.57	0.62	46.4	7.0	9	19.55	7.6
N812475		2.72	<0.005	0.05	7.01	10.3	1970	1.48	0.28	2.73	0.20	40.3	6.5	9	14.65	4.5
N812476		3.01	<0.005	0.03	7.50	5.8	1920	1.56	0.31	2.24	0.10	53.2	7.3	9	20.4	6.6
N812477		2.97	<0.005	0.01	6.86	6.9	1790	1.30	0.15	2.11	0.09	41.9	7.4	10	15.20	6.4
N812478		1.46	0.070	0.86	6.81	308	850	1.30	0.50	1.87	1.29	51.7	7.9	8	18.60	12.2
N812479		3.70	0.023	0.14	6.77	160.0	1190	1.27	0.25	2.22	0.25	37.4	5.9	9	14.75	2.4
N812480		1.70	0.073	0.68	6.89	305	1050	1.44	0.47	2.58	4.19	54.4	8.1	8	19.55	8.7
N812481		3.11	<0.005	0.04	7.22	6.1	2000	1.10	0.19	2.31	0.18	51.1	7.7	11	11.95	4.7
N812482		3.69	<0.005	0.01	0.18	<5	30	0.14	0.05	21.1	0.14	1.82	1.2	3	0.76	3.3
N812483		2.13	<0.005	0.07	7.31	6.7	1860	1.47	0.12	1.86	0.20	51.9	8.2	11	14.95	7.2
N812484		0.14	4.37	>100	5.43	8190	1060	1.15	60.3	1.95	221	38.5	8.6	18	11.65	1325
N812485		2.69	<0.005	0.11	6.56	33.3	1580	1.36	0.17	2.29	0.30	42.2	6.9	9	17.60	6.8
N812486		2.85	<0.005	0.03	7.54	7.1	2150	1.54	0.16	2.62	0.15	53.8	7.5	10	14.55	3.5
N812487		1.56	<0.005	0.22	7.06	37.4	1420	1.35	0.48	2.54	0.28	42.1	8.4	9	20.9	3.5
N812488		2.38	<0.005	<0.01	7.33	5.7	2050	1.49	0.22	2.35	0.09	43.6	6.5	10	14.40	2.1
N812489		2.90	<0.005	<0.01	7.26	4.9	1870	1.46	0.24	2.63	0.09	46.1	6.5	11	12.15	1.7
N812490		1.15	0.009	0.20	7.04	49.6	720	1.48	0.51	2.25	0.76	45.4	8.1	7	19.65	4.6
N812491		4.09	<0.005	0.01	0.07	<5	20	<0.05	0.02	21.2	0.07	1.41	0.8	<1	0.15	2.3
N812492		2.96	<0.005	1.01	7.09	5.9	1830	1.42	2.53	3.01	0.13	42.1	6.4	10	12.80	3.0
N812493		3.25	<0.005	0.07	7.13	6.7	1860	1.46	0.21	2.63	0.11	46.9	6.9	10	11.55	6.1
N812494		3.30	<0.005	0.04	7.45	6.0	2490	1.44	0.17	2.84	0.14	53.6	7.0	12	14.20	2.7
N812495		3.56	<0.005	0.11	7.22	6.4	1550	1.55	0.45	2.86	0.12	47.9	7.5	11	13.45	2.4
N812496		1.81	<0.005	0.03	6.74	7.0	1640	1.53	0.41	3.27	0.12	41.7	7.0	11	18.35	4.8
N812497		4.03	<0.005	<0.01	6.55	9.2	1310	1.25	1.22	3.03	0.09	34.6	6.0	11	10.45	1.2
N812498		3.63	<0.005	0.08	7.72	3.7	2100	1.70	0.16	2.83	0.06	42.6	9.0	11	12.35	3.4
N812499		<0.02	<0.005	0.08	7.43	5.1	2080	1.68	0.14	2.74	0.05	38.4	8.9	12	11.45	3.3
N812500		1.57	<0.005	0.22	6.24	8.8	1340	1.51	0.58	3.76	0.23	35.5	7.9	9	15.50	4.1
N812501		1.70	<0.005	0.14	7.86	8.6	1720	1.66	0.20	2.88	0.08	44.5	8.3	12	14.60	4.8
N812502		2.72	<0.005	0.07	7.22	5.6	1860	1.75	0.15	2.88	0.07	36.5	7.6	12	9.98	4.1
N812503		2.87	<0.005	0.03	7.70	4.0	1830	1.60	0.06	2.93	0.09	44.3	7.6	11	12.15	3.0
N812504		1.80	<0.005	1.03	7.28	20.8	1720	1.55	0.19	3.48	0.39	42.6	6.9	9	16.20	3.1
N812505		3.81	<0.005	0.29	6.97	18.2	1320	1.50	0.60	3.49	0.46	45.0	7.7	10	14.85	8.8
N812506		1.74	<0.005	0.07	7.00	5.6	2070	1.82	0.43	3.03	0.13	38.8	7.6	10	11.95	2.5
N812507		0.13	0.752	9.48	7.08	1985	1460	1.52	6.66	1.94	43.7	45.0	16.9	20	16.95	107.0
N812508		4.63	<0.005	0.28	7.37	5.8	1900	1.67	0.18	2.64	0.17	39.1	7.4	10	8.68	4.0
N812509		2.35	<0.005	0.10	7.46	5.0	1950	1.73	0.15	2.31	0.11	45.5	7.4	10	8.72	5.5



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Project: Klaza - 98

**CERTIFICATE OF ANALYSIS WH12183297**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812474		2.79	13.70	0.10	1.0	0.052	2.63	25.1	29.7	0.87	2400	0.28	0.33	7.4	3.0	560
N812475		2.66	15.30	0.10	1.1	0.054	2.39	20.6	18.1	0.63	676	0.43	1.96	8.0	2.9	590
N812476		3.04	15.35	0.12	1.2	0.042	2.56	28.6	23.9	0.78	674	0.40	1.96	8.2	3.0	610
N812477		2.88	14.65	0.12	1.2	0.039	2.58	22.1	24.7	0.73	712	0.34	1.73	7.9	3.0	580
N812478		2.97	14.45	0.11	1.1	0.041	2.97	29.1	20.6	0.72	2530	0.37	0.13	7.3	3.2	540
N812479		3.04	12.05	0.09	1.1	0.031	2.87	19.1	28.7	0.73	1820	0.26	0.47	6.8	2.6	560
N812480		3.13	15.35	0.13	1.1	0.048	2.83	30.6	34.1	0.79	3130	0.31	0.13	7.9	4.3	570
N812481		3.70	13.30	0.11	1.0	0.043	2.63	26.1	14.9	0.67	1070	0.30	1.34	7.9	3.3	740
N812482		0.50	0.49	0.06	<0.1	0.007	0.08	0.9	2.6	12.60	226	0.17	0.01	0.3	1.8	200
N812483		3.37	16.70	0.13	1.3	0.051	2.62	26.7	22.1	0.61	1040	0.48	1.36	9.0	3.2	690
N812484		8.30	12.80	0.16	1.0	5.25	2.28	20.4	33.3	0.63	3020	15.35	0.09	5.7	15.3	450
N812485		2.77	14.45	0.10	1.1	0.039	2.41	20.9	29.7	0.65	882	0.49	1.53	7.5	2.8	590
N812486		3.04	16.15	0.11	1.3	0.042	2.43	28.1	22.9	0.79	713	0.48	2.16	8.4	3.2	610
N812487		2.85	15.50	0.10	1.2	0.044	2.34	20.8	41.3	0.78	1040	0.26	0.89	8.1	3.0	590
N812488		2.88	15.00	0.11	1.1	0.040	2.06	22.9	17.2	0.82	710	0.25	2.40	7.9	2.7	590
N812489		2.92	14.80	0.11	1.0	0.047	1.80	23.6	24.0	0.84	823	0.27	2.36	7.8	2.8	590
N812490		2.97	15.90	0.11	1.1	0.057	2.54	22.5	22.1	0.67	2570	0.32	0.81	7.6	3.7	760
N812491		0.45	0.22	0.05	<0.1	<0.005	0.02	0.7	1.0	12.65	195	0.13	0.01	0.2	0.2	200
N812492		3.04	13.85	0.11	1.0	0.038	2.25	21.1	42.6	0.80	817	0.34	1.98	7.2	2.5	620
N812493		3.04	15.15	0.11	1.0	0.042	2.23	23.9	16.2	0.87	742	0.37	2.54	7.8	2.7	610
N812494		3.13	15.05	0.10	1.1	0.040	2.43	28.7	22.9	0.87	774	0.44	2.43	7.9	3.4	600
N812495		3.11	15.30	0.12	1.1	0.052	1.83	24.2	28.8	0.80	835	0.36	2.34	8.3	3.0	620
N812496		3.06	14.70	0.11	1.0	0.053	1.79	21.4	32.4	0.77	866	0.56	2.12	7.7	2.9	580
N812497		3.02	12.70	0.09	0.8	0.093	1.48	17.2	24.5	0.81	1120	0.32	2.07	6.4	2.3	540
N812498		3.21	16.15	0.15	1.2	0.038	2.39	20.3	15.2	0.85	791	0.98	2.38	8.4	1.9	650
N812499		3.19	16.35	0.19	1.2	0.036	2.40	18.1	15.0	0.83	774	1.02	2.33	8.2	1.7	640
N812500		2.92	14.70	0.13	1.1	0.034	2.31	16.9	31.6	0.88	1140	0.72	0.94	7.6	3.0	580
N812501		3.14	17.35	0.15	1.1	0.042	2.34	20.6	47.5	0.71	758	1.07	1.74	8.5	3.3	670
N812502		3.14	15.65	0.14	1.3	0.038	2.30	16.5	15.7	0.79	753	1.50	2.26	7.6	3.1	620
N812503		3.17	17.05	0.15	1.2	0.032	2.33	21.1	38.3	0.81	725	3.05	1.95	8.3	3.0	650
N812504		2.88	15.65	0.14	1.7	0.034	2.29	20.4	49.3	1.07	1140	6.08	0.06	8.0	2.7	540
N812505		3.13	15.75	0.14	1.1	0.045	2.74	22.3	29.5	1.01	1460	1.42	0.45	7.7	2.7	590
N812506		3.07	15.70	0.15	1.2	0.040	2.63	18.3	33.0	0.72	980	1.74	1.62	8.0	2.9	610
N812507		5.39	15.30	0.16	1.4	0.833	2.94	23.0	25.3	0.70	2060	12.35	0.27	7.4	16.2	520
N812508		2.90	15.65	0.14	1.3	0.034	2.48	18.9	18.2	0.74	746	0.66	2.26	8.1	2.8	590
N812509		2.83	15.20	0.15	1.3	0.029	2.43	22.9	19.0	0.72	665	0.65	2.21	8.3	2.8	580



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**CERTIFICATE OF ANALYSIS WH12183297**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812474		41.6	133.0	<0.002	0.51	14.95	11.0	1	1.9	135.0	0.58	<0.05	11.9	0.264	1.96	14.1
N812475		21.3	86.7	<0.002	0.02	4.96	10.8	1	1.5	339	0.67	<0.05	10.9	0.267	1.06	2.0
N812476		34.6	104.0	<0.002	0.01	4.16	12.1	1	1.6	425	0.68	<0.05	13.9	0.274	1.07	3.8
N812477		27.3	85.4	<0.002	0.02	4.12	10.4	1	1.8	360	0.68	<0.05	11.4	0.264	1.16	2.4
N812478		99.1	151.0	<0.002	0.71	20.5	10.8	1	1.9	118.0	0.60	<0.05	12.6	0.251	2.14	7.7
N812479		39.8	90.1	<0.002	0.46	11.35	8.6	1	1.3	180.5	0.64	<0.05	10.2	0.256	1.59	4.7
N812480		89.2	156.5	<0.002	0.69	20.0	12.2	1	1.8	169.0	0.61	<0.05	12.9	0.265	2.33	5.4
N812481		32.4	77.8	<0.002	0.02	9.48	12.8	1	1.6	314	0.58	<0.05	10.0	0.334	0.94	2.1
N812482		2.0	5.0	<0.002	0.03	0.12	0.6	1	<0.2	40.6	<0.05	<0.05	0.2	0.007	0.03	0.5
N812483		45.3	95.5	<0.002	0.02	11.70	13.8	1	1.8	247	0.74	<0.05	11.9	0.307	1.10	2.6
N812484		9680	134.0	<0.002	7.22	220	7.7	2	8.9	127.0	0.46	0.54	9.5	0.189	2.04	5.4
N812485		38.3	83.7	<0.002	0.08	6.69	10.6	1	1.5	318	0.67	<0.05	10.6	0.261	1.31	4.9
N812486		25.8	84.4	<0.002	0.02	3.13	12.7	1	1.6	436	0.70	<0.05	13.0	0.278	0.96	3.3
N812487		32.6	82.3	<0.002	0.15	6.85	10.9	1	1.7	295	0.70	<0.05	10.1	0.279	1.80	4.1
N812488		20.7	65.7	<0.002	0.01	4.20	10.9	1	1.5	427	0.65	<0.05	11.9	0.270	0.83	2.3
N812489		17.1	56.0	<0.002	0.01	4.01	10.7	1	1.5	416	0.63	<0.05	11.6	0.275	0.71	2.6
N812490		33.5	112.5	<0.002	0.22	15.40	11.8	1	1.9	190.0	0.60	<0.05	9.7	0.297	2.13	5.1
N812491		1.4	1.1	<0.002	0.02	0.09	0.2	1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
N812492		24.3	66.5	<0.002	0.02	5.64	10.6	1	1.4	393	0.62	<0.05	10.1	0.281	0.88	2.9
N812493		34.0	74.9	<0.002	0.03	4.07	11.3	1	1.4	346	0.64	<0.05	12.7	0.279	0.96	3.5
N812494		29.6	86.5	<0.002	0.02	3.65	11.8	1	1.4	405	0.68	<0.05	14.6	0.277	0.93	3.7
N812495		37.9	59.6	<0.002	0.01	5.80	12.3	1	1.5	415	0.68	<0.05	11.5	0.281	0.75	2.9
N812496		34.2	57.4	<0.002	0.01	6.89	11.1	1	1.4	442	0.63	<0.05	10.4	0.269	0.70	3.9
N812497		17.0	39.4	<0.002	0.02	5.01	9.0	1	1.3	429	0.55	<0.05	8.6	0.255	0.60	2.4
N812498		18.6	73.6	<0.002	0.01	2.92	11.9	1	1.5	482	0.69	<0.05	11.3	0.291	0.85	3.5
N812499		19.3	66.0	<0.002	0.01	2.78	11.4	1	1.5	468	0.68	<0.05	10.3	0.289	0.89	3.4
N812500		16.6	73.7	<0.002	0.09	6.54	9.1	1	1.5	249	0.64	<0.05	8.1	0.261	1.37	5.5
N812501		22.5	77.7	<0.002	0.05	6.51	11.4	<1	1.6	380	0.67	<0.05	10.5	0.296	1.17	5.5
N812502		17.9	63.1	<0.002	0.01	2.73	10.1	<1	1.6	408	0.70	<0.05	9.5	0.284	0.95	3.1
N812503		17.0	73.1	<0.002	<0.01	3.34	11.1	1	1.7	428	0.68	<0.05	11.0	0.290	0.84	2.7
N812504		13.6	76.0	<0.002	0.14	6.51	9.4	<1	1.5	245	0.93	<0.05	14.7	0.238	1.91	4.4
N812505		14.0	97.5	<0.002	0.20	11.15	10.0	<1	1.6	195.5	0.65	<0.05	10.1	0.261	1.79	4.5
N812506		20.0	90.5	<0.002	0.02	5.40	9.8	<1	1.8	283	0.68	<0.05	9.8	0.272	1.58	2.6
N812507		1380	156.5	0.002	3.32	34.5	9.0	1	6.2	158.0	0.61	0.33	11.6	0.217	2.49	4.9
N812508		18.9	73.4	<0.002	0.01	3.34	9.2	<1	1.5	411	0.77	<0.05	11.4	0.255	1.02	2.8
N812509		18.3	78.1	<0.002	0.01	3.20	10.0	1	1.7	389	0.78	<0.05	13.7	0.250	0.96	3.2



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**CERTIFICATE OF ANALYSIS WH12183297**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812474		65	2.0	14.7	117	28.4		
N812475		71	1.3	14.6	67	29.0		
N812476		74	1.5	17.6	60	31.3		
N812477		71	1.2	15.4	63	31.8		
N812478		72	1.7	15.1	156	29.0		
N812479		67	1.5	12.4	94	26.5		
N812480		68	2.8	16.8	572	29.6		
N812481		94	2.0	18.2	98	27.1		
N812482		5	0.1	1.1	21	0.5		
N812483		84	2.6	18.1	84	34.4		
N812484		52	4.4	10.4	>10000	32.8	121	1.610
N812485		70	2.7	14.3	103	29.3		
N812486		76	1.1	18.1	71	33.7		
N812487		78	3.0	14.7	109	30.1		
N812488		73	1.4	15.3	73	29.3		
N812489		71	1.6	16.2	74	26.7		
N812490		93	2.5	14.5	101	28.3		
N812491		3	0.1	0.8	16	<0.5		
N812492		73	1.8	14.5	72	25.8		
N812493		77	1.4	16.6	64	26.9		
N812494		72	1.3	19.1	65	28.1		
N812495		75	1.4	17.6	71	28.1		
N812496		75	2.4	16.5	76	26.3		
N812497		73	2.0	13.7	89	21.5		
N812498		82	2.2	15.2	70	28.8		
N812499		81	2.3	13.8	69	29.3		
N812500		71	2.4	12.4	92	26.3		
N812501		82	3.4	14.2	66	29.7		
N812502		84	5.0	13.2	60	29.5		
N812503		80	9.7	15.2	60	30.4		
N812504		68	3.8	13.4	94	35.0		
N812505		73	2.7	12.6	99	28.0		
N812506		75	5.3	11.7	84	28.9		
N812507		60	5.2	12.4	3220	39.3		
N812508		69	2.2	12.8	68	31.4		
N812509		66	1.9	13.9	62	32.9		



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**CERTIFICATE OF ANALYSIS WH12183297**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12183298**

Project: Klaza-98

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12183298**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812510		1.64	0.016	0.06	6.74	7.6	1560	1.66	0.16	3.62	0.39	36.8	8.6	6	11.70	2.4
N812511		3.74	<0.005	0.01	0.11	<5	30	0.09	0.01	21.7	0.06	1.71	1.1	<1	0.14	2.1
N812512		1.35	<0.005	0.58	6.05	12.3	1590	1.75	0.52	3.53	0.23	36.7	8.8	6	10.40	2.3
N812513		1.88	<0.005	0.06	7.12	6.6	2020	1.91	0.60	2.84	0.13	41.3	9.8	8	10.25	2.2
N812514		2.83	<0.005	0.08	7.27	6.0	2550	1.78	2.82	3.99	0.13	43.8	10.6	8	10.15	1.0
N812515		2.19	<0.005	0.06	6.93	4.9	1850	1.96	0.33	3.22	0.08	39.6	8.2	6	9.44	3.7
N812516		2.24	<0.005	0.06	6.95	4.1	1250	1.63	0.13	2.76	0.06	41.5	8.0	7	8.04	3.4
N812517		1.55	<0.005	0.08	6.85	7.8	1850	1.80	0.26	2.62	0.09	38.2	8.2	6	10.10	3.0
N812518		1.13	<0.005	0.07	7.38	3.8	1500	1.84	0.27	2.74	0.06	43.6	11.3	7	8.46	3.9
N812519		2.22	<0.005	0.03	7.45	4.6	1330	1.70	0.13	3.22	0.05	45.5	10.0	8	8.20	2.8
N812520		0.23	2.26	26.0	5.88	3440	680	1.33	19.60	2.20	77.2	40.8	11.6	15	13.80	430
N812521		2.94	<0.005	0.05	7.47	5.0	1770	1.86	0.19	2.98	0.10	43.3	9.4	7	7.97	2.5
N812522		1.37	<0.005	0.03	6.80	3.8	1790	1.70	0.23	2.34	0.08	42.2	9.9	10	9.39	1.8
N812523		4.44	<0.005	0.07	7.40	6.7	1720	1.88	0.16	3.00	0.08	47.1	9.5	7	9.16	4.2
N812524		2.05	<0.005	0.27	6.62	5.4	1400	1.73	0.39	3.46	0.10	42.2	8.7	7	11.05	21.8
N812525		1.70	<0.005	0.03	7.31	4.0	1780	1.80	0.11	2.81	0.08	43.9	8.9	7	6.66	1.4
N812526		0.80	<0.005	0.03	6.72	4.5	1860	1.78	0.14	3.00	0.09	37.0	8.7	7	6.52	2.7
N812527		2.19	0.008	0.04	8.46	9.4	1510	2.00	1.18	3.37	0.17	44.7	11.3	7	14.55	0.8
N812528		1.90	<0.005	0.03	7.09	4.6	1420	1.47	0.36	2.67	0.12	41.9	8.3	7	8.48	1.4
N812529		2.61	<0.005	0.05	7.54	5.8	2140	1.78	0.84	3.10	0.14	37.3	8.9	8	10.20	1.2
N812530		2.97	<0.005	0.09	7.25	4.0	1920	1.87	0.22	3.05	0.09	38.7	9.3	9	7.36	6.1
N812531		5.14	<0.005	0.08	7.35	5.5	2050	1.53	0.31	3.03	0.08	40.7	8.6	12	7.13	6.1
N812532		2.09	<0.005	0.03	6.87	4.9	4060	1.38	0.27	4.50	0.09	40.7	7.6	9	11.45	4.6
N812533		3.40	<0.005	<0.01	0.14	<5	40	0.08	0.04	21.0	0.06	1.36	0.9	3	0.30	3.7
N812534		5.66	<0.005	0.04	7.71	4.1	2010	1.40	0.19	2.97	0.07	41.6	8.8	11	8.09	6.2
N812535		0.22	4.28	>100	5.61	8290	710	1.16	62.7	1.94	221	33.2	9.9	17	11.90	1265
N812536		3.29	<0.005	0.13	7.67	10.3	2170	1.54	0.25	2.74	0.20	40.5	8.4	11	8.54	6.0
N812537		3.42	<0.005	0.04	7.26	6.8	1670	1.31	0.30	2.81	0.13	42.9	8.8	9	8.79	3.5
N812538		2.22	<0.005	0.10	6.97	11.1	1530	1.82	1.67	2.85	0.21	35.6	7.4	7	22.2	5.6
N812539		3.15	0.025	0.78	6.85	80.4	1480	1.40	0.44	3.68	0.57	37.2	7.5	8	12.25	32.1
N812540		1.19	<0.005	0.02	8.64	15.7	1220	2.01	0.92	2.19	0.06	28.2	7.6	9	17.55	3.0
N812541		2.46	<0.005	0.12	7.06	38.3	1590	1.74	0.90	3.59	0.15	31.9	9.4	7	19.35	4.3
N812542		2.82	<0.005	0.04	7.35	5.1	1680	1.49	0.11	2.06	0.08	42.7	7.6	9	12.95	3.2
N812543		<0.02	<0.005	0.03	7.49	5.7	1720	1.43	0.11	2.12	0.07	43.0	7.6	9	12.45	3.4
N812544		1.97	0.278	12.55	6.57	973	790	1.44	21.1	3.57	8.51	38.0	9.4	7	13.30	28.6
N812545		3.84	<0.005	0.05	0.07	<5	30	0.05	0.11	20.5	0.08	1.26	0.7	1	0.21	2.4



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**CERTIFICATE OF ANALYSIS WH12183298**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812510		3.08	15.75	0.12	1.1	0.033	1.81	19.9	57.1	0.92	948	0.37	1.28	7.7	2.9	560
N812511		0.48	0.35	0.11	<0.1	<0.005	0.05	0.9	1.1	13.05	211	0.12	0.02	0.5	1.7	190
N812512		2.90	13.85	0.14	1.2	0.038	1.72	19.3	53.5	0.82	1200	0.56	1.62	7.9	2.5	560
N812513		3.38	16.00	0.17	1.1	0.056	1.62	21.1	30.2	0.85	1040	0.41	2.28	8.3	2.8	630
N812514		3.88	16.50	0.17	1.1	0.174	1.69	23.3	15.4	0.96	1740	0.36	1.45	8.2	3.0	610
N812515		3.00	15.65	0.17	1.0	0.036	2.03	20.5	18.7	0.81	897	1.47	1.92	8.0	2.6	570
N812516		2.78	14.95	0.17	1.5	0.035	1.88	21.5	13.4	0.72	729	0.86	2.29	9.4	3.1	530
N812517		2.80	16.35	0.16	1.2	0.036	2.23	19.1	14.6	0.69	902	0.28	1.90	8.9	2.7	580
N812518		3.30	15.85	0.17	1.2	0.037	1.87	22.4	18.7	0.91	950	0.52	1.85	8.9	3.0	620
N812519		3.47	16.80	0.18	1.3	0.044	2.06	23.8	15.6	0.96	1040	0.42	2.15	9.7	3.1	660
N812520		6.74	13.75	0.18	0.9	1.655	2.58	22.6	28.5	0.90	1870	13.25	0.04	6.3	15.3	430
N812521		3.29	16.55	0.14	1.4	0.043	2.18	22.1	14.2	0.85	953	0.44	2.24	9.2	3.0	620
N812522		3.36	15.65	0.15	1.3	0.050	1.66	21.7	11.3	0.88	1020	0.28	2.32	8.8	2.8	560
N812523		3.26	16.35	0.18	1.1	0.037	2.18	24.4	15.3	0.86	872	0.45	2.06	8.8	3.2	640
N812524		3.04	15.25	0.17	1.1	0.038	2.21	21.9	15.4	0.68	921	0.62	1.53	8.1	2.9	570
N812525		3.15	15.50	0.16	1.1	0.035	2.17	22.6	12.7	0.86	763	0.34	2.25	8.4	3.1	600
N812526		3.10	15.20	0.15	1.1	0.034	2.19	18.2	11.8	0.80	787	0.30	2.22	8.0	2.8	590
N812527		3.99	19.15	0.18	1.4	0.086	1.57	22.1	21.2	1.10	1260	0.31	3.59	10.8	3.3	780
N812528		3.16	14.70	0.17	1.1	0.043	1.80	22.4	20.5	0.88	948	0.33	2.27	8.2	2.9	590
N812529		3.83	18.40	0.17	1.3	0.082	1.69	19.1	30.9	0.93	1380	0.58	2.35	8.8	3.0	630
N812530		3.21	16.75	0.16	1.4	0.037	2.32	19.1	17.7	0.85	801	1.60	2.20	9.0	3.6	620
N812531		3.09	16.70	0.07	1.2	0.041	2.20	19.2	13.1	0.89	816	0.89	2.39	8.7	3.0	620
N812532		2.96	14.75	0.08	1.1	0.034	1.97	21.5	12.7	1.07	1120	0.54	2.01	7.4	2.7	550
N812533		0.48	0.35	0.07	<0.1	<0.005	0.07	0.7	1.5	12.80	218	0.17	0.01	0.2	2.9	170
N812534		3.29	16.60	0.10	1.1	0.042	2.15	19.0	13.9	0.95	800	0.52	2.33	8.8	3.0	670
N812535		8.07	13.35	0.09	1.0	4.77	2.30	16.6	32.9	0.63	3010	16.00	0.08	6.0	14.0	450
N812536		3.13	16.50	0.08	1.1	0.036	2.30	21.0	14.6	0.89	700	0.40	2.44	8.6	3.1	620
N812537		3.02	15.70	0.08	1.2	0.039	1.89	21.0	18.7	0.90	857	0.33	2.22	8.6	2.8	620
N812538		3.44	18.50	0.09	1.1	0.088	2.34	17.7	37.1	0.67	767	0.25	1.14	7.9	2.4	560
N812539		2.95	14.25	0.07	1.1	0.048	2.90	18.4	16.5	0.78	1610	0.78	0.65	7.7	2.5	550
N812540		3.74	18.90	0.08	1.3	0.155	2.01	13.9	37.3	0.57	887	0.23	2.48	8.8	2.6	680
N812541		3.11	17.25	0.09	1.3	0.079	2.44	14.1	44.4	0.97	1320	0.20	1.02	8.5	3.1	600
N812542		2.92	16.45	0.09	1.3	0.035	2.22	20.4	31.0	0.66	713	0.33	1.41	8.7	2.5	610
N812543		3.00	15.90	0.08	1.2	0.038	2.26	20.1	29.9	0.68	741	0.32	1.44	8.6	2.7	620
N812544		3.84	13.50	0.09	1.1	0.091	2.60	19.9	47.7	0.93	5150	0.66	0.04	7.1	3.0	500
N812545		0.47	0.24	0.09	<0.1	<0.005	0.03	0.6	1.4	12.65	211	0.13	0.01	0.2	1.8	160



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Account: ROCKHA

Project: Klaza-98

**CERTIFICATE OF ANALYSIS WH12183298**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812510		17.1	62.8	<0.002	0.03	5.54	11.2	1	1.4	334	0.61	<0.05	10.1	0.250	1.28	2.6
N812511		1.4	2.1	<0.002	0.01	0.08	0.2	1	<0.2	49.6	<0.05	<0.05	0.3	<0.005	0.02	0.6
N812512		18.1	57.6	<0.002	0.08	4.96	10.3	1	1.5	320	0.68	<0.05	9.7	0.241	1.28	3.1
N812513		23.6	49.6	<0.002	0.02	6.71	12.5	1	1.7	476	0.67	<0.05	10.3	0.276	0.93	2.9
N812514		22.2	59.2	<0.002	0.04	7.00	12.8	1	1.8	483	0.65	<0.05	12.0	0.273	1.00	3.3
N812515		13.7	78.2	<0.002	0.05	3.94	12.0	1	1.6	321	0.63	<0.05	11.6	0.255	1.27	5.2
N812516		13.2	69.5	<0.002	0.02	3.32	10.7	1	1.6	243	0.88	<0.05	15.9	0.241	1.06	4.3
N812517		15.0	76.2	<0.002	0.07	3.47	11.3	1	1.7	277	0.74	<0.05	11.2	0.255	1.42	4.1
N812518		16.9	62.3	<0.002	0.01	3.90	12.8	1	1.7	383	0.75	<0.05	12.9	0.283	0.98	3.2
N812519		13.7	72.6	<0.002	0.01	3.79	14.3	1	1.7	308	0.77	<0.05	12.0	0.300	1.22	4.0
N812520		2800	154.5	0.002	4.88	84.7	9.1	1	7.6	90.0	0.50	0.35	10.5	0.179	2.35	5.1
N812521		18.2	71.9	<0.002	0.01	3.06	12.7	1	1.6	396	0.77	<0.05	12.3	0.274	1.00	5.0
N812522		10.6	57.9	<0.002	0.03	3.56	11.9	1	1.6	240	0.88	<0.05	12.0	0.254	0.94	4.2
N812523		19.7	77.5	<0.002	0.02	3.06	13.4	1	1.5	331	0.68	<0.05	12.8	0.279	1.13	3.7
N812524		22.0	79.8	<0.002	0.03	5.30	11.9	1	1.4	286	0.62	<0.05	11.1	0.254	1.26	3.5
N812525		16.8	66.3	<0.002	<0.01	2.18	12.6	1	1.4	395	0.67	<0.05	12.9	0.270	0.90	3.8
N812526		16.6	57.0	<0.002	0.01	2.30	11.5	1	1.5	378	0.66	<0.05	10.5	0.264	0.87	3.2
N812527		21.7	46.6	<0.002	0.05	7.57	14.7	1	1.9	312	0.85	<0.05	11.9	0.349	0.98	4.0
N812528		14.5	66.9	<0.002	0.01	3.54	12.3	1	1.4	314	0.65	<0.05	12.8	0.264	0.80	3.8
N812529		17.0	55.0	<0.002	0.03	5.80	13.1	1	1.9	377	0.72	<0.05	10.5	0.281	0.83	4.4
N812530		17.8	73.1	<0.002	<0.01	2.11	12.4	1	1.5	437	0.81	<0.05	10.7	0.274	0.86	5.1
N812531		19.4	61.7	<0.002	0.01	2.30	11.7	<1	1.7	442	0.64	<0.05	9.2	0.275	0.80	3.4
N812532		11.5	74.7	<0.002	0.13	2.84	10.4	<1	1.3	326	0.58	<0.05	9.7	0.238	1.23	3.7
N812533		1.5	2.5	<0.002	0.02	0.09	0.5	<1	<0.2	40.8	<0.05	<0.05	<0.2	0.006	0.02	0.6
N812534		19.9	60.0	<0.002	0.01	2.57	12.4	<1	1.6	481	0.66	<0.05	10.6	0.284	0.85	3.7
N812535		9380	138.5	<0.002	7.10	220	7.7	1	9.3	122.5	0.46	0.39	8.1	0.179	2.28	5.0
N812536		27.9	66.1	<0.002	0.01	2.73	11.4	<1	1.6	495	0.66	<0.05	11.8	0.272	0.87	3.8
N812537		19.6	64.8	<0.002	0.02	3.08	12.7	<1	1.9	331	0.68	<0.05	11.2	0.270	0.96	3.5
N812538		21.9	109.5	<0.002	0.04	12.30	10.0	1	2.0	273	0.65	<0.05	9.5	0.242	2.12	4.3
N812539		42.1	122.0	<0.002	0.32	12.55	10.3	<1	2.0	164.0	0.63	<0.05	9.4	0.243	1.96	3.4
N812540		17.0	91.3	<0.002	0.04	12.75	12.3	<1	2.4	289	0.70	<0.05	10.6	0.298	1.74	3.5
N812541		20.6	93.3	<0.002	0.24	7.98	10.7	1	2.0	282	0.64	<0.05	8.5	0.264	2.45	4.0
N812542		17.7	76.8	<0.002	0.01	5.53	11.8	<1	1.8	337	0.68	<0.05	11.1	0.265	0.97	3.5
N812543		17.9	73.6	<0.002	0.02	5.39	11.5	1	1.7	344	0.65	<0.05	11.3	0.272	1.06	3.4
N812544		323	127.5	<0.002	1.82	37.8	10.2	<1	1.6	196.0	0.55	<0.05	10.1	0.219	2.27	4.3
N812545		2.4	1.6	<0.002	0.02	0.19	0.3	<1	<0.2	40.9	<0.05	<0.05	<0.2	<0.005	0.03	0.5



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Project: Klaza-98

**CERTIFICATE OF ANALYSIS WH12183298**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812510		70	2.2	14.1	94	28.6		
N812511		2	0.1	1.0	15	0.7		
N812512		60	2.4	13.2	91	30.3		
N812513		77	3.7	15.3	96	28.3		
N812514		81	3.4	15.6	115	29.6		
N812515		72	2.3	14.6	62	27.6		
N812516		65	2.1	13.6	56	36.0		
N812517		77	2.0	13.0	66	31.8		
N812518		79	1.9	14.8	83	31.5		
N812519		89	2.1	16.8	74	33.3		
N812520		56	5.2	9.7	5370	26.9		
N812521		75	1.5	16.1	73	36.6		
N812522		69	1.8	14.5	94	32.5		
N812523		77	2.0	16.0	72	30.7		
N812524		72	1.3	15.7	61	29.3		
N812525		73	0.9	15.4	64	28.3		
N812526		73	0.9	14.1	65	28.7		
N812527		95	1.5	16.6	118	35.6		
N812528		69	1.6	15.8	88	30.9		
N812529		84	2.9	16.3	112	33.8		
N812530		77	1.5	16.6	60	34.1		
N812531		81	2.2	15.0	72	32.7		
N812532		71	2.1	14.9	76	27.6		
N812533		3	0.2	0.9	12	<0.5		
N812534		83	1.4	14.8	80	30.7		
N812535		54	4.6	9.2	>10000	33.4	114	1.595
N812536		79	1.0	14.7	78	30.8		
N812537		78	1.8	14.5	89	30.6		
N812538		87	2.7	13.1	74	27.8		
N812539		68	1.7	12.3	130	27.8		
N812540		85	2.6	11.1	98	34.0		
N812541		74	2.1	13.4	92	37.6		
N812542		77	1.0	14.2	63	33.8		
N812543		78	1.3	14.0	64	31.5		
N812544		62	3.2	13.2	1080	28.6		
N812545		2	0.1	0.8	15	<0.5		



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**CERTIFICATE OF ANALYSIS WH12183298**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12185464**

Project: Klaza - 97

P.O. No.: Batch 8

This report is for 3 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12185464**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
N814202		7.66	<0.005	0.20	7.92	8.0	1670	1.41	0.86	2.83	0.26	47.5	7.3	10	5.90	10.1
N814203		3.13	<0.005	0.23	7.28	13.2	1930	1.51	0.63	2.34	0.30	38.8	5.8	8	6.73	7.9
N814204		2.14	<0.005	0.02	0.08	<5	20	0.07	0.04	21.3	0.06	1.19	0.7	1	0.15	1.9





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**CERTIFICATE OF ANALYSIS WH12185464**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814202		3.63	17.90	0.12	1.3	0.125	1.52	24.2	9.4	0.90	1060	0.41	2.99	8.8	2.7	620
N814203		3.30	15.35	0.10	1.1	0.070	1.92	18.5	20.2	0.78	642	0.25	1.27	7.9	2.5	610
N814204		0.47	0.24	0.06	<0.1	0.012	0.03	0.6	1.4	13.35	222	0.08	0.01	0.2	1.5	190



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**CERTIFICATE OF ANALYSIS WH12185464**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814202		25.7	67.9	<0.002	0.09	3.75	10.4	1	2.3	399	0.76	0.06	16.2	0.263	0.96	4.9
N814203		26.8	68.6	<0.002	0.07	5.19	10.1	1	2.1	244	0.74	<0.05	12.3	0.256	1.12	3.4
N814204		1.4	1.2	<0.002	0.01	0.12	0.2	<1	0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.02	0.7



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**CERTIFICATE OF ANALYSIS WH12185464**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
N814202		75	1.8	17.7	75	33.0
N814203		69	3.1	13.0	65	28.1
N814204		2	0.1	0.7	14	<0.5



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**CERTIFICATE OF ANALYSIS WH12185464**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12185465**

Project: Klaza - 98

P.O. No.: Batch 6

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 Finalized Date: 26-AUG-2012  
 Account: ROCKHA

Project: Klaza - 98

**CERTIFICATE OF ANALYSIS WH12185465**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812546		4.10	0.043	2.08	6.76	325	3390	1.63	0.88	3.06	1.09	36.8	9.3	8	20.8	19.0
N812547		2.58	<0.005	0.11	7.52	59.6	3270	1.76	0.19	1.73	0.24	58.9	5.7	13	17.75	6.5
N812548		5.25	<0.005	0.13	7.21	55.2	2080	1.74	0.16	2.20	0.26	53.9	6.1	15	17.30	8.9
N812549		4.31	<0.005	0.11	6.89	25.1	2340	1.72	0.26	2.71	0.35	35.8	8.3	11	21.3	4.2
N812550		0.26	0.759	10.90	6.69	1845	270	1.55	6.83	1.92	42.7	42.5	18.0	19	17.00	112.5
N812551		4.06	<0.005	0.24	7.08	23.4	2140	1.84	0.55	2.63	0.34	39.2	8.5	12	15.45	6.6
N812552		1.99	0.064	1.38	6.97	188.0	1960	1.79	1.79	3.32	2.13	47.2	9.9	8	21.1	2.7
N812553		1.73	0.022	0.53	7.31	162.5	2170	2.03	2.34	3.16	0.61	41.4	9.6	9	17.90	3.0
N812554		2.49	<0.005	0.13	6.66	8.5	2320	1.60	0.84	2.96	0.10	36.9	8.3	11	12.30	2.7
N812555		5.17	<0.005	0.06	7.23	8.0	1720	1.57	2.46	3.58	0.16	37.1	8.0	10	12.10	2.2
N812556		4.88	<0.005	0.32	7.45	5.5	2250	1.71	2.04	2.55	0.15	46.1	8.3	11	8.71	20.2
N812557		3.74	<0.005	0.13	7.83	30.3	2650	2.19	0.76	3.53	0.37	42.6	10.4	11	14.15	2.5
N812558		1.65	0.024	0.74	8.10	324	1990	1.72	0.91	4.73	0.49	44.1	11.6	8	20.1	2.5
N812559		2.32	<0.005	0.03	0.09	<5	30	0.05	0.03	21.4	0.08	1.37	0.9	1	0.26	1.7
N812560		2.29	<0.005	0.12	7.92	59.1	2110	1.40	0.25	2.25	0.14	46.8	7.2	9	15.95	4.6
N812561		2.00	<0.005	0.11	6.82	45.8	2860	1.38	0.09	2.98	0.12	37.8	8.0	9	15.80	5.8
N812562		1.74	<0.005	0.09	6.98	36.6	2460	1.44	0.13	3.11	0.16	43.8	7.3	8	17.50	5.7
N812563		1.69	<0.005	0.08	6.48	63.1	1270	1.54	0.06	3.49	0.25	36.3	7.7	9	18.20	5.2
N812564		<0.02	<0.005	0.08	6.59	59.4	1090	1.52	0.06	3.40	0.29	41.4	7.5	9	18.30	5.0
N812565		0.68	<0.005	0.08	7.06	12.1	2120	1.46	0.08	3.05	0.08	38.6	8.4	9	13.50	10.9



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 Account: ROCKHA

Project: Klaza - 98

**CERTIFICATE OF ANALYSIS WH12185465**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N812546		2.79	14.10	0.10	1.2	0.068	2.86	17.4	37.1	0.85	2740	0.82	0.01	7.0	3.1	590
N812547		2.63	18.55	0.11	3.7	0.033	1.51	29.3	135.5	0.72	798	1.32	0.03	10.4	4.7	1040
N812548		2.42	19.90	0.12	3.7	0.041	1.56	25.7	120.0	0.71	631	1.57	0.26	10.8	5.2	1020
N812549		3.10	15.55	0.10	1.3	0.058	2.42	17.4	25.7	0.77	957	1.21	1.65	7.5	2.8	600
N812550		5.36	15.60	0.09	1.3	0.932	2.87	22.3	27.0	0.72	2040	12.35	0.27	7.5	16.1	510
N812551		3.03	16.85	0.09	1.3	0.059	2.45	17.9	20.5	0.70	798	0.88	2.08	8.6	2.9	620
N812552		3.29	16.25	0.10	1.1	0.070	2.70	22.9	42.0	1.07	2920	0.44	0.47	7.6	2.9	610
N812553		3.49	16.10	0.09	1.4	0.088	2.31	18.8	43.2	0.98	2200	0.27	1.59	8.4	2.9	670
N812554		2.91	15.95	0.09	1.3	0.054	2.23	16.7	20.4	0.76	992	0.30	1.88	7.8	2.8	580
N812555		3.45	17.70	0.09	1.3	0.148	2.08	16.9	16.8	0.76	1170	0.42	2.09	7.8	2.7	600
N812556		3.05	15.95	0.12	1.4	0.054	2.55	22.5	15.1	0.84	815	0.68	2.44	8.1	2.7	600
N812557		3.53	18.55	0.12	1.6	0.050	2.81	19.7	29.1	0.95	1290	0.47	2.68	9.4	3.3	690
N812558		3.62	17.10	0.11	1.6	0.056	2.36	21.5	59.3	1.39	2040	0.30	0.54	9.1	3.4	720
N812559		0.47	0.29	0.08	<0.1	0.009	0.04	0.7	1.6	13.25	230	0.13	0.01	0.1	1.9	200
N812560		3.16	16.80	0.13	1.5	0.044	2.79	22.8	45.5	0.75	928	0.31	1.48	8.6	2.3	690
N812561		2.76	16.50	0.12	1.3	0.039	2.60	18.3	46.9	0.76	856	1.28	0.76	7.7	2.7	560
N812562		2.90	15.50	0.12	1.3	0.040	2.76	21.4	37.5	0.78	857	0.63	1.28	7.2	2.6	580
N812563		2.78	15.25	0.10	1.3	0.038	2.52	17.6	13.1	0.69	898	1.06	1.37	7.5	3.0	570
N812564		2.78	15.05	0.11	1.3	0.036	2.50	20.2	12.8	0.68	886	0.63	1.34	7.3	2.9	570
N812565		3.02	16.65	0.10	1.2	0.040	2.64	17.7	14.5	0.75	753	1.43	1.99	8.1	2.7	640



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 Account: ROCKHA

Project: Klaza - 98

**CERTIFICATE OF ANALYSIS WH12185465**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812546		86.3	111.0	<0.002	0.74	21.7	10.1	<1	1.6	209	0.63	<0.05	9.7	0.260	3.06	4.9
N812547		21.6	44.8	<0.002	0.11	15.95	5.4	1	1.6	422	0.84	<0.05	9.3	0.314	0.82	3.3
N812548		26.0	42.2	<0.002	0.06	16.00	5.4	1	1.7	456	0.80	<0.05	8.5	0.310	0.81	3.2
N812549		33.8	85.4	0.002	0.11	3.50	10.7	1	1.7	391	0.70	<0.05	10.2	0.264	1.27	3.5
N812550		1345	154.5	0.003	3.13	33.9	9.6	1	6.1	158.5	0.64	0.35	11.0	0.210	2.64	5.3
N812551		34.3	84.7	<0.002	0.07	2.79	11.4	<1	1.9	430	0.83	<0.05	10.2	0.274	1.17	4.5
N812552		131.0	125.5	0.003	0.83	13.35	12.1	1	1.8	223	0.60	<0.05	10.4	0.272	2.43	4.8
N812553		78.6	99.2	<0.002	0.23	8.80	11.6	<1	1.8	269	0.72	<0.05	9.9	0.292	1.92	3.8
N812554		17.8	66.0	0.002	0.03	3.26	10.1	<1	1.6	379	0.73	<0.05	9.2	0.261	1.09	3.2
N812555		25.4	60.8	<0.002	<0.01	5.05	10.4	<1	1.6	501	0.70	<0.05	9.7	0.267	0.86	3.7
N812556		22.4	87.0	<0.002	0.01	1.38	11.3	<1	1.7	406	0.78	<0.05	12.4	0.267	0.95	4.3
N812557		43.4	76.7	<0.002	0.09	4.84	12.3	<1	1.9	469	0.82	<0.05	10.4	0.312	1.53	4.4
N812558		42.6	65.3	<0.002	0.61	14.50	12.2	1	1.7	350	0.83	<0.05	10.8	0.317	2.90	5.4
N812559		1.6	1.7	<0.002	0.01	0.15	0.4	1	0.2	48.0	<0.05	<0.05	<0.2	<0.005	0.03	0.8
N812560		20.0	94.7	<0.002	0.11	5.82	12.4	<1	1.8	314	0.76	<0.05	11.8	0.307	1.69	2.9
N812561		15.5	89.0	0.002	0.10	6.01	11.0	<1	1.5	275	0.63	<0.05	9.3	0.255	1.73	3.3
N812562		18.0	102.0	0.002	0.07	4.15	11.0	1	1.5	346	0.65	<0.05	10.1	0.255	1.67	3.6
N812563		21.9	95.7	<0.002	0.10	5.03	10.2	<1	1.6	237	0.66	<0.05	8.8	0.256	1.74	3.8
N812564		22.5	103.0	<0.002	0.10	4.98	10.2	<1	1.6	229	0.67	<0.05	10.7	0.253	1.76	4.2
N812565		20.6	82.9	0.002	0.03	2.15	11.1	<1	2.2	422	0.68	<0.05	9.2	0.282	1.16	3.1





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Project: Klaza - 98

**Total # Pages: 2 (A - D)**

### Plus Appendix Pages

Finalized Date: 26-AUG-2012

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**CERTIFICATE OF ANALYSIS    WH12185465**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
N812546		71	4.2	11.3	151	30.1
N812547		52	2.2	8.7	130	136.5
N812548		51	1.7	8.4	137	133.5
N812549		75	2.0	12.9	78	31.1
N812550		59	5.7	11.2	3050	38.8
N812551		77	1.8	14.4	84	33.4
N812552		81	3.4	13.8	248	29.1
N812553		80	3.9	12.8	180	34.0
N812554		74	2.3	12.5	78	33.9
N812555		87	1.4	13.3	80	31.7
N812556		75	1.2	15.1	82	34.0
N812557		91	2.6	15.8	123	40.5
N812558		92	4.2	15.9	130	39.2
N812559		3	0.1	0.9	16	<0.5
N812560		84	3.0	14.4	84	35.9
N812561		74	2.6	12.4	66	32.7
N812562		72	2.7	13.6	63	31.4
N812563		67	2.3	12.1	70	31.9
N812564		65	2.3	12.9	72	32.8
N812565		80	2.2	13.8	55	32.6

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



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**CERTIFICATE OF ANALYSIS WH12185465**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12185466**

Project: Klaza - 99

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355096		1.94	<0.005	3.22	6.37	16.4	1390	1.46	0.06	1.86	0.90	34.4	7.3	8	20.6	28.0
M355097		3.89	<0.005	0.80	0.07	<5	20	<0.05	0.02	20.3	0.85	1.25	1.0	1	0.18	3.0
M355098		2.42	<0.005	1.02	6.70	5.0	2070	1.58	0.06	2.41	0.35	43.0	6.9	9	11.85	8.3
M355099		6.29	<0.005	0.86	6.76	4.0	1870	1.56	0.07	3.07	0.84	46.5	7.0	9	8.92	8.0
M355100		5.62	<0.005	0.40	7.25	3.4	1950	1.64	0.08	2.85	0.18	52.4	7.1	11	7.80	10.0
M355101		2.23	<0.005	0.17	7.33	8.8	1820	1.63	0.08	2.05	0.19	49.2	7.4	8	21.7	26.8
M355102		3.43	<0.005	0.19	7.14	4.6	1920	1.62	0.08	2.63	0.12	51.2	7.5	9	8.84	10.3
M355103		2.71	<0.005	0.17	6.90	6.1	1590	1.88	0.08	2.05	0.18	51.8	6.5	8	9.49	21.6
M355104		2.84	<0.005	0.14	7.09	2.7	1920	1.62	0.05	2.56	0.09	48.4	7.3	10	8.18	15.7
M355105		7.33	<0.005	0.40	6.95	5.3	1900	1.60	0.07	2.51	0.12	46.9	7.7	12	7.68	10.3
M355106		6.36	<0.005	0.11	7.19	3.1	1910	1.61	0.07	2.56	0.08	56.4	7.6	12	6.30	8.5
M355107		8.36	<0.005	0.15	7.06	3.2	1890	1.55	0.07	2.44	0.12	52.8	7.1	12	6.09	6.5
M355108		<0.02	<0.005	0.13	7.09	4.3	1950	1.50	0.07	2.44	0.09	56.8	7.2	12	6.21	7.3
M355109		7.09	<0.005	0.08	7.32	4.3	1970	1.51	0.08	2.42	0.10	56.8	7.9	11	7.79	7.3
M355110		5.20	<0.005	0.07	7.26	3.5	1910	1.52	0.08	2.40	0.07	54.3	6.9	10	8.51	7.1
M355111		3.96	<0.005	0.09	6.86	8.2	1750	1.31	0.08	1.84	0.11	33.9	8.1	10	16.45	13.1
M355112		4.68	<0.005	0.05	8.05	7.2	2650	1.29	0.10	0.74	0.11	46.4	7.1	8	16.10	7.0
M355113		1.77	<0.005	0.05	8.17	7.0	2010	1.31	0.13	0.67	0.09	52.0	7.3	9	17.10	7.4
M355114		6.46	<0.005	0.07	8.55	7.6	1800	1.35	0.20	0.61	0.09	57.8	7.5	9	17.10	12.9
M355115		5.11	<0.005	0.15	6.74	8.4	1670	1.25	0.22	2.53	0.13	38.0	8.2	8	17.15	15.9
M355116		7.04	<0.005	0.08	7.17	3.7	1980	1.50	0.16	2.65	0.08	46.9	8.2	9	14.15	13.7
M355117		0.26	0.798	9.89	6.46	1705	440	1.50	6.04	1.85	40.7	48.0	16.4	19	16.30	108.5
M355118		3.24	<0.005	0.10	7.46	4.5	1990	1.53	0.29	2.65	0.13	51.3	7.7	12	12.90	15.7
M355119		2.52	0.011	0.46	6.56	84.1	1990	1.27	0.62	2.82	2.31	39.5	8.3	7	13.00	16.0
M355120		4.11	<0.005	0.10	6.97	6.7	1820	1.23	0.54	2.11	0.14	38.5	7.0	8	20.8	10.2
M355121		7.37	<0.005	0.15	6.12	18.0	1540	1.41	0.49	3.53	0.12	36.6	7.6	8	22.1	12.3
M355122		2.05	<0.005	0.08	7.10	5.8	1880	1.59	0.14	2.85	0.06	51.7	10.1	9	14.10	10.5
M355123		2.70	<0.005	0.24	6.90	26.1	1470	1.45	0.14	2.77	0.17	51.0	7.8	7	27.6	12.9
M355124		2.74	0.096	0.71	6.96	52.0	1120	1.49	0.50	2.76	0.32	49.6	10.2	7	17.50	66.0
M355125		3.01	<0.005	0.01	0.10	5	20	0.06	0.03	20.8	0.06	1.59	1.0	1	0.46	2.8
M355126		2.88	<0.005	0.17	7.06	17.3	1500	1.79	0.19	2.90	0.16	48.3	7.8	9	24.8	24.8
M355127		0.26	0.808	9.60	6.56	1745	680	1.50	6.09	1.88	41.3	49.4	15.9	20	16.55	107.0
M355128		7.76	<0.005	0.08	7.20	6.5	1890	1.65	0.12	2.65	0.07	41.5	8.3	10	13.00	8.8
M355129		6.09	<0.005	0.11	7.36	4.0	2010	1.56	0.15	2.73	0.08	37.1	8.4	10	10.25	39.6
M355130		2.50	<0.005	0.06	6.41	8.8	1700	1.48	0.07	3.32	0.08	34.6	7.2	9	21.0	6.4
M355131		5.02	<0.005	0.07	7.06	3.8	1800	1.55	0.10	2.72	0.07	38.9	8.4	10	11.65	10.4



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**CERTIFICATE OF ANALYSIS WH12185466**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355096		2.72	17.35	0.12	1.8	0.050	2.47	16.8	40.8	0.23	693	3.25	0.23	9.3	2.9	520
M355097		0.46	0.20	0.07	<0.1	0.026	0.02	0.6	0.9	12.75	218	0.15	0.01	0.3	1.2	160
M355098		2.80	15.50	0.11	1.7	0.041	2.64	20.8	15.7	0.68	609	1.37	1.87	8.5	2.4	510
M355099		2.81	16.25	0.13	1.7	0.049	2.59	23.5	15.8	0.76	934	8.46	2.00	9.0	2.4	520
M355100		2.96	16.45	0.12	1.8	0.032	2.66	26.5	16.8	0.83	799	1.87	2.03	9.0	2.8	540
M355101		2.87	17.60	0.13	1.8	0.041	2.65	24.1	24.9	0.40	494	2.11	1.14	9.4	2.4	570
M355102		2.87	16.80	0.13	1.8	0.031	2.67	25.8	15.6	0.72	640	1.92	2.07	9.1	2.5	550
M355103		2.42	16.05	0.11	2.2	0.034	2.84	27.7	14.4	0.46	582	2.89	1.84	9.7	2.2	430
M355104		2.91	16.75	0.12	1.7	0.033	2.55	23.7	16.9	0.76	609	2.28	2.12	9.0	2.7	540
M355105		2.91	16.65	0.12	1.8	0.034	2.58	23.1	17.1	0.79	622	3.09	2.16	9.0	2.7	540
M355106		2.95	17.20	0.13	1.7	0.037	2.54	28.7	18.3	0.85	630	1.48	2.20	9.3	2.8	570
M355107		2.91	16.25	0.13	1.6	0.035	2.51	27.2	15.3	0.82	609	0.84	2.11	8.5	2.6	530
M355108		2.95	16.00	0.13	1.7	0.033	2.59	29.1	15.7	0.84	615	0.94	2.14	8.7	2.7	550
M355109		2.96	17.10	0.12	1.7	0.034	2.56	29.9	16.7	0.87	634	1.25	2.15	8.9	2.5	560
M355110		2.86	16.20	0.14	1.8	0.028	2.64	28.6	16.1	0.77	600	1.52	2.15	9.0	2.6	530
M355111		2.99	18.85	0.10	1.8	0.039	2.56	16.1	28.2	0.29	810	2.92	0.22	9.9	2.5	590
M355112		3.10	19.70	0.13	1.8	0.040	2.62	23.2	32.1	0.15	721	3.30	0.06	10.1	2.6	650
M355113		3.21	19.70	0.12	1.9	0.044	2.66	25.9	31.2	0.14	689	3.06	0.07	9.9	2.5	630
M355114		3.05	19.90	0.14	1.9	0.045	2.59	28.7	31.5	0.18	796	2.36	0.27	10.4	2.4	660
M355115		3.11	18.85	0.14	1.8	0.042	2.45	17.4	29.6	0.40	574	1.41	0.55	9.8	2.7	640
M355116		3.16	16.80	0.14	1.6	0.038	2.58	22.8	16.2	0.78	667	1.52	2.02	9.0	2.5	610
M355117		5.18	15.50	0.14	1.4	0.893	2.70	24.6	22.9	0.70	1920	13.00	0.25	8.0	14.8	480
M355118		3.03	17.40	0.14	1.6	0.035	2.55	26.2	11.8	0.76	638	1.71	2.12	9.0	3.7	580
M355119		2.83	17.25	0.12	1.3	0.082	2.67	19.1	19.4	0.62	1320	1.44	0.25	8.2	2.6	540
M355120		3.19	17.90	0.13	1.3	0.043	2.54	18.4	22.2	0.36	760	1.61	0.46	8.6	2.5	610
M355121		2.73	15.80	0.12	1.3	0.035	2.30	17.2	21.2	0.45	765	1.72	0.88	7.8	2.3	520
M355122		3.11	17.40	0.13	1.6	0.046	2.53	24.9	11.1	0.80	645	4.03	1.93	9.3	2.7	590
M355123		2.77	17.00	0.12	1.2	0.050	2.28	25.2	41.3	0.96	1030	2.68	0.17	8.7	2.4	710
M355124		3.05	16.30	0.13	1.1	0.155	2.81	26.3	26.4	1.02	1520	1.87	0.03	7.9	2.5	580
M355125		0.51	0.26	0.07	<0.1	0.005	0.05	0.8	1.1	13.00	224	0.30	<0.01	0.3	1.2	160
M355126		3.59	16.90	0.11	1.9	0.090	2.66	22.0	34.4	0.87	1090	1.60	1.19	10.1	2.8	650
M355127		5.25	15.40	0.15	1.4	0.898	2.75	25.5	23.4	0.71	1940	12.75	0.25	7.9	14.2	480
M355128		3.07	17.15	0.16	1.3	0.044	2.60	21.8	15.0	0.77	633	1.63	1.90	8.6	2.8	590
M355129		3.20	16.50	0.14	1.2	0.036	2.52	18.8	18.6	0.85	618	2.39	2.25	8.0	2.8	590
M355130		2.90	14.95	0.14	1.1	0.031	2.32	17.7	18.3	0.64	672	0.81	1.33	7.4	2.5	550
M355131		3.12	16.60	0.14	1.1	0.027	2.38	18.4	14.0	0.78	591	1.56	2.06	8.3	2.6	650



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**CERTIFICATE OF ANALYSIS WH12185466**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355096		295	114.5	<0.002	0.01	13.15	10.0	<1	4.0	78.3	0.83	<0.05	12.8	0.247	1.38	2.8
M355097		81.1	1.2	<0.002	<0.01	0.69	0.3	1	0.3	40.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M355098		110.0	113.0	<0.002	0.01	1.76	10.2	1	1.6	321	0.78	<0.05	15.2	0.238	1.08	2.8
M355099		71.9	107.0	<0.002	0.01	1.55	10.4	1	1.6	335	0.81	<0.05	15.3	0.245	1.00	3.3
M355100		45.4	119.5	<0.002	<0.01	1.18	11.6	1	1.6	338	0.81	<0.05	18.1	0.257	0.95	2.6
M355101		23.4	124.0	<0.002	<0.01	5.52	11.8	1	3.1	204	0.83	<0.05	17.0	0.260	1.28	3.7
M355102		27.6	121.5	<0.002	0.01	1.30	11.6	1	1.6	334	0.82	<0.05	17.7	0.248	1.00	3.3
M355103		23.4	147.5	0.004	0.01	3.00	9.6	1	1.5	246	1.25	<0.05	21.6	0.201	1.13	4.0
M355104		22.3	114.0	<0.002	<0.01	0.55	11.2	1	1.5	350	0.79	<0.05	15.6	0.254	0.95	2.8
M355105		20.1	110.0	<0.002	0.01	0.77	10.9	1	1.7	352	0.82	<0.05	15.6	0.250	0.92	3.0
M355106		19.3	113.0	<0.002	<0.01	0.56	11.8	1	1.6	359	0.81	<0.05	18.3	0.259	0.87	3.5
M355107		18.4	112.0	<0.002	<0.01	0.60	11.3	1	1.5	365	0.75	<0.05	17.7	0.246	0.85	2.8
M355108		18.3	113.5	<0.002	<0.01	0.64	11.3	1	1.6	366	0.77	<0.05	18.3	0.251	0.86	2.9
M355109		17.2	124.0	<0.002	<0.01	0.84	11.8	1	1.6	367	0.76	<0.05	18.4	0.249	0.90	3.4
M355110		17.6	124.0	<0.002	<0.01	0.81	11.0	1	1.4	354	0.84	<0.05	19.0	0.243	0.93	3.3
M355111		16.6	114.0	<0.002	0.03	12.90	11.7	<1	1.7	101.0	0.89	<0.05	11.7	0.279	1.03	5.1
M355112		17.8	134.5	<0.002	0.02	31.6	13.0	1	1.6	70.5	0.88	<0.05	17.1	0.293	1.02	4.4
M355113		17.7	140.0	<0.002	0.01	29.5	13.3	1	1.6	69.0	0.89	<0.05	18.7	0.284	1.05	4.6
M355114		17.3	147.5	<0.002	<0.01	25.2	14.8	1	1.8	75.1	0.90	<0.05	21.3	0.311	1.06	4.8
M355115		19.0	91.7	<0.002	0.04	13.80	11.2	1	2.1	155.0	0.87	<0.05	11.9	0.277	0.99	3.1
M355116		15.8	108.5	<0.002	<0.01	2.48	12.7	1	1.6	358	0.75	<0.05	14.9	0.280	0.97	2.9
M355117		1300	172.5	<0.002	3.03	34.0	9.9	1	5.8	149.0	0.63	0.29	12.3	0.202	2.32	5.4
M355118		16.7	118.5	<0.002	0.01	1.64	12.3	1	1.6	379	0.76	<0.05	15.9	0.271	0.96	2.8
M355119		65.2	112.5	<0.002	0.30	20.9	10.6	1	1.6	118.0	0.65	<0.05	10.3	0.253	1.50	4.2
M355120		17.7	103.0	<0.002	0.01	29.3	10.7	1	1.7	118.0	0.70	<0.05	10.9	0.278	1.11	2.3
M355121		17.9	86.7	<0.002	0.04	13.20	10.1	1	1.4	214	0.63	<0.05	10.3	0.246	1.17	3.0
M355122		14.2	114.5	<0.002	0.02	2.06	13.8	1	2.1	363	0.79	<0.05	13.8	0.284	1.26	4.9
M355123		12.3	109.0	<0.002	0.19	19.50	13.6	1	2.1	158.0	0.67	<0.05	12.3	0.285	1.79	8.0
M355124		25.1	155.0	<0.002	0.57	19.60	12.6	1	3.5	108.5	0.61	<0.05	13.8	0.264	2.11	6.6
M355125		1.5	2.6	<0.002	<0.01	0.11	0.5	1	<0.2	41.4	<0.05	<0.05	0.2	0.005	0.02	0.8
M355126		16.8	126.0	<0.002	0.10	11.65	15.7	1	2.5	270	1.13	<0.05	14.2	0.307	1.63	7.6
M355127		1320	175.0	<0.002	3.06	34.5	9.6	1	6.0	151.5	0.64	0.33	12.8	0.206	2.34	5.6
M355128		15.4	91.9	0.002	0.01	2.57	10.6	<1	2.0	347	0.76	<0.05	12.7	0.266	1.14	3.4
M355129		14.9	82.3	0.007	0.01	0.93	10.3	1	1.9	420	0.64	<0.05	11.7	0.269	1.04	3.4
M355130		13.3	70.3	0.002	0.03	2.96	8.5	1	1.8	299	0.63	<0.05	10.2	0.250	1.14	4.0
M355131		14.1	83.7	0.003	<0.01	1.22	11.0	1	2.0	380	0.66	<0.05	11.7	0.281	1.05	3.6



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M355096		70	5.0	13.0	121	54.8
M355097		2	0.1	0.8	88	0.5
M355098		65	2.1	15.2	70	46.7
M355099		67	3.2	16.9	115	49.4
M355100		70	3.1	18.2	57	52.6
M355101		73	3.7	15.4	58	54.0
M355102		69	3.0	17.9	51	50.4
M355103		54	1.9	18.0	49	57.4
M355104		71	2.9	16.5	47	49.1
M355105		69	6.5	16.3	50	49.0
M355106		73	2.1	17.7	47	49.9
M355107		67	2.2	16.7	50	47.6
M355108		69	2.4	16.8	47	49.3
M355109		70	2.3	18.0	46	48.8
M355110		67	3.0	17.3	44	51.1
M355111		81	6.1	14.1	51	51.1
M355112		81	9.8	16.6	55	53.1
M355113		79	8.7	17.0	56	54.8
M355114		85	7.9	18.1	53	54.7
M355115		81	5.0	14.7	54	52.4
M355116		81	6.3	17.1	50	44.7
M355117		57	5.4	11.6	2870	41.4
M355118		76	5.7	17.3	52	43.8
M355119		73	6.2	14.3	298	35.5
M355120		78	8.4	13.5	63	36.4
M355121		69	4.9	14.9	53	35.8
M355122		83	1.0	17.1	49	42.7
M355123		87	3.1	16.1	61	32.0
M355124		77	9.5	14.9	58	30.8
M355125		3	0.2	0.8	14	<0.5
M355126		105	4.6	19.0	63	42.8
M355127		58	5.4	11.6	2930	40.2
M355128		71	2.7	14.1	46	40.4
M355129		72	2.9	13.4	44	38.4
M355130		67	1.3	12.5	42	35.9
M355131		78	0.8	15.7	45	37.5



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**CERTIFICATE OF ANALYSIS WH12185466**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12185467**

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P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 27-AUG-2012  
Account: ROCKHA

Project: Klaza - 100

**CERTIFICATE OF ANALYSIS WH12185467**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811379		2.74	<0.005	0.29	7.08	25.5	820	1.35	0.60	2.59	0.38	41.8	2.5	10	9.68	16.9
N811380		2.60	<0.005	0.09	7.29	12.6	2200	1.56	0.09	2.77	0.16	38.1	6.9	13	5.45	3.9
N811381		0.26	2.34	25.9	5.72	3340	1410	1.39	18.00	2.14	76.5	44.1	11.6	18	14.20	402
N811382		2.85	<0.005	0.41	7.51	22.1	2260	1.65	0.29	2.74	0.90	42.1	9.3	13	7.98	6.7
N811383		2.64	0.080	5.93	7.21	349	590	1.71	2.27	1.35	36.2	42.5	15.2	9	11.95	39.2
N811384		3.39	<0.005	0.17	7.43	25.6	2050	1.52	0.52	2.46	1.34	37.0	10.5	10	15.95	7.3
N811385		2.21	<0.005	0.22	7.42	25.5	2300	1.68	0.12	2.95	0.44	36.8	7.3	11	15.55	4.6
N811386		1.42	<0.005	0.07	7.17	14.9	2390	1.67	0.10	2.75	0.25	39.8	7.2	11	15.05	7.0
N811387		6.07	<0.005	0.06	7.36	6.3	2080	1.56	0.08	2.86	0.11	40.9	7.7	11	10.45	5.6
N811388		1.73	0.007	0.83	6.85	14.6	1750	1.51	0.60	3.27	0.23	39.9	11.8	8	14.20	17.1
N811389		2.53	<0.005	0.36	7.11	20.4	1870	1.62	0.51	2.83	0.39	41.0	8.2	9	15.40	10.8
N811390		2.37	0.103	2.34	6.83	1120	1360	1.65	0.46	2.78	8.17	41.5	10.8	8	18.95	15.2
N811391		3.47	<0.005	0.12	0.25	5	50	0.21	0.04	21.7	0.09	1.54	1.2	7	0.56	2.5
N811392		3.74	<0.005	0.15	7.73	9.0	2320	1.85	0.08	2.49	0.09	34.5	7.2	10	13.35	6.5
N811393		1.94	<0.005	0.15	8.21	16.9	1670	1.46	0.16	1.70	0.10	54.6	8.3	10	21.6	3.4
N811394		1.89	<0.005	0.08	7.68	6.2	2180	1.72	0.08	2.61	0.07	37.5	8.3	10	9.54	4.7
N811395		3.02	<0.005	0.58	8.56	12.4	2130	1.48	0.30	1.13	0.96	49.6	8.8	10	13.40	23.3
N811396		3.17	<0.005	0.38	6.55	24.0	1820	1.42	0.42	2.24	0.95	37.4	8.4	9	11.55	8.3
N811397		2.60	0.014	0.45	6.76	35.5	870	1.55	0.19	2.44	0.18	38.6	5.9	8	16.00	4.8
N811398		3.32	0.015	0.25	7.22	14.4	1860	1.57	0.24	3.01	0.60	39.6	6.3	10	11.85	9.4
N811399		0.26	3.51	>100	5.47	8310	1150	1.23	58.5	1.96	224	36.0	9.8	18	11.35	1235
N811400		5.02	0.010	0.56	7.04	18.7	1380	1.55	0.99	2.99	0.27	34.6	8.5	9	8.42	2.5
N811401		2.85	0.021	0.79	7.30	54.5	1890	1.69	1.97	3.24	0.24	37.3	15.4	10	11.10	9.6
N811402		2.30	0.049	2.66	6.24	96.2	1220	1.49	2.17	6.06	19.05	45.1	15.3	7	10.30	41.7
N811403		1.56	0.077	1.46	6.07	31.2	980	1.56	2.54	3.77	0.19	41.7	16.5	8	11.10	12.8
N811404		1.97	0.063	0.82	6.95	45.4	1230	1.74	1.32	2.69	0.21	43.1	12.4	9	11.85	15.8
N811405		2.67	0.392	5.44	5.64	121.5	660	1.14	6.52	1.72	0.71	89.6	112.0	9	5.95	60.1
N811406		3.29	<0.005	0.14	0.08	<5	30	<0.05	0.05	21.2	0.06	1.35	0.8	1	0.14	3.1
N811407		2.75	0.027	0.53	7.48	35.8	1200	1.71	0.77	1.65	0.22	49.8	4.6	9	11.85	20.4
N811408		3.71	0.021	0.41	7.27	32.1	970	1.40	0.93	1.97	0.21	35.4	6.4	9	8.14	21.7
N811409		4.25	<0.005	0.22	7.20	15.1	1380	1.58	0.32	2.50	0.09	37.3	5.9	10	8.51	9.9
N811410		<0.02	0.005	0.20	7.26	15.3	1420	1.60	0.35	2.56	0.10	37.5	6.0	9	8.26	9.8
N811411		7.90	0.008	0.28	7.92	8.5	2330	1.55	0.48	2.71	0.08	46.7	10.1	13	7.03	13.5
N811412		2.82	<0.005	0.07	8.08	4.7	2380	1.61	0.07	2.83	0.08	49.9	7.6	11	6.68	4.8
N811413		4.54	0.006	0.28	7.58	7.2	2100	1.56	0.42	2.68	0.29	47.6	9.9	12	4.83	6.9
N811414		5.85	<0.005	0.09	7.87	5.6	2300	1.53	0.19	2.83	0.09	47.0	8.4	10	7.46	7.3



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Plus Appendix Pages  
Finalized Date: 27-AUG-2012  
Account: ROCKHA

Project: Klaza - 100

**CERTIFICATE OF ANALYSIS WH12185467**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811379		3.17	15.05	0.13	0.8	0.103	1.62	20.4	8.4	0.52	952	0.50	2.75	7.6	3.0	650
N811380		2.96	16.00	0.14	0.8	0.030	2.67	20.1	8.1	0.82	583	0.86	2.31	7.9	2.8	600
N811381		6.54	14.85	0.14	0.7	1.680	2.55	23.6	22.4	0.88	1800	13.10	0.03	6.1	15.5	430
N811382		3.35	18.10	0.14	1.2	0.058	2.79	20.5	12.9	0.75	798	1.40	1.70	9.4	3.8	700
N811383		5.32	15.45	0.16	0.9	0.405	3.00	22.6	17.4	0.37	2160	4.72	0.06	7.4	3.1	670
N811384		3.16	16.10	0.13	0.8	0.043	2.82	19.5	15.2	0.53	702	2.68	1.28	7.8	2.8	640
N811385		3.17	16.65	0.14	0.7	0.039	2.64	18.3	9.7	0.60	607	1.83	2.16	7.9	2.7	630
N811386		2.95	17.15	0.15	0.8	0.035	2.62	18.6	9.3	0.61	551	3.21	2.13	8.2	3.0	610
N811387		3.02	16.60	0.16	0.8	0.028	2.54	21.1	9.0	0.73	703	2.01	2.26	8.0	2.8	590
N811388		3.06	15.95	0.13	0.8	0.043	2.52	19.1	16.9	0.61	747	1.94	1.09	8.0	3.6	590
N811389		2.95	15.95	0.15	0.9	0.078	2.58	20.0	11.4	0.63	750	0.79	1.60	8.2	2.9	600
N811390		3.94	15.75	0.14	0.6	0.169	3.13	22.6	10.5	0.76	5070	4.21	0.09	7.4	3.0	580
N811391		0.49	0.51	0.11	<0.1	<0.005	0.11	0.8	2.1	13.20	228	0.40	0.01	0.2	3.2	200
N811392		3.44	16.15	0.13	0.7	0.031	2.83	16.5	13.3	0.70	446	0.92	1.88	7.6	2.8	650
N811393		2.42	17.70	0.16	0.8	0.050	2.22	28.0	25.5	0.61	401	0.72	1.65	8.1	2.7	670
N811394		3.63	16.90	0.13	0.8	0.035	2.76	18.8	12.4	0.82	503	1.14	2.18	8.4	3.2	650
N811395		3.39	17.30	0.16	0.9	0.046	3.09	26.6	25.8	0.60	959	1.12	0.16	8.8	2.9	700
N811396		2.94	15.95	0.13	0.7	0.066	2.64	19.7	26.4	0.59	1700	1.58	0.06	7.7	2.7	580
N811397		2.65	16.10	0.14	0.7	0.049	2.20	19.2	30.4	0.77	1300	324	0.05	8.6	2.6	610
N811398		2.62	16.60	0.14	0.7	0.054	2.40	17.7	13.7	0.66	810	2.17	1.79	8.2	2.8	640
N811399		8.28	13.60	0.15	0.8	4.55	2.34	19.0	30.5	0.63	3040	15.40	0.07	5.8	13.7	450
N811400		2.58	15.45	0.14	0.7	0.058	1.78	16.5	10.1	0.73	579	2.25	2.24	7.8	2.5	620
N811401		3.06	16.10	0.14	0.8	0.055	2.97	19.0	8.5	0.75	1380	3.29	1.56	7.6	2.7	630
N811402		2.57	15.00	0.13	0.7	0.107	1.86	23.5	12.6	0.51	2070	2.65	1.22	7.6	2.4	540
N811403		2.79	14.55	0.15	0.7	0.074	1.30	21.4	21.1	0.59	657	3.05	1.01	6.9	2.8	520
N811404		3.22	17.15	0.16	0.8	0.077	1.83	22.7	20.5	0.41	568	1.97	1.29	8.9	2.9	620
N811405		6.19	17.90	0.18	0.6	0.107	1.45	58.2	18.4	0.80	853	2.01	0.58	5.4	3.7	490
N811406		0.48	0.22	0.10	<0.1	<0.005	0.02	0.7	0.9	12.90	208	0.19	0.01	0.2	1.1	180
N811407		2.35	16.20	0.17	0.7	0.072	2.13	27.6	24.8	0.67	1060	0.90	0.79	8.0	2.5	620
N811408		2.64	16.10	0.13	0.8	0.051	1.43	16.7	20.2	0.56	678	1.31	1.73	8.0	2.2	650
N811409		2.66	16.15	0.14	0.9	0.045	1.81	17.3	13.4	0.63	557	1.49	2.48	8.4	2.5	650
N811410		2.70	16.60	0.14	0.9	0.043	1.85	17.7	13.4	0.65	563	1.55	2.53	8.4	2.4	660
N811411		3.20	17.80	0.12	1.1	0.044	2.68	21.9	12.7	0.85	700	1.96	2.19	8.9	3.9	640
N811412		3.12	18.25	0.15	1.0	0.034	2.68	23.8	13.5	0.90	707	1.41	2.31	8.7	3.4	620
N811413		2.99	17.70	0.14	1.2	0.049	2.64	22.2	11.7	0.81	751	1.79	2.17	8.8	3.3	600
N811414		3.22	17.75	0.14	1.2	0.039	2.69	21.9	15.4	0.92	818	1.40	2.17	8.7	3.0	640



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Project: Klaza - 100

**CERTIFICATE OF ANALYSIS WH12185467**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811379		20.9	75.7	0.004	0.27	3.32	9.6	<1	4.1	156.5	0.59	<0.05	10.4	0.272	1.21	3.0
N811380		18.3	76.8	0.003	0.03	0.96	9.7	1	1.7	386	0.62	<0.05	12.0	0.267	0.92	2.9
N811381		2670	150.0	0.003	4.80	91.6	8.2	1	8.0	93.2	0.46	0.45	10.5	0.176	2.27	4.9
N811382		24.1	92.9	0.004	0.05	3.51	11.4	<1	2.2	329	0.65	<0.05	11.1	0.300	1.25	2.3
N811383		1090	150.5	0.005	2.71	18.20	9.9	1	4.8	53.7	0.51	0.24	12.4	0.262	2.23	3.6
N811384		22.0	86.2	0.004	0.15	7.25	9.5	<1	2.3	244	0.59	<0.05	10.9	0.275	1.30	1.9
N811385		27.1	79.8	0.004	0.08	2.54	9.8	1	2.0	378	0.57	<0.05	10.5	0.274	1.13	2.2
N811386		15.9	81.3	0.003	0.04	2.41	10.1	1	1.9	375	0.58	<0.05	10.2	0.271	1.08	2.0
N811387		17.9	80.7	0.002	0.02	1.54	9.7	1	1.5	401	0.58	<0.05	10.8	0.264	0.93	2.7
N811388		21.2	80.1	0.003	0.20	6.31	9.5	1	2.8	257	0.65	0.06	10.3	0.256	1.13	2.3
N811389		20.3	93.7	0.002	0.18	2.88	9.4	<1	2.0	288	0.69	<0.05	10.7	0.262	1.42	2.2
N811390		529	130.5	0.003	1.51	13.25	9.5	<1	2.7	74.6	0.52	<0.05	11.6	0.251	2.69	3.2
N811391		3.1	4.4	0.006	0.01	0.08	0.5	<1	0.2	45.3	<0.05	<0.05	0.2	0.010	0.02	0.6
N811392		16.8	78.3	0.003	0.04	2.46	9.4	1	1.9	334	0.56	<0.05	10.5	0.283	1.01	2.7
N811393		12.0	89.4	0.006	0.20	5.88	10.3	1	3.1	168.5	0.54	<0.05	13.3	0.288	1.56	4.3
N811394		15.1	81.8	0.002	0.02	2.60	10.5	1	1.7	372	0.56	<0.05	11.2	0.292	0.94	1.7
N811395		74.6	127.5	0.003	0.16	18.50	11.6	1	2.6	86.4	0.65	<0.05	14.2	0.298	1.44	2.4
N811396		25.4	101.5	<0.002	0.37	16.80	9.2	<1	2.5	83.1	0.55	<0.05	9.8	0.248	1.71	2.9
N811397		22.6	72.7	0.017	0.22	14.35	10.2	1	2.8	70.7	0.56	<0.05	10.7	0.257	1.69	2.7
N811398		72.5	80.0	<0.002	0.13	4.55	10.3	1	3.9	300	0.59	<0.05	10.5	0.275	1.19	2.3
N811399		9470	137.0	0.003	7.29	217	7.4	1	9.4	125.0	0.42	0.49	9.0	0.189	2.15	5.0
N811400		20.6	60.9	0.005	0.17	5.02	9.3	1	3.6	313	0.61	0.28	10.1	0.262	1.04	2.6
N811401		54.3	94.6	0.003	0.42	5.22	9.2	1	1.9	321	0.58	0.62	10.2	0.272	1.75	3.8
N811402		604	86.7	0.002	0.98	11.75	8.5	1	4.0	159.0	0.57	0.72	11.3	0.239	1.61	10.0
N811403		14.4	56.1	0.005	0.91	24.4	8.4	1	4.2	150.0	0.53	0.95	10.4	0.221	0.97	2.5
N811404		19.7	60.4	0.004	0.47	9.23	9.9	1	4.3	181.0	0.65	0.22	11.0	0.278	0.96	4.9
N811405		92.9	79.1	0.004	4.18	22.9	8.7	1	5.4	98.6	0.48	2.29	9.5	0.187	1.20	4.5
N811406		2.0	1.1	0.003	0.01	0.13	0.2	<1	0.2	45.7	<0.05	<0.05	0.2	<0.005	<0.02	0.8
N811407		13.7	91.9	0.004	0.36	20.4	10.2	1	4.4	65.2	0.63	0.05	11.8	0.265	1.80	9.9
N811408		15.0	49.4	0.003	0.34	10.35	9.8	1	4.6	137.0	0.71	<0.05	11.2	0.274	1.00	3.6
N811409		13.5	61.8	0.004	0.13	3.72	10.0	1	3.6	292	0.67	<0.05	10.9	0.267	0.81	2.6
N811410		14.0	57.4	0.002	0.13	3.91	10.1	1	3.6	299	0.68	<0.05	11.1	0.276	0.77	2.4
N811411		17.5	98.4	<0.002	0.16	1.44	11.9	1	1.5	411	0.67	0.11	11.6	0.269	0.97	3.2
N811412		15.8	103.0	<0.002	0.02	1.09	12.1	1	1.3	418	0.64	<0.05	11.9	0.265	0.90	3.4
N811413		17.7	99.4	<0.002	0.12	1.13	11.4	1	1.5	375	0.67	0.11	12.6	0.251	1.01	4.5
N811414		16.2	99.6	<0.002	0.05	1.18	12.0	1	1.6	406	0.60	<0.05	12.3	0.269	1.01	4.3



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 Account: ROCKHA

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**CERTIFICATE OF ANALYSIS WH12185467**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811379		68	1.9	11.8	101	22.5		
N811380		71	0.8	13.5	41	23.5		
N811381		54	5.2	9.3	5170	26.6		
N811382		82	1.7	15.0	159	47.1		
N811383		71	7.0	10.6	2550	32.2		
N811384		72	2.0	12.0	255	23.8		
N811385		75	0.9	13.1	139	24.2		
N811386		72	0.8	13.3	87	24.8		
N811387		70	0.7	13.5	44	25.0		
N811388		70	2.6	14.1	60	24.5		
N811389		68	1.5	13.3	120	24.7		
N811390		67	3.3	12.4	806	22.9		
N811391		5	0.1	0.9	16	0.6		
N811392		76	1.8	10.7	43	23.1		
N811393		73	2.1	12.4	36	26.5		
N811394		77	1.3	12.7	36	25.2		
N811395		78	8.0	15.1	143	28.2		
N811396		66	6.2	12.6	131	23.8		
N811397		69	16.6	13.1	61	24.3		
N811398		74	2.4	13.6	109	24.6		
N811399		53	4.6	8.9	>10000	34.1	119	1.565
N811400		67	1.8	11.9	48	23.4		
N811401		72	1.8	12.0	59	24.6		
N811402		61	2.3	17.4	1940	25.3		
N811403		59	3.8	12.7	48	24.9		
N811404		74	6.3	12.9	55	26.2		
N811405		68	2.0	9.2	98	19.3		
N811406		1	0.1	0.7	15	<0.5		
N811407		66	1.8	12.6	53	25.5		
N811408		68	1.8	10.5	44	25.3		
N811409		70	1.5	12.4	37	27.7		
N811410		71	1.6	12.3	38	27.7		
N811411		73	0.8	16.8	39	25.5		
N811412		71	0.7	17.3	37	25.5		
N811413		69	1.1	16.7	65	28.0		
N811414		75	1.6	17.4	46	28.0		



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**CERTIFICATE OF ANALYSIS WH12185467**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12185468**

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P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12185468**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811415		3.25	0.005	0.16	7.67	11.8	1970	1.62	0.28	2.74	0.12	41.2	7.8	9	8.52	5.2
N811416		7.02	<0.005	0.08	8.00	5.1	2230	1.87	0.18	2.78	0.10	50.7	8.6	10	6.79	5.7
N811417		5.34	0.007	0.50	8.02	8.8	2160	1.45	1.15	2.70	0.11	45.4	13.4	22	5.58	7.6
N811418		2.47	0.008	0.58	7.91	9.3	2140	1.45	1.42	2.70	0.10	47.0	14.5	9	5.68	8.6
N811419		3.88	<0.005	0.13	7.95	8.6	2210	1.59	0.16	2.75	0.11	54.3	7.9	8	9.66	15.9
N811420		2.46	<0.005	0.14	7.54	15.7	1780	1.62	0.14	3.16	0.16	44.9	7.7	9	10.65	6.5
N811421		5.90	<0.005	0.11	7.73	8.2	2080	1.62	0.17	2.65	0.10	45.6	8.3	9	9.27	9.8
N811422		2.66	0.006	0.32	7.79	30.3	1630	1.50	0.37	2.58	0.35	42.9	7.0	9	17.00	15.6
N811423		2.45	<0.005	0.13	7.82	11.8	1830	1.53	0.18	2.66	0.10	42.2	7.6	8	9.93	8.7
N811424		5.39	<0.005	0.13	7.64	8.3	1830	1.56	0.26	2.66	0.11	51.7	6.9	9	7.99	6.6
N811425		0.26	4.59	>100	5.37	8080	260	1.10	58.0	1.85	217	32.1	8.6	17	10.20	1250
N811426		2.64	0.006	0.53	7.25	32.4	1150	1.49	0.47	2.77	0.33	46.0	5.4	8	12.50	25.5
N811427		2.67	0.016	0.94	7.62	46.9	860	1.60	0.82	2.62	0.79	48.9	5.3	7	9.12	59.8
N811428		3.31	0.034	2.49	7.44	92.7	1270	1.49	2.31	2.50	1.68	49.4	11.8	7	8.66	104.5
N811429		3.39	0.026	0.61	7.73	38.1	1170	1.49	0.55	2.39	0.97	62.3	5.6	8	9.72	6.8
N811430		3.76	0.303	12.85	5.24	275	1420	1.04	7.74	1.24	40.5	45.0	24.9	6	12.30	63.0
N811431		4.26	<0.005	0.04	0.12	<5	30	0.08	0.03	20.1	0.10	1.16	1.5	3	0.96	6.9
N811432		4.63	0.005	0.47	7.93	25.9	800	1.49	0.75	2.55	0.19	40.7	3.8	8	12.10	4.7
N811433		2.25	0.011	0.92	7.36	35.1	720	1.62	1.10	3.21	0.79	69.5	3.5	7	8.54	26.5
N811434		3.93	0.119	11.60	6.93	144.0	810	1.59	2.77	2.61	16.25	52.2	6.5	7	18.25	44.9
N811435		3.78	0.053	1.39	7.11	34.3	1230	1.33	0.51	2.24	5.66	39.7	5.8	7	14.00	25.2
N811436		7.32	<0.005	0.16	7.55	9.8	2050	1.83	0.15	2.50	0.12	46.2	7.3	9	11.05	11.4
N811437		0.26	2.24	26.0	6.05	3520	1080	1.30	19.25	2.15	76.2	44.8	10.2	19	13.80	440
N811438		3.33	<0.005	0.23	7.52	12.9	2180	1.81	0.21	3.07	1.27	49.3	8.0	8	12.05	10.1
N811439		4.98	0.020	2.73	7.59	56.6	2640	1.48	0.43	2.85	2.17	52.9	6.4	8	16.45	136.0
N811440		3.21	<0.005	0.01	0.08	6	30	<0.05	0.03	20.5	0.06	1.09	1.3	1	0.15	1.9
N811441		2.12	<0.005	0.54	7.22	24.6	1310	1.65	0.64	2.58	0.53	34.9	4.9	9	14.75	34.6
N811442		5.08	<0.005	0.11	7.65	7.0	2160	1.43	0.14	2.55	0.10	48.6	6.5	12	9.33	5.8
N811443		2.34	<0.005	0.21	7.41	18.3	1520	1.54	0.26	2.70	0.16	50.4	7.9	9	10.55	6.0
N811444		6.94	<0.005	0.11	7.58	4.8	2050	1.58	0.10	2.64	0.08	48.9	7.0	11	10.30	12.5
N811445		<0.02	<0.005	0.09	7.87	5.0	2130	1.61	0.10	2.75	0.08	54.4	6.9	14	10.45	12.6
N811446		7.36	<0.005	0.09	7.49	4.9	2130	1.58	0.08	2.66	0.08	46.6	7.0	11	7.62	8.4
N811447		4.25	<0.005	0.27	7.06	44.9	2000	1.56	0.09	2.58	1.20	52.8	7.4	9	6.71	9.2
N811448		3.07	0.055	3.60	7.13	556	2010	1.58	0.70	2.52	13.60	41.7	10.6	9	7.98	42.0
N811449		7.76	<0.005	0.24	7.07	9.1	2060	1.61	0.10	2.66	0.53	44.8	7.7	11	7.91	10.9
N811450		5.58	<0.005	0.18	7.03	5.5	2220	1.53	0.08	2.50	0.10	43.0	7.5	9	8.35	12.0





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**CERTIFICATE OF ANALYSIS WH12185468**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811415		2.72	17.80	0.13	1.2	0.044	2.72	18.8	14.4	0.77	887	0.97	1.78	8.9	2.9	580
N811416		3.14	18.55	0.15	1.1	0.038	2.56	23.6	15.3	0.90	723	1.30	2.28	9.9	3.2	650
N811417		2.94	17.90	0.13	0.9	0.048	2.53	21.6	10.4	0.84	621	1.09	2.36	8.3	3.1	630
N811418		2.95	18.40	0.13	0.9	0.048	2.54	22.0	10.4	0.83	635	0.91	2.38	8.6	3.1	640
N811419		3.04	18.20	0.17	0.9	0.048	2.61	26.1	15.1	0.88	829	0.97	1.90	8.7	3.0	680
N811420		2.78	17.25	0.10	0.8	0.047	2.59	21.0	19.7	0.92	1060	0.83	1.79	8.0	2.7	620
N811421		2.88	17.90	0.14	0.9	0.047	2.45	21.1	12.5	0.78	589	0.98	2.06	8.6	3.0	630
N811422		2.46	18.90	0.12	0.9	0.060	2.43	19.8	69.7	0.69	883	1.00	0.36	8.8	2.9	680
N811423		2.50	18.75	0.13	0.9	0.053	2.31	19.5	26.4	0.63	504	1.26	1.81	8.8	2.9	640
N811424		2.64	18.55	0.16	0.9	0.054	2.14	24.4	10.8	0.73	490	2.19	2.62	8.7	3.4	620
N811425		7.84	13.70	0.16	1.0	4.34	2.21	15.0	30.6	0.59	2950	15.30	0.08	5.7	14.2	440
N811426		2.55	17.75	0.10	0.8	0.094	2.04	21.0	143.0	0.65	1100	1.34	0.87	8.4	2.7	640
N811427		2.53	18.90	0.15	0.8	0.195	2.08	22.0	73.3	0.85	1300	1.08	1.52	8.3	2.4	630
N811428		3.76	18.95	0.15	0.8	0.262	2.90	24.3	153.0	1.01	1930	1.43	0.17	6.9	3.3	600
N811429		2.75	18.50	0.15	0.8	0.134	2.31	30.6	242	0.92	1840	1.34	0.06	8.1	2.3	670
N811430		7.05	13.40	0.16	0.6	0.356	1.89	23.5	76.8	0.55	1340	0.69	0.05	5.5	3.1	370
N811431		0.47	0.40	0.05	<0.1	0.005	0.06	0.5	1.9	12.35	213	0.15	0.01	0.3	2.8	160
N811432		2.69	18.90	0.09	1.0	0.099	1.63	19.1	58.7	0.63	862	0.50	0.32	9.3	2.5	630
N811433		3.32	18.00	0.13	1.4	0.307	1.95	37.4	101.0	0.93	1760	0.44	0.31	11.4	2.3	550
N811434		4.55	16.65	0.12	1.0	0.370	2.65	27.3	20.9	0.80	2920	0.91	0.05	8.0	2.7	540
N811435		2.67	17.65	0.10	1.2	0.093	2.36	17.8	33.4	0.57	1120	1.49	0.11	8.7	2.2	570
N811436		2.92	18.00	0.13	1.3	0.044	2.55	20.6	14.1	0.71	739	1.75	1.97	9.7	2.7	610
N811437		6.56	15.35	0.16	0.9	1.670	2.59	22.4	24.1	0.88	1850	14.15	0.04	6.3	16.1	440
N811438		2.92	17.15	0.13	0.9	0.054	2.53	23.1	15.1	0.68	877	2.98	1.72	8.5	2.8	600
N811439		3.08	16.60	0.12	0.8	0.075	2.53	26.9	40.0	0.99	1690	1.36	0.15	7.7	2.7	580
N811440		0.48	0.24	0.05	<0.1	<0.005	0.02	0.5	1.1	12.50	204	0.11	0.01	0.3	1.9	200
N811441		2.78	17.15	0.08	0.8	0.078	1.98	15.5	23.9	0.54	1080	1.19	1.55	8.5	2.5	600
N811442		2.76	17.20	0.12	0.8	0.040	2.52	23.3	10.7	0.74	503	6.29	2.28	8.0	2.8	600
N811443		2.80	16.65	0.12	0.9	0.077	2.27	24.1	11.2	0.69	948	2.39	1.98	7.7	2.6	570
N811444		2.84	17.55	0.13	1.0	0.039	2.52	22.4	12.5	0.71	559	1.12	2.39	8.3	2.8	610
N811445		3.00	18.00	0.14	1.0	0.040	2.54	25.4	12.6	0.75	590	0.97	2.45	8.5	3.1	640
N811446		2.85	17.50	0.12	0.9	0.036	2.46	21.3	14.1	0.78	571	1.11	2.31	8.2	2.8	600
N811447		2.99	16.50	0.13	0.9	0.057	2.59	27.2	12.0	0.78	866	1.55	2.04	8.1	2.8	600
N811448		3.62	16.80	0.11	0.9	0.216	2.62	20.3	10.4	0.75	958	1.20	1.77	7.9	2.6	600
N811449		2.99	16.90	0.12	1.0	0.050	2.59	20.6	12.0	0.76	621	1.22	2.25	8.5	2.7	610
N811450		2.86	16.50	0.12	0.9	0.031	2.53	21.3	14.0	0.76	539	1.36	2.30	8.0	2.6	600



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**CERTIFICATE OF ANALYSIS WH12185468**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N811415		19.3	112.5	<0.002	0.20	2.06	11.5	1	1.6	327	0.66	<0.05	11.2	0.253	5.5
N811416		16.4	106.5	<0.002	0.03	1.41	12.8	2	1.6	411	0.83	<0.05	11.7	0.275	3.8
N811417		20.0	99.8	<0.002	0.35	1.36	12.2	1	1.5	400	0.59	0.09	10.7	0.266	3.3
N811418		22.0	99.1	<0.002	0.39	1.34	12.1	1	1.5	396	0.62	0.11	10.9	0.270	3.2
N811419		16.2	105.0	<0.002	0.10	2.50	13.2	2	2.0	337	0.60	<0.05	11.5	0.274	4.2
N811420		18.6	108.5	<0.002	0.26	2.60	11.6	1	1.8	326	0.53	<0.05	10.4	0.258	3.7
N811421		15.8	89.4	<0.002	0.09	2.76	12.2	2	2.0	369	0.61	<0.05	10.8	0.265	3.3
N811422		24.2	95.7	<0.002	0.35	15.40	12.6	2	2.6	116.5	0.62	0.06	10.2	0.277	4.6
N811423		15.6	89.5	<0.002	0.12	3.67	12.3	2	2.7	317	0.61	<0.05	10.6	0.268	4.8
N811424		15.3	82.8	0.002	0.02	2.02	12.6	1	3.6	380	0.61	0.06	11.1	0.261	3.0
N811425		9130	127.0	<0.002	7.11	213	7.7	2	8.0	119.5	0.41	0.44	7.8	0.178	4.8
N811426		22.1	83.6	<0.002	0.29	10.75	12.0	1	3.3	158.5	0.60	<0.05	9.7	0.266	8.3
N811427		43.1	99.6	<0.002	0.32	13.65	12.2	1	6.0	132.0	0.59	0.10	9.9	0.267	5.9
N811428		288	151.0	<0.002	1.30	17.20	10.3	1	5.1	59.3	0.48	0.13	9.3	0.221	6.0
N811429		126.5	135.5	<0.002	0.41	8.97	13.2	2	5.1	75.9	0.54	0.09	11.2	0.257	4.8
N811430		1935	111.0	0.002	6.17	26.2	8.4	2	4.6	41.8	0.49	2.21	7.6	0.156	3.3
N811431		3.2	3.8	<0.002	0.02	0.06	0.6	1	<0.2	42.0	<0.05	<0.05	<0.2	<0.005	0.4
N811432		32.8	77.8	<0.002	0.19	11.60	12.2	1	4.1	86.2	0.74	<0.05	11.4	0.280	4.3
N811433		97.7	107.0	<0.002	0.61	12.80	10.8	1	4.4	106.0	1.40	0.09	15.2	0.237	5.4
N811434		622	164.0	<0.002	2.27	15.00	10.2	1	4.1	72.8	0.71	0.22	11.8	0.220	3.3
N811435		76.5	98.3	<0.002	0.37	16.15	10.3	1	2.2	94.8	0.71	0.06	10.5	0.240	2.8
N811436		17.3	104.0	<0.002	0.08	2.97	11.5	1	1.7	353	0.92	<0.05	10.9	0.259	4.0
N811437		2760	156.0	0.002	4.93	86.6	8.4	2	7.7	92.2	0.47	0.37	9.9	0.180	5.1
N811438		31.2	104.0	<0.002	0.13	4.20	11.1	1	1.8	325	0.67	<0.05	10.0	0.254	3.7
N811439		105.0	122.0	<0.002	0.63	16.40	11.2	1	1.8	113.5	0.55	<0.05	11.2	0.245	5.3
N811440		1.6	1.2	<0.002	0.04	0.06	0.3	1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	0.6
N811441		36.9	79.6	<0.002	0.36	7.20	10.9	1	2.2	257	0.60	<0.05	9.1	0.258	3.9
N811442		15.0	93.4	<0.002	0.07	1.44	10.7	1	1.5	408	0.58	<0.05	11.1	0.253	2.9
N811443		21.5	103.5	<0.002	0.23	3.44	10.1	1	2.9	269	0.57	<0.05	11.7	0.236	4.8
N811444		14.2	86.6	<0.002	0.02	1.46	10.8	1	1.6	410	0.63	<0.05	10.8	0.263	3.1
N811445		14.6	91.0	<0.002	0.02	1.48	11.6	1	1.6	420	0.65	<0.05	11.8	0.266	3.2
N811446		14.8	84.3	<0.002	0.01	0.86	11.0	1	1.5	406	0.59	<0.05	9.8	0.258	3.2
N811447		127.5	89.5	0.002	0.05	1.52	10.5	<1	1.8	352	0.62	<0.05	11.2	0.265	3.5
N811448		690	101.0	0.003	0.90	4.22	10.4	<1	2.4	317	0.57	0.31	9.8	0.260	3.6
N811449		43.8	86.6	0.003	0.04	1.47	10.2	<1	1.8	378	0.68	<0.05	10.2	0.272	3.4
N811450		15.5	90.3	<0.002	0.01	1.26	10.2	<1	1.7	384	0.61	<0.05	10.3	0.261	3.5



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 Account: ROCKHA

Project: Klaza - 100

**CERTIFICATE OF ANALYSIS WH12185468**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811415		67	2.0	16.4	50	27.2		
N811416		75	1.6	18.3	50	25.7		
N811417		72	1.0	15.6	40	20.2		
N811418		73	1.0	15.9	40	21.0		
N811419		76	1.2	17.2	48	21.9		
N811420		71	1.3	16.2	49	19.5		
N811421		73	1.1	16.1	41	21.6		
N811422		77	4.2	14.8	70	21.4		
N811423		72	1.3	14.6	41	21.6		
N811424		70	1.0	16.5	38	21.0		
N811425		51	4.4	8.6	>10000	31.4	123	1.640
N811426		73	1.8	14.0	78	20.1		
N811427		70	1.7	13.6	115	20.4		
N811428		65	2.3	13.3	198	19.2		
N811429		63	2.5	15.8	125	20.3		
N811430		53	2.3	8.3	4850	14.4		
N811431		3	0.2	0.8	20	<0.5		
N811432		74	3.0	14.9	60	22.8		
N811433		66	2.0	17.1	118	27.8		
N811434		62	4.5	13.4	1490	21.6		
N811435		64	5.1	13.9	539	25.6		
N811436		72	2.0	16.1	51	29.2		
N811437		55	5.2	9.8	5250	25.5		
N811438		69	3.2	16.8	152	21.6		
N811439		67	3.2	15.0	229	20.2		
N811440		1	0.1	0.8	16	0.5		
N811441		71	2.1	13.0	96	19.8		
N811442		69	2.0	15.3	39	19.2		
N811443		62	2.2	14.4	49	20.8		
N811444		71	1.3	14.9	42	21.9		
N811445		72	1.3	15.5	42	22.8		
N811446		69	1.4	15.2	40	20.4		
N811447		70	2.2	15.5	165	22.1		
N811448		69	4.4	14.2	1520	21.4		
N811449		72	2.8	14.9	85	23.9		
N811450		69	6.8	14.8	38	22.6		



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**CERTIFICATE OF ANALYSIS WH12185468**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12185469**

Project: Klaza - 100

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12185469**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811451		5.69	<0.005	0.09	6.75	5.9	2050	1.65	0.09	2.64	0.10	40.6	8.0	11	8.76	11.6
N811452		4.79	<0.005	1.03	7.39	5.6	2110	1.46	0.09	2.66	0.09	47.1	7.6	9	7.78	15.0
N811453		2.39	0.130	1.10	6.64	45.1	2730	1.36	1.32	2.81	0.34	42.5	12.1	7	15.45	25.0
N811454		5.90	<0.005	0.24	6.96	6.2	2120	1.61	0.15	2.53	0.57	43.2	7.6	11	6.71	12.0
N811455		2.27	0.006	0.49	6.34	26.8	1910	1.51	0.14	3.18	2.18	42.6	6.9	8	15.35	12.3
N811456		4.59	<0.005	0.27	6.53	15.4	1970	1.51	0.17	2.86	0.17	35.9	7.5	11	13.75	15.4
N811457		3.53	<0.005	0.31	6.57	13.5	2020	1.38	0.19	2.74	0.16	36.8	6.7	8	15.85	19.9
N811458		1.41	<0.005	0.43	6.64	16.8	1870	1.64	0.22	2.51	0.18	41.6	7.3	8	17.30	27.2
N811459		5.49	<0.005	0.31	7.07	7.5	2100	1.66	0.20	2.72	0.18	43.5	7.9	10	11.50	20.2
N811460		3.22	0.006	4.42	6.78	12.8	1640	1.74	0.41	3.10	8.14	45.9	7.2	10	12.10	34.2
N811461		7.27	<0.005	0.09	7.18	7.2	2000	1.75	0.09	2.60	0.11	42.3	7.4	10	11.45	7.7
N811462		4.50	<0.005	0.12	7.18	6.2	2200	1.65	0.10	2.66	0.11	43.2	7.5	13	8.98	11.2
N811463		0.26	2.32	27.2	5.88	3430	1320	1.34	19.65	2.19	75.8	43.3	11.0	18	14.00	416
N811464		3.31	<0.005	0.35	6.87	11.3	2070	1.63	0.11	2.72	0.23	42.4	7.1	12	8.60	7.9
N811465		2.23	0.008	0.69	6.56	27.0	1290	1.42	0.15	2.87	1.64	40.4	6.2	9	17.50	5.7
N811466		3.70	<0.005	0.19	6.81	7.0	2110	1.59	0.11	2.74	0.12	40.5	7.9	11	7.09	11.5
N811467		4.23	<0.005	0.14	6.91	8.7	1750	1.66	0.11	3.00	0.11	42.0	6.4	11	6.95	5.8
N811468		<0.02	<0.005	0.12	6.87	7.9	1730	1.67	0.11	2.96	0.09	41.2	6.4	11	6.83	5.4
N811469		3.05	0.017	2.75	6.83	50.7	1500	1.68	0.69	2.49	14.35	47.6	6.7	9	16.05	26.4
N811470		7.45	0.010	0.95	6.90	59.0	2020	1.80	0.12	2.59	2.59	46.9	7.7	13	7.77	11.9
N811471		4.30	<0.005	0.24	6.99	8.3	2030	1.67	0.14	2.58	0.53	45.3	7.1	11	6.81	10.8
N811472		5.19	<0.005	0.12	6.92	9.7	2270	1.54	0.09	3.16	0.15	41.9	7.4	11	8.71	6.4
N811473		2.61	<0.005	0.56	6.91	9.9	1940	1.54	0.09	2.62	0.14	41.7	7.7	9	13.05	8.3
N811474		6.99	0.008	0.26	7.09	7.9	2080	1.58	0.11	2.85	0.21	39.2	7.5	12	7.80	9.6
N811475		2.76	0.037	1.91	6.71	359	1360	1.54	0.45	3.05	5.61	51.4	6.9	7	17.30	27.3
N811476		3.45	<0.005	0.12	0.06	<5	30	<0.05	0.19	20.4	0.06	1.27	0.6	<1	0.14	9.5
N811477		3.68	<0.005	1.77	6.66	32.0	1900	1.37	0.16	2.33	9.23	36.5	6.0	9	15.30	34.9
N811478		3.47	0.007	0.35	7.04	20.4	1940	1.52	0.52	2.56	0.26	53.3	6.9	9	8.65	10.5
N811479		6.47	<0.005	0.18	7.21	6.3	2200	1.57	0.17	2.60	0.38	46.4	7.7	11	8.32	8.9
N811480		0.26	0.781	10.60	6.54	1790	670	1.58	6.35	1.88	40.4	45.3	17.4	20	15.90	110.0
N811481		3.48	0.008	0.85	7.35	17.9	2010	1.58	0.31	2.78	0.50	49.4	7.5	12	9.33	18.6
N811482		5.99	<0.005	1.80	7.55	6.2	2180	1.58	0.12	2.59	0.14	52.3	7.7	13	5.73	16.6
N811483		6.77	<0.005	0.24	7.20	8.1	2120	1.44	0.28	2.61	0.17	48.7	7.7	12	6.06	16.9
N811484		2.58	0.054	1.78	6.87	42.4	1660	1.39	2.19	2.97	0.36	43.4	8.2	10	15.75	52.2
N811485		3.60	<0.005	0.02	0.10	<5	20	<0.05	0.05	22.1	0.05	1.21	1.4	1	0.31	2.4
N811486		2.51	<0.005	0.21	7.30	7.6	2200	1.29	0.18	2.35	0.13	41.0	7.3	10	10.65	15.4



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Account: ROCKHA

Project: Klaza - 100

**CERTIFICATE OF ANALYSIS WH12185469**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811451		2.84	16.55	0.12	1.0	0.029	2.49	19.1	18.6	0.63	473	1.13	2.04	8.1	2.8	570
N811452		2.99	16.65	0.14	1.0	0.025	2.59	23.3	23.7	0.65	638	1.12	1.53	7.9	2.7	600
N811453		3.38	15.30	0.13	0.9	0.080	2.54	23.1	20.1	0.74	1620	0.95	0.30	7.1	2.6	540
N811454		2.95	16.40	0.13	1.1	0.029	2.61	20.2	13.3	0.76	668	1.50	2.25	8.0	2.8	570
N811455		2.92	15.00	0.13	1.0	0.033	2.80	21.8	21.9	0.84	2340	1.17	0.18	6.9	2.4	520
N811456		2.90	15.65	0.11	1.0	0.028	2.60	17.6	12.3	0.73	1100	1.10	1.79	7.5	2.7	560
N811457		2.90	15.25	0.12	1.0	0.027	2.70	17.3	14.8	0.65	1020	1.14	1.48	7.3	2.4	530
N811458		2.77	16.35	0.12	1.0	0.033	2.65	20.1	15.9	0.62	985	1.34	1.50	7.9	2.6	540
N811459		3.12	17.25	0.12	1.2	0.033	2.66	21.9	11.7	0.70	906	1.28	2.20	8.9	2.9	600
N811460		2.63	16.45	0.14	1.1	0.070	2.11	23.6	9.0	0.65	963	1.04	2.19	8.8	2.7	570
N811461		3.01	16.95	0.13	0.9	0.039	2.48	20.8	14.9	0.71	563	0.84	2.35	8.2	2.8	610
N811462		3.03	16.85	0.13	1.0	0.035	2.64	21.1	12.5	0.75	654	1.08	2.35	8.2	2.8	610
N811463		6.70	14.70	0.13	1.0	1.760	2.62	25.3	23.3	0.90	1840	13.45	0.03	6.0	15.3	440
N811464		2.98	16.25	0.13	0.9	0.033	2.50	19.7	10.5	0.72	573	1.01	2.22	7.9	2.7	590
N811465		2.75	16.20	0.14	0.9	0.040	2.49	18.0	16.9	0.80	1380	0.73	1.08	7.7	2.6	580
N811466		3.03	16.40	0.12	0.9	0.034	2.50	18.2	12.6	0.77	702	0.99	2.20	7.9	2.9	600
N811467		2.72	16.90	0.12	1.0	0.038	2.25	19.9	12.9	0.76	524	1.02	2.48	8.6	2.7	610
N811468		2.72	16.50	0.11	1.1	0.038	2.22	19.9	13.0	0.76	519	0.95	2.43	8.5	2.7	590
N811469		3.65	16.45	0.14	0.9	0.090	2.80	24.0	21.1	0.75	1860	0.64	0.87	7.7	2.7	570
N811470		3.09	17.40	0.12	1.1	0.038	2.58	21.0	16.0	0.80	730	0.92	2.22	8.8	3.0	610
N811471		2.95	16.60	0.13	1.0	0.031	2.53	20.6	16.4	0.77	745	0.89	2.27	8.0	2.8	580
N811472		2.95	16.45	0.14	1.0	0.030	2.45	20.3	15.3	0.76	693	1.31	2.23	8.1	2.9	590
N811473		3.03	16.90	0.12	1.0	0.030	2.43	21.0	19.7	0.69	670	1.52	1.50	8.3	3.7	590
N811474		3.22	16.45	0.13	1.0	0.035	2.67	19.7	14.5	0.78	749	1.09	2.20	8.1	3.0	620
N811475		3.56	15.40	0.14	0.9	0.100	2.84	28.0	18.3	1.05	1910	1.77	0.04	7.3	2.8	530
N811476		0.44	0.19	0.08	<0.1	<0.005	0.02	0.6	1.0	12.35	186	0.14	0.01	0.1	1.2	150
N811477		2.70	15.45	0.12	0.9	0.078	2.49	17.4	29.7	0.62	1090	0.72	0.31	7.6	2.7	580
N811478		3.09	16.45	0.15	1.0	0.060	2.71	27.6	10.1	0.73	1180	0.86	1.92	8.4	2.7	580
N811479		3.11	16.85	0.13	1.1	0.040	2.64	23.1	16.6	0.84	669	1.47	2.30	8.4	2.8	620
N811480		5.27	15.40	0.14	1.3	0.970	2.84	24.0	25.6	0.69	1940	12.55	0.25	7.6	15.2	490
N811481		3.12	16.75	0.14	1.0	0.034	2.77	24.1	13.4	0.75	942	0.92	2.04	8.1	2.9	580
N811482		3.08	16.90	0.15	1.0	0.024	2.70	26.2	16.8	0.83	679	0.97	2.32	8.2	3.3	590
N811483		3.01	18.65	0.16	1.1	0.040	2.53	24.5	15.8	0.79	794	0.98	2.25	8.2	3.3	580
N811484		3.26	18.15	0.17	1.0	0.063	2.64	21.6	29.8	0.85	1260	1.61	1.26	7.8	3.0	560
N811485		0.49	0.41	0.12	<0.1	0.005	0.05	0.6	1.4	13.55	224	0.18	0.01	0.3	<0.2	230
N811486		2.92	18.65	0.15	1.0	0.036	2.56	19.4	25.2	0.71	756	0.98	1.80	8.0	2.9	600



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**CERTIFICATE OF ANALYSIS WH12185469**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811451		15.2	85.8	<0.002	0.02	1.65	9.8	<1	1.6	364	0.62	<0.05	9.9	0.266	0.96	3.5
N811452		16.6	98.2	0.002	0.02	2.06	10.4	<1	1.8	277	0.63	<0.05	12.0	0.265	0.98	3.5
N811453		29.9	119.0	0.002	0.77	11.25	10.0	<1	1.8	125.5	0.54	<0.05	11.0	0.235	1.60	3.5
N811454		47.8	90.0	<0.002	0.02	1.24	9.4	<1	1.7	374	0.70	<0.05	11.1	0.252	1.00	3.6
N811455		96.2	103.5	<0.002	0.30	8.65	9.2	<1	1.5	120.0	0.54	<0.05	10.7	0.217	2.02	4.5
N811456		22.1	81.8	0.002	0.09	2.08	8.8	<1	1.6	311	0.65	<0.05	9.9	0.238	1.24	3.9
N811457		23.1	91.2	<0.002	0.09	2.42	8.3	<1	1.5	250	0.66	<0.05	11.0	0.239	1.31	3.8
N811458		22.7	98.7	<0.002	0.10	2.78	9.6	<1	1.9	247	0.63	<0.05	11.3	0.238	1.36	3.8
N811459		22.0	97.6	<0.002	0.03	1.93	10.2	<1	1.8	366	0.69	<0.05	10.8	0.263	1.11	3.8
N811460		1140	95.6	<0.002	0.23	4.58	10.2	<1	2.1	286	0.78	<0.05	10.6	0.246	1.38	4.7
N811461		18.0	90.9	0.004	0.02	1.45	10.5	<1	1.7	375	0.67	<0.05	10.0	0.265	1.04	3.3
N811462		20.4	90.8	<0.002	0.02	1.30	9.9	<1	1.7	387	0.65	<0.05	10.2	0.269	1.06	3.4
N811463		2720	156.5	<0.002	4.89	87.7	8.1	<1	7.9	94.7	0.50	0.31	10.6	0.180	2.39	5.2
N811464		20.5	80.3	<0.002	0.02	1.38	9.7	<1	1.6	377	0.61	<0.05	9.4	0.258	1.00	3.4
N811465		91.3	96.6	0.002	0.24	5.35	9.7	<1	1.7	165.0	0.61	<0.05	9.3	0.248	1.71	3.3
N811466		16.5	82.1	<0.002	0.05	1.39	9.5	<1	1.6	371	0.59	<0.05	9.1	0.265	1.02	3.2
N811467		14.9	74.1	<0.002	0.02	2.11	9.8	<1	1.8	375	0.72	<0.05	9.5	0.267	0.98	3.2
N811468		13.8	73.5	0.003	0.02	2.08	10.4	<1	1.8	367	0.69	<0.05	9.6	0.264	0.99	3.2
N811469		487	118.0	<0.002	0.50	10.55	10.1	<1	2.0	195.5	0.57	<0.05	10.5	0.242	2.30	3.7
N811470		159.5	90.7	<0.002	0.09	2.17	10.6	<1	1.8	362	0.66	<0.05	10.2	0.261	1.09	3.6
N811471		42.6	87.3	0.002	0.04	1.35	9.8	<1	1.8	370	0.64	<0.05	10.7	0.259	0.92	4.1
N811472		17.0	85.8	0.002	0.03	1.32	10.0	<1	1.7	371	0.64	<0.05	9.7	0.258	0.96	3.8
N811473		18.6	83.4	<0.002	0.05	4.14	10.0	<1	1.6	275	0.66	<0.05	10.1	0.254	1.02	3.5
N811474		28.3	79.3	0.003	0.05	1.53	9.5	<1	1.6	384	0.67	<0.05	9.9	0.270	1.05	3.8
N811475		336	141.5	0.002	0.96	11.10	9.7	<1	1.8	94.6	0.58	<0.05	12.4	0.226	2.39	5.8
N811476		2.5	1.2	<0.002	0.01	0.06	0.1	<1	0.2	50.8	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N811477		537	86.9	<0.002	0.27	14.15	9.1	<1	1.7	116.5	0.61	<0.05	9.6	0.246	1.55	4.7
N811478		31.8	116.0	<0.002	0.42	3.52	10.5	<1	1.7	278	0.65	<0.05	12.6	0.251	1.43	4.2
N811479		25.3	94.1	<0.002	0.04	1.44	10.2	<1	1.8	397	0.65	<0.05	10.9	0.266	1.01	3.8
N811480		1300	151.5	0.003	3.12	32.3	9.1	<1	5.9	150.0	0.61	0.28	11.3	0.211	2.44	5.1
N811481		44.9	113.5	<0.002	0.21	2.47	10.4	<1	1.7	333	0.62	<0.05	11.8	0.260	1.27	4.2
N811482		18.6	102.5	0.004	0.02	1.02	10.4	<1	1.7	407	0.64	<0.05	12.6	0.263	0.98	4.5
N811483		23.5	90.3	<0.002	0.08	1.00	11.6	1	1.5	368	0.65	<0.05	12.7	0.244	0.99	4.4
N811484		36.5	101.0	<0.002	0.60	9.98	11.2	1	1.7	239	0.61	0.07	11.1	0.236	1.55	4.9
N811485		1.6	2.4	<0.002	0.02	0.05	0.7	1	<0.2	45.5	<0.05	<0.05	<0.2	0.005	0.02	0.7
N811486		17.3	89.8	<0.002	0.04	3.20	10.7	1	1.7	306	0.58	<0.05	11.2	0.255	1.18	3.5





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**CERTIFICATE OF ANALYSIS WH12185469**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N811451		69	6.8	13.4	38	23.6
N811452		68	10.3	14.9	43	24.3
N811453		62	5.3	14.8	74	21.8
N811454		67	5.1	14.3	78	25.2
N811455		61	4.3	13.8	206	22.7
N811456		64	5.0	12.6	62	23.3
N811457		64	5.4	11.9	60	22.7
N811458		63	5.9	13.0	60	24.8
N811459		70	5.7	15.0	65	28.3
N811460		65	3.3	14.6	467	26.0
N811461		71	3.1	14.8	39	23.3
N811462		72	3.6	14.5	41	22.2
N811463		55	5.4	9.7	5400	25.8
N811464		70	2.2	13.7	41	22.8
N811465		67	2.8	12.6	133	22.2
N811466		70	4.4	13.6	42	21.8
N811467		72	2.7	14.0	38	24.2
N811468		71	3.0	14.3	37	26.5
N811469		64	3.1	12.9	1120	22.4
N811470		69	2.5	15.2	180	26.1
N811471		68	1.3	14.6	63	23.1
N811472		69	1.3	14.8	43	24.7
N811473		68	2.3	15.0	45	26.7
N811474		73	2.2	14.0	57	25.2
N811475		62	3.7	13.1	445	23.5
N811476		1	0.1	0.7	15	<0.5
N811477		63	4.7	12.4	1040	23.4
N811478		67	2.4	14.5	68	27.7
N811479		71	2.8	15.2	73	26.9
N811480		56	5.3	11.1	2930	40.5
N811481		68	3.1	15.2	81	25.7
N811482		70	17.5	16.1	48	26.2
N811483		69	4.1	17.4	54	29.3
N811484		67	7.0	15.6	68	27.8
N811485		4	0.1	1.1	11	<0.5
N811486		69	7.1	16.1	50	27.4



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**CERTIFICATE OF ANALYSIS WH12185469**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12185490**

Project: Klaza - 100

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12185490**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811487		7.99	<0.005	0.18	7.73	7.7	2440	1.48	0.22	2.77	0.20	50.0	7.4	13	6.07	10.4
N811488		8.29	0.005	0.29	7.23	8.1	2250	1.45	0.30	2.55	0.19	47.0	7.5	10	6.34	18.0
N811489		5.93	<0.005	0.21	7.18	7.9	2000	1.59	0.15	2.57	0.21	52.7	7.6	11	5.08	11.8
N811490		0.26	0.794	9.24	6.43	1810	1560	1.42	5.88	1.85	39.7	46.9	16.3	19	15.30	104.5
N811491		6.50	<0.005	0.27	7.21	9.3	2070	1.53	0.15	2.64	0.20	46.9	7.5	11	5.57	8.0
N811492		2.85	0.031	3.18	7.04	57.7	1470	1.93	2.12	3.72	5.14	53.5	11.6	39	16.35	56.9
N811493		3.27	<0.005	0.05	0.27	<5	60	0.13	0.04	22.8	0.13	1.36	1.8	5	0.66	3.9
N811494		6.60	<0.005	0.13	7.52	5.6	2150	1.40	0.14	2.72	0.13	52.5	7.7	10	4.90	8.9
N811495		7.26	<0.005	0.18	7.56	6.4	2170	1.63	0.14	2.74	0.15	52.5	7.6	10	5.72	13.5
N811496		2.66	<0.005	0.11	7.68	5.6	2110	1.58	0.11	2.75	0.12	53.4	7.1	10	6.13	9.3
N811497		1.77	<0.005	0.09	7.60	5.7	2120	1.48	0.12	2.84	0.10	50.4	6.9	10	6.17	9.5
N811498		2.68	<0.005	0.20	7.07	8.1	1800	1.50	0.13	2.73	0.43	47.1	4.1	9	7.79	4.8
N811499		6.81	<0.005	0.33	7.39	11.5	2060	1.52	0.13	2.68	0.16	52.9	7.2	10	9.15	10.2
N811500		2.90	<0.005	0.36	7.47	12.0	1850	1.46	0.13	2.70	1.68	56.6	5.8	9	10.30	7.9
N811501		2.69	0.025	0.99	7.48	32.8	1690	1.37	1.36	2.50	0.50	51.5	6.2	9	11.55	11.6
N811502		7.61	<0.005	0.18	7.48	7.9	2180	1.55	0.09	2.65	0.25	50.8	7.0	11	6.98	11.6
N811503		0.26	4.40	>100	5.74	8770	1370	1.19	63.1	2.02	227	36.2	9.2	17	11.80	1315
N811504		4.02	0.005	0.14	7.53	8.2	2040	1.71	0.11	2.65	0.17	57.1	7.1	10	6.07	9.7
N811505		2.96	0.019	0.84	7.59	23.4	1700	1.51	0.83	2.16	4.41	56.8	7.3	8	20.3	15.2
N811506		3.58	0.079	5.17	7.41	594	1180	1.53	1.80	2.13	6.93	56.3	6.7	8	15.25	63.7
N811507		3.13	<0.005	0.17	7.62	21.9	2020	1.78	0.11	2.75	0.15	56.3	7.3	10	15.95	11.6
N811508		3.62	<0.005	0.14	7.61	7.7	2050	1.89	0.14	2.76	0.17	55.2	7.2	9	10.25	12.7
N811509		<0.02	<0.005	0.12	7.15	6.6	2030	1.91	0.15	2.68	0.16	50.8	7.5	9	9.84	11.9
N811510		2.66	0.039	1.73	7.18	161.0	1670	1.70	0.26	2.61	4.64	55.5	5.6	8	15.25	15.2
N811511		2.27	0.006	0.27	7.51	17.8	1700	1.73	0.27	3.01	0.44	54.0	8.0	9	10.45	6.0
N811512		3.07	0.190	11.45	6.65	997	960	1.50	0.91	2.09	44.0	50.9	5.5	6	13.90	61.6
N811513		3.02	0.014	2.05	7.31	67.6	1210	1.61	1.05	2.74	6.46	56.0	6.8	9	15.90	27.7
N811514		2.47	0.137	5.95	6.84	596	400	1.29	4.02	1.21	12.65	47.9	16.7	10	6.88	65.8
N811515		3.34	<0.005	0.03	0.07	<5	20	0.05	0.02	20.8	0.09	1.09	1.1	<1	0.13	1.6
N811516		3.24	0.315	8.85	7.15	2140	1210	1.25	1.15	4.64	21.5	34.8	19.3	193	24.3	57.6
N811517		2.38	<0.005	0.41	7.28	16.6	1690	1.13	0.15	3.85	2.11	32.4	15.9	161	14.45	30.2
N811518		2.23	0.012	0.58	7.23	51.4	1140	1.38	0.24	4.17	2.52	34.6	13.6	150	25.4	24.0
N811519		4.58	<0.005	0.44	6.91	33.5	1510	1.53	0.29	4.14	1.39	26.9	15.6	137	28.0	26.3
N811520		4.28	<0.005	0.17	6.84	29.8	1110	1.35	0.19	4.14	0.31	31.1	13.0	91	18.05	4.8
N811521		5.20	<0.005	0.34	7.08	57.1	1170	1.95	0.21	4.84	0.60	29.9	16.4	164	32.4	22.8
N811522		2.60	0.200	15.45	5.68	869	630	1.49	21.0	5.95	42.1	42.7	11.5	64	21.8	37.9



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**CERTIFICATE OF ANALYSIS WH12185490**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811487		3.06	19.05	0.16	1.1	0.052	2.66	24.7	16.7	0.88	671	1.32	2.51	8.5	2.9	630
N811488		2.93	18.35	0.16	1.1	0.038	2.75	22.6	14.8	0.78	871	1.17	2.22	8.1	2.7	590
N811489		2.87	18.80	0.17	1.1	0.042	2.50	26.2	18.5	0.83	682	1.23	2.40	8.4	2.8	590
N811490		5.21	17.00	0.19	1.3	0.870	2.70	25.2	27.5	0.68	1890	13.20	0.26	7.6	16.5	480
N811491		2.85	18.90	0.16	1.2	0.038	2.58	22.8	20.6	0.76	699	1.37	2.44	8.3	2.9	590
N811492		3.69	18.85	0.13	1.2	0.067	3.06	25.6	10.0	1.07	2560	3.30	1.07	6.9	12.9	600
N811493		0.51	0.76	0.12	<0.1	0.006	0.12	0.7	2.6	14.05	226	0.15	0.02	0.4	2.8	210
N811494		2.92	19.45	0.16	1.3	0.038	2.64	26.0	15.5	0.83	688	1.31	2.47	8.9	2.7	610
N811495		2.87	19.50	0.19	1.5	0.038	2.61	27.0	18.3	0.79	743	1.47	2.39	8.7	2.7	590
N811496		2.89	19.05	0.19	1.1	0.037	2.58	27.6	16.9	0.79	594	1.11	2.44	8.2	2.6	610
N811497		2.99	19.05	0.17	1.1	0.038	2.58	24.5	16.8	0.79	600	1.11	2.53	8.1	2.7	620
N811498		2.12	18.85	0.16	1.2	0.067	2.45	23.3	11.8	0.71	887	0.93	2.19	8.1	2.4	600
N811499		2.87	18.70	0.18	1.2	0.036	2.61	26.2	16.3	0.77	844	1.19	2.42	8.0	2.7	580
N811500		2.60	19.00	0.18	1.3	0.060	2.55	28.5	16.1	0.67	638	1.45	2.36	8.3	3.0	640
N811501		3.89	19.40	0.18	1.1	0.175	2.95	26.9	17.4	0.74	1300	2.12	1.30	8.0	2.6	590
N811502		2.87	19.10	0.18	1.3	0.039	2.62	24.5	15.5	0.81	618	1.22	2.53	8.5	2.8	610
N811503		8.39	14.85	0.20	1.1	4.86	2.38	18.7	32.8	0.65	3150	16.15	0.10	5.7	14.6	460
N811504		2.74	20.1	0.18	1.4	0.039	2.67	28.8	16.2	0.82	557	1.23	2.43	8.8	2.9	590
N811505		3.59	19.80	0.19	1.3	0.080	3.07	29.2	32.3	0.76	1310	1.21	0.87	8.7	2.8	600
N811506		4.59	18.05	0.20	1.3	0.268	3.33	30.8	19.5	0.79	2030	2.24	0.06	7.8	3.0	560
N811507		2.81	19.25	0.19	1.3	0.038	2.99	28.4	18.4	0.69	738	1.19	2.04	8.9	2.8	620
N811508		2.91	20.1	0.18	1.4	0.040	2.74	27.5	12.8	0.77	669	1.22	2.38	9.3	2.9	610
N811509		2.84	19.75	0.19	1.4	0.041	2.73	24.3	12.6	0.76	649	1.32	2.39	9.0	2.8	600
N811510		3.03	19.10	0.20	1.1	0.080	3.10	27.8	18.2	0.74	1140	0.62	1.34	8.2	2.6	600
N811511		2.48	20.0	0.18	1.2	0.045	2.59	27.0	18.2	0.83	693	4.73	2.09	8.3	4.6	640
N811512		3.62	17.05	0.19	1.0	0.289	2.81	28.3	14.8	0.75	1760	2.03	0.11	7.0	2.9	500
N811513		2.45	18.05	0.17	1.1	0.097	3.06	30.6	21.6	1.04	1990	1.53	0.06	7.5	3.2	550
N811514		4.55	17.95	0.19	1.0	0.512	3.18	25.3	6.8	0.66	856	3.03	0.06	6.8	5.3	510
N811515		0.43	0.33	0.13	<0.1	0.005	0.03	0.5	1.1	12.75	188	0.14	0.01	0.3	<0.2	190
N811516		5.04	17.35	0.16	1.6	0.126	2.09	18.2	37.9	2.06	1770	2.14	0.97	6.3	72.0	580
N811517		3.56	18.60	0.16	1.8	0.046	2.07	15.7	43.0	2.06	778	1.52	1.68	7.5	58.1	640
N811518		3.04	17.30	0.15	1.7	0.069	1.80	18.0	128.5	1.45	908	1.13	0.06	7.0	44.6	610
N811519		3.31	15.90	0.09	1.8	0.075	2.45	13.8	39.8	1.78	832	1.00	1.06	6.9	46.1	680
N811520		2.92	15.45	0.08	1.6	0.061	2.50	16.5	38.9	1.65	987	0.76	0.17	6.4	33.5	660
N811521		3.72	14.60	0.08	1.7	0.063	2.28	16.5	112.0	1.99	1600	1.40	0.45	6.5	53.9	640
N811522		5.22	12.10	0.09	1.6	0.616	1.97	24.0	64.7	2.34	10650	9.24	0.06	6.9	27.3	600



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**CERTIFICATE OF ANALYSIS WH12185490**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N811487		20.5	91.1	<0.002	0.05	1.11	12.0	1	1.8	404	0.66	<0.05	13.4	0.268	5.5
N811488		24.8	92.6	<0.002	0.11	1.10	10.9	1	1.6	353	0.62	<0.05	11.5	0.251	3.9
N811489		22.6	89.3	<0.002	0.03	1.07	12.0	1	1.7	383	0.67	<0.05	13.9	0.252	4.4
N811490		1280	142.5	<0.002	2.98	31.2	9.7	1	5.6	149.5	0.59	0.28	11.9	0.200	5.7
N811491		20.1	88.3	<0.002	0.02	1.11	11.5	1	1.6	379	0.68	<0.05	12.6	0.252	4.4
N811492		423	109.5	0.002	1.50	9.49	11.7	2	2.1	222	0.61	0.16	12.3	0.262	4.9
N811493		4.9	4.6	<0.002	0.02	0.11	0.7	1	0.2	46.0	<0.05	<0.05	<0.2	0.010	0.5
N811494		19.5	93.2	<0.002	0.02	1.00	11.9	1	1.6	383	0.74	<0.05	14.8	0.260	5.2
N811495		19.9	102.5	<0.002	0.02	1.17	12.0	1	1.6	381	0.79	<0.05	14.5	0.249	5.3
N811496		17.3	95.7	<0.002	0.01	1.09	12.1	1	1.6	393	0.64	<0.05	14.5	0.258	4.7
N811497		16.9	85.3	<0.002	0.01	1.16	11.4	1	1.6	400	0.64	<0.05	13.0	0.259	4.0
N811498		28.5	95.8	<0.002	0.06	2.11	11.3	1	1.7	248	0.63	<0.05	10.8	0.253	3.2
N811499		77.3	92.7	<0.002	0.04	2.08	11.5	1	1.6	363	0.67	<0.05	13.3	0.249	4.3
N811500		86.4	97.9	<0.002	0.08	2.22	12.2	1	1.8	315	0.70	<0.05	14.0	0.257	4.3
N811501		58.8	127.5	<0.002	1.03	2.77	11.8	1	2.0	226	0.64	0.05	13.6	0.245	4.9
N811502		34.9	83.7	<0.002	0.02	1.12	11.7	1	1.7	383	0.71	<0.05	13.0	0.252	4.7
N811503		9620	117.5	<0.002	7.39	222	7.9	2	8.8	130.0	0.44	0.49	8.7	0.188	5.9
N811504		20.1	96.3	<0.002	0.02	1.25	12.6	1	1.7	371	0.76	<0.05	13.6	0.252	5.1
N811505		232	117.0	<0.002	0.44	8.04	12.1	1	2.1	210	0.80	<0.05	14.0	0.255	4.4
N811506		440	208	<0.002	3.74	33.6	11.7	1	4.3	76.1	0.69	0.09	15.0	0.232	6.3
N811507		19.5	104.5	<0.002	0.14	3.61	12.1	1	1.7	338	0.85	<0.05	15.9	0.262	5.7
N811508		21.2	101.5	<0.002	0.06	2.03	12.6	1	1.8	372	0.92	<0.05	14.3	0.258	5.5
N811509		19.1	93.1	<0.002	0.06	1.85	12.1	1	1.8	364	0.91	<0.05	12.8	0.258	5.0
N811510		150.0	131.0	<0.002	0.97	13.95	12.6	1	2.8	238	0.65	0.06	13.2	0.249	4.4
N811511		34.3	95.3	<0.002	0.26	4.29	12.9	1	1.8	320	0.64	0.08	13.4	0.266	4.5
N811512		712	169.0	<0.002	2.62	44.0	11.0	1	7.7	84.9	0.55	0.16	13.5	0.212	5.3
N811513		267	150.5	<0.002	0.75	15.20	11.5	1	2.3	133.0	0.62	0.16	13.9	0.228	5.3
N811514		841	203	<0.002	3.92	14.90	10.6	1	3.7	44.2	0.56	0.35	12.7	0.217	3.0
N811515		2.9	1.1	<0.002	0.01	0.06	0.2	1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	0.6
N811516		881	105.0	<0.002	2.12	29.1	19.0	1	3.4	358	0.46	<0.05	6.8	0.296	3.0
N811517		59.4	58.7	<0.002	0.04	9.01	15.4	1	0.8	564	0.59	<0.05	6.9	0.297	3.2
N811518		56.2	63.6	<0.002	0.19	20.2	15.2	1	1.1	350	0.56	<0.05	7.3	0.277	4.6
N811519		105.5	91.8	0.002	0.11	11.50	13.2	<1	1.0	554	0.63	<0.05	6.1	0.294	3.3
N811520		52.8	112.5	0.002	0.14	12.60	11.0	<1	1.1	365	0.60	<0.05	7.6	0.239	3.8
N811521		42.8	112.0	<0.002	0.18	19.10	15.9	<1	1.1	566	0.55	<0.05	6.5	0.296	3.1
N811522		583	84.4	<0.002	1.75	28.4	8.2	<1	3.4	309	0.50	<0.05	6.6	0.206	5.1



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**CERTIFICATE OF ANALYSIS WH12185490**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811487		75	3.8	18.7	51	30.3		
N811488		71	6.2	16.3	59	28.8		
N811489		72	5.0	18.4	49	30.2		
N811490		57	5.1	12.2	2890	41.7		
N811491		71	4.5	17.1	52	31.8		
N811492		83	3.4	14.3	431	30.3		
N811493		6	0.1	1.1	17	1.3		
N811494		72	5.1	18.9	49	32.9		
N811495		69	6.9	19.4	49	37.0		
N811496		71	6.7	18.5	42	29.3		
N811497		73	5.3	17.1	43	29.9		
N811498		72	4.7	13.7	65	31.1		
N811499		70	5.1	17.0	47	31.4		
N811500		75	3.8	16.6	166	32.4		
N811501		70	4.1	15.2	93	27.8		
N811502		73	3.1	17.3	51	32.8		
N811503		55	4.5	10.0	>10000	34.9	124	1.625
N811504		70	3.6	18.7	46	34.5		
N811505		72	4.7	16.0	417	32.8		
N811506		64	4.5	15.1	612	32.6		
N811507		74	3.6	17.7	45	33.6		
N811508		72	4.2	18.8	44	36.0		
N811509		73	3.4	17.1	43	36.1		
N811510		71	3.0	15.7	359	29.4		
N811511		77	2.7	15.8	66	31.6		
N811512		61	3.0	12.4	3000	26.9		
N811513		67	2.9	13.1	544	28.6		
N811514		70	3.2	7.2	1100	26.5		
N811515		3	0.1	0.8	13	<0.5		
N811516		126	2.5	14.6	1700	53.1		
N811517		116	1.4	12.4	178	60.2		
N811518		104	4.5	11.9	171	59.7		
N811519		110	1.7	10.3	140	54.7		
N811520		90	1.6	10.1	100	49.9		
N811521		112	2.9	11.5	118	54.1		
N811522		58	3.6	10.3	4230	56.4		



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**CERTIFICATE OF ANALYSIS WH12185490**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12186009**

Project: Klaza - 80

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12163811\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12186009**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M899823		0.005
M899824		0.032
M899825		0.018
M899826		0.078
M899827		0.042
M899828		0.032
M899829		0.018
M899830		0.047
M899831		0.007
M899832		4.47
M899833		0.032
M899834		0.034
M899835		0.048
M899836		0.946
M899837		<0.005
M899838		0.059
M899839		0.150
M899840		0.005
M899841		<0.005
M899842		0.030
M899843		0.172
M899844		<0.005
M899845		2.35
M899846		0.009
M899847		0.088
M899848		0.020
M899849		0.125
M899850		0.260
M899851		0.029
M899852		0.028
M899853		0.104
M899854		0.674
M899855		<0.005
M899856		0.189
M899857		<0.005
M899858		0.335

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12163811\*\*



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Page: 1

Finalized Date: 31-AUG-2012

Account: ROCKHA

**CERTIFICATE WH12186245**

Project: Klaza-86

P.O. No.: Batch 4

This report is for 21 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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 Account: ROCKHA

Project: Klaza-86

**CERTIFICATE OF ANALYSIS WH12186245**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811107		2.36	<0.005	0.25	7.19	6.7	2230	1.36	0.36	3.35	0.46	61.9	5.3	14	8.89	2.0
N811108		2.16	0.005	0.39	7.34	8.2	2140	1.61	0.66	2.60	0.40	50.7	7.4	10	11.05	8.8
N811109		2.01	0.974	12.80	5.28	470	480	1.18	14.95	2.16	31.6	41.8	24.8	8	9.65	74.5
N811110		3.49	<0.005	0.02	0.07	<5	30	0.06	0.03	21.9	0.11	1.39	1.1	<1	0.16	3.3
N811111		1.80	0.015	0.54	7.10	23.9	1920	1.61	0.69	2.73	1.22	49.8	10.8	12	16.80	11.4
N811112		2.55	0.005	0.17	7.43	7.9	2300	1.56	0.38	2.72	0.27	49.4	6.6	13	9.44	5.2
N811113		2.20	0.008	0.30	7.14	15.9	2100	1.61	0.72	2.55	0.20	47.7	6.0	13	17.00	10.5
N811114		1.92	0.301	3.17	6.85	309	780	1.63	2.89	2.52	17.10	50.8	9.8	11	16.95	29.3
N811115		1.85	0.033	0.85	6.97	39.3	1540	1.51	2.61	2.21	0.21	53.9	57.7	11	12.75	11.5
N811116		1.96	0.008	0.35	7.10	10.7	3400	1.56	1.20	2.40	0.21	51.4	6.0	10	15.25	10.9
N811117		3.35	<0.005	0.17	7.45	8.2	2180	1.86	0.36	2.52	0.26	49.9	12.6	15	9.65	4.6
N811118		0.26	0.784	10.10	6.50	1510	1080	1.56	6.57	1.86	43.6	44.7	17.7	19	16.50	106.5
N811119		3.85	<0.005	0.10	7.23	4.8	2330	1.80	0.20	2.63	0.16	47.6	7.4	19	6.06	2.7
N811120		3.47	0.019	0.44	7.44	18.4	1970	1.83	0.79	2.40	0.34	49.2	7.7	15	10.15	34.0
N811121		1.76	0.008	0.15	7.09	8.7	2340	1.66	0.40	2.78	0.16	47.8	7.2	11	14.55	4.9
N811122		2.86	0.010	0.45	7.31	23.8	1720	1.36	0.39	3.10	0.49	46.2	5.3	10	18.15	11.2
N811123		2.22	0.020	0.40	7.30	29.0	2000	1.57	0.48	2.70	1.00	42.1	6.8	12	12.60	9.3
N811124		4.09	<0.005	0.12	7.66	4.2	2150	1.33	0.19	2.51	0.21	44.5	5.4	13	5.91	3.2
N811125		<0.02	<0.005	0.09	7.49	3.9	2150	1.22	0.17	2.53	0.20	42.5	5.4	14	5.80	3.1
N811126		4.90	<0.005	0.11	7.96	5.3	2290	1.31	0.20	2.72	0.14	49.6	7.2	14	5.23	4.4
N811127		2.72	<0.005	0.12	7.84	5.6	2280	1.25	0.20	2.68	0.13	48.4	7.5	13	5.24	4.0



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Project: Klaza-86

**CERTIFICATE OF ANALYSIS WH12186245**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N811107		2.13	18.10	0.12	1.1	0.079	2.82	33.2	19.0	0.83	705	0.89	1.01	7.8	3.2	660
N811108		2.37	17.75	0.12	1.1	0.108	3.48	25.2	19.1	0.62	599	0.76	1.01	8.0	2.6	650
N811109		10.90	13.35	0.22	0.6	1.935	2.39	22.3	9.7	0.82	2270	1.84	0.04	5.4	3.1	440
N811110		0.51	0.25	<0.05	<0.1	0.010	0.03	0.7	1.0	13.15	212	0.14	0.01	0.2	2.3	170
N811111		3.17	17.55	0.13	1.0	0.075	3.25	24.8	21.4	0.93	907	1.22	0.70	8.5	2.6	640
N811112		3.11	17.60	0.14	1.1	0.108	2.69	25.3	15.6	0.80	598	1.33	1.99	8.6	2.9	630
N811113		3.29	17.75	0.13	1.0	0.129	2.89	23.4	25.3	0.80	690	1.23	1.18	8.5	3.2	650
N811114		5.60	16.90	0.15	1.0	0.994	3.09	26.3	11.0	1.01	3270	4.65	0.04	7.2	3.4	600
N811115		3.91	19.15	0.14	1.0	0.575	2.83	29.6	24.5	0.94	999	4.91	0.10	6.2	5.0	610
N811116		2.98	16.80	0.12	1.1	0.208	3.03	26.2	36.3	0.85	655	0.91	0.45	8.1	2.9	580
N811117		3.27	18.60	0.13	1.1	0.098	2.73	24.6	16.0	0.81	573	1.11	2.08	9.3	3.2	640
N811118		5.10	16.60	0.15	1.3	0.966	2.78	22.8	26.1	0.69	1940	13.65	0.26	7.9	15.5	500
N811119		3.17	18.05	0.12	1.1	0.061	2.65	23.8	14.8	0.85	586	1.17	2.21	8.7	3.2	640
N811120		3.50	17.95	0.13	1.0	0.143	2.81	25.4	27.7	0.86	663	1.03	1.63	8.6	3.2	660
N811121		3.25	17.40	0.11	1.0	0.111	2.83	24.0	52.7	0.77	548	0.65	1.44	8.3	2.6	620
N811122		3.29	15.00	0.12	1.1	0.096	2.85	23.7	17.7	1.01	869	1.20	0.88	8.2	3.3	600
N811123		3.57	16.15	0.12	1.2	0.143	2.99	20.7	14.4	0.86	1140	2.03	1.44	9.0	3.0	650
N811124		3.20	15.35	0.12	1.0	0.060	2.77	23.0	9.7	0.84	578	1.23	2.24	7.9	3.0	620
N811125		3.24	14.95	0.12	1.0	0.059	2.73	21.8	9.5	0.84	585	1.21	2.21	7.9	2.8	620
N811126		3.53	16.05	0.13	0.9	0.063	2.64	25.9	12.6	1.00	643	0.85	2.38	8.3	3.2	690
N811127		3.45	15.95	0.13	0.9	0.058	2.62	25.0	12.4	0.97	626	0.71	2.35	8.2	3.1	680



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Project: Klaza-86

**CERTIFICATE OF ANALYSIS WH12186245**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811107		29.9	160.0	<0.002	0.03	75.5	13.1	1	1.3	282	0.65	<0.05	12.3	0.267	2.20	3.7
N811108		25.2	180.0	<0.002	0.16	5.50	11.8	1	2.1	247	0.62	0.12	13.4	0.241	2.32	4.3
N811109		581	158.5	<0.002	>10.0	15.10	8.3	4	5.3	64.7	0.39	2.05	8.9	0.175	2.34	4.9
N811110		1.9	1.5	<0.002	0.02	<0.05	0.2	2	<0.2	55.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N811111		44.4	133.0	<0.002	0.48	6.68	11.4	1	1.9	242	0.64	0.19	12.4	0.258	1.99	3.6
N811112		22.8	115.0	<0.002	0.13	2.07	11.8	1	1.8	403	0.71	<0.05	15.1	0.258	1.23	5.1
N811113		19.4	127.0	<0.002	0.24	4.77	12.4	1	2.0	317	0.66	<0.05	13.0	0.262	1.74	3.5
N811114		275	225	<0.002	3.02	10.50	11.2	1	4.4	109.0	0.57	0.31	13.8	0.227	2.95	5.5
N811115		15.6	198.0	<0.002	1.45	7.41	13.5	2	3.2	127.5	0.62	0.40	17.1	0.216	2.42	4.8
N811116		17.7	145.0	<0.002	0.20	10.80	11.1	1	2.1	197.0	0.74	0.08	14.7	0.241	1.97	5.2
N811117		20.5	112.5	<0.002	0.14	2.44	12.6	1	2.0	396	0.87	0.05	13.8	0.266	1.27	5.2
N811118		1370	170.5	0.002	3.08	34.9	9.9	2	6.3	148.0	0.62	0.41	11.8	0.207	2.43	5.0
N811119		18.8	100.5	<0.002	0.03	1.63	12.5	1	1.8	406	0.69	<0.05	13.2	0.268	1.15	4.3
N811120		23.6	133.0	<0.002	0.22	4.41	12.4	1	2.3	283	0.67	<0.05	14.2	0.261	1.55	3.5
N811121		17.6	123.0	<0.002	0.23	3.64	11.5	1	2.6	272	0.65	0.05	12.5	0.258	1.56	3.6
N811122		57.6	120.5	<0.002	0.40	4.68	10.2	1	2.3	244	0.70	0.07	12.8	0.264	1.72	4.6
N811123		59.0	120.5	<0.002	0.56	4.17	10.1	1	2.3	315	0.84	0.07	12.1	0.265	1.66	5.0
N811124		20.6	110.0	<0.002	0.02	1.68	10.1	1	1.6	396	0.68	<0.05	14.7	0.264	1.20	4.7
N811125		19.9	105.0	<0.002	0.02	1.67	9.8	1	1.6	392	0.67	<0.05	12.1	0.259	1.17	3.9
N811126		20.0	108.0	<0.002	0.04	1.58	11.3	1	1.8	443	0.62	0.05	12.1	0.290	1.14	4.0
N811127		18.8	105.0	<0.002	0.05	1.52	11.0	1	1.7	435	0.63	<0.05	11.3	0.285	1.11	3.8



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 Finalized Date: 31-AUG-2012  
 Account: ROCKHA

Project: Klaza-86

**CERTIFICATE OF ANALYSIS WH12186245**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811107		85	3.1	17.1	78	25.1	<1
N811108		71	1.9	16.2	61	25.0	<1
N811109		53	3.8	10.8	2390	15.5	13
N811110		2	0.1	1.0	20	0.5	<1
N811111		74	2.1	14.9	87	24.1	1
N811112		74	1.7	16.3	57	24.6	<1
N811113		76	1.9	15.4	51	22.8	<1
N811114		68	3.9	12.3	1320	23.2	3
N811115		84	2.1	15.0	54	22.2	1
N811116		68	2.2	16.0	50	24.5	<1
N811117		75	3.7	16.7	56	23.6	<1
N811118		57	5.6	12.0	3020	38.1	9
N811119		77	1.4	16.7	45	25.4	<1
N811120		74	2.0	16.0	66	23.9	<1
N811121		72	2.0	14.7	58	24.7	<1
N811122		76	2.2	15.6	78	24.5	1
N811123		79	2.8	15.6	109	25.8	<1
N811124		74	1.2	16.1	52	21.5	<1
N811125		72	1.1	15.7	51	23.5	<1
N811126		82	1.1	17.8	48	21.0	<1
N811127		81	1.1	17.4	47	20.3	<1



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**CERTIFICATE OF ANALYSIS WH12186245**

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.





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Finalized Date: 31-AUG-2012

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**CERTIFICATE WH12186246**

Project: Klaza-95

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

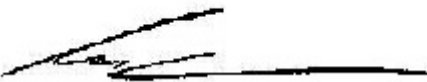
ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-95

**CERTIFICATE OF ANALYSIS WH12186246**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811343		3.80	0.130	2.93	7.18	502	680	1.24	2.45	0.95	20.7	41.9	8.8	9	6.24	47.9
N811344		5.89	3.39	>100	4.80	8730	450	0.87	260	1.56	155.5	22.5	11.6	9	4.24	4340
N811345		3.23	<0.005	0.16	0.07	10	20	0.06	0.18	20.5	0.22	1.23	1.1	<1	0.17	6.7
N811346		4.14	0.800	12.80	5.04	416	310	0.82	8.38	1.85	245	22.8	14.3	7	5.99	259
N811347		2.29	0.006	0.40	7.57	25.1	1430	1.44	0.20	2.03	0.97	55.5	6.0	12	24.9	5.6
N811348		5.42	<0.005	0.21	7.05	10.8	3910	1.46	0.21	3.37	0.62	48.4	6.7	8	20.3	5.8
N811349		4.69	<0.005	0.16	7.32	8.9	1390	1.17	0.25	2.16	0.19	48.2	6.9	10	16.40	6.3
N811350		2.94	1.380	53.7	6.46	267	730	1.08	85.6	1.76	98.1	43.4	5.9	7	16.05	3230
N811351		5.55	0.055	0.96	6.90	10.6	1980	1.22	0.91	2.49	5.51	41.7	6.3	12	16.80	12.4
N811352		<0.02	0.012	0.74	7.33	8.5	2020	1.32	0.78	2.55	4.78	49.4	6.6	15	17.40	11.3
N811353		2.55	0.007	0.71	7.07	6.9	2310	1.31	0.61	2.68	4.09	42.5	5.7	11	14.20	19.7
N811354		1.65	<0.005	0.64	6.58	6.1	2110	1.26	0.30	2.61	5.44	37.1	5.2	9	13.10	13.4
N811355		3.89	<0.005	0.15	7.05	7.2	2270	1.24	0.18	2.70	0.13	42.2	5.8	12	13.15	6.3
N811356		4.91	0.150	4.71	6.85	323	1560	1.24	5.39	1.88	32.9	49.3	7.9	10	11.80	89.7
N811357		2.52	<0.005	0.24	7.24	9.6	2200	1.30	0.33	2.61	0.28	48.3	6.2	11	11.85	7.2
N811358		2.55	0.080	2.38	6.62	51.2	1470	1.32	0.66	2.48	4.14	46.0	7.8	9	12.25	15.9
N811359		2.93	<0.005	0.07	7.48	8.3	2260	1.49	0.19	2.70	0.12	46.1	5.9	9	8.47	3.4
N811360		0.26	2.21	23.8	6.00	3430	1600	1.23	20.7	2.17	78.5	42.7	11.6	17	13.20	422
N811361		2.35	0.005	0.29	7.13	22.5	1710	1.48	0.43	2.02	0.36	42.1	15.9	8	10.30	6.1
N811362		3.21	0.006	0.29	7.28	24.4	1580	1.39	0.44	1.75	0.22	51.8	14.8	7	15.10	29.9
N811363		3.28	<0.005	0.17	7.67	27.0	1720	1.27	0.18	1.77	0.14	42.3	5.7	9	17.00	4.2
N811364		7.20	0.007	0.12	6.94	13.9	1930	1.38	0.18	2.54	0.12	41.7	5.9	8	13.15	3.0
N811365		4.40	<0.005	0.24	7.26	25.1	2260	1.47	0.29	2.57	0.64	42.0	7.4	11	9.15	9.6
N811366		0.26	2.37	22.5	5.45	3110	1430	1.19	18.90	1.97	71.4	42.6	10.3	17	12.10	386
N811367		4.69	<0.005	0.21	7.36	14.9	2220	1.55	0.24	2.45	0.38	47.1	7.1	10	8.80	8.5
N811368		2.59	0.005	0.12	7.01	8.8	1670	1.39	0.18	1.86	0.22	47.1	6.5	8	16.15	7.3
N811369		5.28	<0.005	0.08	7.30	5.9	2130	1.59	0.11	2.51	0.13	46.7	7.4	11	9.16	7.6
N811370		3.53	0.005	0.09	7.76	9.2	2020	1.15	0.12	1.17	0.24	47.9	8.0	10	13.00	8.0
N811371		4.43	0.007	0.17	7.77	11.3	2820	1.27	0.17	1.59	1.64	48.1	7.1	9	12.15	9.9
N811372		2.62	<0.005	0.08	7.21	8.0	2060	1.44	0.12	2.33	0.10	45.4	7.2	9	14.35	10.3
N811373		3.05	0.188	1.20	6.21	573	1280	1.36	1.09	2.25	5.34	60.8	8.4	9	19.15	30.0
N811374		4.53	<0.005	0.02	0.10	<5	40	0.08	0.04	20.1	0.07	1.56	0.6	<1	0.28	1.6
N811375		5.19	<0.005	0.15	6.95	11.1	1580	1.44	0.16	2.31	0.18	43.5	4.8	9	12.90	4.0
N811376		2.87	0.009	0.09	6.00	12.8	1640	1.10	0.12	2.97	0.17	39.3	3.8	9	7.72	1.5
N811377		4.88	<0.005	0.12	6.66	7.1	2180	1.45	0.21	2.88	0.13	37.6	7.2	10	8.41	3.8
N811378		8.30	<0.005	0.06	7.34	6.7	2280	1.54	0.12	2.46	0.10	42.8	7.8	10	8.31	6.6



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Finalized Date: 31-AUG-2012  
Account: ROCKHA

Project: Klaza-95

**CERTIFICATE OF ANALYSIS WH12186246**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811343		4.66	15.60	0.12	1.0	0.860	3.56	22.1	7.2	0.60	2240	1.48	0.04	7.0	3.1	560
N811344		7.24	12.30	0.19	0.6	3.40	2.26	11.2	9.7	0.70	1370	4.64	0.04	4.6	3.9	360
N811345		0.45	0.33	<0.05	<0.1	0.008	0.03	0.6	0.8	12.35	192	0.18	<0.01	0.3	2.2	350
N811346		7.50	12.40	0.19	0.7	4.24	2.39	11.1	7.0	0.92	2920	5.75	0.03	4.9	2.9	390
N811347		2.60	17.35	0.09	1.2	0.077	2.91	29.8	42.1	0.73	937	4.10	0.05	8.8	3.1	610
N811348		2.65	17.30	0.11	1.2	0.070	2.49	25.3	65.7	1.04	833	2.40	0.09	8.4	3.0	600
N811349		2.67	17.15	0.09	1.0	0.079	2.64	25.5	65.3	0.75	803	7.64	0.06	7.8	2.9	590
N811350		5.51	14.45	0.15	0.9	6.11	2.44	22.0	69.1	0.68	1410	4.94	0.04	6.3	2.8	490
N811351		2.83	16.95	0.11	1.0	0.095	2.74	20.4	31.0	0.68	647	2.49	1.45	7.7	3.0	600
N811352		2.92	16.40	0.09	1.1	0.091	2.79	25.9	31.5	0.73	653	1.81	1.47	7.8	3.0	620
N811353		2.98	17.15	0.12	1.2	0.097	2.82	20.8	16.0	0.76	725	1.06	1.73	7.8	2.9	590
N811354		2.81	15.75	0.10	1.1	0.087	2.75	17.6	15.5	0.71	714	1.04	1.57	7.1	3.1	560
N811355		2.60	16.10	0.10	1.1	0.051	2.83	20.8	17.0	0.76	634	0.91	1.75	7.5	3.1	580
N811356		3.59	16.25	0.14	1.0	0.748	2.97	27.2	19.0	0.80	1420	1.31	0.09	7.0	3.4	530
N811357		2.94	15.95	0.09	1.1	0.069	3.07	24.9	14.0	0.77	835	3.03	1.40	7.4	3.1	630
N811358		3.23	14.50	0.12	1.0	0.246	2.88	24.8	12.1	0.79	1640	0.87	0.50	6.6	2.7	530
N811359		2.57	16.35	0.09	1.3	0.059	2.78	20.9	10.4	0.70	557	0.98	1.66	7.6	1.9	580
N811360		6.62	14.65	0.08	1.1	1.640	2.52	25.4	25.5	0.92	1820	13.30	0.03	6.0	14.8	430
N811361		2.13	17.40	0.08	1.1	0.065	2.74	19.1	19.5	0.76	469	4.99	0.51	7.4	2.1	530
N811362		1.78	17.95	0.11	1.3	0.060	2.72	26.2	24.9	0.74	481	8.23	0.05	8.3	2.3	550
N811363		2.53	16.60	0.11	1.2	0.046	2.72	19.5	61.7	0.58	547	1.51	0.07	8.3	1.7	640
N811364		2.72	16.00	0.09	1.1	0.052	2.65	18.1	15.0	0.54	528	1.31	1.40	7.8	2.0	570
N811365		2.97	16.90	0.08	1.3	0.048	2.53	19.0	13.5	0.79	684	1.33	2.19	8.2	2.3	580
N811366		6.05	13.30	0.09	0.9	1.445	2.29	22.4	22.9	0.84	1700	11.75	0.02	5.4	13.3	390
N811367		2.89	16.45	0.11	1.4	0.045	2.50	21.1	14.0	0.82	688	1.57	2.08	8.2	2.4	580
N811368		2.65	16.50	0.09	1.4	0.055	2.50	21.6	28.0	0.53	713	1.46	0.65	8.6	1.9	550
N811369		2.90	16.30	0.08	1.2	0.035	2.48	20.7	14.0	0.78	569	0.73	2.22	8.1	2.2	600
N811370		2.80	17.00	0.09	1.2	0.038	2.48	24.0	35.6	0.37	672	0.89	0.12	8.5	2.9	640
N811371		3.03	17.15	0.08	1.1	0.105	2.63	23.8	30.0	0.57	644	5.42	0.37	8.0	2.2	610
N811372		2.78	17.05	0.10	1.1	0.038	2.66	20.8	22.6	0.64	491	0.95	1.37	8.1	2.1	590
N811373		4.39	14.10	0.10	1.0	0.291	2.48	31.6	26.9	0.95	1530	12.25	0.03	6.6	3.3	510
N811374		0.45	0.28	0.05	<0.1	<0.005	0.04	0.7	1.2	12.65	202	0.20	0.01	0.2	1.1	190
N811375		2.50	15.70	0.10	1.2	0.055	2.86	19.8	24.8	0.66	818	1.57	0.07	8.2	1.7	560
N811376		2.77	13.70	0.10	1.5	0.058	2.68	18.1	11.4	1.06	1100	1.73	0.05	6.6	1.6	430
N811377		2.73	15.75	0.10	1.3	0.039	2.79	16.2	11.2	0.70	572	1.43	1.50	7.6	1.9	530
N811378		2.99	16.90	0.09	1.3	0.047	2.66	18.7	13.7	0.86	513	0.93	2.34	8.1	2.3	600



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Project: Klaza-95

**CERTIFICATE OF ANALYSIS WH12186246**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811343		466	215	<0.002	2.92	13.55	9.7	1	4.4	20.7	0.64	0.18	12.4	0.231	3.15	3.4
N811344		4360	142.5	<0.002	7.04	255	6.4	2	11.6	27.8	0.39	0.95	7.5	0.146	2.05	3.5
N811345		6.8	2.0	<0.002	0.01	0.40	0.4	1	<0.2	43.1	<0.05	<0.05	<0.2	<0.005	0.02	0.9
N811346		685	141.0	0.002	6.59	24.7	6.7	2	2.7	32.3	0.46	1.25	8.7	0.157	2.26	3.6
N811347		14.6	131.5	<0.002	0.31	6.58	12.1	1	1.8	97.4	0.77	<0.05	14.3	0.272	2.35	5.6
N811348		50.8	109.5	<0.002	0.28	6.43	11.0	1	2.1	198.5	0.69	<0.05	12.3	0.258	1.93	5.1
N811349		11.3	115.5	<0.002	0.16	10.40	10.8	1	1.8	122.5	0.66	0.06	13.0	0.244	1.70	3.9
N811350		538	120.0	<0.002	3.65	116.0	8.4	2	3.3	84.4	0.52	0.80	11.1	0.206	1.74	7.8
N811351		135.0	102.5	<0.002	0.18	5.63	10.8	1	2.0	277	0.63	0.05	11.6	0.252	1.41	3.5
N811352		112.0	119.5	<0.002	0.19	5.52	11.4	1	2.1	283	0.66	<0.05	12.0	0.259	1.40	3.7
N811353		143.0	111.5	<0.002	0.10	3.17	11.0	1	2.2	304	0.67	<0.05	12.1	0.246	1.42	3.8
N811354		195.0	103.0	<0.002	0.10	2.85	9.7	1	2.1	278	0.64	<0.05	10.3	0.234	1.36	3.2
N811355		15.5	112.5	<0.002	0.12	2.38	10.4	1	1.6	309	0.65	<0.05	12.0	0.242	1.34	3.8
N811356		642	156.0	<0.002	1.32	7.88	9.7	1	3.0	66.3	0.61	0.15	12.4	0.220	2.30	5.1
N811357		28.3	122.0	<0.002	0.16	2.65	10.7	1	1.8	285	0.63	<0.05	12.2	0.251	1.56	4.3
N811358		819	147.0	<0.002	0.66	6.50	9.3	1	1.8	124.0	0.59	0.06	12.4	0.206	2.23	4.6
N811359		12.2	127.0	<0.002	0.10	2.59	10.6	1	1.6	288	0.61	<0.05	12.3	0.245	1.40	4.2
N811360		2740	161.0	<0.002	4.87	80.9	8.6	1	7.2	98.5	0.44	0.36	10.2	0.179	2.26	4.9
N811361		16.9	159.5	<0.002	0.32	8.48	10.2	1	1.4	100.5	0.57	0.14	10.7	0.225	1.89	4.7
N811362		26.9	162.0	0.003	0.21	11.55	11.6	1	1.4	81.1	0.65	0.19	14.4	0.242	1.94	4.8
N811363		13.6	107.0	<0.002	0.17	10.50	11.2	1	1.7	111.0	0.66	<0.05	11.4	0.275	1.74	3.6
N811364		14.3	109.0	<0.002	0.09	4.26	10.1	1	1.5	251	0.56	<0.05	10.1	0.249	1.28	3.8
N811365		33.7	91.5	<0.002	0.04	1.82	10.2	1	1.6	376	0.67	<0.05	11.7	0.253	1.05	4.0
N811366		2500	138.0	<0.002	4.45	77.0	7.7	1	6.7	86.4	0.41	0.44	9.6	0.164	2.13	4.7
N811367		26.7	104.0	<0.002	0.02	1.66	11.0	<1	1.6	362	0.70	<0.05	12.4	0.247	1.08	4.7
N811368		18.4	107.5	<0.002	0.04	11.20	10.6	<1	1.6	147.5	0.78	<0.05	11.4	0.243	1.14	4.1
N811369		15.7	98.6	<0.002	0.01	2.37	10.6	<1	1.5	364	0.64	<0.05	11.1	0.253	0.98	4.1
N811370		36.1	109.0	<0.002	0.05	22.8	11.8	1	1.7	89.8	0.64	<0.05	12.3	0.274	1.10	4.1
N811371		80.0	108.5	<0.002	0.09	15.00	11.6	1	1.5	133.5	0.62	<0.05	12.1	0.264	1.18	3.2
N811372		14.9	99.1	<0.002	0.03	6.87	11.0	<1	1.6	264	0.60	<0.05	10.4	0.261	1.18	3.3
N811373		107.5	156.0	<0.002	1.84	21.3	10.5	1	2.6	63.2	0.51	<0.05	10.8	0.225	2.30	6.3
N811374		1.7	1.9	<0.002	0.01	0.22	0.2	<1	<0.2	48.8	<0.05	<0.05	0.2	<0.005	0.03	0.7
N811375		14.0	125.5	<0.002	0.14	10.35	9.7	<1	1.6	85.6	0.69	<0.05	11.6	0.251	2.14	4.5
N811376		10.0	184.0	<0.002	0.16	11.15	8.5	1	1.3	89.1	0.61	<0.05	12.1	0.191	2.21	3.4
N811377		13.1	110.5	<0.002	0.14	3.96	9.2	<1	1.5	234	0.69	<0.05	10.2	0.235	1.56	3.8
N811378		15.2	97.5	<0.002	0.03	1.56	10.5	1	1.4	378	0.63	<0.05	10.7	0.262	1.02	4.0



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**CERTIFICATE OF ANALYSIS WH12186246**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811343		64	2.8	6.1	1700	22.9		
N811344		48	4.8	5.4	>10000	14.8	205	1.180
N811345		3	0.1	0.9	27	<0.5		
N811346		50	2.7	6.1	>10000	15.9		1.710
N811347		78	2.5	16.1	91	27.9		
N811348		75	1.8	16.0	75	30.4		
N811349		71	1.4	15.4	51	25.9		
N811350		57	3.1	10.5	6320	21.6		
N811351		73	1.1	14.5	386	24.8		
N811352		74	1.1	16.0	343	25.7		
N811353		70	1.3	15.0	314	29.0		
N811354		66	1.3	13.0	414	25.2		
N811355		67	1.0	13.9	46	26.6		
N811356		64	5.1	10.6	2230	23.5		
N811357		72	1.0	15.3	58	26.6		
N811358		61	1.9	11.5	385	24.1		
N811359		69	1.0	13.1	43	23.8		
N811360		55	5.1	9.4	5220	20.9		
N811361		70	1.5	11.6	53	20.9		
N811362		69	1.6	14.6	50	24.2		
N811363		73	2.3	12.4	42	23.5		
N811364		67	1.4	12.7	39	22.2		
N811365		68	0.7	14.4	76	23.8		
N811366		50	4.5	8.2	4810	19.0		
N811367		65	0.7	16.0	47	26.1		
N811368		63	1.5	15.0	49	25.1		
N811369		69	0.8	14.8	37	24.3		
N811370		71	5.3	14.4	49	23.0		
N811371		71	2.6	14.6	139	22.3		
N811372		71	1.2	14.2	31	22.2		
N811373		66	4.2	11.2	448	18.9		
N811374		2	0.1	0.9	14	<0.5		
N811375		65	1.5	11.9	51	23.2		
N811376		62	1.4	10.0	60	19.5		
N811377		67	0.9	11.3	57	21.9		
N811378		70	0.7	14.6	35	24.6		



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Project: Klaza-95

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Finalized Date: 31-AUG-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12186246**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12186247**

Project: Klaza-101

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 28-AUG-2012  
Account: ROCKHA

Project: Klaza-101

**CERTIFICATE OF ANALYSIS WH12186247**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811661		1.83	0.025	0.38	7.47	491	1540	1.27	0.35	3.17	4.18	43.7	7.6	9	14.30	8.2
N811662		1.37	<0.005	0.34	7.38	131.5	1850	1.30	0.22	3.26	0.26	48.4	8.0	8	19.85	12.0
N811663		2.94	<0.005	0.06	8.10	8.6	2120	1.41	0.21	2.80	0.10	44.1	8.4	10	20.0	11.5
N811664		0.29	4.30	>100	5.68	8300	1120	1.15	49.6	2.05	236	34.1	9.2	17	12.10	1265
N811665		2.75	<0.005	0.05	7.90	18.8	1900	1.40	0.23	2.80	0.13	45.6	8.1	9	15.50	10.1
N811666		2.13	<0.005	0.23	7.44	191.0	1380	1.52	0.21	3.42	0.53	48.7	7.7	7	21.7	6.7
N811667		1.68	<0.005	0.08	7.71	12.4	1890	1.51	0.22	2.67	0.09	47.6	7.9	8	17.90	5.4
N811668		1.66	0.006	0.26	7.85	179.0	1710	1.53	0.37	2.78	1.46	39.6	8.8	10	14.35	10.5
N811669		2.97	0.114	1.13	7.09	1600	1490	1.42	1.23	3.29	7.07	39.4	8.0	14	13.05	11.0
N811670		3.65	<0.005	0.01	0.08	<5	50	0.06	0.02	21.1	0.07	1.41	1.7	1	0.30	2.2
N811671		2.01	<0.005	0.11	7.49	12.5	960	1.49	0.15	3.56	0.31	37.6	6.2	13	8.41	3.0
N811672		3.19	<0.005	0.07	7.20	18.2	1660	1.47	0.06	3.44	0.33	34.6	6.2	14	9.09	0.8
N811673		2.91	<0.005	0.27	7.63	150.5	1840	1.72	0.16	3.66	0.56	44.5	8.2	19	20.5	2.1
N811674		2.55	<0.005	0.06	7.73	6.1	1870	1.43	0.27	2.93	0.08	40.7	7.7	8	15.85	9.8
N811675		2.27	<0.005	0.25	7.58	35.9	1510	1.54	0.38	3.87	0.10	43.3	8.1	7	28.1	6.6
N811676		3.39	<0.005	1.27	8.27	18.1	1230	1.82	1.25	3.66	0.14	46.9	10.7	8	18.20	16.2
N811677		2.36	0.368	2.29	6.11	3310	1500	1.30	0.81	3.98	12.70	40.9	10.0	6	14.55	37.1
N811678		3.70	<0.005	0.14	7.50	13.5	1870	1.52	0.36	3.29	0.15	38.9	7.8	9	15.10	11.8
N811679		1.83	<0.005	0.14	7.27	11.8	1820	1.40	0.35	3.21	0.12	36.8	7.9	9	14.00	11.9
N811680		4.24	<0.005	0.14	7.39	7.6	1820	1.52	0.52	2.97	0.10	38.9	8.3	9	16.20	20.3
N811681		0.30	2.34	24.2	6.07	3470	1630	1.34	16.70	2.28	72.7	41.5	10.7	17	14.75	432
N811682		2.71	<0.005	0.24	7.39	13.5	1910	1.44	0.59	2.82	0.15	40.0	8.5	9	12.35	22.1
N811683		3.20	0.009	0.46	7.60	153.5	1380	1.50	0.95	3.24	0.41	43.6	9.0	8	20.3	33.4
N811684		1.87	<0.005	0.27	7.71	8.5	1340	1.51	0.98	2.11	0.21	38.5	7.4	7	14.65	19.2
N811685		2.20	<0.005	0.33	7.72	72.0	500	1.63	0.36	3.05	0.39	46.8	8.4	7	17.00	9.1
N811686		2.34	<0.005	0.12	7.19	10.2	840	1.52	0.23	3.48	0.14	44.3	8.0	8	13.65	16.3
N811687		2.47	<0.005	0.69	7.45	32.2	840	1.67	0.68	3.36	0.23	47.9	9.3	11	20.7	20.4
N811688		2.04	<0.005	0.64	7.09	34.5	5560	1.25	0.92	3.72	0.37	47.4	7.2	9	18.35	66.4
N811689		1.83	0.027	0.99	7.84	99.5	5360	1.86	0.34	2.17	2.10	34.9	8.9	13	67.1	25.1
N811690		3.61	<0.005	0.02	0.12	<5	70	0.08	0.02	21.3	0.07	1.26	0.6	2	0.34	1.5
N811691		3.22	0.026	2.25	7.11	202	640	1.10	0.10	3.18	4.29	35.2	7.4	13	19.45	36.1
N811692		2.34	<0.005	0.32	7.66	7.0	1110	1.13	0.10	3.83	0.21	37.0	8.3	15	10.60	21.6
N811693		1.42	<0.005	1.82	7.06	7.0	1120	1.06	0.09	4.02	0.12	33.9	9.2	14	11.00	27.7
N811694		2.29	<0.005	0.25	7.55	9.9	1070	1.19	0.09	3.80	0.11	36.3	9.0	14	9.70	27.5
N811695		2.18	<0.005	0.19	7.57	7.9	1050	1.29	0.13	3.62	0.12	35.3	9.2	14	16.60	42.0
N811696		<0.02	<0.005	0.18	7.27	8.7	1020	1.22	0.12	3.53	0.12	34.2	9.2	14	15.80	40.2





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Project: Klaza-101

**CERTIFICATE OF ANALYSIS WH12186247**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811661		3.15	16.35	0.09	1.5	0.067	2.97	22.7	19.2	0.92	2680	43.8	1.19	8.3	2.9	640
N811662		3.06	15.85	0.11	1.4	0.036	2.61	27.1	57.9	1.02	839	1.80	0.80	8.0	2.9	600
N811663		3.39	17.50	0.11	1.5	0.039	2.64	23.0	34.3	0.88	591	1.23	1.67	9.1	3.2	680
N811664		8.45	14.10	0.20	1.1	4.73	2.28	19.0	34.2	0.66	3170	15.10	0.09	6.2	14.9	470
N811665		3.27	17.55	0.10	1.5	0.040	2.50	23.6	21.5	0.83	578	2.90	2.03	9.0	3.1	660
N811666		3.15	16.65	0.11	1.5	0.040	2.85	26.5	63.4	0.98	1720	1.44	0.30	8.3	2.8	610
N811667		3.22	17.90	0.13	1.4	0.044	3.30	25.1	20.8	0.76	2300	1.09	1.38	8.7	3.1	690
N811668		3.29	18.50	0.13	1.4	0.064	2.82	20.2	36.8	0.83	1410	1.32	1.34	9.3	3.6	670
N811669		3.25	17.05	0.13	1.5	0.068	3.35	20.9	10.3	1.00	5050	2.29	0.04	8.8	4.4	660
N811670		0.48	0.29	<0.05	<0.1	<0.005	0.03	0.7	1.2	13.05	214	0.21	0.01	0.5	4.6	210
N811671		2.41	18.80	0.11	2.0	0.026	3.69	20.2	11.6	1.05	1510	1.72	0.04	10.6	4.2	620
N811672		2.41	18.15	0.11	1.9	0.025	3.50	18.1	12.6	1.04	1400	1.11	0.04	10.6	4.5	620
N811673		2.67	18.10	0.12	1.9	0.036	3.46	24.6	17.4	1.17	1820	1.56	0.07	10.2	5.2	740
N811674		3.09	17.65	0.11	1.4	0.041	2.54	20.8	13.9	0.79	586	1.97	2.05	8.7	3.0	660
N811675		2.94	17.75	0.12	1.3	0.043	2.52	22.6	76.5	1.06	964	1.43	0.56	8.7	3.2	710
N811676		3.70	18.70	0.14	1.2	0.086	3.03	24.2	60.8	1.17	1300	1.24	1.02	9.4	3.7	750
N811677		4.15	14.35	0.12	0.9	0.325	2.43	23.1	33.9	1.28	5910	3.66	0.07	6.7	3.2	480
N811678		3.23	17.35	0.12	1.2	0.045	2.57	19.6	17.5	0.83	850	1.20	1.76	8.7	3.4	650
N811679		3.17	16.95	0.11	1.2	0.042	2.55	18.4	15.6	0.79	782	0.98	1.79	8.5	3.1	630
N811680		3.21	17.05	0.12	1.3	0.041	2.48	19.6	14.3	0.83	647	1.02	1.88	8.5	3.1	630
N811681		6.92	15.00	0.17	0.9	1.755	2.60	23.9	26.2	0.94	1900	13.30	0.05	6.4	16.3	450
N811682		3.29	17.40	0.11	1.3	0.092	2.59	20.5	17.1	0.79	704	1.92	1.69	8.3	3.2	660
N811683		3.30	17.35	0.12	1.2	0.112	3.19	23.1	35.5	1.05	2190	3.19	0.18	8.3	3.2	630
N811684		3.18	17.05	0.12	1.2	0.044	2.78	19.9	55.2	0.79	901	4.91	0.74	8.5	2.9	660
N811685		3.19	17.30	0.11	1.2	0.048	2.66	25.8	94.0	1.09	1960	2.07	0.06	8.5	3.1	620
N811686		3.27	16.90	0.12	1.3	0.045	2.89	22.8	33.0	1.16	997	1.56	0.61	8.4	3.3	640
N811687		3.08	15.15	0.08	1.4	0.045	2.40	22.3	62.5	1.08	974	1.91	0.34	7.5	3.0	630
N811688		2.76	13.25	0.08	1.3	0.040	2.32	26.0	48.6	1.11	1440	3.71	0.10	6.6	2.4	570
N811689		3.77	14.70	0.09	0.6	0.068	2.01	17.0	35.2	1.08	969	1.89	0.44	7.0	4.5	570
N811690		0.46	0.25	0.07	<0.1	0.005	0.03	0.6	1.2	13.10	201	0.26	0.01	0.2	1.7	210
N811691		2.85	14.05	0.09	0.6	0.039	1.74	16.6	35.7	1.01	1770	4.20	0.47	6.9	4.5	540
N811692		3.37	15.05	0.09	0.5	0.040	2.05	17.0	20.2	1.16	1190	5.79	1.54	7.4	5.0	570
N811693		3.16	14.25	0.06	0.5	0.024	2.00	16.1	17.8	1.07	1100	3.70	1.38	7.0	5.5	540
N811694		3.29	15.25	0.08	0.5	0.024	2.00	16.9	18.8	1.04	1050	2.26	1.66	7.1	4.9	560
N811695		3.12	16.25	0.10	0.7	0.052	2.31	16.1	21.0	0.96	1040	5.06	1.75	8.0	5.2	580
N811696		3.06	15.80	0.08	0.7	0.041	2.26	15.1	21.2	0.93	1030	3.90	1.68	7.7	5.3	550



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Plus Appendix Pages  
Finalized Date: 28-AUG-2012  
Account: ROCKHA

Project: Klaza-101

**CERTIFICATE OF ANALYSIS WH12186247**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811661		114.5	148.5	0.003	0.59	7.45	11.6	1	1.8	261	0.70	<0.05	12.2	0.285	2.07	3.4
N811662		16.7	119.5	<0.002	0.41	14.90	11.5	1	1.6	274	0.70	<0.05	15.7	0.265	1.87	6.9
N811663		14.9	110.5	<0.002	0.05	3.94	12.9	1	1.8	330	0.78	<0.05	15.9	0.310	1.28	3.5
N811664		9820	144.5	0.003	7.44	226	8.4	2	9.1	121.0	0.48	0.49	10.2	0.186	2.30	5.7
N811665		16.2	108.5	<0.002	0.03	4.31	12.3	1	1.9	397	0.83	<0.05	15.4	0.294	1.17	3.6
N811666		39.5	146.5	<0.002	0.25	14.30	11.8	1	1.8	203	0.73	<0.05	14.8	0.273	2.48	8.4
N811667		24.2	148.5	<0.002	0.11	6.72	12.4	1	1.9	321	0.69	<0.05	13.3	0.300	2.58	4.3
N811668		43.1	130.5	<0.002	0.47	8.72	12.9	1	2.1	354	0.73	<0.05	12.3	0.304	2.25	5.1
N811669		231	207	<0.002	1.47	22.5	10.7	1	1.8	99.6	0.72	<0.05	10.8	0.251	3.72	7.8
N811670		1.9	1.9	<0.002	0.01	0.05	0.4	1	<0.2	44.3	<0.05	<0.05	0.2	<0.005	0.02	0.8
N811671		28.9	219	<0.002	0.12	10.75	7.5	1	1.2	149.5	0.85	<0.05	10.5	0.219	3.63	5.7
N811672		29.1	184.5	<0.002	0.14	10.75	7.2	1	1.1	213	0.84	<0.05	9.6	0.214	3.50	4.8
N811673		26.4	223	<0.002	0.40	14.45	10.6	1	1.4	243	0.79	<0.05	12.2	0.254	3.57	5.9
N811674		16.1	101.5	<0.002	0.02	3.16	12.2	1	1.9	486	0.70	<0.05	12.2	0.291	1.33	2.5
N811675		16.2	99.3	<0.002	0.12	8.59	12.9	1	2.0	425	0.67	<0.05	11.3	0.297	1.80	5.4
N811676		20.8	153.5	<0.002	0.13	7.84	13.6	1	5.2	364	0.71	<0.05	12.6	0.325	2.92	4.0
N811677		751	158.5	<0.002	1.79	35.8	10.4	1	4.9	247	0.54	<0.05	11.5	0.213	2.58	6.9
N811678		31.0	96.6	<0.002	0.08	3.00	11.8	1	3.6	457	0.70	<0.05	11.5	0.288	1.40	3.5
N811679		22.0	88.8	<0.002	0.07	2.75	11.4	1	3.8	462	0.71	<0.05	10.7	0.284	1.37	3.2
N811680		21.3	94.0	0.002	0.07	2.40	12.2	1	4.8	473	0.69	<0.05	11.5	0.288	1.27	3.2
N811681		2850	167.0	0.002	4.95	84.7	9.0	2	8.4	86.3	0.50	0.44	11.6	0.182	2.44	5.5
N811682		24.5	95.7	<0.002	0.06	4.26	12.0	1	2.8	416	0.67	<0.05	10.9	0.292	1.34	3.9
N811683		40.9	148.5	<0.002	0.39	12.30	12.6	1	4.5	271	0.70	0.05	12.9	0.282	2.52	5.4
N811684		39.0	107.5	0.002	0.04	6.71	12.7	1	2.9	310	0.68	0.06	11.9	0.295	1.67	2.7
N811685		41.1	142.0	<0.002	0.34	10.25	13.0	1	2.0	276	0.69	<0.05	13.1	0.286	2.18	3.2
N811686		17.2	118.5	<0.002	0.05	7.49	12.2	1	1.9	267	0.67	<0.05	11.1	0.287	2.24	3.1
N811687		32.1	88.8	0.002	0.16	9.48	11.0	1	1.8	341	0.61	<0.05	11.5	0.268	1.61	5.6
N811688		42.2	120.5	<0.002	0.27	29.5	10.6	<1	1.7	459	0.51	0.05	11.8	0.255	1.84	4.7
N811689		301	77.9	0.002	0.41	10.25	11.2	<1	1.4	532	0.59	<0.05	10.4	0.296	1.21	2.3
N811690		1.7	1.4	<0.002	0.01	0.22	0.2	<1	<0.2	50.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N811691		347	53.1	0.002	0.39	26.3	10.2	<1	1.5	321	0.55	<0.05	8.3	0.278	1.09	2.5
N811692		22.1	63.8	0.003	0.14	2.15	11.1	<1	1.8	565	0.57	<0.05	8.1	0.302	0.97	2.3
N811693		14.8	59.6	<0.002	0.19	2.18	10.0	1	1.5	483	0.54	<0.05	7.5	0.286	0.84	2.4
N811694		45.9	65.6	<0.002	0.21	2.56	11.0	<1	1.7	564	0.53	<0.05	7.7	0.296	0.91	2.1
N811695		12.6	86.2	<0.002	0.10	7.55	11.1	1	1.9	486	0.63	<0.05	8.1	0.306	1.13	2.4
N811696		12.8	78.6	0.003	0.10	7.62	10.5	<1	1.8	476	0.65	<0.05	8.0	0.302	1.18	2.3



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 Finalized Date: 28-AUG-2012  
 Account: ROCKHA

Project: Klaza-101

**CERTIFICATE OF ANALYSIS WH12186247**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811661		77	9.7	14.0	454	41.2	<1	
N811662		75	7.5	16.6	55	40.6	<1	
N811663		86	3.1	15.9	44	46.6	<1	
N811664		55	4.9	9.8	>10000	34.8	123	1.590
N811665		83	3.2	16.1	45	42.7	<1	
N811666		78	3.3	16.0	98	43.7	<1	
N811667		84	4.0	14.9	64	44.7	<1	
N811668		85	7.1	15.7	220	41.2	<1	
N811669		71	3.2	13.2	605	47.0	<1	
N811670		2	0.1	0.9	17	<0.5	<1	
N811671		57	1.9	12.3	110	64.4	<1	
N811672		56	2.0	11.6	115	63.3	<1	
N811673		73	3.0	14.5	135	61.6	<1	
N811674		83	2.8	14.5	45	40.5	<1	
N811675		87	6.5	17.7	62	39.1	<1	
N811676		89	10.5	15.8	94	35.0	<1	
N811677		64	4.4	14.9	1020	26.7	<1	
N811678		82	2.0	15.0	61	33.7	<1	
N811679		81	2.1	14.2	59	33.2	<1	
N811680		83	3.3	14.8	56	36.4	<1	
N811681		57	5.4	9.9	5490	27.3	24	
N811682		82	4.7	15.2	62	36.2	<1	
N811683		81	3.6	16.3	93	33.7	<1	
N811684		83	2.5	13.9	100	33.5	<1	
N811685		80	3.0	15.7	91	35.1	<1	
N811686		82	2.6	15.2	84	36.6	<1	
N811687		75	4.4	14.6	79	35.9	<1	
N811688		68	2.7	15.1	110	30.5	<1	
N811689		92	11.3	11.6	231	12.5	<1	
N811690		2	0.1	0.8	11	<0.5	<1	
N811691		84	8.8	11.6	359	11.5	<1	
N811692		94	5.1	12.2	71	10.1	<1	
N811693		91	15.0	12.4	47	9.9	<1	
N811694		93	4.4	13.6	50	8.9	<1	
N811695		93	2.9	12.9	55	12.5	<1	
N811696		92	2.7	12.3	56	12.0	<1	



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**CERTIFICATE OF ANALYSIS WH12186247**

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.



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**CERTIFICATE WH12186248**

Project: Klaza  
P.O. No.: Batch 1  
This report is for 210 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51501		0.19	0.019	1.1	1.43	67	<10	190	<0.5	5	0.28	0.6	9	17	28	2.50
ZZ51502		0.30	0.135	0.7	1.27	80	<10	140	<0.5	9	0.29	0.6	7	19	36	2.96
ZZ51503		0.21	0.016	0.5	1.64	73	<10	270	<0.5	4	0.43	0.5	7	25	36	2.76
ZZ51504		0.31	0.028	1.5	1.49	95	<10	300	0.5	7	0.37	1.0	6	21	55	2.87
ZZ51505		0.26	0.017	1.3	1.29	65	<10	300	<0.5	3	0.32	0.5	5	16	42	2.41
ZZ51506		0.27	0.017	0.3	1.05	54	<10	150	<0.5	3	0.25	<0.5	6	19	15	2.19
ZZ51507		0.30	0.080	3.3	2.03	403	<10	420	0.8	10	0.63	4.0	11	22	77	4.38
ZZ51508		0.24	0.031	1.0	0.96	192	<10	180	<0.5	3	0.29	2.1	6	15	20	2.46
ZZ51509		0.19	0.038	2.8	1.72	75	<10	260	<0.5	3	0.54	1.7	6	20	23	2.37
ZZ51510		0.16	0.007	<0.2	1.13	12	<10	250	<0.5	<2	0.45	0.6	5	20	19	1.57
ZZ51511		0.25	0.007	0.4	1.23	22	<10	200	<0.5	<2	0.40	0.5	5	21	23	1.90
ZZ51512		0.24	0.005	0.3	1.32	10	<10	200	<0.5	2	0.45	0.5	4	22	28	1.71
ZZ51513		0.23	0.020	1.3	1.75	28	<10	280	0.6	2	0.55	1.5	6	23	61	2.36
ZZ51514		0.19	0.030	0.4	2.29	32	<10	420	0.6	<2	0.40	<0.5	9	31	35	2.92
ZZ51515		0.26	0.016	1.4	1.91	20	<10	490	0.6	<2	0.63	0.9	9	28	56	2.54
ZZ51516		0.32	0.010	0.4	1.69	22	<10	300	<0.5	<2	0.36	<0.5	7	26	17	2.21
ZZ51517		0.25	0.024	0.6	1.34	41	<10	300	0.5	<2	0.44	0.6	7	19	31	2.04
ZZ51518		0.21	0.012	1.3	1.39	22	<10	380	0.5	2	0.62	<0.5	6	19	31	2.13
ZZ51519		0.18	<0.005	0.5	1.03	13	<10	100	<0.5	<2	0.15	0.8	6	16	10	1.92
ZZ51520		0.25	<0.005	0.2	1.36	15	<10	250	<0.5	<2	0.27	<0.5	7	26	18	1.85
ZZ51521		0.25	0.006	1.2	2.00	43	<10	190	<0.5	<2	0.15	0.7	9	25	16	2.44
ZZ51522		0.19	<0.005	0.8	1.76	24	<10	160	<0.5	2	0.21	0.5	6	23	11	2.80
ZZ51523		0.25	<0.005	0.4	2.32	29	<10	210	<0.5	2	0.25	<0.5	8	38	15	2.88
ZZ51524		0.28	0.005	0.8	2.12	54	<10	180	<0.5	2	0.17	0.6	10	25	18	2.73
ZZ51525		0.20	<0.005	0.4	1.93	15	<10	140	<0.5	<2	0.19	<0.5	8	28	16	2.65
ZZ51526		0.27	0.005	0.3	2.10	17	<10	170	0.5	<2	0.22	<0.5	7	27	18	2.44
ZZ51527		0.27	<0.005	0.7	1.73	14	<10	210	<0.5	<2	0.32	<0.5	6	29	9	2.40
ZZ51528		0.28	<0.005	0.2	2.71	12	<10	200	0.5	2	0.30	<0.5	9	43	19	3.34
ZZ51529		0.19	<0.005	0.2	1.45	10	<10	140	<0.5	2	0.19	0.5	7	25	12	2.45
ZZ51530		0.20	<0.005	0.2	1.45	15	<10	140	<0.5	2	0.23	<0.5	7	23	10	2.24
ZZ51531		0.19	<0.005	1.1	1.62	14	<10	220	<0.5	<2	0.27	0.8	7	28	11	2.62
ZZ51532		0.21	<0.005	0.9	1.42	11	<10	170	<0.5	<2	0.21	0.5	7	23	15	2.12
ZZ51533		0.21	0.005	0.3	1.07	18	<10	190	<0.5	<2	0.31	<0.5	4	17	11	1.62
ZZ51534		0.26	0.008	1.0	1.45	32	<10	220	<0.5	<2	0.59	<0.5	5	23	29	2.09
ZZ51535		0.21	0.014	1.1	1.05	33	<10	180	<0.5	<2	0.41	0.8	4	19	24	1.83
ZZ51536		0.29	0.015	0.4	1.38	30	<10	290	<0.5	2	0.43	<0.5	5	24	26	2.10
ZZ51537		0.32	0.030	0.8	1.23	21	<10	250	0.5	<2	0.41	0.6	5	19	42	2.01
ZZ51538		0.33	0.018	0.5	0.94	23	<10	210	<0.5	<2	0.34	0.5	4	19	22	1.79
ZZ51539		0.13	0.024	1.2	2.55	26	<10	400	0.7	<2	0.62	<0.5	7	33	43	3.06
ZZ51540		0.25	0.010	0.4	1.25	13	<10	210	<0.5	<2	0.44	0.5	5	23	21	1.77



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Finalized Date: 27-AUG-2012  
Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ51501		10	<1	0.07	10	0.32	376	2	0.03	8	600	47	0.05	2	2	30
ZZ51502		<10	<1	0.08	10	0.43	380	2	0.02	9	350	42	0.05	<2	3	34
ZZ51503		10	<1	0.08	10	0.49	290	1	0.02	13	390	25	0.03	2	3	39
ZZ51504		<10	<1	0.08	20	0.42	351	4	0.02	10	400	103	0.04	2	3	41
ZZ51505		<10	<1	0.08	10	0.24	225	5	0.03	8	530	29	0.04	2	2	36
ZZ51506		<10	<1	0.06	10	0.35	363	6	0.02	7	310	18	0.02	<2	2	23
ZZ51507		10	<1	0.14	20	0.41	779	5	0.02	13	930	109	0.10	9	5	80
ZZ51508		<10	<1	0.06	10	0.30	525	2	0.02	7	520	42	0.03	3	3	26
ZZ51509		<10	<1	0.10	10	0.32	648	1	0.03	9	790	63	0.06	3	4	51
ZZ51510		<10	<1	0.11	10	0.31	248	<1	0.03	8	570	28	0.04	2	4	32
ZZ51511		<10	<1	0.08	10	0.38	362	1	0.02	9	340	49	0.03	<2	3	32
ZZ51512		<10	<1	0.08	10	0.39	238	<1	0.03	10	570	16	0.05	<2	3	37
ZZ51513		<10	<1	0.11	10	0.36	452	1	0.03	10	480	39	0.04	<2	4	47
ZZ51514		10	<1	0.12	10	0.51	604	1	0.02	14	350	25	0.03	<2	4	37
ZZ51515		10	<1	0.10	20	0.41	705	1	0.03	11	430	44	0.04	2	4	55
ZZ51516		10	<1	0.08	10	0.47	437	<1	0.02	10	270	25	0.02	<2	3	28
ZZ51517		<10	<1	0.10	10	0.36	381	<1	0.03	10	440	43	0.03	2	3	33
ZZ51518		<10	<1	0.09	10	0.32	529	1	0.04	10	700	42	0.05	3	3	44
ZZ51519		10	<1	0.09	<10	0.25	505	1	0.03	6	280	28	0.02	<2	2	18
ZZ51520		<10	<1	0.07	20	0.33	536	<1	0.02	10	390	16	0.03	<2	2	29
ZZ51521		10	<1	0.09	10	0.40	569	<1	0.02	16	330	47	0.02	2	3	16
ZZ51522		10	<1	0.07	10	0.31	423	1	0.02	8	360	25	0.02	<2	3	22
ZZ51523		10	<1	0.09	10	0.58	403	<1	0.02	16	430	15	0.02	2	4	23
ZZ51524		<10	<1	0.10	10	0.41	489	1	0.02	15	330	41	0.02	3	3	18
ZZ51525		10	<1	0.07	10	0.40	608	<1	0.02	12	520	11	0.03	<2	3	21
ZZ51526		10	<1	0.08	10	0.50	283	1	0.02	15	360	13	0.02	<2	4	22
ZZ51527		10	<1	0.06	10	0.46	446	<1	0.03	9	240	12	0.02	<2	3	29
ZZ51528		10	<1	0.13	10	0.76	339	1	0.02	22	430	9	0.03	<2	4	33
ZZ51529		10	<1	0.13	10	0.39	327	1	0.02	11	470	15	0.02	<2	2	19
ZZ51530		<10	<1	0.10	10	0.41	358	1	0.02	11	350	20	0.02	<2	3	21
ZZ51531		10	<1	0.10	10	0.43	980	<1	0.02	11	350	35	0.02	<2	3	29
ZZ51532		10	<1	0.08	10	0.37	670	1	0.03	10	250	20	0.02	<2	3	23
ZZ51533		<10	<1	0.07	10	0.34	389	1	0.02	7	370	19	0.02	<2	2	24
ZZ51534		<10	<1	0.08	10	0.41	318	<1	0.02	10	470	30	0.04	<2	3	47
ZZ51535		<10	<1	0.08	10	0.35	355	<1	0.03	8	330	55	0.03	2	3	33
ZZ51536		<10	<1	0.09	10	0.44	324	<1	0.03	12	360	31	0.03	<2	4	34
ZZ51537		<10	<1	0.08	10	0.32	392	<1	0.02	15	460	47	0.02	<2	3	32
ZZ51538		<10	<1	0.07	10	0.33	264	<1	0.02	10	340	27	<0.01	<2	3	25
ZZ51539		10	1	0.12	10	0.49	369	<1	0.02	17	830	45	0.04	<2	6	51
ZZ51540		<10	<1	0.07	10	0.43	286	<1	0.02	13	500	24	0.01	<2	4	30



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51501		<20	0.05	<10	<10	52	<10	74
ZZ51502		<20	0.06	<10	<10	47	<10	84
ZZ51503		<20	0.06	<10	<10	51	<10	59
ZZ51504		<20	0.04	<10	<10	47	<10	95
ZZ51505		<20	0.04	<10	<10	51	<10	62
ZZ51506		<20	0.05	<10	<10	41	<10	59
ZZ51507		<20	0.02	<10	<10	48	<10	349
ZZ51508		<20	0.04	<10	<10	35	<10	204
ZZ51509		<20	0.04	<10	<10	44	<10	155
ZZ51510		<20	0.06	<10	<10	47	<10	82
ZZ51511		<20	0.05	<10	<10	37	<10	107
ZZ51512		<20	0.05	<10	<10	35	<10	80
ZZ51513		<20	0.04	<10	<10	42	<10	247
ZZ51514		<20	0.03	<10	<10	56	<10	116
ZZ51515		<20	0.06	<10	<10	57	<10	116
ZZ51516		<20	0.06	<10	<10	49	<10	83
ZZ51517		<20	0.03	<10	<10	37	<10	141
ZZ51518		<20	0.04	<10	<10	42	<10	93
ZZ51519		<20	0.07	<10	<10	51	<10	88
ZZ51520		<20	0.05	<10	<10	44	<10	52
ZZ51521		<20	0.06	<10	<10	48	<10	107
ZZ51522		<20	0.05	<10	<10	57	<10	77
ZZ51523		<20	0.10	<10	<10	69	<10	65
ZZ51524		<20	0.04	<10	<10	47	<10	95
ZZ51525		<20	0.08	<10	<10	61	<10	63
ZZ51526		<20	0.07	<10	<10	52	<10	55
ZZ51527		<20	0.09	<10	<10	62	<10	91
ZZ51528		<20	0.11	<10	<10	79	<10	75
ZZ51529		<20	0.08	<10	<10	58	<10	76
ZZ51530		<20	0.07	<10	<10	50	<10	80
ZZ51531		<20	0.08	<10	<10	62	<10	165
ZZ51532		<20	0.07	<10	<10	50	<10	99
ZZ51533		<20	0.05	<10	<10	34	<10	59
ZZ51534		<20	0.04	<10	<10	41	<10	90
ZZ51535		<20	0.05	<10	<10	35	<10	114
ZZ51536		<20	0.06	<10	<10	42	<10	92
ZZ51537		<20	0.05	<10	<10	40	<10	102
ZZ51538		<20	0.05	<10	<10	35	<10	96
ZZ51539		<20	0.04	<10	<10	54	<10	168
ZZ51540		<20	0.07	<10	<10	41	<10	83





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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51541		<20	0.06	<10	<10	37	<10	71
ZZ51542		<20	0.06	<10	<10	45	<10	99
ZZ51543		<20	0.06	<10	<10	50	<10	112
ZZ51544		<20	0.03	<10	<10	47	<10	128
ZZ51545		<20	0.05	<10	<10	42	<10	80
ZZ51546		<20	0.05	<10	<10	41	<10	77
ZZ51547		<20	0.01	<10	<10	40	<10	94
ZZ51548		<20	0.02	<10	<10	47	<10	213
ZZ51549		<20	0.05	<10	<10	50	<10	119
ZZ51550		<20	0.06	<10	<10	44	<10	84
ZZ51911		<20	0.06	<10	<10	45	<10	112
ZZ51912		<20	0.05	<10	<10	34	<10	142
ZZ51913		<20	0.07	<10	<10	42	<10	80
ZZ51914		<20	0.04	<10	<10	34	<10	57
ZZ51915		<20	0.06	<10	<10	61	<10	103
ZZ51916		<20	0.04	<10	<10	29	<10	48
ZZ51917		<20	0.06	<10	<10	51	<10	94
ZZ51918		<20	0.11	<10	<10	53	<10	90
ZZ51919		<20	0.05	<10	<10	38	<10	42
ZZ51920		<20	0.03	<10	<10	41	<10	72
ZZ51921								
ZZ51922								
ZZ51923								
ZZ51924								
ZZ51925								
ZZ51926								
ZZ51927								
ZZ51928								
ZZ51929								
ZZ51930								
ZZ51931								
ZZ51932								
ZZ51933								
ZZ51934								
ZZ51935								
ZZ51936								
ZZ51937								
ZZ51938								
ZZ51939								
ZZ51940								



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51941		0.33	0.016	1.2	1.99	47	<10	260	<0.5	<2	0.57	0.6	5	22	21	2.45
ZZ51942		0.35	0.011	1.6	1.09	31	<10	130	<0.5	<2	0.33	0.5	8	16	13	1.68
ZZ51943		0.19	0.022	2.6	0.96	27	<10	140	<0.5	<2	0.27	1.5	3	12	13	1.33
ZZ51944		0.33	0.028	2.0	1.23	108	<10	150	<0.5	3	0.24	1.0	6	14	22	2.22
ZZ51945		0.48	0.050	2.7	1.46	68	<10	240	<0.5	<2	0.31	1.0	5	20	23	2.23
ZZ51946		0.24	<0.005	0.4	0.63	22	<10	70	<0.5	<2	0.16	<0.5	2	10	8	1.30
ZZ51947		0.29	0.008	0.5	1.65	37	<10	130	<0.5	<2	0.21	<0.5	6	25	14	2.43
ZZ51948		0.49	0.032	1.4	0.98	144	<10	140	<0.5	<2	0.29	0.5	5	11	13	2.10
ZZ51949		0.22	0.020	1.7	0.91	31	<10	150	<0.5	3	0.36	<0.5	3	12	14	1.42
ZZ51950		0.29	0.019	1.2	1.34	28	<10	210	<0.5	<2	0.29	<0.5	5	18	17	2.19
ZZ51951		0.40	0.012	0.8	0.92	16	<10	130	<0.5	<2	0.24	<0.5	4	14	13	1.52
ZZ51952		0.32	0.042	3.8	0.83	104	<10	120	<0.5	<2	0.21	1.8	3	9	13	1.74
ZZ51953		0.22	0.044	3.2	1.52	54	<10	250	0.5	<2	0.61	2.3	4	14	25	1.89
ZZ51954		0.46	0.015	1.5	1.61	50	<10	170	<0.5	<2	0.35	<0.5	5	21	21	2.13
ZZ51955		0.26	0.005	1.6	0.67	14	<10	90	<0.5	<2	0.26	0.5	3	9	8	1.12
ZZ51956		0.42	0.010	1.2	1.28	18	<10	160	<0.5	<2	0.25	<0.5	3	12	11	1.30
ZZ51957		0.33	0.009	1.4	1.42	21	<10	200	<0.5	<2	0.31	0.7	4	16	12	1.65
ZZ51958		0.28	0.011	1.5	1.68	54	<10	270	<0.5	<2	0.59	0.5	7	24	25	2.20
ZZ51959		0.41	0.005	1.3	0.60	13	<10	70	<0.5	<2	0.24	<0.5	2	7	9	0.94
ZZ51960		0.30	0.007	1.0	0.58	13	<10	110	<0.5	<2	0.32	<0.5	2	6	9	0.85
ZZ51961		0.29	<0.005	1.1	0.97	25	<10	140	<0.5	<2	0.42	<0.5	4	11	13	1.42
ZZ51962		0.35	0.005	0.7	1.02	52	<10	180	<0.5	<2	0.29	<0.5	8	19	21	2.24
ZZ51963		0.24	<0.005	0.2	0.52	5	<10	50	<0.5	<2	0.08	<0.5	3	9	5	1.20
ZZ51964		0.33	<0.005	0.3	0.40	2	<10	40	<0.5	<2	0.06	<0.5	2	4	5	0.67
ZZ51965		0.38	<0.005	0.9	1.44	18	<10	150	<0.5	<2	0.19	<0.5	6	25	14	2.45
ZZ51966		0.22	<0.005	0.6	0.67	10	<10	70	<0.5	<2	0.15	0.6	5	11	8	1.52
ZZ51967		0.38	0.005	1.7	1.67	20	<10	90	<0.5	<2	0.16	<0.5	5	24	13	2.53
ZZ51968		0.46	<0.005	2.0	1.76	23	<10	140	<0.5	<2	0.19	<0.5	7	27	12	2.57
ZZ51969		0.41	0.006	1.1	1.55	28	<10	110	<0.5	<2	0.21	<0.5	6	22	12	2.54
ZZ51970		0.41	0.012	2.4	2.36	76	<10	300	0.8	<2	0.43	0.5	8	29	45	3.12
ZZ51971		0.43	0.035	13.9	1.59	150	<10	220	0.5	<2	0.59	1.6	6	23	36	2.24
ZZ51972		0.34	0.017	0.2	0.69	18	<10	90	<0.5	<2	0.20	<0.5	3	14	8	1.61
ZZ51973		0.42	0.018	1.4	1.49	70	<10	170	<0.5	<2	0.34	<0.5	6	22	27	2.46
ZZ51974		0.49	0.078	2.5	1.48	80	<10	200	0.5	4	0.30	1.3	6	23	29	2.55
ZZ51975		0.35	0.026	1.1	1.12	47	<10	150	<0.5	<2	0.29	0.7	5	15	18	2.04
ZZ51976		0.45	0.013	2.3	0.58	39	<10	70	<0.5	<2	0.20	0.5	3	8	7	1.10
ZZ51977		0.42	0.005	1.5	1.02	20	<10	130	<0.5	<2	0.35	0.6	5	11	12	1.37
ZZ51978		0.23	<0.005	0.9	0.61	8	<10	110	<0.5	<2	0.34	0.6	3	8	9	0.89
ZZ51979		0.29	<0.005	0.5	0.73	13	<10	110	<0.5	<2	0.30	<0.5	3	10	9	1.18
ZZ51980		0.33	0.013	1.1	1.32	51	<10	160	<0.5	<2	0.27	<0.5	4	17	13	1.87



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ51941		10	<1	0.10	10	0.37	417	<1	0.03	11	840	20	0.05	<2	4	42
ZZ51942		<10	<1	0.06	10	0.29	628	<1	0.03	7	640	29	0.02	<2	2	24
ZZ51943		<10	<1	0.06	10	0.21	184	<1	0.03	6	750	40	0.05	<2	1	22
ZZ51944		<10	<1	0.07	10	0.23	587	<1	0.03	8	690	52	0.04	2	1	25
ZZ51945		<10	<1	0.07	10	0.33	253	<1	0.02	10	510	107	0.03	2	3	29
ZZ51946		<10	<1	0.03	<10	0.13	91	<1	0.02	4	280	6	0.02	<2	1	15
ZZ51947		10	<1	0.06	10	0.46	241	<1	0.02	14	300	9	0.01	<2	3	17
ZZ51948		<10	1	0.06	10	0.21	224	<1	0.03	7	500	16	0.01	2	3	20
ZZ51949		<10	1	0.06	10	0.19	101	<1	0.04	7	740	11	0.06	<2	1	27
ZZ51950		<10	<1	0.07	10	0.28	227	<1	0.03	10	490	8	0.02	<2	3	22
ZZ51951		<10	1	0.04	10	0.25	158	<1	0.03	8	470	30	0.02	<2	1	20
ZZ51952		<10	<1	0.06	10	0.16	268	<1	0.03	4	420	190	0.02	5	2	20
ZZ51953		<10	<1	0.07	10	0.26	351	<1	0.03	10	950	38	0.07	<2	2	52
ZZ51954		10	<1	0.08	10	0.36	355	<1	0.02	10	690	33	0.03	<2	2	27
ZZ51955		<10	<1	0.04	<10	0.15	110	<1	0.03	5	570	6	0.03	<2	1	21
ZZ51956		<10	<1	0.06	<10	0.17	139	<1	0.03	6	570	10	0.04	<2	2	24
ZZ51957		<10	<1	0.06	10	0.28	289	<1	0.02	7	720	19	0.05	<2	2	28
ZZ51958		<10	<1	0.08	10	0.39	678	<1	0.03	14	720	30	0.07	<2	3	50
ZZ51959		<10	<1	0.04	<10	0.10	109	<1	0.03	4	400	9	0.02	<2	1	17
ZZ51960		<10	<1	0.04	<10	0.09	131	<1	0.04	4	400	4	0.03	<2	1	24
ZZ51961		<10	<1	0.07	10	0.19	297	<1	0.03	6	520	17	0.02	<2	2	29
ZZ51962		<10	1	0.07	10	0.26	923	<1	0.02	9	440	43	0.01	<2	2	23
ZZ51963		<10	<1	0.04	<10	0.12	128	<1	0.02	4	200	4	<0.01	<2	1	9
ZZ51964		<10	<1	0.03	<10	0.04	72	<1	0.03	2	210	2	<0.01	<2	1	9
ZZ51965		10	<1	0.07	10	0.45	240	<1	0.02	13	260	11	<0.01	<2	3	17
ZZ51966		<10	<1	0.04	<10	0.15	291	<1	0.03	5	260	17	0.01	<2	1	15
ZZ51967		10	<1	0.06	10	0.38	168	<1	0.01	11	280	20	0.01	<2	3	16
ZZ51968		10	<1	0.08	10	0.45	355	<1	0.02	13	250	30	0.01	<2	3	18
ZZ51969		10	<1	0.08	10	0.36	276	<1	0.02	12	320	33	0.01	<2	3	19
ZZ51970		10	<1	0.13	10	0.39	702	1	0.01	14	490	78	0.01	3	4	34
ZZ51971		<10	<1	0.10	10	0.37	526	1	0.02	14	690	60	0.04	4	4	42
ZZ51972		<10	<1	0.04	10	0.23	147	<1	0.02	6	290	7	0.01	<2	2	16
ZZ51973		10	<1	0.06	10	0.35	367	1	0.02	11	730	15	0.05	<2	2	29
ZZ51974		<10	<1	0.07	10	0.40	329	<1	0.02	12	680	271	0.03	7	3	27
ZZ51975		<10	1	0.06	10	0.28	385	<1	0.02	8	690	41	0.02	3	2	21
ZZ51976		<10	1	0.04	<10	0.16	165	<1	0.03	5	460	19	0.02	<2	1	15
ZZ51977		<10	1	0.05	<10	0.17	289	<1	0.03	5	600	11	0.04	<2	2	25
ZZ51978		<10	<1	0.04	<10	0.13	145	<1	0.03	4	530	5	0.04	<2	1	27
ZZ51979		<10	<1	0.04	<10	0.18	176	<1	0.03	5	570	5	0.03	<2	1	23
ZZ51980		<10	<1	0.06	10	0.30	227	<1	0.02	9	590	24	0.02	<2	2	22



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51941		<20	0.05	<10	<10	51	<10	106
ZZ51942		<20	0.05	<10	<10	37	<10	79
ZZ51943		<20	0.03	<10	<10	25	<10	110
ZZ51944		<20	0.03	<10	<10	38	<10	126
ZZ51945		<20	0.04	<10	<10	43	<10	71
ZZ51946		<20	0.06	<10	<10	41	<10	22
ZZ51947		<20	0.08	<10	<10	51	<10	46
ZZ51948		<20	0.04	<10	<10	39	<10	89
ZZ51949		<20	0.03	<10	<10	28	<10	46
ZZ51950		<20	0.06	<10	<10	48	<10	43
ZZ51951		<20	0.04	<10	<10	32	<10	36
ZZ51952		<20	0.04	<10	<10	36	<10	171
ZZ51953		<20	0.04	<10	<10	32	<10	273
ZZ51954		<20	0.04	<10	<10	41	<10	127
ZZ51955		<20	0.04	<10	<10	30	<10	46
ZZ51956		<20	0.04	<10	<10	27	<10	71
ZZ51957		<20	0.04	<10	<10	37	<10	87
ZZ51958		<20	0.05	<10	<10	40	<10	96
ZZ51959		<20	0.03	<10	<10	22	<10	32
ZZ51960		<20	0.02	<10	<10	19	<10	24
ZZ51961		<20	0.03	<10	<10	29	<10	61
ZZ51962		<20	0.04	<10	<10	38	<10	69
ZZ51963		<20	0.06	<10	<10	36	<10	22
ZZ51964		<20	0.03	<10	<10	17	<10	13
ZZ51965		<20	0.08	<10	<10	53	<10	54
ZZ51966		<20	0.07	<10	<10	43	<10	42
ZZ51967		<20	0.07	<10	<10	55	<10	45
ZZ51968		<20	0.08	<10	<10	56	<10	79
ZZ51969		<20	0.06	<10	<10	52	<10	73
ZZ51970		<20	0.02	<10	<10	54	<10	154
ZZ51971		<20	0.03	<10	<10	40	<10	212
ZZ51972		<20	0.06	<10	<10	44	<10	38
ZZ51973		<20	0.04	<10	<10	54	<10	53
ZZ51974		<20	0.04	<10	<10	41	<10	124
ZZ51975		<20	0.03	<10	<10	34	<10	126
ZZ51976		<20	0.04	<10	<10	26	<10	70
ZZ51977		<20	0.04	<10	<10	31	<10	50
ZZ51978		<20	0.03	<10	<10	21	<10	44
ZZ51979		<20	0.04	<10	<10	30	<10	52
ZZ51980		<20	0.05	<10	<10	44	<10	63



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51981		0.31	0.015	1.5	1.34	45	<10	210	<0.5	<2	0.35	<0.5	5	15	18	1.90
ZZ51982		0.35	0.014	1.8	1.14	46	<10	230	<0.5	<2	0.39	<0.5	4	14	20	1.67
ZZ51983		0.53	0.014	3.1	1.67	76	<10	310	0.6	<2	0.50	<0.5	6	20	33	2.64
ZZ51984		0.38	0.015	0.9	1.12	46	<10	230	<0.5	<2	0.40	<0.5	5	19	19	1.85
ZZ51985		0.50	0.007	0.5	1.43	37	<10	200	<0.5	<2	0.45	<0.5	6	25	20	2.20
ZZ51986		0.35	0.023	2.8	1.76	89	<10	400	0.7	<2	0.79	0.9	7	24	46	2.60
ZZ51987		0.35	0.007	0.8	1.43	23	<10	140	<0.5	<2	0.29	<0.5	6	24	13	2.14
ZZ51988		0.38	0.008	1.3	1.55	19	<10	230	<0.5	<2	0.23	<0.5	6	22	14	2.08
ZZ51989		0.37	0.023	1.6	1.71	63	<10	200	0.6	<2	0.66	<0.5	7	28	48	2.59
ZZ51990		0.26	0.006	1.5	1.89	37	<10	200	0.5	<2	0.34	0.7	8	24	32	2.90
ZZ51991		0.33	<0.005	0.3	1.05	8	<10	160	<0.5	<2	0.21	0.5	6	14	18	1.78
ZZ51992		0.36	<0.005	0.8	1.29	14	<10	160	<0.5	<2	0.28	<0.5	8	19	21	2.11
ZZ51993		0.45	<0.005	0.4	0.70	9	<10	80	<0.5	<2	0.17	<0.5	3	10	7	1.34
ZZ51994		0.39	0.016	0.6	1.18	55	<10	150	<0.5	<2	0.19	<0.5	5	19	13	1.88
ZZ51995		0.42	<0.005	1.1	1.58	16	<10	250	<0.5	<2	0.28	0.5	10	24	23	2.58
ZZ51996		0.43	<0.005	0.6	1.42	16	<10	120	<0.5	<2	0.21	<0.5	6	21	15	2.18
ZZ51997		0.43	0.010	0.3	2.12	18	<10	170	<0.5	<2	0.19	0.5	9	28	19	2.77
ZZ51998		0.38	0.012	1.5	1.30	46	<10	180	<0.5	<2	0.37	0.6	7	19	19	2.26
ZZ51999		0.47	<0.005	<0.2	2.00	30	<10	110	<0.5	<2	0.18	<0.5	7	25	17	3.07
ZZ52000		0.30	<0.005	0.3	1.12	5	<10	130	<0.5	<2	0.22	0.5	9	16	19	1.97
ZZ51751		0.43	0.019	0.6	1.54	79	<10	140	<0.5	2	0.20	0.7	8	22	19	2.89
ZZ51752		0.40	0.038	1.0	1.23	151	<10	200	<0.5	2	0.25	0.8	7	20	19	2.98
ZZ51753		0.44	0.012	0.2	1.50	42	<10	190	<0.5	<2	0.27	<0.5	8	23	18	2.71
ZZ51754		0.20	0.048	3.1	2.02	63	<10	330	0.7	2	0.38	1.5	10	23	33	3.13
ZZ51755		0.26	0.114	7.4	2.29	251	<10	310	0.6	3	0.47	4.5	5	21	46	3.13
ZZ51756		0.16	0.047	3.5	1.68	74	<10	240	0.5	<2	0.60	2.3	5	17	30	2.21
ZZ51757		0.27	0.017	1.4	1.95	59	<10	240	0.5	<2	0.46	0.6	6	24	29	2.61
ZZ51758		0.53	0.010	0.8	1.30	44	<10	160	<0.5	<2	0.32	<0.5	5	20	15	1.96
ZZ51759		0.32	0.009	0.9	1.87	64	<10	240	<0.5	<2	0.33	<0.5	6	23	16	2.32
ZZ51760		0.25	0.008	1.6	1.77	26	<10	250	<0.5	<2	0.47	<0.5	4	23	22	1.76
ZZ51761		0.38	0.009	0.8	1.98	55	<10	320	0.6	<2	0.72	0.5	7	29	36	2.76
ZZ51762		0.47	0.009	0.4	0.99	48	<10	160	<0.5	<2	0.37	<0.5	5	18	17	2.09
ZZ51763		0.25	0.020	2.5	2.40	31	<10	460	1.0	<2	0.90	<0.5	8	29	57	2.96
ZZ51764		0.38	<0.005	0.8	2.13	18	<10	180	0.5	<2	0.23	<0.5	8	32	25	2.88
ZZ51765		0.33	<0.005	0.2	1.40	17	<10	130	<0.5	<2	0.18	<0.5	6	22	13	2.47
ZZ51766		0.38	0.005	1.5	1.71	33	<10	140	<0.5	<2	0.16	<0.5	7	23	25	2.42
ZZ51767		0.40	0.010	0.7	1.77	27	<10	210	<0.5	<2	0.22	<0.5	7	25	21	2.55
ZZ51768		0.51	0.007	1.2	1.93	27	<10	150	<0.5	<2	0.22	<0.5	8	28	16	2.72
ZZ51769		0.36	0.009	3.0	1.72	48	<10	110	<0.5	<2	0.22	<0.5	6	22	24	2.75
ZZ51770		0.41	0.009	0.7	1.47	36	<10	240	0.5	<2	0.56	<0.5	6	21	38	2.48



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ51981		<10	<1	0.06	10	0.27	252	<1	0.03	8	680	23	0.03	<2	2	27
ZZ51982		<10	<1	0.06	10	0.24	268	<1	0.03	8	630	18	0.04	2	2	31
ZZ51983		<10	<1	0.11	10	0.36	644	<1	0.02	11	690	60	0.03	3	4	37
ZZ51984		<10	<1	0.06	10	0.37	308	<1	0.02	11	610	39	0.02	2	3	27
ZZ51985		<10	<1	0.08	10	0.47	364	<1	0.02	13	470	25	0.02	<2	3	32
ZZ51986		<10	1	0.11	20	0.40	601	<1	0.02	13	540	60	0.03	3	5	49
ZZ51987		<10	<1	0.07	10	0.41	296	<1	0.02	12	350	22	0.01	<2	3	22
ZZ51988		<10	1	0.08	10	0.35	584	<1	0.02	12	300	31	0.01	<2	3	21
ZZ51989		<10	1	0.11	10	0.47	497	1	0.01	18	670	35	0.03	<2	5	45
ZZ51990		10	1	0.14	10	0.36	878	1	0.01	12	550	26	0.03	<2	3	28
ZZ51991		<10	<1	0.07	10	0.22	939	1	0.01	7	320	9	0.01	<2	2	21
ZZ51992		<10	<1	0.06	10	0.32	600	1	0.01	10	360	11	0.01	<2	3	23
ZZ51993		<10	1	0.05	10	0.18	239	<1	0.02	4	380	17	0.01	<2	1	14
ZZ51994		<10	<1	0.09	10	0.32	703	1	0.01	9	300	26	0.01	<2	2	17
ZZ51995		10	<1	0.08	10	0.34	1395	1	0.01	10	420	26	0.02	<2	2	26
ZZ51996		<10	<1	0.09	10	0.40	236	<1	0.01	12	390	13	0.01	<2	3	15
ZZ51997		10	1	0.10	10	0.46	336	1	0.01	19	360	19	0.01	<2	3	18
ZZ51998		<10	<1	0.08	10	0.28	558	<1	0.02	9	410	33	0.02	<2	3	27
ZZ51999		10	<1	0.14	10	0.54	298	1	0.01	14	450	13	0.01	2	3	16
ZZ52000		10	<1	0.05	10	0.25	814	1	0.02	8	340	9	0.02	<2	1	23
ZZ51751		<10	<1	0.08	10	0.43	334	1	0.01	13	340	17	0.02	2	3	17
ZZ51752		<10	<1	0.06	10	0.36	434	1	0.01	12	390	34	0.02	6	3	20
ZZ51753		<10	1	0.07	10	0.47	435	1	0.01	15	400	14	0.01	<2	3	20
ZZ51754		10	1	0.09	20	0.36	852	1	0.02	13	940	42	0.06	<2	4	33
ZZ51755		10	1	0.13	20	0.38	453	1	0.02	12	940	437	0.07	9	4	44
ZZ51756		<10	1	0.08	10	0.30	390	1	0.02	9	940	62	0.07	<2	3	49
ZZ51757		10	<1	0.10	10	0.39	474	1	0.01	12	780	30	0.04	<2	3	34
ZZ51758		<10	<1	0.06	10	0.41	297	1	0.01	9	500	26	0.02	<2	3	22
ZZ51759		10	1	0.09	10	0.41	511	1	0.01	10	640	28	0.04	<2	3	29
ZZ51760		10	1	0.09	10	0.38	254	1	0.02	11	680	26	0.06	<2	3	37
ZZ51761		10	1	0.10	10	0.49	490	1	0.01	16	760	25	0.05	<2	4	53
ZZ51762		<10	1	0.07	10	0.34	579	1	0.01	9	320	39	0.01	2	3	25
ZZ51763		10	1	0.13	30	0.46	576	1	0.01	18	1260	26	0.08	2	6	57
ZZ51764		10	<1	0.09	10	0.50	351	1	0.01	16	290	15	0.01	<2	4	22
ZZ51765		10	<1	0.10	10	0.36	450	1	0.01	10	260	12	0.01	<2	3	17
ZZ51766		<10	<1	0.08	10	0.43	251	1	0.01	15	280	16	0.01	<2	3	14
ZZ51767		10	<1	0.09	10	0.43	371	1	0.01	14	280	20	0.01	<2	3	21
ZZ51768		10	<1	0.12	10	0.48	291	1	0.01	18	480	20	0.01	<2	3	18
ZZ51769		10	1	0.10	10	0.37	428	1	0.01	12	340	86	0.01	3	3	20
ZZ51770		<10	1	0.10	10	0.40	498	1	0.02	11	700	43	0.03	<2	4	38





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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51981		<20	0.05	<10	<10	46	<10	105
ZZ51982		<20	0.04	<10	<10	36	<10	66
ZZ51983		<20	0.03	<10	<10	44	<10	101
ZZ51984		<20	0.05	<10	<10	35	<10	62
ZZ51985		<20	0.06	<10	<10	43	<10	64
ZZ51986		<20	0.03	<10	<10	42	<10	177
ZZ51987		<20	0.06	<10	<10	47	<10	66
ZZ51988		<20	0.05	<10	<10	45	<10	55
ZZ51989		<20	0.04	<10	<10	45	<10	112
ZZ51990		<20	0.03	<10	<10	50	<10	97
ZZ51991		<20	0.05	<10	<10	39	<10	39
ZZ51992		<20	0.05	<10	<10	48	<10	49
ZZ51993		<20	0.04	<10	<10	33	<10	31
ZZ51994		<20	0.05	<10	<10	40	<10	81
ZZ51995		<20	0.06	<10	<10	59	<10	83
ZZ51996		<20	0.06	<10	<10	44	<10	51
ZZ51997		<20	0.08	<10	<10	56	<10	59
ZZ51998		<20	0.04	<10	<10	50	<10	106
ZZ51999		<20	0.09	<10	<10	68	<10	73
ZZ52000		<20	0.05	<10	<10	46	<10	61
ZZ51751		<20	0.06	<10	<10	52	<10	93
ZZ51752		<20	0.05	<10	<10	47	<10	117
ZZ51753		<20	0.07	<10	<10	48	<10	56
ZZ51754		<20	0.04	<10	<10	48	<10	118
ZZ51755		<20	0.03	<10	<10	40	<10	511
ZZ51756		<20	0.03	<10	<10	38	<10	322
ZZ51757		<20	0.05	<10	<10	52	<10	134
ZZ51758		<20	0.06	<10	<10	42	<10	89
ZZ51759		<20	0.05	<10	<10	46	<10	96
ZZ51760		<20	0.04	<10	<10	36	<10	86
ZZ51761		<20	0.04	<10	<10	50	<10	83
ZZ51762		<20	0.05	<10	<10	38	<10	85
ZZ51763		<20	0.02	<10	<10	50	<10	92
ZZ51764		<20	0.07	<10	<10	59	<10	60
ZZ51765		<20	0.08	<10	<10	54	<10	48
ZZ51766		<20	0.06	<10	<10	46	<10	53
ZZ51767		<20	0.06	<10	<10	52	<10	69
ZZ51768		<20	0.08	<10	<10	54	<10	79
ZZ51769		<20	0.05	<10	<10	49	<10	86
ZZ51770		<20	0.05	<10	<10	46	<10	78



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51771		0.42	0.031	0.3	1.47	24	<10	170	<0.5	<2	0.36	<0.5	8	24	19	2.54
ZZ51772		0.43	0.006	0.3	1.01	32	<10	160	<0.5	<2	0.36	<0.5	4	16	15	1.89
ZZ51773		0.59	<0.005	0.5	1.31	25	<10	190	<0.5	<2	0.48	<0.5	5	24	22	2.07
ZZ51774		0.71	0.008	1.0	1.30	33	<10	150	<0.5	<2	0.39	<0.5	4	22	14	1.83
ZZ51775		0.47	0.014	1.1	2.59	53	<10	310	0.5	<2	0.45	0.5	6	30	22	2.81
ZZ51776		0.37	0.010	0.6	1.64	49	<10	220	<0.5	<2	0.40	0.5	8	22	19	2.28
ZZ51777		0.46	0.021	1.1	1.62	46	<10	160	<0.5	<2	0.33	0.6	5	24	18	2.15
ZZ51778		0.38	0.035	1.5	1.27	117	<10	250	<0.5	2	0.29	1.6	5	18	20	2.31
ZZ51779		0.44	0.041	1.7	1.44	98	<10	220	<0.5	3	0.35	1.8	6	21	32	2.72
ZZ51780		0.25	0.108	4.7	2.73	135	<10	420	1.0	4	0.55	1.9	9	29	45	3.96
ZZ51781		0.56	0.025	0.7	1.27	66	<10	120	<0.5	<2	0.24	<0.5	6	20	14	2.25
ZZ51782		0.29	0.014	0.4	1.16	45	<10	120	<0.5	<2	0.30	0.5	7	20	18	2.23
ZZ51783		0.27	0.022	1.4	1.79	77	<10	230	0.5	<2	0.36	1.1	6	23	24	2.72
ZZ51784		0.26	0.092	1.4	1.57	51	<10	280	0.5	3	0.40	0.7	7	22	26	2.90
ZZ51785		0.30	0.023	0.6	1.36	26	<10	160	<0.5	<2	0.23	<0.5	5	23	13	2.30
ZZ51786		0.24	0.037	3.9	1.87	61	<10	230	<0.5	<2	0.47	2.4	5	21	24	2.42
ZZ51787		0.35	0.009	0.5	1.67	25	<10	160	<0.5	<2	0.27	<0.5	6	27	17	2.27
ZZ51788		0.22	0.016	1.7	2.06	42	<10	200	<0.5	<2	0.40	<0.5	5	22	19	2.50
ZZ51789		0.23	0.014	1.1	1.52	26	<10	190	<0.5	<2	0.38	<0.5	4	18	12	2.20
ZZ51790		0.37	<0.005	0.4	1.67	20	<10	240	0.5	<2	0.64	<0.5	9	37	29	3.26
ZZ51791		0.33	<0.005	0.3	1.40	24	<10	220	<0.5	<2	0.44	<0.5	5	24	21	2.25
ZZ51792		0.38	0.005	0.3	1.07	16	<10	180	<0.5	<2	0.39	<0.5	5	20	18	1.89
ZZ51793		0.28	0.011	0.9	1.23	42	<10	260	0.6	<2	0.45	<0.5	5	20	34	2.21
ZZ51794		0.25	0.010	1.0	1.22	32	<10	190	<0.5	<2	0.46	<0.5	5	21	24	2.06
ZZ51795		0.16	0.039	2.0	1.71	63	<10	320	0.7	<2	0.78	0.5	5	23	45	2.38
ZZ51796		0.29	0.017	1.6	1.59	55	<10	370	0.6	<2	0.62	0.7	6	26	35	2.43
ZZ51797		0.38	<0.005	0.2	1.34	17	<10	120	<0.5	<2	0.22	<0.5	7	22	13	2.01
ZZ51798		0.39	0.007	0.2	1.54	37	<10	230	<0.5	<2	0.28	<0.5	6	22	15	2.16
ZZ51799		0.30	0.010	0.9	1.34	28	<10	190	<0.5	<2	0.32	<0.5	5	19	22	1.95
ZZ51800		0.46	0.010	0.8	1.38	29	<10	260	<0.5	<2	0.48	<0.5	7	26	36	2.24
ZZ51801		0.30	<0.005	0.3	0.91	20	<10	140	<0.5	<2	0.32	<0.5	4	18	10	1.67
ZZ51802		0.26	0.049	6.8	2.87	56	<10	370	1.1	<2	0.78	0.5	5	30	83	3.17
ZZ51803		0.34	0.006	0.4	1.17	21	<10	180	<0.5	<2	0.40	<0.5	5	22	21	1.94
ZZ51804		0.40	0.005	0.7	1.62	19	<10	260	0.5	<2	0.67	<0.5	7	29	29	2.32
ZZ51805		0.42	0.005	0.3	1.16	18	<10	190	<0.5	<2	0.45	<0.5	6	26	19	2.07
ZZ51806		0.21	0.016	1.5	2.11	39	<10	260	<0.5	<2	0.47	<0.5	5	22	20	2.38
ZZ51807		0.42	0.005	0.2	1.17	22	<10	220	0.5	<2	0.49	<0.5	7	32	23	2.69
ZZ51808		0.29	0.018	1.8	1.83	21	<10	240	<0.5	<2	0.40	0.7	5	26	24	2.09
ZZ51809		0.29	0.058	1.7	1.55	74	<10	230	0.5	<2	0.37	0.9	6	23	28	2.53
ZZ51810		0.21	0.064	5.2	2.00	69	<10	230	0.6	5	0.52	1.9	8	22	55	3.35



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
ZZ51771		<10	<1	0.10	10	0.46	480	1	0.01	12	370	16	0.01	<2	3
ZZ51772		<10	<1	0.07	10	0.32	288	1	0.01	6	460	33	0.02	<2	3
ZZ51773		<10	1	0.07	10	0.43	373	1	0.01	13	500	18	0.02	<2	3
ZZ51774		<10	<1	0.08	10	0.37	210	1	0.01	9	560	27	0.02	<2	3
ZZ51775		10	<1	0.11	10	0.48	481	<1	0.02	14	830	29	0.05	<2	4
ZZ51776		10	<1	0.09	10	0.40	821	<1	0.02	11	600	30	0.02	<2	3
ZZ51777		<10	<1	0.07	10	0.46	349	<1	0.02	12	530	34	0.01	<2	3
ZZ51778		<10	<1	0.08	10	0.37	311	<1	0.02	9	310	81	0.02	2	3
ZZ51779		<10	<1	0.08	10	0.40	425	<1	0.02	11	510	213	0.02	3	3
ZZ51780		10	1	0.12	20	0.44	654	1	0.02	19	1200	58	0.07	<2	6
ZZ51781		<10	1	0.06	10	0.38	227	<1	0.01	11	350	15	0.01	<2	3
ZZ51782		<10	<1	0.06	10	0.43	315	<1	0.02	12	450	13	0.01	<2	3
ZZ51783		10	<1	0.07	10	0.45	398	<1	0.02	12	340	23	0.02	<2	4
ZZ51784		<10	<1	0.09	10	0.39	424	1	0.02	13	680	38	0.03	<2	4
ZZ51785		<10	<1	0.06	10	0.43	226	<1	0.02	11	180	16	0.01	<2	3
ZZ51786		10	<1	0.10	10	0.36	270	<1	0.03	11	880	52	0.06	<2	3
ZZ51787		10	<1	0.06	10	0.45	280	<1	0.02	14	440	23	0.01	<2	4
ZZ51788		10	<1	0.10	10	0.36	282	<1	0.03	9	760	28	0.04	<2	4
ZZ51789		<10	<1	0.07	10	0.30	181	<1	0.02	8	780	32	0.03	<2	3
ZZ51790		10	<1	0.13	10	0.60	485	<1	0.03	21	820	9	0.02	<2	8
ZZ51791		<10	<1	0.09	10	0.43	284	<1	0.02	12	400	16	0.01	<2	3
ZZ51792		<10	<1	0.07	10	0.38	289	<1	0.02	11	640	16	0.01	<2	3
ZZ51793		<10	<1	0.08	20	0.36	556	<1	0.02	11	530	43	0.02	<2	4
ZZ51794		<10	<1	0.08	10	0.36	772	<1	0.03	10	480	45	0.02	<2	3
ZZ51795		<10	<1	0.14	20	0.36	597	<1	0.03	13	690	55	0.03	2	5
ZZ51796		<10	<1	0.10	10	0.42	646	<1	0.02	14	640	86	0.02	3	4
ZZ51797		<10	1	0.07	10	0.38	484	<1	0.02	11	430	16	0.01	<2	3
ZZ51798		<10	<1	0.09	10	0.39	375	<1	0.02	11	320	11	0.01	<2	3
ZZ51799		<10	1	0.09	10	0.36	403	<1	0.02	12	420	21	0.01	<2	3
ZZ51800		<10	<1	0.09	10	0.48	388	<1	0.02	14	430	22	0.02	2	3
ZZ51801		<10	1	0.07	10	0.36	260	<1	0.02	8	230	17	0.01	<2	2
ZZ51802		10	1	0.16	40	0.40	426	<1	0.02	19	910	52	0.07	2	8
ZZ51803		<10	<1	0.07	10	0.38	362	<1	0.02	11	440	29	0.01	<2	3
ZZ51804		10	<1	0.09	10	0.42	232	<1	0.02	14	630	29	0.03	<2	5
ZZ51805		<10	<1	0.09	10	0.39	249	<1	0.02	12	690	17	0.01	<2	5
ZZ51806		10	<1	0.12	10	0.35	317	<1	0.03	10	670	34	0.04	<2	4
ZZ51807		<10	1	0.13	20	0.40	343	<1	0.02	16	1000	14	<0.01	<2	6
ZZ51808		10	<1	0.08	10	0.32	234	<1	0.03	12	720	22	0.05	<2	4
ZZ51809		<10	1	0.06	20	0.44	335	<1	0.02	12	490	37	0.02	2	3
ZZ51810		10	1	0.10	20	0.41	498	1	0.02	14	960	671	0.07	2	3



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51771		<20	0.06	<10	<10	52	<10	69
ZZ51772		<20	0.04	<10	<10	35	<10	56
ZZ51773		<20	0.05	<10	<10	42	<10	51
ZZ51774		<20	0.05	<10	<10	38	<10	58
ZZ51775		<20	0.06	<10	<10	56	<10	143
ZZ51776		<20	0.06	<10	<10	47	<10	94
ZZ51777		<20	0.06	<10	<10	44	<10	122
ZZ51778		<20	0.05	<10	<10	43	<10	204
ZZ51779		<20	0.04	<10	<10	43	<10	253
ZZ51780		<20	0.03	<10	<10	54	<10	248
ZZ51781		<20	0.05	<10	<10	45	<10	62
ZZ51782		<20	0.07	<10	<10	44	<10	71
ZZ51783		<20	0.05	<10	<10	57	<10	112
ZZ51784		<20	0.05	<10	<10	47	<10	97
ZZ51785		<20	0.08	<10	<10	48	<10	66
ZZ51786		<20	0.04	<10	<10	45	<10	241
ZZ51787		<20	0.08	<10	<10	51	<10	69
ZZ51788		<20	0.05	<10	<10	50	<10	120
ZZ51789		<20	0.07	<10	<10	55	<10	107
ZZ51790		<20	0.09	<10	<10	73	<10	76
ZZ51791		<20	0.06	<10	<10	47	<10	72
ZZ51792		<20	0.05	<10	<10	38	<10	49
ZZ51793		<20	0.04	<10	<10	40	<10	75
ZZ51794		<20	0.05	<10	<10	41	<10	77
ZZ51795		<20	0.03	<10	<10	40	<10	116
ZZ51796		<20	0.04	<10	<10	42	<10	154
ZZ51797		<20	0.06	<10	<10	43	<10	59
ZZ51798		<20	0.04	<10	<10	43	<10	56
ZZ51799		<20	0.05	<10	<10	38	<10	72
ZZ51800		<20	0.06	<10	<10	44	<10	74
ZZ51801		<20	0.07	<10	<10	39	<10	59
ZZ51802		<20	0.03	<10	<10	49	<10	187
ZZ51803		<20	0.06	<10	<10	41	<10	59
ZZ51804		<20	0.06	<10	<10	52	<10	68
ZZ51805		<20	0.07	<10	<10	48	<10	58
ZZ51806		<20	0.05	<10	<10	44	<10	147
ZZ51807		<20	0.09	<10	<10	63	<10	75
ZZ51808		<20	0.04	<10	<10	42	<10	104
ZZ51809		<20	0.05	<10	<10	46	<10	143
ZZ51810		<20	0.04	<10	<10	48	<10	178



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# CERTIFICATE OF ANALYSIS    WH12186248

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ51811		<20	0.08	<10	<10	51	<10	76
ZZ51812		<20	0.07	<10	<10	57	<10	79
ZZ51813		<20	0.04	<10	<10	57	<10	112
ZZ51814		<20	0.05	<10	<10	46	<10	62
ZZ51815		<20	0.04	<10	<10	45	<10	59
ZZ51816		<20	0.05	<10	<10	49	<10	62
ZZ51817		<20	0.06	<10	<10	44	<10	71
ZZ51818		<20	0.05	<10	<10	47	<10	61
ZZ51819		<20	0.07	<10	<10	46	<10	59
ZZ51820		<20	0.06	<10	<10	51	<10	89



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**CERTIFICATE WH12187456**

Project: Klaza - 101

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager





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Project: Klaza - 101

**CERTIFICATE OF ANALYSIS WH12187456**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811625		3.20	<0.005	0.37	6.73	26.4	1160	1.04	0.49	2.77	7.90	36.1	8.7	10	12.75	19.8
N811626		3.38	<0.005	0.19	7.09	7.2	1790	1.07	0.43	2.81	0.36	46.6	8.1	10	7.76	8.8
N811627		3.55	0.019	0.13	6.99	22.8	3150	1.05	0.42	2.09	0.54	39.9	7.3	11	10.15	3.9
N811628		4.34	<0.005	0.13	7.63	6.8	1670	1.11	0.38	2.74	0.19	45.6	7.5	13	7.60	6.4
N811629		2.14	<0.005	0.16	7.75	8.3	1950	1.19	0.53	3.37	0.19	45.9	7.9	12	8.95	6.0
N811630		2.43	<0.005	0.17	7.08	5.7	1580	1.16	0.50	2.94	0.29	43.8	7.1	11	12.00	11.9
N811631		0.24	4.26	>100	5.46	7390	510	0.99	57.3	1.94	222	35.3	8.6	18	12.50	1260
N811632		4.09	<0.005	0.15	7.31	6.6	1810	1.19	0.41	2.71	0.26	46.7	7.6	13	10.30	5.8
N811633		1.61	<0.005	0.39	7.24	24.5	1490	1.20	0.30	2.33	2.96	47.6	7.2	10	12.20	4.2
N811634		1.79	0.924	8.17	6.33	8080	1030	1.07	5.67	1.44	186.0	42.6	6.9	7	13.40	201
N811635		4.15	<0.005	0.02	0.08	6	40	<0.05	0.02	20.6	0.35	1.23	1.1	1	0.15	1.9
N811636		1.62	<0.005	0.23	6.72	69.9	1480	1.10	0.37	3.89	0.81	42.4	5.3	8	16.95	4.8
N811637		3.18	<0.005	0.13	7.55	12.7	2050	1.21	0.31	3.03	0.26	38.8	6.9	11	10.70	5.7
N811638		1.48	<0.005	0.11	6.94	13.4	1840	1.12	0.32	2.68	0.29	40.0	6.7	12	9.41	5.8
N811639		2.61	<0.005	0.12	7.51	14.4	2030	1.13	0.27	3.11	0.20	41.6	7.7	15	7.79	3.1
N811640		1.96	<0.005	0.46	6.86	12.6	1110	1.29	0.29	2.14	0.10	35.9	4.2	7	13.85	2.8
N811641		2.06	<0.005	0.17	6.47	28.7	1050	1.28	0.48	2.19	0.37	28.7	3.7	6	12.80	1.6
N811642		1.85	0.053	1.48	6.90	138.0	1620	1.60	0.52	1.94	5.63	42.0	4.3	7	26.4	13.0
N811643		3.31	<0.005	0.13	6.88	9.1	1080	1.62	0.08	3.17	0.24	61.5	5.2	10	32.2	12.2
N811644		4.66	<0.005	0.21	6.73	9.0	1740	1.57	0.04	3.28	0.27	53.3	5.9	10	32.9	9.8
N811645		4.70	<0.005	0.13	6.85	7.9	1010	1.62	0.04	3.64	0.18	54.9	6.3	10	37.7	12.4
N811646		0.25	3.92	>100	5.19	7290	240	0.93	59.1	1.91	218	30.3	8.1	18	11.90	1245
N811647		2.48	<0.005	0.29	6.55	12.6	820	1.75	0.10	3.33	0.33	51.8	4.7	10	33.2	7.3
N811648		1.40	<0.005	0.47	6.58	14.8	1180	1.77	0.21	2.48	0.60	49.4	4.0	10	27.5	7.1
N811649		2.48	2.17	34.4	5.04	6070	400	0.93	4.66	2.44	82.9	28.5	7.5	6	14.55	267
N811650		4.23	<0.005	0.04	0.09	8	30	<0.05	0.03	19.85	0.14	1.28	1.1	1	0.27	1.8
N811651		1.70	0.006	0.48	7.04	52.3	1010	1.44	0.47	2.42	0.62	43.0	7.2	7	25.6	6.7
N811652		1.34	<0.005	0.41	6.92	34.4	1110	1.25	0.27	2.79	1.21	42.2	7.8	8	14.50	11.2
N811653		1.90	0.007	0.20	6.80	59.1	1600	1.20	0.27	2.50	0.46	37.9	7.0	8	10.70	6.5
N811654		3.73	<0.005	0.41	7.09	15.2	1160	1.36	0.40	2.82	0.61	42.8	7.4	9	17.60	4.1
N811655		2.77	<0.005	0.13	7.44	12.3	2530	1.22	0.39	2.43	0.10	45.7	7.3	8	11.20	4.6
N811656		5.88	<0.005	0.11	7.54	5.4	2130	1.23	0.39	2.79	0.10	47.6	8.7	13	7.99	5.1
N811657		5.53	<0.005	0.11	7.41	6.2	1940	1.24	0.38	2.55	0.09	49.7	7.7	11	8.33	7.9
N811658		<0.02	<0.005	0.10	7.55	5.1	2010	1.27	0.34	2.65	0.08	48.5	7.8	14	8.35	7.9
N811659		2.68	<0.005	0.12	7.32	7.8	1770	1.27	0.27	2.65	0.09	54.1	7.8	11	10.05	8.0
N811660		2.83	<0.005	0.10	7.42	5.7	1920	1.20	0.30	2.70	0.10	43.0	7.7	11	10.45	7.1



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**CERTIFICATE OF ANALYSIS WH12187456**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811625		3.41	15.85	0.15	1.4	0.065	2.53	17.3	8.1	0.24	2260	7.05	1.29	8.3	4.4	600
N811626		3.05	14.80	0.17	1.5	0.041	2.49	24.9	4.8	0.58	780	1.48	1.80	8.3	3.7	590
N811627		3.08	15.30	0.16	1.4	0.042	2.16	20.9	8.3	0.21	1220	3.23	1.76	8.1	2.9	590
N811628		3.23	16.50	0.17	1.5	0.037	2.27	23.5	8.1	0.67	600	1.40	2.11	8.7	2.9	630
N811629		3.37	17.30	0.20	1.4	0.051	2.51	24.5	7.3	0.81	798	0.88	2.23	9.0	3.3	660
N811630		2.86	15.55	0.17	1.4	0.039	2.43	22.9	10.3	0.58	562	1.83	1.80	8.1	2.7	590
N811631		8.10	12.80	0.25	1.0	4.84	2.27	18.7	23.7	0.62	3040	14.10	0.08	6.0	12.8	450
N811632		2.95	15.45	0.16	1.4	0.037	2.41	24.9	5.5	0.72	511	2.80	2.06	8.1	2.6	600
N811633		3.08	16.05	0.18	1.5	0.065	2.42	25.2	16.4	0.59	882	2.60	1.26	8.2	2.5	600
N811634		6.01	13.45	0.23	1.1	2.35	2.81	23.6	6.3	0.60	2580	2.11	0.11	6.5	2.3	490
N811635		0.45	0.26	0.13	<0.1	0.006	0.03	0.6	0.7	12.10	200	0.13	0.01	0.4	2.1	170
N811636		2.90	14.70	0.19	1.2	0.049	2.50	21.6	29.0	1.03	1100	2.06	0.57	7.7	2.1	590
N811637		3.12	16.85	0.17	1.4	0.041	2.68	19.6	10.6	0.77	549	1.35	1.96	9.0	3.1	700
N811638		2.88	15.95	0.17	1.4	0.041	2.46	20.3	9.8	0.72	512	1.20	1.76	8.6	2.8	650
N811639		3.16	16.95	0.18	1.1	0.044	2.01	20.6	6.9	0.95	483	0.46	2.49	8.7	3.0	700
N811640		1.94	15.00	0.14	1.9	0.019	2.03	21.0	22.8	0.61	456	0.70	1.39	10.2	2.0	510
N811641		1.78	14.20	0.14	1.9	0.033	2.08	14.6	17.2	0.70	1160	0.34	1.19	9.2	1.8	470
N811642		2.08	15.25	0.15	2.0	0.118	2.28	21.6	27.2	0.57	1880	2.16	0.66	9.6	2.5	630
N811643		2.25	17.35	0.18	2.4	0.024	2.22	32.0	42.7	0.72	698	0.85	0.11	11.5	3.6	940
N811644		2.23	17.95	0.18	2.2	0.029	2.31	26.9	48.5	0.76	667	0.73	0.35	11.6	3.7	950
N811645		2.24	18.00	0.19	2.3	0.028	2.35	27.8	46.5	0.69	596	0.76	0.58	11.7	3.7	970
N811646		7.93	12.45	0.24	1.0	4.72	2.22	15.3	25.9	0.59	3000	13.80	0.08	5.8	12.1	440
N811647		2.20	18.15	0.17	2.6	0.026	2.06	26.0	46.1	0.56	571	1.52	1.12	12.1	4.0	980
N811648		2.25	17.60	0.16	2.6	0.029	2.00	24.5	40.5	0.60	726	1.26	0.37	12.0	3.3	960
N811649		8.45	11.25	0.24	1.0	1.820	2.12	13.7	18.1	0.90	12500	10.50	0.03	4.7	1.8	490
N811650		0.45	0.27	0.11	<0.1	0.007	0.03	0.7	0.8	11.80	221	0.11	0.01	0.4	2.4	160
N811651		2.58	15.05	0.17	1.3	0.048	2.73	23.0	25.6	0.88	1550	0.95	0.05	8.2	2.3	600
N811652		2.95	15.70	0.18	1.3	0.043	2.73	22.7	45.3	0.88	1180	0.82	0.40	8.0	2.5	570
N811653		2.91	15.90	0.17	1.5	0.046	2.71	19.0	19.2	0.63	1140	0.66	1.45	8.4	2.5	590
N811654		3.27	15.30	0.18	1.6	0.053	2.92	22.1	24.2	0.75	1330	1.39	0.57	8.9	2.4	610
N811655		2.86	17.00	0.18	1.7	0.038	2.45	23.9	13.4	0.55	583	1.61	1.65	9.1	2.2	620
N811656		3.20	17.10	0.18	1.7	0.040	2.65	23.8	10.7	0.88	657	1.42	2.23	9.3	2.8	690
N811657		2.86	16.50	0.19	1.7	0.035	2.67	26.4	15.3	0.83	556	1.22	2.09	8.8	2.4	580
N811658		3.00	16.30	0.17	1.8	0.035	2.79	24.8	14.8	0.85	579	1.08	2.19	8.9	2.7	600
N811659		2.88	15.15	0.18	1.7	0.033	2.57	29.3	13.4	0.80	601	1.42	2.00	8.7	2.4	600
N811660		2.99	15.65	0.18	1.5	0.036	2.53	22.4	8.3	0.77	604	0.71	2.10	8.4	2.5	620



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**CERTIFICATE OF ANALYSIS WH12187456**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811625		31.7	133.5	<0.002	0.02	4.50	9.2	1	6.3	147.5	0.64	<0.05	10.0	0.266	1.91	2.4
N811626		23.7	105.5	<0.002	0.02	1.87	10.0	1	2.0	287	0.67	<0.05	13.7	0.257	1.14	2.4
N811627		12.5	108.5	<0.002	0.10	2.59	9.6	1	2.6	189.0	0.64	<0.05	12.0	0.260	1.36	2.6
N811628		14.0	80.5	<0.002	0.01	1.82	10.8	1	3.4	331	0.68	<0.05	12.6	0.285	0.87	2.3
N811629		17.3	96.7	<0.002	0.02	2.07	11.6	1	2.8	374	0.62	<0.05	11.9	0.300	1.10	1.7
N811630		23.1	92.6	<0.002	0.02	2.63	9.8	1	3.6	295	0.63	<0.05	12.4	0.256	1.00	2.4
N811631		9560	135.0	<0.002	7.33	224	6.5	3	9.0	123.5	0.43	0.53	10.1	0.183	2.11	6.2
N811632		18.4	97.7	<0.002	0.03	1.75	10.4	1	1.7	356	0.63	<0.05	12.9	0.261	0.96	2.4
N811633		132.0	102.0	<0.002	0.09	4.22	10.3	1	2.2	240	0.66	<0.05	14.3	0.265	1.40	3.5
N811634		1970	168.0	<0.002	4.21	43.9	8.8	2	3.7	61.1	0.50	<0.05	11.7	0.218	2.37	18.9
N811635		3.8	1.2	<0.002	0.01	0.07	0.1	1	<0.2	48.5	<0.05	<0.05	0.2	<0.005	<0.02	0.8
N811636		22.6	95.3	<0.002	0.18	7.45	9.8	1	3.6	205	0.58	<0.05	10.7	0.258	1.86	4.0
N811637		17.8	82.6	<0.002	0.03	2.61	10.0	1	2.3	365	0.63	<0.05	10.9	0.286	1.04	2.9
N811638		17.2	80.9	<0.002	0.03	2.62	10.1	1	2.2	321	0.61	<0.05	10.8	0.271	0.98	2.8
N811639		22.1	58.2	<0.002	0.01	1.36	11.8	1	2.9	451	0.52	<0.05	8.9	0.303	0.75	2.2
N811640		15.2	68.7	<0.002	0.05	5.76	6.6	1	2.5	213	0.87	<0.05	15.7	0.196	1.13	3.8
N811641		23.5	101.0	<0.002	0.17	6.33	5.9	1	2.7	129.5	0.81	<0.05	15.8	0.175	1.80	4.4
N811642		431	119.0	<0.002	0.64	10.20	5.9	1	3.0	172.5	0.73	<0.05	15.0	0.205	1.88	6.8
N811643		20.2	70.9	<0.002	0.03	8.01	4.8	1	2.5	261	0.74	<0.05	9.4	0.258	1.32	3.8
N811644		23.3	64.2	<0.002	0.05	5.32	4.6	1	2.2	301	0.72	<0.05	8.3	0.266	1.35	3.4
N811645		21.2	70.8	<0.002	0.01	5.74	4.7	1	2.2	380	0.74	<0.05	8.3	0.270	1.20	3.1
N811646		9440	120.5	<0.002	7.16	220	6.1	2	8.9	121.5	0.42	0.52	9.2	0.178	2.15	6.0
N811647		28.5	62.8	<0.002	0.02	7.93	4.7	1	1.6	445	0.76	<0.05	7.9	0.266	1.12	3.3
N811648		48.5	55.2	<0.002	0.06	13.85	4.5	1	1.9	222	0.77	<0.05	7.8	0.265	1.20	6.1
N811649		>10000	143.0	<0.002	5.58	133.5	4.3	1	9.0	91.1	0.34	0.20	10.9	0.152	2.24	5.4
N811650		16.4	1.4	<0.002	0.02	0.17	0.1	1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
N811651		73.6	106.5	<0.002	0.25	9.26	10.3	1	2.3	175.5	0.66	<0.05	12.0	0.253	1.96	4.8
N811652		93.5	111.0	<0.002	0.17	8.65	10.4	1	2.4	194.5	0.62	<0.05	11.3	0.251	1.79	4.6
N811653		39.8	99.5	<0.002	0.23	4.37	9.9	1	2.0	267	0.66	<0.05	10.0	0.261	1.43	2.5
N811654		55.7	127.5	<0.002	0.25	7.21	10.4	1	2.0	172.0	0.73	<0.05	12.0	0.271	2.16	5.3
N811655		15.9	91.5	<0.002	0.05	3.75	10.4	1	1.7	240	0.74	<0.05	12.7	0.275	1.09	2.9
N811656		16.9	96.7	<0.002	0.01	1.38	11.1	1	1.7	390	0.73	<0.05	12.9	0.289	1.10	3.2
N811657		15.6	105.5	<0.002	0.01	1.30	10.4	1	1.7	377	0.72	<0.05	15.2	0.255	0.99	4.3
N811658		16.1	100.0	<0.002	0.01	1.32	10.2	1	1.8	393	0.75	<0.05	15.5	0.265	1.02	4.5
N811659		15.5	102.0	<0.002	0.04	1.93	10.1	1	1.8	350	0.71	<0.05	15.8	0.256	1.00	4.8
N811660		17.6	97.7	<0.002	0.02	1.58	10.7	1	1.9	389	0.63	<0.05	13.3	0.265	1.10	3.5



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**CERTIFICATE OF ANALYSIS WH12187456**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N811625		76	2.4	12.6	392	40.0			
N811626		73	2.6	15.5	78	37.9			
N811627		72	2.9	12.5	97	38.3			
N811628		82	1.6	16.3	57	39.8			
N811629		87	1.5	17.3	64	38.8			
N811630		75	1.3	15.3	61	39.7			
N811631		52	4.3	9.4	>10000	31.7	125		1.605
N811632		74	1.1	15.5	70	37.7			
N811633		76	1.9	15.1	309	39.2			
N811634		62	3.6	11.0	>10000	28.7			1.720
N811635		2	0.1	0.8	48	<0.5			
N811636		75	3.0	14.6	186	31.4			
N811637		81	1.6	15.4	74	39.6			
N811638		76	2.0	15.1	69	37.5			
N811639		87	1.0	16.3	57	32.6			
N811640		52	2.0	12.6	43	53.6			
N811641		41	1.9	11.3	75	52.2			
N811642		41	2.5	11.1	522	60.1			
N811643		41	2.2	12.1	69	79.2			
N811644		42	1.4	11.1	77	67.3			
N811645		43	1.1	11.3	73	72.4			
N811646		52	4.3	8.5	>10000	30.7	118		1.615
N811647		44	1.5	10.9	86	85.3			
N811648		43	2.2	10.5	94	85.1			
N811649		36	2.7	7.5	6330	27.5		1.565	
N811650		2	0.1	0.9	23	0.6			
N811651		71	2.1	14.2	89	37.5			
N811652		72	2.0	14.0	166	35.8			
N811653		73	1.7	12.4	80	41.8			
N811654		76	2.1	12.6	110	42.0			
N811655		76	2.6	13.4	46	46.0			
N811656		82	2.0	16.7	53	46.6			
N811657		70	1.7	17.1	37	49.7			
N811658		74	1.8	16.8	38	51.4			
N811659		72	2.9	17.1	39	49.1			
N811660		75	3.6	15.4	47	39.2			



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12187922**

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P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 28-AUG-2012  
Account: ROCKHA

Project: Klaza - 99

**CERTIFICATE OF ANALYSIS WH12187922**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355132		3.66	<0.005	0.07	7.90	4.9	2050	1.44	0.12	2.33	0.07	54.7	8.6	13	11.75	15.7
M355133		3.51	<0.005	1.10	6.79	8.0	2960	1.29	0.21	3.43	0.11	42.0	5.4	12	18.95	8.1
M355134		2.69	<0.005	0.07	7.57	8.2	1460	1.80	0.31	2.99	0.07	50.4	5.5	14	17.15	3.9
M355135		<0.02	<0.005	0.88	7.45	6.8	1430	1.57	0.36	3.00	0.07	51.3	5.2	14	16.00	3.5
M355136		6.27	<0.005	0.08	7.65	13.8	1610	1.55	0.82	3.23	0.06	41.5	6.7	16	15.05	4.9
M355137		2.45	<0.005	0.62	7.31	13.3	1360	1.56	0.26	2.40	0.04	39.7	11.2	13	19.00	4.3
M355138		3.70	<0.005	0.04	7.38	6.8	1800	1.25	0.09	1.75	0.07	33.5	6.5	11	17.20	5.7
M355139		3.18	0.073	1.40	7.64	29.0	2150	1.77	5.56	1.79	0.13	55.7	10.8	11	34.0	24.7
M355140		0.26	0.760	10.05	6.69	1980	370	1.64	5.54	1.92	45.4	40.7	17.5	22	15.90	116.5
M355141		3.60	<0.005	0.19	8.14	11.5	1710	1.44	0.13	1.67	0.17	46.1	7.4	11	16.65	137.5
M355142		2.35	<0.005	0.70	7.98	6.1	1940	1.41	0.24	2.44	0.15	52.0	7.5	15	13.00	118.5
M355143		4.85	<0.005	0.18	7.73	6.0	2200	1.39	0.15	2.80	0.10	45.8	9.8	17	8.66	101.0
M355144		2.56	<0.005	0.58	8.15	8.3	2200	1.40	0.31	2.75	0.10	57.2	10.5	16	8.88	143.0
M355145		7.07	<0.005	0.24	7.92	6.6	2230	1.51	0.33	2.97	0.04	55.2	8.6	24	7.62	31.0
M355146		6.99	<0.005	0.38	7.41	5.7	2320	1.43	0.15	2.69	0.06	48.5	7.9	16	6.36	66.8
M355147		8.16	<0.005	0.22	7.75	6.1	2430	1.59	0.30	2.67	0.07	50.6	7.9	17	8.34	171.5
M355148		7.71	<0.005	0.31	7.38	4.6	2360	1.43	0.19	2.62	0.11	43.8	7.8	15	8.78	234
M355149		4.31	<0.005	0.33	8.01	4.8	2370	1.64	0.17	2.78	0.08	59.0	8.8	14	11.95	95.0
M355150		6.80	<0.005	0.12	8.47	12.2	1850	1.45	0.13	0.98	0.20	45.0	8.3	10	16.85	65.7
M355151		2.49	<0.005	0.75	7.91	93.3	1980	1.77	0.16	4.19	2.88	47.9	11.6	11	26.3	347
M355152		3.54	<0.005	0.04	0.09	<5	20	0.06	0.02	21.5	0.07	1.33	0.6	1	0.19	2.5
M355153		2.76	<0.005	0.51	7.34	34.6	2840	1.48	0.18	2.35	0.33	39.1	7.9	9	21.4	445
M355154		0.26	0.767	10.45	6.58	1955	320	1.58	5.52	1.92	46.0	38.5	17.6	22	15.95	117.0
M355155		5.61	<0.005	0.52	7.58	28.2	1700	1.63	0.26	2.85	1.61	43.3	8.7	14	22.2	146.5
M355156		1.95	<0.005	0.09	7.01	17.3	2340	1.58	0.15	2.97	0.13	47.5	7.0	8	22.9	25.6
M355157		6.27	<0.005	0.19	7.72	39.6	1780	1.51	0.26	3.03	0.28	47.0	9.6	13	19.45	13.0
M355158		4.05	<0.005	0.08	7.07	8.4	1940	1.25	0.13	3.84	0.08	34.9	10.1	10	16.95	6.2
M355159		6.44	<0.005	0.17	8.01	2.3	2260	1.31	0.11	2.70	0.05	44.9	9.6	10	11.80	107.0
M355160		4.21	<0.005	0.16	8.19	2.2	2300	1.27	0.13	2.69	0.07	42.7	8.8	10	11.65	88.4
M355161		6.10	<0.005	0.10	7.60	15.6	1630	1.23	0.08	2.63	0.09	38.6	8.1	9	15.25	20.8
M355162		2.56	0.033	0.15	8.82	14.1	1050	1.42	1.07	2.68	0.04	50.6	34.0	8	5.74	3.3
M355163		4.21	<0.005	0.02	0.20	<5	40	0.08	0.03	22.2	0.06	1.43	1.7	3	1.26	3.3
M355164		2.60	<0.005	0.43	9.24	16.4	570	1.53	1.85	3.96	0.22	49.2	8.6	14	7.47	3.6
M355165		3.66	<0.005	0.09	7.83	6.1	1140	1.23	0.33	2.65	0.08	39.4	3.3	8	8.79	5.8
M355166		2.69	<0.005	0.08	8.74	6.9	1350	1.48	0.61	3.07	0.07	48.1	3.0	9	11.55	3.2
M355167		4.68	<0.005	0.08	7.90	8.0	1780	1.31	0.25	2.58	0.73	37.0	4.6	9	12.65	13.9



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Plus Appendix Pages  
Finalized Date: 28-AUG-2012  
Account: ROCKHA

Project: Klaza - 99

**CERTIFICATE OF ANALYSIS WH12187922**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355132		3.21	16.80	0.09	1.4	0.032	2.74	26.7	21.2	0.78	569	0.87	1.67	8.4	3.1	640
M355133		2.70	15.95	0.08	1.5	0.050	2.23	19.0	22.3	0.39	694	0.32	1.03	7.9	2.9	540
M355134		3.16	16.30	0.08	1.3	0.067	1.81	24.4	16.6	0.77	689	0.29	2.15	8.0	3.0	580
M355135		3.17	14.85	0.09	1.4	0.064	1.76	23.0	15.3	0.77	698	0.30	2.16	7.4	2.9	590
M355136		3.80	16.90	0.09	1.2	0.117	1.91	18.6	16.5	0.70	826	0.24	2.01	7.6	2.7	590
M355137		3.18	15.90	0.08	1.1	0.086	2.35	18.0	21.3	0.57	701	0.30	1.29	7.7	2.8	590
M355138		2.82	17.00	0.06	1.3	0.041	2.61	15.3	33.7	0.40	534	0.31	0.47	7.8	2.5	610
M355139		3.94	19.20	0.11	1.3	0.155	2.34	27.0	37.5	0.69	914	0.42	0.06	7.9	3.2	620
M355140		5.42	15.75	0.09	1.3	0.900	2.87	18.6	28.3	0.69	2080	12.40	0.27	7.5	16.5	510
M355141		3.29	16.30	0.08	1.6	0.047	2.60	21.0	42.5	0.63	657	2.05	0.46	8.0	2.7	710
M355142		3.26	16.25	0.09	1.4	0.047	2.77	26.5	17.8	0.74	603	0.57	2.01	7.8	2.9	590
M355143		3.50	16.35	0.09	1.2	0.039	2.56	22.2	17.8	1.03	692	0.64	2.23	7.7	3.5	660
M355144		3.65	16.50	0.09	1.3	0.046	2.60	29.1	18.1	1.04	676	0.63	2.26	7.6	3.3	660
M355145		3.66	16.55	0.09	1.2	0.063	2.28	26.3	19.0	1.05	697	2.63	2.27	7.6	4.3	720
M355146		3.08	15.70	0.11	1.3	0.036	2.23	21.8	14.6	0.96	601	11.45	2.35	7.7	3.3	640
M355147		2.99	16.45	0.08	1.4	0.042	2.38	26.6	17.5	1.00	560	9.92	2.38	8.1	3.1	660
M355148		2.94	15.70	0.08	1.5	0.039	2.41	20.2	16.3	0.94	537	5.97	2.26	7.9	2.9	630
M355149		3.54	17.05	0.10	1.7	0.046	2.47	26.7	23.8	0.94	601	5.21	2.12	9.0	3.4	720
M355150		3.75	17.00	0.10	2.1	0.039	2.43	20.3	38.9	0.52	822	2.14	0.17	9.6	2.8	760
M355151		3.59	15.55	0.10	1.6	0.072	2.49	24.3	31.0	1.44	2140	2.48	0.08	7.9	4.2	710
M355152		0.48	0.24	0.07	<0.1	<0.005	0.04	0.6	1.0	13.25	216	0.13	0.01	0.3	1.7	180
M355153		3.43	15.75	0.10	1.5	0.055	2.12	16.6	35.5	0.79	931	5.59	0.07	8.1	2.8	710
M355154		5.41	15.35	0.08	1.4	0.935	2.86	17.0	26.4	0.69	2080	12.85	0.27	7.6	16.7	520
M355155		3.09	15.85	0.10	1.8	0.041	2.59	19.4	23.9	0.79	1190	1.18	0.97	8.0	3.1	600
M355156		2.73	15.20	0.07	2.0	0.030	1.99	21.0	29.9	0.73	713	1.07	0.40	8.7	2.9	650
M355157		3.40	17.10	0.09	1.7	0.047	1.66	21.8	17.3	0.97	707	0.76	2.27	8.5	3.6	710
M355158		3.40	17.05	0.13	1.4	0.042	2.13	17.5	12.9	1.05	841	0.52	1.68	8.1	3.5	730
M355159		3.23	17.10	0.14	1.4	0.041	2.45	23.0	14.7	0.97	524	9.75	2.22	8.8	3.5	720
M355160		3.35	17.05	0.15	1.3	0.038	2.69	22.1	15.4	0.96	513	11.65	2.15	8.5	3.3	670
M355161		2.98	17.10	0.13	1.4	0.039	2.39	19.1	29.1	0.70	602	3.51	0.37	8.4	3.1	700
M355162		7.00	17.70	0.22	1.4	0.212	1.63	25.5	15.6	0.90	1320	0.21	2.84	8.7	3.6	800
M355163		0.52	0.56	0.09	<0.1	0.005	0.11	0.7	1.9	13.70	231	0.16	0.01	0.5	4.5	240
M355164		8.14	24.1	0.25	1.4	0.436	1.62	24.1	32.7	1.23	2180	0.12	0.11	9.7	4.3	850
M355165		3.68	18.60	0.14	1.3	0.124	1.90	19.4	30.0	0.77	749	0.36	0.08	8.9	3.4	680
M355166		5.23	20.4	0.18	1.4	0.254	1.85	24.0	20.2	1.26	1000	0.35	1.67	9.1	3.8	820
M355167		3.83	17.40	0.13	1.4	0.108	2.49	18.4	23.0	0.75	737	0.35	0.86	9.0	3.0	680





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Project: Klaza - 99

**CERTIFICATE OF ANALYSIS WH12187922**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355132		13.6	92.8	<0.002	0.01	3.66	11.8	<1	2.1	332	0.66	<0.05	15.8	0.290	1.33	3.7
M355133		27.0	80.0	<0.002	0.05	25.1	9.5	1	2.0	252	0.66	<0.05	11.6	0.250	1.26	4.7
M355134		12.8	75.6	<0.002	0.03	3.43	12.0	1	2.1	374	0.58	<0.05	14.8	0.263	1.09	4.5
M355135		23.6	68.8	<0.002	0.04	13.95	10.8	1	2.0	369	0.58	<0.05	14.4	0.266	1.07	4.2
M355136		12.4	73.1	<0.002	0.26	6.95	10.5	<1	2.3	379	0.57	<0.05	12.2	0.264	1.26	4.1
M355137		17.3	87.9	<0.002	0.14	11.95	10.5	<1	2.2	223	0.56	<0.05	11.1	0.261	1.46	3.2
M355138		14.3	84.0	0.004	0.02	9.75	10.5	<1	2.0	125.0	0.53	<0.05	10.0	0.271	1.34	2.4
M355139		16.4	100.5	<0.002	0.39	21.6	12.4	<1	3.1	101.5	0.58	<0.05	14.0	0.278	2.06	4.6
M355140		1375	137.5	<0.002	3.27	35.2	8.9	<1	5.9	154.5	0.55	0.33	9.5	0.218	2.65	4.6
M355141		14.9	87.6	<0.002	0.04	9.84	11.3	<1	2.0	120.5	0.61	<0.05	14.3	0.297	1.49	3.7
M355142		20.8	111.5	<0.002	0.05	11.05	12.1	1	2.0	347	0.59	<0.05	15.6	0.275	1.28	4.2
M355143		12.7	89.8	<0.002	0.06	1.53	12.5	1	2.1	432	0.50	<0.05	10.5	0.287	1.27	3.1
M355144		17.1	105.5	<0.002	0.16	6.32	12.9	1	2.3	438	0.51	<0.05	13.4	0.290	1.26	3.5
M355145		11.4	81.3	<0.002	0.03	2.03	12.4	1	2.5	470	0.53	<0.05	10.9	0.290	1.03	3.1
M355146		13.5	81.9	<0.002	0.02	4.71	10.9	<1	2.0	464	0.55	<0.05	10.3	0.282	1.14	2.8
M355147		11.0	97.6	<0.002	0.02	1.20	11.3	1	1.9	463	0.58	<0.05	12.1	0.290	1.33	3.2
M355148		11.3	88.5	<0.002	0.02	1.41	10.9	1	1.9	428	0.59	<0.05	11.3	0.281	1.24	3.3
M355149		13.4	84.6	<0.002	0.01	4.70	12.5	1	2.0	428	0.65	<0.05	12.3	0.324	1.24	4.2
M355150		11.7	106.0	0.003	0.02	32.9	14.0	1	1.9	92.3	0.91	<0.05	14.1	0.330	1.30	3.9
M355151		81.1	108.5	<0.002	0.25	70.2	13.0	1	1.9	167.5	0.62	<0.05	11.7	0.300	2.10	7.1
M355152		1.6	1.3	0.002	0.01	0.56	0.2	<1	<0.2	48.6	<0.05	<0.05	<0.2	0.005	0.03	0.5
M355153		12.5	66.5	0.002	0.13	63.8	12.1	2	2.1	129.5	0.72	<0.05	9.5	0.310	1.50	3.6
M355154		1370	138.0	<0.002	3.27	35.3	8.9	<1	6.2	154.5	0.56	0.32	9.2	0.216	2.53	4.9
M355155		29.2	97.2	<0.002	0.10	18.55	10.8	1	1.8	246	0.67	<0.05	12.8	0.270	1.63	5.0
M355156		11.8	73.3	<0.002	0.11	13.40	10.0	1	1.5	180.0	0.90	<0.05	18.0	0.246	1.31	6.5
M355157		22.1	62.1	<0.002	0.05	7.34	13.3	1	2.1	394	0.65	<0.05	12.3	0.318	1.01	4.2
M355158		13.4	73.5	<0.002	0.05	3.95	11.2	1	1.9	314	0.63	<0.05	9.5	0.310	1.37	3.6
M355159		13.0	106.5	<0.002	0.01	3.74	11.9	2	1.9	416	0.72	<0.05	12.9	0.314	1.12	2.8
M355160		12.5	114.5	0.003	0.01	3.42	11.2	2	1.8	401	0.70	<0.05	12.9	0.302	1.18	2.9
M355161		12.3	79.6	<0.002	0.08	14.15	10.2	1	2.0	167.5	0.74	<0.05	11.8	0.292	1.54	3.2
M355162		7.2	69.0	<0.002	2.30	3.72	12.6	2	2.9	234	0.72	0.12	15.9	0.297	1.02	3.0
M355163		1.8	9.1	<0.002	0.02	0.18	0.6	1	<0.2	42.5	<0.05	<0.05	0.2	0.010	0.05	0.6
M355164		16.8	56.3	<0.002	1.88	12.65	14.2	2	5.5	149.5	0.80	0.17	13.1	0.359	1.32	4.4
M355165		9.8	67.4	<0.002	0.02	11.20	10.9	1	2.3	100.0	0.77	<0.05	12.3	0.296	1.34	2.2
M355166		10.8	74.7	<0.002	0.02	5.47	13.7	1	3.2	315	0.76	<0.05	13.4	0.351	1.19	3.8
M355167		11.2	90.8	<0.002	0.03	9.62	10.5	1	2.3	231	0.79	<0.05	12.5	0.295	1.42	3.1



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Project: Klaza - 99

**CERTIFICATE OF ANALYSIS WH12187922**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M355132		84	1.3	17.1	42	36.1
M355133		69	2.0	14.1	44	35.5
M355134		70	1.6	16.6	39	33.2
M355135		70	1.6	15.1	43	32.2
M355136		81	1.9	14.5	44	29.1
M355137		71	1.9	12.6	42	29.0
M355138		78	2.0	12.1	37	33.4
M355139		96	3.9	16.3	60	30.9
M355140		60	5.1	10.9	3220	38.6
M355141		85	3.3	14.7	53	41.0
M355142		79	1.1	16.0	46	35.0
M355143		88	1.2	16.8	45	31.8
M355144		87	1.6	17.7	47	33.7
M355145		86	3.0	17.5	42	31.3
M355146		78	1.0	15.2	39	32.4
M355147		80	1.9	15.9	39	38.3
M355148		79	1.6	15.2	38	42.8
M355149		91	2.8	18.1	47	47.8
M355150		93	14.7	16.9	66	54.1
M355151		90	11.3	18.3	369	43.5
M355152		2	0.1	0.8	12	<0.5
M355153		98	21.7	15.5	89	41.9
M355154		59	5.2	10.9	3190	40.3
M355155		73	6.4	15.6	189	51.8
M355156		76	3.3	16.8	44	52.3
M355157		94	12.0	16.9	56	46.2
M355158		98	2.9	15.8	45	43.3
M355159		90	11.3	17.0	40	41.1
M355160		83	4.5	16.5	38	40.6
M355161		82	5.0	15.1	37	41.5
M355162		86	7.4	15.3	62	42.9
M355163		4	0.1	1.0	11	0.7
M355164		121	8.1	21.4	116	38.9
M355165		83	4.2	15.0	50	37.4
M355166		113	3.5	18.2	64	38.0
M355167		83	3.5	14.9	130	39.4



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**CERTIFICATE OF ANALYSIS WH12187922**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12187923**

Project: Klaza - 99

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12187923**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355168		3.85	0.009	0.13	7.61	12.3	1800	1.18	0.70	4.26	0.15	33.8	5.7	8	13.30	2.4
M355169		5.40	<0.005	0.11	8.02	12.4	2750	1.27	0.40	2.86	0.23	42.0	21.7	11	13.10	6.0
M355170		2.53	<0.005	0.05	7.75	7.6	2910	1.32	0.18	2.82	0.09	40.0	6.2	12	15.25	2.7
M355171		3.02	<0.005	0.08	8.00	13.8	2650	1.36	0.24	2.87	0.11	46.2	12.6	10	8.55	6.6
M355172		3.34	<0.005	0.09	8.31	6.3	2430	1.45	0.23	2.39	0.15	40.2	6.5	11	9.94	15.9
M355173		2.22	<0.005	0.09	10.00	9.7	1830	1.68	0.71	1.89	0.09	37.5	16.0	11	15.35	5.0
M355174		4.25	0.507	0.84	8.49	44.3	440	1.00	3.91	4.22	0.14	31.7	54.0	8	19.40	2.8
M355175		3.40	<0.005	0.01	0.12	<5	260	0.06	0.02	22.5	0.06	1.78	1.3	<1	0.23	2.0
M355176		3.36	0.141	0.28	8.17	38.9	410	1.26	1.72	3.32	0.11	42.4	45.9	7	13.55	4.8
M355177		5.64	0.013	0.08	7.63	8.1	2020	1.37	0.45	3.10	0.09	36.2	7.3	9	11.25	11.3
M355178		2.78	0.014	0.29	7.11	19.9	1270	1.13	1.41	2.74	0.10	40.9	23.0	9	13.25	7.8
M355179		3.66	<0.005	0.10	7.56	10.6	1960	1.22	0.37	2.64	0.09	44.7	9.5	9	11.35	7.3
M355180		1.58	<0.005	0.07	7.39	6.8	2010	1.32	0.25	2.81	0.08	41.5	4.6	9	12.95	11.6
M355181		3.27	<0.005	0.06	7.60	3.0	2030	1.34	0.09	2.81	0.06	44.1	7.6	13	6.71	10.5
M355182		0.26	0.815	9.52	7.34	1905	1610	1.20	6.37	2.04	43.1	41.9	17.2	19	15.10	113.5
M355183		7.29	<0.005	0.07	7.67	4.9	2050	1.39	0.16	2.90	0.09	44.5	7.8	13	9.08	15.6
M355184		6.84	<0.005	0.18	8.05	3.5	2050	1.46	0.19	2.86	0.08	47.3	7.2	11	8.08	51.9
M355185		7.08	<0.005	0.08	7.75	7.9	1950	1.30	0.18	2.87	0.07	49.8	6.3	11	10.45	11.5
M355186		<0.02	<0.005	0.08	7.53	7.7	1920	1.24	0.19	2.80	0.06	48.3	6.5	12	9.75	10.8
M355187		4.61	<0.005	0.08	8.19	8.6	1950	1.27	0.15	2.94	0.09	45.5	6.8	11	14.50	9.2
M355188		2.54	0.007	0.63	7.14	44.8	1920	1.23	0.17	3.63	0.91	36.4	7.4	7	22.2	14.6
M355189		5.86	<0.005	0.25	6.97	14.9	1590	1.31	0.16	3.29	0.11	30.5	6.3	8	23.5	18.3
M355190		2.96	<0.005	0.08	7.39	6.4	1830	1.38	0.21	2.98	0.07	35.2	8.9	12	14.65	5.3
M355191		5.22	<0.005	0.05	7.47	3.3	1970	1.32	0.14	2.82	0.08	35.6	8.3	12	10.30	9.9
M355192		5.89	<0.005	0.17	7.43	5.8	1660	1.58	0.29	2.73	0.08	41.7	7.6	11	15.20	27.8
M355193		2.48	<0.005	0.08	7.77	13.3	1620	1.67	0.36	2.48	0.11	40.1	10.1	9	21.6	7.0
M355194		5.82	<0.005	1.52	7.43	6.0	1770	1.44	0.16	2.83	0.07	43.1	7.4	11	11.65	13.5
M355195		0.26	4.22	>100	5.27	6540	1260	1.17	62.1	1.91	216	35.8	9.2	17	10.55	1200
M355196		5.42	<0.005	0.12	7.53	6.8	1900	1.41	0.16	2.57	0.13	42.0	6.8	12	9.64	25.5
M355197		3.39	<0.005	0.13	6.88	7.7	1580	1.35	0.13	1.95	0.09	68.3	3.6	11	8.61	29.2
M355198		3.52	<0.005	0.23	6.62	22.3	1390	1.35	0.23	2.44	0.07	40.6	5.1	9	15.25	74.4
M355199		2.19	0.157	16.50	6.81	727	1270	1.58	2.76	3.33	13.10	45.7	9.1	7	21.6	141.5
M355200		3.93	<0.005	0.23	0.06	<5	20	<0.05	0.03	19.85	0.07	1.09	0.6	2	0.13	4.1
M355201		2.85	0.012	0.80	7.56	62.2	950	2.06	0.20	3.99	0.49	61.2	5.9	13	15.15	10.2
M355202		5.77	<0.005	0.31	7.65	12.7	1880	1.61	0.16	2.94	1.44	69.4	5.6	13	12.75	9.6
M355203		7.45	<0.005	0.10	7.46	9.9	1430	1.63	0.09	3.79	0.73	71.8	4.4	12	14.00	4.3



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**CERTIFICATE OF ANALYSIS WH12187923**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355168		3.87	12.70	0.15	1.0	0.151	2.87	18.4	22.7	0.99	1320	0.27	0.14	7.8	2.7	590
M355169		4.40	18.05	0.17	1.3	0.155	2.99	20.8	18.4	0.79	748	0.43	0.97	8.9	3.7	800
M355170		3.56	16.90	0.15	1.2	0.152	3.42	20.3	8.9	0.73	714	0.41	1.26	8.3	3.2	630
M355171		3.92	16.80	0.16	1.3	0.120	3.15	24.2	7.6	0.81	668	0.57	1.95	8.4	2.9	640
M355172		4.00	18.50	0.16	1.5	0.084	2.74	20.6	13.5	0.98	549	0.42	1.87	9.1	3.2	690
M355173		7.50	22.3	0.22	1.7	0.223	2.11	17.7	27.3	0.91	1300	0.31	1.89	11.3	3.8	940
M355174		8.70	20.6	0.25	1.3	0.306	2.82	15.9	27.7	0.94	2370	0.15	1.17	9.9	2.5	720
M355175		0.51	0.36	0.10	<0.1	<0.005	0.04	0.9	1.0	13.80	217	0.13	0.01	0.5	2.9	220
M355176		6.68	15.65	0.23	1.4	0.158	3.07	21.3	33.1	0.94	1740	0.22	0.92	10.6	2.7	710
M355177		3.62	17.00	0.13	1.3	0.087	2.45	17.7	10.9	0.86	751	0.44	2.07	8.4	3.0	640
M355178		5.19	15.10	0.18	1.2	0.144	2.56	22.8	16.9	0.87	1340	0.27	1.17	7.0	3.1	540
M355179		3.64	16.20	0.15	1.5	0.090	2.82	23.6	18.8	0.68	897	0.24	1.04	8.9	2.6	610
M355180		3.58	16.70	0.15	1.5	0.081	2.93	20.9	17.0	0.69	890	0.25	0.95	8.7	2.7	620
M355181		3.25	17.60	0.14	1.6	0.043	2.91	22.1	8.6	0.90	599	0.42	2.27	9.2	3.4	640
M355182		5.57	16.00	0.21	1.4	0.997	3.07	22.6	23.6	0.76	2100	12.45	0.28	7.9	16.7	540
M355183		3.01	16.95	0.14	1.5	0.039	2.86	22.4	9.5	0.84	610	0.40	2.27	8.7	3.5	620
M355184		3.16	17.20	0.16	1.6	0.050	2.97	24.7	11.8	0.94	648	0.79	2.17	8.4	3.0	650
M355185		3.03	16.75	0.15	1.6	0.058	2.90	26.1	10.1	0.83	606	0.41	2.07	8.2	3.2	620
M355186		2.95	16.65	0.14	1.5	0.059	2.81	24.3	9.8	0.80	587	0.37	2.05	8.0	3.0	620
M355187		3.05	17.60	0.15	1.6	0.051	2.90	23.4	14.5	0.83	593	0.37	1.90	8.8	3.0	660
M355188		3.09	15.85	0.14	1.3	0.076	2.75	19.2	24.6	1.07	1960	0.42	0.44	7.7	3.2	590
M355189		3.08	16.30	0.14	1.4	0.069	2.58	15.4	25.3	0.93	805	0.37	0.66	8.2	2.8	630
M355190		3.43	16.95	0.15	1.6	0.070	1.97	17.0	15.0	0.81	656	0.45	2.34	8.5	4.0	640
M355191		3.12	17.05	0.14	1.7	0.049	2.46	17.2	14.3	0.92	619	0.37	2.56	8.9	3.3	650
M355192		3.02	16.90	0.13	1.3	0.044	2.05	20.5	17.6	0.89	557	0.30	2.28	8.2	3.0	600
M355193		2.72	18.25	0.17	1.1	0.121	2.19	19.5	32.0	0.88	573	0.48	0.66	8.7	2.7	670
M355194		2.99	16.15	0.15	1.3	0.054	2.34	21.4	13.9	0.89	567	0.55	2.33	8.0	3.3	610
M355195		7.86	13.20	0.15	0.9	4.55	2.21	18.2	29.8	0.62	2930	14.95	0.09	5.4	13.6	420
M355196		3.09	16.30	0.16	1.2	0.057	2.60	20.9	13.7	0.95	567	0.96	2.27	8.4	2.7	620
M355197		1.80	13.30	0.15	1.2	0.052	3.44	39.8	10.7	0.46	320	3.79	1.86	6.1	1.9	330
M355198		2.33	14.60	0.14	1.3	0.056	2.77	21.0	15.9	0.61	476	1.66	1.06	6.8	2.3	430
M355199		3.51	15.05	0.14	1.2	0.286	2.46	24.4	30.7	1.12	1110	1.25	0.06	6.9	2.9	530
M355200		0.45	0.17	0.14	<0.1	0.005	0.02	0.5	0.9	12.35	197	0.13	0.01	0.1	1.9	160
M355201		2.21	17.50	0.22	2.8	0.034	1.89	32.0	65.9	1.40	1100	1.33	0.04	10.5	4.4	940
M355202		2.48	18.35	0.20	2.3	0.049	1.33	37.9	153.0	1.06	547	1.46	0.05	11.4	3.2	860
M355203		2.46	17.00	0.20	2.1	0.036	1.08	40.4	137.5	1.16	675	1.27	0.04	10.6	2.8	840



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Project: Klaza - 99

**CERTIFICATE OF ANALYSIS WH12187923**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355168		7.5	129.5	<0.002	0.33	7.07	8.5	1	2.9	147.5	0.56	<0.05	13.5	0.260	1.93	3.8
M355169		13.8	107.0	<0.002	0.18	7.17	12.5	1	2.8	237	0.71	<0.05	11.5	0.319	1.47	2.9
M355170		11.8	127.0	<0.002	0.05	3.15	10.5	1	2.3	280	0.71	<0.05	12.5	0.284	1.66	3.3
M355171		13.1	133.0	<0.002	0.11	2.29	10.8	1	2.3	363	0.77	<0.05	15.9	0.286	1.54	4.2
M355172		15.8	102.5	<0.002	0.02	3.49	11.3	1	2.3	363	0.80	<0.05	14.2	0.293	1.22	4.5
M355173		14.5	74.2	<0.002	0.15	6.59	13.3	1	3.3	184.5	1.02	<0.05	15.7	0.370	1.33	4.1
M355174		13.8	109.0	<0.002	4.02	9.56	10.4	2	3.7	181.0	0.74	0.15	10.7	0.307	2.42	4.8
M355175		1.4	2.0	<0.002	0.03	0.05	0.3	2	<0.2	56.4	<0.05	<0.05	0.2	<0.005	0.02	0.6
M355176		9.1	145.5	<0.002	3.19	4.84	10.8	2	2.2	141.5	0.89	0.11	13.5	0.286	2.52	4.0
M355177		14.3	87.6	<0.002	0.13	3.09	9.9	1	2.8	376	0.67	<0.05	12.1	0.278	1.38	3.6
M355178		11.3	116.0	<0.002	1.33	3.32	9.4	1	3.0	197.0	0.61	0.12	16.3	0.217	1.56	5.6
M355179		13.1	119.5	<0.002	0.29	6.04	10.5	1	2.6	182.0	0.82	<0.05	15.8	0.266	1.51	5.4
M355180		15.1	111.0	<0.002	0.06	5.78	10.4	1	2.8	214	0.82	<0.05	13.8	0.267	1.50	4.8
M355181		13.3	105.0	<0.002	0.01	0.94	10.7	1	2.2	391	0.84	<0.05	14.5	0.279	1.18	4.7
M355182		1390	178.0	<0.002	3.40	34.2	8.9	2	6.2	161.5	0.69	0.27	13.4	0.225	2.61	5.6
M355183		15.6	104.0	<0.002	0.03	1.47	10.7	1	1.9	382	0.80	<0.05	15.4	0.274	1.22	4.8
M355184		15.8	124.5	<0.002	0.02	1.79	12.2	1	1.9	386	0.76	<0.05	17.0	0.286	1.26	3.9
M355185		15.0	117.5	<0.002	0.04	2.15	11.2	1	1.8	349	0.70	<0.05	15.5	0.277	1.35	3.9
M355186		15.0	111.0	<0.002	0.04	2.07	10.9	1	1.8	344	0.70	<0.05	15.4	0.264	1.33	3.7
M355187		14.1	119.0	<0.002	0.05	3.85	12.4	1	1.9	366	0.81	<0.05	14.4	0.294	1.36	4.9
M355188		109.0	134.5	<0.002	0.59	13.40	10.7	1	2.0	177.0	0.67	<0.05	12.9	0.262	2.13	5.2
M355189		12.0	90.9	<0.002	0.13	9.98	10.6	1	2.0	205	0.72	<0.05	10.4	0.275	1.80	3.4
M355190		11.9	82.4	<0.002	0.04	3.17	11.1	1	2.1	396	0.78	<0.05	11.8	0.289	1.18	4.0
M355191		13.1	92.6	<0.002	0.01	2.04	11.2	1	1.9	424	0.81	<0.05	12.5	0.281	1.15	4.3
M355192		12.6	83.5	<0.002	0.01	5.56	11.0	1	1.9	403	0.60	<0.05	12.6	0.274	1.17	3.8
M355193		11.9	93.0	<0.002	0.12	9.45	11.9	<1	2.5	198.5	0.61	<0.05	12.2	0.286	1.52	3.6
M355194		12.6	98.3	<0.002	0.01	2.21	10.7	1	2.0	410	0.61	<0.05	13.1	0.275	1.22	3.9
M355195		9180	123.5	<0.002	7.00	214	6.9	1	8.4	120.0	0.41	0.52	8.9	0.176	2.18	5.0
M355196		14.4	118.0	<0.002	0.01	1.36	10.8	1	1.9	406	0.67	0.05	10.9	0.272	1.24	3.7
M355197		15.9	135.0	<0.002	0.01	1.43	6.5	<1	1.2	249	0.75	0.05	22.9	0.156	1.35	6.4
M355198		13.3	108.5	<0.002	0.09	9.70	7.4	1	1.7	211	0.69	<0.05	13.7	0.200	1.75	4.4
M355199		1845	105.0	<0.002	1.16	41.8	9.1	1	3.1	176.0	0.60	0.28	12.6	0.227	1.96	5.4
M355200		2.8	0.9	<0.002	0.01	0.11	0.1	<1	<0.2	45.4	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M355201		31.4	80.7	<0.002	0.36	7.14	6.1	1	1.8	346	0.72	<0.05	10.0	0.278	2.37	4.8
M355202		32.5	52.7	<0.002	0.11	4.12	6.0	<1	1.6	339	0.76	<0.05	10.5	0.253	1.37	4.7
M355203		21.4	53.7	<0.002	0.08	4.47	5.7	1	1.3	320	0.69	<0.05	11.0	0.249	1.03	4.8



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 Plus Appendix Pages  
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 Account: ROCKHA

Project: Klaza - 99

**CERTIFICATE OF ANALYSIS WH12187923**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M355168		61	3.6	13.7	59	34.2		
M355169		101	4.4	16.7	75	39.6		
M355170		78	2.5	15.6	45	37.6		
M355171		80	4.9	16.3	44	37.2		
M355172		85	2.5	16.2	58	42.3		
M355173		100	8.1	15.4	77	47.1		
M355174		107	13.2	15.6	62	36.9		
M355175		3	0.2	1.1	13	0.7		
M355176		74	11.4	13.1	61	42.2		
M355177		78	2.2	15.0	50	41.9		
M355178		68	3.3	15.3	59	36.4		
M355179		72	3.4	15.6	43	42.2		
M355180		77	2.9	15.8	48	42.6		
M355181		78	1.4	16.9	40	48.5		
M355182		61	5.3	12.6	3220	40.2		
M355183		78	1.3	16.8	44	46.1		
M355184		82	1.7	18.0	42	48.4		
M355185		74	1.7	16.6	37	48.2		
M355186		74	1.7	16.0	36	44.7		
M355187		82	1.8	17.6	41	44.4		
M355188		74	3.2	16.3	119	36.9		
M355189		80	3.8	15.4	49	40.2		
M355190		83	2.0	16.0	40	42.8		
M355191		79	1.5	17.0	40	45.4		
M355192		76	1.6	15.9	42	40.5		
M355193		76	3.7	14.9	49	37.1		
M355194		77	7.2	16.2	41	37.6		
M355195		50	4.4	9.0	>10000	31.6	116	1.620
M355196		75	5.4	17.1	49	35.8		
M355197		40	54.5	11.0	27	33.9		
M355198		54	31.4	11.3	34	35.5		
M355199		67	10.1	13.8	1050	35.8		
M355200		1	0.1	0.7	15	<0.5		
M355201		55	3.9	12.4	93	103.0		
M355202		51	2.0	12.9	134	79.7		
M355203		48	2.7	12.6	109	76.3		





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**CERTIFICATE OF ANALYSIS WH12187923**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12187924**

Project: Klaza - 100

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

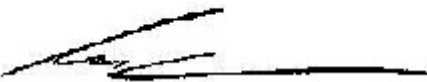
ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12187924**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811523		2.72	0.008	1.09	7.38	40.5	3130	2.04	0.81	2.62	1.89	73.8	7.9	18	33.3	29.6
N811524		8.05	0.008	0.62	7.54	27.2	1560	1.82	0.32	2.70	1.14	59.0	7.0	19	29.7	13.0
N811525		5.53	<0.005	0.18	7.62	17.4	1940	2.30	0.20	3.05	0.35	70.6	5.1	16	34.0	3.5
N811526		0.26	4.51	>100	5.45	7510	1300	1.32	63.7	1.88	212	35.4	9.4	20	11.45	1165
N811527		3.12	<0.005	0.83	7.15	47.4	1410	1.91	0.25	2.78	0.42	53.5	7.4	70	34.1	13.9
N811528		2.66	0.018	2.06	7.32	149.5	1410	2.23	0.79	3.97	7.29	29.7	25.3	298	33.2	41.5
N811529		2.96	0.447	61.4	6.70	321	530	1.21	6.13	0.75	94.4	44.5	13.7	35	11.25	493
N811530		3.97	<0.005	0.54	0.24	<5	40	0.21	0.06	20.2	0.31	1.58	1.2	7	1.10	4.6
N811531		5.67	0.025	0.96	6.65	140.0	1310	1.56	0.37	2.82	1.36	39.9	4.3	10	10.85	11.9
N811532		4.08	0.022	1.48	6.38	123.5	3000	1.38	0.55	3.44	3.96	43.5	3.9	10	11.50	33.9
N811533		5.48	0.005	0.36	6.99	11.3	1510	1.56	0.24	2.78	0.82	39.8	5.6	12	15.30	4.8
N811534		3.07	0.022	1.25	7.26	204	1500	1.59	0.53	2.77	3.58	50.8	6.0	13	12.85	10.9
N811535		3.48	<0.005	0.31	7.04	12.4	1790	1.51	0.25	2.70	0.52	37.3	4.9	11	13.60	10.1
N811536		2.54	<0.005	0.11	7.62	9.7	2080	1.63	0.16	2.52	0.11	45.2	6.8	11	9.08	9.3
N811537		4.11	<0.005	0.17	7.67	11.8	1970	1.54	0.22	2.47	0.22	51.3	5.4	11	7.28	15.9
N811538		2.93	0.014	0.17	7.17	11.9	1930	1.52	0.15	2.58	0.11	40.0	6.4	12	13.55	18.1
N811539		5.15	0.024	0.81	6.82	141.0	1610	1.40	0.58	3.24	3.56	39.5	6.5	11	16.35	12.1
N811540		2.21	0.007	0.76	7.39	64.2	3190	1.44	0.17	2.26	0.42	40.8	8.5	9	22.2	15.4
N811541		6.49	<0.005	0.19	7.45	7.4	1820	1.75	0.11	2.63	0.12	43.4	6.9	11	12.50	10.2
N811542		<0.02	<0.005	0.10	7.53	7.0	1830	1.56	0.11	2.65	0.12	42.1	6.5	11	12.50	8.3
N811543		2.36	<0.005	0.26	6.84	12.3	1510	1.60	0.16	2.40	1.28	39.5	6.0	8	17.50	7.3
N811544		4.59	<0.005	0.11	7.53	8.6	2000	1.63	0.18	2.83	0.09	44.8	5.1	12	9.49	5.9
N811545		1.97	<0.005	0.13	7.61	8.2	1960	1.46	0.21	3.07	0.08	43.8	5.3	10	9.26	8.8
N811546		2.09	0.045	0.94	6.60	389	1410	1.47	0.32	2.67	4.70	41.7	5.6	9	19.50	11.0
N811547		7.70	0.005	0.08	7.34	8.7	2060	1.51	0.11	2.68	0.08	43.5	6.2	12	9.96	6.1
N811548		4.24	0.011	0.11	7.66	10.8	2110	1.61	0.11	2.82	0.11	46.6	5.4	10	9.83	5.6
N811549		0.26	4.42	>100	5.51	7830	250	1.17	63.4	1.93	221	31.8	9.0	17	10.90	1200
N811550		4.73	<0.005	0.80	7.08	60.1	1720	1.42	0.43	3.08	1.46	36.8	6.5	11	12.70	11.0
N811551		2.51	0.010	2.36	7.56	325	1430	1.42	0.34	1.99	20.5	53.1	4.8	9	15.95	19.0
N811552		2.41	0.846	10.10	5.44	4230	290	1.03	4.27	4.23	64.7	49.7	5.1	5	8.19	122.5
N811553		3.67	<0.005	0.32	0.08	19	30	0.05	0.07	20.1	0.36	1.34	0.6	1	0.17	3.1
N811554		2.77	<0.005	0.54	7.18	33.2	1470	1.46	0.28	2.28	0.77	40.1	6.9	8	15.60	8.5
N811555		8.09	<0.005	0.34	7.18	15.3	1860	1.36	0.14	2.73	1.06	43.6	6.0	10	10.65	7.9
N811556		5.96	<0.005	0.13	7.53	10.4	2000	1.49	0.11	2.42	0.19	45.5	7.2	12	6.09	7.3
N811557		2.63	<0.005	0.13	7.32	10.1	1960	1.42	0.14	2.16	0.13	49.0	6.0	9	6.80	2.9
N811558		3.24	1.310	29.3	6.74	249	270	1.30	61.7	1.54	10.50	48.6	19.0	8	11.55	1265



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Account: ROCKHA

Project: Klaza - 100

**CERTIFICATE OF ANALYSIS WH12187924**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811523		2.76	19.10	0.12	2.3	0.180	2.48	35.4	49.4	0.96	1230	3.55	0.06	11.3	6.6	790
N811524		2.40	18.75	0.12	2.6	0.031	2.78	29.4	35.3	0.94	925	2.24	0.07	11.5	7.2	860
N811525		2.48	19.60	0.13	2.5	0.026	2.63	34.3	75.5	1.07	816	1.22	0.06	12.3	4.7	870
N811526		7.74	13.60	0.10	1.3	4.47	2.14	19.0	30.4	0.61	2890	14.80	0.07	5.5	13.9	430
N811527		2.48	17.50	0.11	2.4	0.032	2.31	26.3	72.4	0.98	1050	1.54	0.06	10.5	19.2	690
N811528		5.51	15.75	0.08	1.8	0.257	2.65	14.1	61.8	1.97	3170	2.48	0.06	5.6	89.1	560
N811529		7.14	15.05	0.10	1.1	1.660	2.81	23.6	13.8	0.69	3430	1.98	0.05	6.5	12.7	490
N811530		0.50	0.57	0.08	<0.1	<0.005	0.11	0.7	2.8	12.30	217	0.17	0.01	0.5	3.8	250
N811531		2.25	15.75	0.13	1.1	0.074	2.32	18.8	28.1	0.71	883	0.74	1.29	7.6	2.5	550
N811532		2.25	14.65	0.12	1.1	0.153	2.70	21.7	20.9	1.09	1320	0.50	0.08	6.6	3.7	510
N811533		2.45	16.25	0.12	1.1	0.050	2.55	18.3	28.9	0.69	763	0.93	1.57	7.3	2.9	560
N811534		2.82	16.10	0.14	1.1	0.143	2.57	25.0	19.3	0.79	894	0.90	1.32	7.5	2.8	580
N811535		2.36	16.40	0.11	1.2	0.045	2.51	16.8	15.9	0.65	552	0.76	1.95	7.9	2.7	580
N811536		2.74	16.85	0.13	1.2	0.045	2.59	21.9	15.9	0.82	520	1.65	2.28	8.2	6.2	580
N811537		2.46	16.75	0.16	1.1	0.036	2.42	26.0	18.2	0.79	447	1.08	2.44	8.1	6.5	580
N811538		2.64	16.05	0.12	1.2	0.031	2.51	18.7	23.4	0.66	527	1.28	2.01	7.9	8.4	570
N811539		3.00	15.60	0.15	1.2	0.058	2.58	19.1	24.9	0.88	1100	1.19	1.42	7.6	3.4	580
N811540		2.86	16.70	0.17	1.2	0.038	2.71	19.7	37.3	0.77	1380	0.94	0.05	8.2	7.2	580
N811541		2.79	16.85	0.16	1.3	0.032	2.47	19.5	36.5	0.75	542	1.32	1.79	8.5	3.8	600
N811542		2.84	16.00	0.17	1.3	0.030	2.46	19.1	35.8	0.75	557	1.49	1.80	8.4	2.9	610
N811543		2.85	16.65	0.16	1.3	0.046	2.40	18.8	64.2	0.59	1320	1.00	0.98	8.8	3.0	560
N811544		2.72	16.15	0.16	1.1	0.047	2.27	21.6	14.9	0.78	496	0.66	2.37	8.3	2.9	580
N811545		2.78	16.10	0.15	1.1	0.061	2.26	21.3	13.4	0.77	544	0.67	2.40	7.7	2.8	600
N811546		2.92	15.25	0.15	0.9	0.083	2.33	19.5	49.5	0.67	1240	0.55	1.06	7.3	2.5	520
N811547		2.74	15.70	0.15	1.1	0.040	2.44	20.6	15.7	0.75	564	0.79	2.17	7.7	2.7	580
N811548		2.50	17.10	0.15	1.1	0.043	2.50	23.6	17.7	0.77	518	0.59	2.31	8.0	2.8	590
N811549		7.98	12.60	0.15	1.1	4.51	2.18	14.8	31.5	0.61	2970	15.05	0.09	5.4	13.8	450
N811550		2.53	16.30	0.14	1.0	0.079	2.28	16.9	16.2	0.71	614	1.07	2.16	8.2	3.1	590
N811551		3.75	17.70	0.18	1.1	0.189	2.78	27.5	31.2	0.66	1460	0.68	1.00	8.0	2.7	590
N811552		7.27	13.55	0.15	0.8	0.684	2.35	28.0	9.8	1.56	5080	2.68	0.03	5.5	2.9	430
N811553		0.44	0.22	0.10	<0.1	<0.005	0.03	0.7	0.5	12.05	200	0.25	0.01	0.2	1.6	190
N811554		2.38	16.50	0.20	1.1	0.068	2.72	19.3	32.1	0.67	654	0.48	0.36	8.1	3.3	600
N811555		2.73	15.95	0.16	1.1	0.044	2.47	19.8	13.4	0.74	624	0.83	2.04	7.6	2.9	580
N811556		2.81	16.45	0.16	1.1	0.040	2.43	22.9	12.5	0.80	515	0.69	2.38	8.0	3.0	610
N811557		2.72	16.85	0.17	1.2	0.051	2.34	23.7	14.4	0.76	463	0.94	2.14	8.2	2.9	600
N811558		6.45	14.80	0.15	0.9	1.490	2.81	25.9	29.6	0.62	1600	0.91	0.13	7.0	3.4	510



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**CERTIFICATE OF ANALYSIS WH12187924**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811523		96.9	119.5	0.002	0.30	12.50	7.0	1	2.1	221	0.73	0.05	11.3	0.246	1.99	4.1
N811524		146.0	89.8	<0.002	0.16	10.35	6.3	1	1.6	193.0	0.76	<0.05	9.7	0.268	2.18	4.6
N811525		21.7	99.7	<0.002	0.04	10.80	6.2	1	1.5	241	0.77	<0.05	10.2	0.261	1.93	4.6
N811526		9440	132.5	0.002	7.16	215	7.4	1	9.0	124.5	0.44	0.52	9.4	0.182	2.33	4.9
N811527		33.2	76.6	<0.002	0.08	21.7	8.6	1	1.6	298	0.69	<0.05	8.3	0.275	2.09	5.7
N811528		367	133.0	<0.002	0.65	21.2	20.3	1	2.2	235	0.40	<0.05	4.9	0.327	2.67	3.5
N811529		4250	171.5	<0.002	4.28	91.3	10.0	1	4.4	34.6	0.51	0.95	12.3	0.222	2.77	4.6
N811530		10.8	7.1	<0.002	0.04	0.39	0.6	1	0.2	39.0	<0.05	<0.05	0.2	0.007	0.07	0.5
N811531		201	95.7	<0.002	0.36	5.88	8.3	1	2.2	224	0.66	0.05	11.4	0.236	1.69	3.8
N811532		253	119.0	<0.002	0.58	14.95	8.3	1	2.4	112.5	0.57	0.09	11.0	0.219	2.48	4.1
N811533		43.2	101.5	<0.002	0.27	3.94	8.8	1	1.8	278	0.61	0.07	11.5	0.245	1.64	4.0
N811534		243	123.5	<0.002	0.58	5.96	9.9	1	2.5	248	0.60	0.20	12.3	0.245	1.56	3.9
N811535		33.4	97.0	0.002	0.24	2.90	9.3	1	2.1	314	0.65	0.05	11.2	0.256	1.39	3.7
N811536		18.0	103.5	<0.002	0.17	2.41	10.7	1	1.8	364	0.67	<0.05	12.9	0.258	1.07	4.4
N811537		24.9	101.5	<0.002	0.19	3.06	10.4	1	1.9	369	0.67	<0.05	14.2	0.260	1.08	4.5
N811538		23.2	96.4	<0.002	0.15	2.05	9.4	1	1.8	343	0.71	<0.05	10.8	0.256	1.30	3.8
N811539		130.0	97.8	<0.002	0.50	4.02	9.0	1	2.1	277	0.70	0.14	11.4	0.245	1.63	4.2
N811540		26.4	103.5	<0.002	0.35	8.42	10.1	1	2.1	157.0	0.69	<0.05	12.0	0.256	2.73	4.5
N811541		19.0	97.8	<0.002	0.08	3.79	10.5	1	1.9	353	0.75	<0.05	12.1	0.266	1.17	4.2
N811542		17.8	94.1	<0.002	0.08	3.70	10.1	1	1.8	357	0.77	<0.05	12.0	0.269	1.12	4.4
N811543		61.6	99.4	<0.002	0.17	13.00	9.7	1	2.1	232	0.91	<0.05	13.2	0.245	1.43	4.4
N811544		15.6	88.2	<0.002	0.07	2.70	10.6	2	1.8	390	0.64	<0.05	13.0	0.264	1.03	4.3
N811545		15.8	75.4	<0.002	0.08	2.93	9.7	1	2.0	403	0.66	<0.05	12.1	0.260	0.97	4.3
N811546		349	108.0	<0.002	0.37	8.33	9.5	1	2.2	216	0.57	<0.05	10.8	0.237	1.77	3.6
N811547		15.3	92.6	<0.002	0.05	2.30	9.9	1	1.6	365	0.64	<0.05	12.3	0.257	1.09	4.2
N811548		16.8	95.3	<0.002	0.08	3.72	10.5	1	1.8	379	0.66	<0.05	13.3	0.266	1.17	4.1
N811549		9650	133.0	<0.002	7.35	226	7.2	2	8.6	121.0	0.42	0.40	8.5	0.186	2.25	5.1
N811550		67.5	85.4	<0.002	0.20	4.64	10.3	1	2.0	324	0.63	<0.05	9.6	0.260	1.18	3.5
N811551		789	144.5	<0.002	0.43	7.80	10.9	2	2.8	197.5	0.63	<0.05	14.3	0.257	2.08	4.1
N811552		1485	153.5	<0.002	5.43	39.4	7.8	1	3.7	58.5	0.47	0.11	10.2	0.179	2.62	4.4
N811553		12.5	1.6	<0.002	0.03	0.30	0.2	1	<0.2	46.9	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N811554		63.9	101.0	<0.002	0.28	5.78	9.7	1	2.2	102.5	0.74	<0.05	11.1	0.262	1.97	4.0
N811555		63.5	91.1	<0.002	0.05	2.64	9.6	1	1.8	345	0.60	<0.05	11.6	0.256	1.24	3.5
N811556		19.4	89.5	<0.002	0.04	1.88	10.2	1	1.8	403	0.65	<0.05	12.8	0.262	0.97	3.9
N811557		15.6	93.7	<0.002	0.07	3.60	10.3	1	2.0	343	0.66	<0.05	12.9	0.261	1.05	3.6
N811558		255	164.0	<0.002	4.32	13.30	9.8	2	4.1	65.6	0.58	0.61	13.0	0.225	2.37	8.2



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**CERTIFICATE OF ANALYSIS WH12187924**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811523		52	4.3	12.9	180	76.8		
N811524		52	5.0	12.0	118	86.8		
N811525		50	4.3	13.2	81	91.3		
N811526		51	4.7	8.8	>10000	30.7	124	1.590
N811527		70	4.2	11.5	101	80.3		
N811528		143	4.7	13.2	693	84.6		
N811529		63	3.3	6.3	6770	24.7		
N811530		5	0.1	1.0	29	<0.5		
N811531		63	2.3	10.8	130	24.0		
N811532		60	3.0	11.1	372	23.2		
N811533		66	2.7	12.3	90	24.9		
N811534		68	2.3	13.9	310	24.7		
N811535		69	2.5	12.6	69	26.6		
N811536		71	5.0	16.4	43	28.3		
N811537		70	2.4	16.8	44	24.7		
N811538		69	2.3	14.8	39	26.0		
N811539		67	4.3	13.8	304	26.2		
N811540		68	5.9	14.3	70	27.4		
N811541		71	4.9	16.5	43	30.1		
N811542		72	4.1	15.6	43	28.0		
N811543		64	5.2	16.3	164	29.1		
N811544		70	3.3	16.7	35	26.9		
N811545		73	2.1	15.3	36	24.6		
N811546		65	3.6	13.5	373	22.3		
N811547		68	4.0	15.4	35	25.2		
N811548		69	3.0	16.0	36	26.9		
N811549		51	4.3	8.7	>10000	31.7	120	1.570
N811550		71	2.1	14.5	132	24.2		
N811551		67	3.8	13.9	1380	28.2		
N811552		47	6.5	10.3	4220	18.9		
N811553		2	0.1	0.9	33	<0.5		
N811554		73	4.3	11.9	85	25.2		
N811555		69	6.2	14.3	108	25.3		
N811556		71	7.0	15.2	42	25.7		
N811557		71	2.9	14.0	40	27.0		
N811558		60	8.8	13.4	1220	23.1		



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**CERTIFICATE OF ANALYSIS WH12187924**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12187925**

Project: Klaza - 100

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager





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**CERTIFICATE OF ANALYSIS WH12187925**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811559		4.33	<0.005	0.11	7.59	6.1	1970	1.38	0.10	2.63	0.11	44.4	6.0	11	5.93	5.0
N811560		4.92	<0.005	0.35	6.85	9.8	1570	1.61	0.45	3.28	2.05	38.6	4.8	10	9.37	8.9
N811561		2.70	<0.005	0.16	7.43	10.0	1320	1.51	0.15	3.13	0.12	56.0	9.5	11	7.38	1.8
N811562		9.40	<0.005	0.07	7.52	7.1	2130	1.68	0.09	2.59	0.10	47.7	7.1	14	4.16	5.4
N811563		<0.02	<0.005	0.10	7.65	6.6	2190	1.48	0.09	2.64	0.09	50.0	6.4	12	3.98	5.7
N811564		7.74	<0.005	0.07	7.72	5.8	2250	1.59	0.09	2.80	0.13	49.4	7.7	12	4.63	6.9
N811565		6.94	<0.005	0.08	7.05	4.8	2030	1.57	0.15	2.84	0.14	42.0	7.5	11	6.42	6.3
N811566		0.26	4.48	>100	5.45	6880	1340	1.13	64.6	1.97	224	34.4	9.4	17	10.45	1230
N811567		8.28	<0.005	0.12	7.42	6.1	2130	1.65	0.29	2.74	0.19	46.9	8.6	11	6.83	12.9
N811568		6.86	<0.005	0.13	7.52	7.4	2130	1.76	0.16	2.67	0.24	45.8	8.2	11	11.25	9.7
N811569		2.16	0.005	0.26	7.10	18.6	1940	1.45	0.26	2.95	8.65	42.7	7.3	10	11.00	11.1
N811570		1.40	<0.005	0.27	7.11	20.4	1860	1.54	0.20	2.98	6.52	42.7	8.3	10	12.40	10.2
N811571		4.31	0.056	1.00	7.70	140.5	1520	1.77	0.42	2.08	8.01	56.6	8.1	10	16.00	14.9
N811572		2.66	0.077	2.37	6.78	141.0	760	1.54	0.69	1.93	15.50	47.5	8.5	8	17.45	42.1
N811573		3.25	<0.005	0.43	0.08	<5	20	0.05	0.03	19.95	0.07	1.29	0.6	1	0.15	2.3
N811574		2.63	0.012	0.60	7.07	54.1	950	1.29	0.26	2.43	4.00	49.8	6.4	7	15.45	19.0
N811575		2.64	0.009	0.30	7.53	19.4	1630	1.34	0.20	1.70	0.60	50.7	8.4	10	15.25	13.4
N811576		7.62	<0.005	0.16	7.11	6.5	2200	1.69	0.16	2.63	0.82	42.1	7.5	11	13.70	9.1
N811577		0.26	2.26	26.8	5.99	3270	1920	1.41	19.25	2.24	77.0	43.8	11.0	19	13.65	428
N811578		6.57	<0.005	0.45	7.31	37.2	2060	1.69	0.20	2.52	0.24	43.8	7.0	11	12.30	6.2
N811579		3.31	0.075	11.80	6.19	829	1610	1.48	0.78	3.65	26.7	45.3	6.4	8	11.95	49.9
N811580		7.90	<0.005	0.45	7.67	7.8	2100	1.68	0.13	2.68	2.56	47.8	7.4	12	9.90	10.9
N811581		7.48	<0.005	0.21	7.68	7.2	2160	1.63	0.12	2.57	0.60	47.5	7.4	11	7.56	8.8
N811582		2.94	<0.005	0.12	7.19	5.8	2140	1.57	0.14	2.41	0.10	44.4	6.4	11	8.57	5.9
N811583		2.10	<0.005	0.42	7.95	18.3	1820	1.75	0.16	2.66	1.33	61.8	7.9	11	19.50	8.6
N811584		6.67	<0.005	0.13	7.97	6.5	2390	1.51	0.13	2.63	0.15	49.8	5.8	12	7.24	4.1
N811585		2.98	<0.005	0.11	7.52	9.5	2150	1.59	0.15	2.89	0.19	46.2	6.3	14	18.95	5.8
N811586		6.76	<0.005	0.08	7.81	5.5	2340	1.58	0.17	2.85	0.10	46.9	6.4	12	11.45	7.0
N811587		2.69	<0.005	0.19	8.01	7.0	2220	1.58	0.14	2.83	0.11	49.4	6.4	11	13.05	5.4
N811588		2.23	0.017	0.42	7.19	32.2	1910	1.54	0.41	2.78	2.54	41.3	4.8	9	14.90	7.3
N811589		3.76	<0.005	0.01	0.10	<5	40	0.07	0.03	21.6	0.06	1.87	0.6	1	0.58	2.9
N811590		2.37	<0.005	0.10	8.06	7.9	1940	1.08	0.19	1.54	0.21	59.4	6.3	9	12.80	5.5
N811591		5.45	<0.005	0.11	8.08	10.7	2010	1.20	0.18	1.37	0.26	55.9	6.7	10	12.05	6.6
N811592		2.66	0.103	0.81	6.90	244	1520	1.41	0.16	3.20	4.84	52.9	6.5	9	23.4	8.0
N811593		4.85	<0.005	0.13	7.72	15.5	1950	1.44	0.23	2.25	0.27	52.0	6.5	10	23.7	6.8
N811594		3.54	<0.005	0.10	7.67	12.1	2080	1.41	0.20	2.46	0.19	45.7	5.9	13	26.9	6.3



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**CERTIFICATE OF ANALYSIS WH12187925**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811559		2.68	16.10	0.13	1.0	0.049	2.47	23.6	9.4	0.80	527	1.08	2.40	7.7	3.0	590
N811560		2.47	15.90	0.11	0.9	0.069	2.35	18.9	9.1	0.67	716	0.52	1.94	7.5	3.2	590
N811561		2.24	16.60	0.18	0.8	0.064	2.13	30.9	11.3	0.65	482	0.37	2.19	8.2	3.1	600
N811562		2.93	17.45	0.13	0.9	0.048	2.54	25.1	11.5	0.86	526	0.67	2.41	8.3	3.1	590
N811563		3.01	16.00	0.15	0.9	0.045	2.57	26.2	10.7	0.88	539	0.71	2.44	7.6	3.0	600
N811564		3.07	16.50	0.17	1.0	0.037	2.70	26.1	13.2	0.88	681	1.20	2.38	8.0	2.9	610
N811565		2.93	16.35	0.14	1.0	0.048	2.50	20.7	15.8	0.80	641	1.18	2.16	7.9	3.1	580
N811566		8.13	13.30	0.17	0.9	4.59	2.27	18.3	30.7	0.64	3020	14.95	0.09	5.4	13.7	440
N811567		2.96	16.65	0.13	1.0	0.036	2.60	22.4	18.8	0.87	657	0.97	2.31	8.3	2.9	600
N811568		2.85	16.80	0.14	1.1	0.037	2.70	23.2	15.6	0.73	725	1.28	2.13	8.0	2.9	570
N811569		3.17	15.55	0.15	1.1	0.081	3.32	21.1	11.9	0.75	1840	1.17	1.22	7.6	2.8	580
N811570		3.19	16.45	0.15	1.1	0.076	3.28	20.2	13.1	0.78	1900	1.17	1.18	8.0	3.1	590
N811571		4.45	17.60	0.17	1.1	0.174	3.00	31.3	29.0	0.80	1530	1.27	1.06	8.5	2.9	580
N811572		4.74	14.90	0.14	0.8	0.270	2.67	27.9	60.8	0.90	2660	1.65	0.24	6.8	2.9	510
N811573		0.43	0.22	0.14	<0.1	<0.005	0.03	0.7	1.1	12.40	181	0.17	0.01	0.2	2.3	190
N811574		4.10	15.05	0.16	0.7	0.241	2.45	27.4	62.5	0.93	2320	1.03	0.05	6.9	2.1	540
N811575		3.08	16.50	0.16	0.9	0.095	2.74	25.8	33.8	0.59	1120	1.47	0.51	7.7	2.6	600
N811576		2.97	16.60	0.16	1.0	0.044	2.62	19.6	17.5	0.71	722	1.17	2.06	8.2	3.0	600
N811577		6.82	14.75	0.13	0.7	1.735	2.62	26.1	23.7	0.93	1860	13.35	0.05	6.0	15.8	430
N811578		3.01	15.40	0.13	1.0	0.048	2.63	22.3	17.5	0.79	771	1.00	1.99	7.5	2.6	580
N811579		4.06	13.15	0.15	0.8	0.452	2.67	24.5	23.9	1.03	2370	0.73	0.05	5.8	2.7	480
N811580		3.02	17.35	0.14	1.1	0.047	2.65	24.7	17.5	0.81	769	1.43	2.21	8.4	2.7	590
N811581		2.97	16.05	0.18	0.9	0.035	2.56	25.1	17.5	0.89	654	0.90	2.31	7.9	2.9	590
N811582		2.75	15.55	0.19	0.8	0.044	2.47	22.6	15.1	0.78	523	0.93	2.33	7.7	2.7	590
N811583		3.27	17.45	0.14	1.1	0.078	2.95	32.3	18.8	0.83	1040	0.89	1.51	9.1	4.5	660
N811584		2.95	15.85	0.14	1.2	0.056	2.81	25.5	16.0	0.92	571	0.57	2.77	8.4	2.9	630
N811585		2.93	16.40	0.15	1.1	0.053	2.74	21.7	11.6	0.79	711	0.76	2.35	8.7	2.9	630
N811586		2.93	16.45	0.14	1.2	0.048	2.80	22.4	12.8	0.80	553	0.76	2.53	8.5	2.9	620
N811587		2.99	16.10	0.15	1.3	0.052	2.85	24.7	14.0	0.77	595	0.66	2.37	8.7	2.8	620
N811588		3.24	14.65	0.14	1.1	0.304	3.14	20.1	20.8	0.91	1560	0.59	0.22	7.6	2.2	580
N811589		0.46	0.29	0.13	<0.1	0.009	0.05	0.9	1.4	13.30	204	0.17	0.01	0.3	1.4	190
N811590		2.79	15.80	0.20	1.1	0.049	2.34	32.1	34.3	0.56	719	0.45	0.15	8.4	2.5	640
N811591		2.89	16.85	0.15	1.2	0.060	2.54	29.5	38.6	0.43	710	0.91	0.09	9.2	2.5	660
N811592		3.17	13.90	0.16	1.0	0.096	2.55	30.4	22.7	1.09	1480	5.81	0.05	6.9	3.2	530
N811593		3.02	16.25	0.15	1.1	0.061	2.82	27.5	46.7	0.64	710	0.95	1.12	8.6	2.6	620
N811594		2.89	15.70	0.14	1.2	0.043	2.85	22.6	39.3	0.58	403	0.78	1.06	8.6	2.4	630



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**CERTIFICATE OF ANALYSIS WH12187925**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N811559		15.7	96.1	<0.002	0.04	1.38	10.1	1	1.6	375	0.61	<0.05	13.9	0.257	3.9
N811560		103.0	82.0	<0.002	0.11	2.13	9.0	<1	1.8	284	0.57	<0.05	10.8	0.247	3.2
N811561		16.5	94.8	<0.002	0.10	2.36	10.4	1	1.8	254	0.61	<0.05	13.2	0.261	4.2
N811562		16.2	98.8	<0.002	0.01	1.46	10.3	1	1.7	399	0.62	<0.05	12.9	0.259	4.0
N811563		16.8	91.0	<0.002	0.01	1.40	9.7	1	1.7	404	0.61	<0.05	13.1	0.263	4.0
N811564		18.9	95.6	0.002	0.01	1.24	9.8	<1	1.7	408	0.66	<0.05	13.5	0.266	3.9
N811565		20.7	85.2	<0.002	0.01	1.37	9.7	1	1.7	374	0.65	<0.05	11.6	0.256	3.6
N811566		9450	133.5	0.002	7.16	221	7.0	1	8.5	123.5	0.41	0.49	8.9	0.180	5.0
N811567		21.4	92.2	<0.002	0.01	1.14	9.8	1	2.3	406	0.66	<0.05	13.3	0.258	4.1
N811568		25.9	106.0	<0.002	0.01	2.03	9.6	<1	2.1	369	0.65	<0.05	13.0	0.250	4.3
N811569		57.1	134.5	<0.002	0.20	3.05	8.7	1	2.1	246	0.68	<0.05	12.8	0.242	4.4
N811570		68.5	139.5	<0.002	0.20	3.18	9.3	1	2.1	242	0.68	<0.05	12.6	0.248	4.1
N811571		267	162.5	<0.002	0.83	5.26	11.0	1	2.9	212	0.73	<0.05	16.7	0.249	6.2
N811572		519	154.0	<0.002	1.09	15.35	8.8	1	3.7	83.8	0.57	<0.05	13.8	0.217	6.1
N811573		2.2	1.2	<0.002	0.01	0.06	0.2	<1	<0.2	44.2	<0.05	<0.05	0.2	<0.005	0.7
N811574		76.5	116.5	<0.002	0.28	14.65	9.3	1	2.8	82.6	0.54	<0.05	12.8	0.224	4.2
N811575		43.0	110.5	<0.002	0.07	13.00	9.6	1	2.1	140.5	0.61	<0.05	14.0	0.254	3.2
N811576		49.3	88.3	<0.002	0.02	7.81	9.5	1	1.9	352	0.64	<0.05	11.1	0.261	3.5
N811577		2800	159.0	<0.002	4.90	88.0	7.9	1	8.2	95.7	0.45	0.40	10.8	0.179	5.1
N811578		32.4	95.2	<0.002	0.04	1.88	9.2	1	1.6	345	0.64	<0.05	12.5	0.251	4.2
N811579		4690	159.5	<0.002	0.99	18.55	8.4	1	2.1	74.1	0.47	<0.05	12.0	0.190	5.0
N811580		99.5	104.0	<0.002	0.03	1.49	10.3	1	1.7	370	0.69	<0.05	14.3	0.256	4.6
N811581		28.7	99.6	<0.002	0.01	0.95	10.1	1	1.6	408	0.65	<0.05	13.2	0.256	4.5
N811582		17.3	93.9	<0.002	0.01	1.67	9.6	1	1.6	376	0.60	<0.05	14.4	0.252	4.4
N811583		129.0	118.5	<0.002	0.21	7.32	11.0	1	1.9	247	0.66	0.05	13.5	0.281	3.9
N811584		18.0	100.5	<0.002	0.02	2.12	9.9	1	1.7	439	0.67	<0.05	13.7	0.275	4.1
N811585		20.4	107.5	<0.002	0.04	3.62	9.8	1	1.8	344	0.65	<0.05	12.4	0.273	3.6
N811586		18.0	98.3	<0.002	0.03	1.89	9.7	1	1.9	413	0.63	<0.05	12.7	0.275	3.6
N811587		18.2	115.0	<0.002	0.07	1.97	10.3	1	1.7	384	0.66	<0.05	14.7	0.272	4.6
N811588		53.0	131.5	<0.002	0.30	9.14	8.8	1	2.3	102.0	0.61	<0.05	12.3	0.245	3.7
N811589		1.4	3.3	<0.002	0.01	0.11	0.2	1	0.2	51.8	<0.05	<0.05	<0.2	<0.005	0.6
N811590		12.6	101.5	<0.002	0.10	20.8	10.2	1	2.0	96.7	0.59	<0.05	14.9	0.266	3.0
N811591		19.9	112.0	<0.002	0.09	20.3	11.1	1	2.2	98.9	0.65	<0.05	14.8	0.276	3.1
N811592		171.5	132.5	<0.002	0.67	17.15	9.2	1	3.0	121.0	0.51	<0.05	13.2	0.225	6.8
N811593		26.1	123.5	<0.002	0.10	11.75	10.3	1	2.6	223	0.65	<0.05	13.3	0.265	3.8
N811594		18.2	110.0	<0.002	0.06	6.28	9.9	1	2.0	243	0.65	<0.05	14.1	0.274	3.5



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**CERTIFICATE OF ANALYSIS WH12187925**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811559		70	2.7	14.9	40	25.9		
N811560		70	1.8	12.2	190	23.2		
N811561		72	2.0	14.3	46	23.9		
N811562		71	2.2	16.4	39	26.1		
N811563		71	2.0	15.7	39	22.6		
N811564		72	1.6	16.5	50	26.1		
N811565		71	2.7	14.9	46	26.5		
N811566		53	4.5	9.3	>10000	28.7	117	1.655
N811567		69	1.2	16.2	54	27.5		
N811568		68	1.9	16.4	61	29.5		
N811569		67	2.7	14.0	547	27.5		
N811570		67	2.8	14.8	423	28.8		
N811571		69	4.6	16.2	608	28.5		
N811572		61	5.4	10.9	1370	21.3		
N811573		1	0.1	0.9	14	<0.5		
N811574		65	4.2	13.8	379	20.9		
N811575		69	3.4	14.9	89	24.7		
N811576		72	2.5	15.0	82	27.6		
N811577		56	5.1	9.7	5270	28.8		
N811578		69	1.9	14.7	62	25.8		
N811579		55	5.9	15.6	1900	21.1		
N811580		70	1.7	16.9	204	29.0		
N811581		70	1.0	16.7	74	23.6		
N811582		67	1.3	14.7	39	21.9		
N811583		78	2.2	17.4	121	27.9		
N811584		74	1.2	15.9	46	24.4		
N811585		75	1.4	14.8	55	24.4		
N811586		73	0.9	15.3	43	27.2		
N811587		73	2.7	16.3	43	28.9		
N811588		68	2.2	12.3	244	22.4		
N811589		2	0.1	0.9	14	<0.5		
N811590		71	3.4	16.4	62	26.5		
N811591		75	3.4	16.1	60	28.3		
N811592		61	4.9	15.0	537	22.1		
N811593		72	3.0	15.3	61	25.7		
N811594		74	1.4	13.9	45	24.8		



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**CERTIFICATE OF ANALYSIS WH12187925**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12187926**

Project: Klaza - 100

P.O. No.: Batch 7

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

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Finalized Date: 29-AUG-2012  
Account: ROCKHA

Project: Klaza - 100

**CERTIFICATE OF ANALYSIS WH12187926**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811595		2.47	0.156	1.40	7.68	394	1790	1.64	1.68	2.48	3.18	56.5	7.2	9	23.2	24.3
N811596		2.31	<0.005	0.17	7.65	20.6	2090	1.54	0.21	2.55	0.18	47.1	6.0	10	18.50	7.8
N811597		5.25	<0.005	0.08	7.57	10.2	2170	1.58	0.20	2.79	0.09	49.5	6.0	14	12.30	5.9
N811598		3.22	<0.005	0.06	7.85	8.8	2250	1.55	0.13	2.87	0.08	50.5	5.9	12	10.65	5.6
N811599		4.03	<0.005	0.17	7.65	10.7	1580	1.60	0.22	2.90	0.14	48.6	7.0	9	16.75	6.1
N811600		2.35	<0.005	0.14	8.05	7.8	2400	1.63	0.62	2.97	0.21	53.2	8.4	12	10.00	15.8
N811601		0.26	2.30	26.7	6.25	3590	1730	1.23	20.9	2.31	79.4	46.6	10.7	18	14.00	441
N811602		2.43	0.071	0.19	7.02	304	1920	1.52	0.24	3.44	0.15	41.7	7.6	10	21.6	10.1
N811603		7.30	<0.005	0.09	7.97	8.7	2270	1.61	0.16	2.84	0.13	46.4	5.4	12	11.95	6.0
N811604		6.02	<0.005	0.09	8.04	6.9	2130	1.60	0.14	2.96	0.20	50.9	6.4	10	13.65	4.4
N811605		<0.02	<0.005	0.12	7.52	10.0	2150	1.69	0.16	2.91	0.30	46.5	6.6	14	13.35	4.9
N811606		3.58	0.013	0.10	8.17	56.9	2000	1.38	0.10	1.77	0.12	51.6	7.1	10	17.50	4.8
N811607		4.29	0.015	0.37	7.20	87.2	1510	1.65	0.15	2.98	0.43	50.5	6.9	9	23.1	6.0
N811608		2.50	<0.005	0.01	0.10	5	20	0.05	0.07	21.3	0.07	1.33	0.8	2	0.39	2.5
N811609		3.51	<0.005	0.10	7.07	14.4	1830	1.45	0.15	3.02	0.26	43.2	6.6	11	19.45	8.9
N811610		2.98	<0.005	0.07	7.43	6.8	2140	1.47	0.12	2.87	0.09	47.5	6.1	11	19.00	6.4
N811611		1.09	<0.005	0.06	7.09	7.5	2040	1.54	0.12	2.85	0.08	45.5	5.8	13	19.05	6.2
N811612		3.63	<0.005	0.09	7.81	17.8	2460	1.22	0.15	1.83	0.18	44.5	5.7	10	19.00	10.4
N811613		2.89	<0.005	0.20	7.84	18.6	1610	1.45	0.22	2.48	0.20	45.2	5.4	11	21.4	15.1
N811614		2.71	<0.005	0.38	7.40	21.2	1640	1.77	0.34	2.62	0.25	30.8	6.1	9	18.05	52.7
N811615		0.26	4.56	>100	5.48	8170	1150	1.10	65.1	1.97	225	37.2	8.9	16	11.10	1220
N811616		2.72	0.011	0.43	7.67	74.3	1980	1.29	0.27	3.05	0.39	39.7	7.5	10	20.8	50.9
N811617		3.72	0.009	0.22	8.01	50.6	1400	1.56	0.21	3.12	0.21	52.9	7.1	8	22.2	12.9
N811618		2.95	0.040	0.46	7.72	283	1030	1.55	0.39	2.90	0.43	49.7	6.1	8	25.4	19.7
N811619		3.15	0.045	1.33	7.42	277	710	1.55	1.50	2.99	6.59	46.6	10.8	13	19.05	24.2
N811620		2.09	<0.005	0.02	0.11	5	20	0.06	0.03	21.1	0.08	1.35	0.6	1	0.29	3.6
N811621		4.50	<0.005	0.24	8.44	22.7	3020	1.75	0.57	3.37	0.20	62.3	7.8	57	29.6	30.3
N811622		3.01	<0.005	0.16	8.48	10.5	2270	1.09	0.49	1.87	0.29	44.3	7.4	9	19.00	16.1
N811623		3.66	<0.005	0.18	8.04	12.7	1710	1.29	0.22	1.90	0.28	40.8	5.3	10	16.25	7.7
N811624		2.63	<0.005	0.13	7.27	24.7	1750	1.64	0.14	3.15	0.14	37.9	5.6	12	17.50	7.1



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**CERTIFICATE OF ANALYSIS WH12187926**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811595		4.21	15.65	0.14	1.0	0.227	3.08	30.8	61.3	1.01	2250	2.31	0.07	7.9	3.2	610
N811596		2.90	15.65	0.13	1.1	0.047	3.01	22.3	17.3	0.66	637	0.89	1.78	8.2	2.4	620
N811597		2.89	15.60	0.15	1.1	0.046	2.68	25.2	13.1	0.80	549	0.80	2.42	8.3	2.7	630
N811598		2.91	16.30	0.15	1.2	0.048	2.68	24.6	14.7	0.77	541	0.69	2.59	8.6	3.0	680
N811599		2.66	16.30	0.14	1.2	0.052	2.42	23.5	21.8	0.64	489	0.66	1.86	8.9	3.1	650
N811600		3.15	17.15	0.16	1.2	0.056	2.63	25.6	12.8	0.87	577	1.35	2.41	9.2	3.0	690
N811601		6.84	14.10	0.15	1.0	1.620	2.71	25.2	24.6	0.96	1920	13.35	0.05	6.1	14.6	460
N811602		2.99	15.55	0.14	1.1	0.049	2.68	18.8	21.9	0.76	777	0.67	1.37	8.1	4.6	620
N811603		2.73	16.15	0.15	1.1	0.042	2.71	22.2	16.1	0.78	506	1.12	2.61	8.5	2.9	620
N811604		2.82	16.50	0.16	1.3	0.035	2.65	25.8	16.4	0.75	539	1.37	2.55	8.8	2.6	610
N811605		2.86	16.40	0.13	1.3	0.039	2.72	22.9	16.7	0.73	553	1.48	2.45	8.8	2.8	610
N811606		3.02	16.90	0.15	1.3	0.037	2.87	27.2	33.3	0.63	549	1.06	0.68	9.4	2.6	650
N811607		3.26	15.55	0.14	1.2	0.076	2.71	26.1	51.6	0.95	1550	1.20	0.32	8.1	2.7	560
N811608		0.50	0.31	0.14	<0.1	<0.005	0.04	0.6	1.3	13.20	231	0.18	0.01	0.1	2.2	180
N811609		2.56	15.25	0.19	1.3	0.038	2.55	20.5	21.2	0.69	556	1.37	2.11	8.6	2.6	590
N811610		2.68	15.70	0.16	1.2	0.024	2.74	22.2	17.7	0.70	528	0.77	2.04	8.2	2.4	610
N811611		2.68	15.65	0.14	1.2	0.042	2.68	21.8	17.9	0.64	536	0.75	2.00	8.5	2.4	590
N811612		2.44	16.10	0.13	1.0	0.046	2.16	22.9	204	0.57	682	0.55	0.08	8.8	2.7	650
N811613		2.34	15.85	0.16	1.0	0.051	2.46	24.1	127.0	0.83	783	0.45	0.07	8.3	2.6	590
N811614		2.73	15.95	0.14	1.1	0.069	2.46	14.2	33.3	0.81	531	0.47	1.36	8.6	3.2	630
N811615		7.86	12.50	0.14	1.2	4.37	2.26	19.0	32.6	0.64	2940	15.05	0.09	5.7	13.1	450
N811616		2.23	17.15	0.14	1.1	0.062	2.58	19.2	47.0	0.90	661	0.56	0.25	8.9	4.4	610
N811617		3.18	15.85	0.15	1.1	0.056	2.67	28.2	69.1	1.03	779	0.97	0.12	8.2	3.0	640
N811618		2.87	15.75	0.16	1.0	0.090	2.90	27.3	89.7	1.08	1240	1.04	0.06	7.8	3.4	580
N811619		4.94	16.55	0.09	0.8	0.461	2.77	26.0	38.0	1.18	2890	1.42	0.05	7.2	6.8	630
N811620		0.47	0.30	0.07	<0.1	0.011	0.04	0.7	1.3	13.10	193	0.17	0.01	0.2	1.6	180
N811621		4.15	19.90	0.09	1.7	0.227	1.18	35.3	59.5	1.30	687	0.38	0.21	8.3	10.7	1380
N811622		2.99	18.60	0.10	1.2	0.050	2.88	23.2	36.4	0.72	491	1.02	0.24	9.5	5.4	650
N811623		2.60	17.90	0.09	1.1	0.072	2.65	20.0	33.7	0.62	685	1.09	0.25	9.3	3.7	620
N811624		2.70	17.40	0.09	0.9	0.052	2.61	18.4	34.5	0.91	800	0.69	1.68	8.5	3.7	590





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**CERTIFICATE OF ANALYSIS WH12187926**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811595		133.0	161.0	<0.002	0.89	16.65	10.3	1	2.5	106.5	0.57	0.07	17.5	0.252	2.76	6.4
N811596		23.9	115.5	<0.002	0.11	5.46	9.5	<1	2.0	307	0.66	<0.05	13.4	0.272	1.65	3.8
N811597		16.1	94.9	<0.002	0.05	2.23	9.8	1	1.8	399	0.67	<0.05	11.8	0.273	1.13	3.4
N811598		15.9	95.1	<0.002	0.04	2.08	10.3	1	1.8	408	0.60	<0.05	13.1	0.283	1.11	3.7
N811599		13.8	100.0	<0.002	0.13	6.01	10.3	1	2.2	279	0.63	0.10	12.4	0.282	1.09	3.3
N811600		17.0	99.7	<0.002	0.09	1.43	11.0	1	2.2	436	0.64	<0.05	13.1	0.287	1.10	4.4
N811601		2830	165.0	0.002	5.08	91.6	8.0	1	8.2	97.4	0.47	0.36	11.8	0.186	2.53	5.5
N811602		18.8	94.0	<0.002	0.19	6.64	8.9	1	1.8	274	0.62	<0.05	9.4	0.264	1.62	3.4
N811603		19.1	101.0	<0.002	0.02	2.44	10.1	1	1.8	403	0.62	<0.05	12.9	0.275	1.06	3.8
N811604		22.6	106.5	<0.002	0.02	2.12	9.9	1	1.7	448	0.72	<0.05	13.2	0.274	1.02	4.0
N811605		26.0	96.4	<0.002	0.02	2.17	10.0	1	1.7	433	0.68	<0.05	13.0	0.270	1.07	4.2
N811606		16.2	121.5	<0.002	0.05	10.50	10.6	1	1.6	180.0	0.75	<0.05	14.4	0.274	1.43	4.1
N811607		39.5	118.0	0.002	0.32	8.99	9.3	1	2.3	132.5	0.65	<0.05	12.7	0.239	2.20	5.6
N811608		1.5	2.7	<0.002	0.02	0.12	0.5	<1	<0.2	45.5	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N811609		17.8	96.7	<0.002	0.09	2.00	9.3	1	1.7	363	0.74	<0.05	12.1	0.259	1.29	3.8
N811610		15.8	108.5	<0.002	0.04	2.85	9.3	1	1.6	383	0.71	<0.05	12.5	0.259	1.28	3.6
N811611		16.6	97.6	<0.002	0.04	3.45	9.4	1	1.6	368	0.71	<0.05	12.0	0.258	1.30	3.6
N811612		12.0	90.1	<0.002	0.20	27.2	10.4	1	1.8	136.0	0.63	<0.05	11.9	0.271	1.36	2.5
N811613		14.7	116.5	0.002	0.18	21.2	10.6	1	1.7	105.0	0.61	<0.05	13.6	0.264	1.71	4.9
N811614		17.0	94.2	<0.002	0.13	15.55	10.1	1	1.9	310	0.64	0.16	12.3	0.265	1.44	3.4
N811615		9320	137.5	0.003	7.19	216	7.2	1	8.9	130.5	0.42	0.44	9.4	0.180	2.28	5.4
N811616		21.3	102.0	<0.002	0.25	16.20	10.0	1	2.0	137.0	0.64	0.09	12.0	0.272	1.70	3.8
N811617		16.8	121.0	<0.002	0.28	8.38	10.6	1	2.4	157.5	0.63	<0.05	13.9	0.271	2.05	5.1
N811618		20.0	162.5	<0.002	0.50	13.30	10.4	1	2.2	114.5	0.63	<0.05	15.7	0.249	2.81	5.4
N811619		123.5	158.0	<0.002	1.49	15.20	11.0	1	3.7	117.0	0.64	0.31	12.0	0.242	2.62	9.3
N811620		1.7	1.8	<0.002	0.02	0.16	0.3	<1	0.2	49.3	<0.05	<0.05	0.2	<0.005	0.02	0.9
N811621		13.3	35.4	<0.002	0.18	22.6	20.2	1	4.0	231	0.56	0.23	6.3	0.454	0.92	5.0
N811622		22.2	115.5	<0.002	0.11	11.15	11.6	1	2.9	142.0	0.82	0.26	13.2	0.280	1.31	3.6
N811623		20.3	108.5	<0.002	0.07	12.70	11.0	1	1.9	119.0	0.89	0.06	13.5	0.262	1.33	3.8
N811624		17.4	96.6	<0.002	0.08	4.78	10.5	1	1.8	309	0.68	<0.05	10.0	0.254	1.29	3.5



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**CERTIFICATE OF ANALYSIS WH12187926**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811595		69	5.0	15.3	315	23.8		
N811596		74	2.6	14.6	52	24.4		
N811597		74	1.9	15.3	42	23.6		
N811598		77	1.0	16.1	41	27.3		
N811599		76	1.7	13.9	43	26.0		
N811600		79	0.7	16.8	62	27.5		
N811601		59	5.4	10.0	5270	25.5		
N811602		74	3.1	13.6	46	24.2		
N811603		75	1.0	15.3	42	26.4		
N811604		74	1.3	16.0	51	27.9		
N811605		74	1.5	15.5	58	30.2		
N811606		76	3.6	16.5	48	30.2		
N811607		66	4.9	14.3	73	26.1		
N811608		3	0.1	0.9	14	<0.5		
N811609		71	1.5	14.5	48	27.3		
N811610		71	1.2	15.5	37	24.8		
N811611		71	1.4	14.5	37	26.0		
N811612		71	9.3	14.6	45	23.9		
N811613		70	2.8	15.0	46	25.0		
N811614		70	1.1	15.5	49	24.1		
N811615		52	4.2	9.2	>10000	31.8	116	1.640
N811616		73	3.4	14.6	64	25.7		
N811617		74	2.9	18.1	55	23.1		
N811618		68	3.4	15.8	85	23.5		
N811619		71	3.9	13.4	501	26.6		
N811620		2	0.1	0.9	15	<0.5		
N811621		172	5.9	16.8	55	62.5		
N811622		77	2.6	16.0	50	33.3		
N811623		69	3.2	16.6	61	30.3		
N811624		70	1.8	15.1	49	26.1		



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**CERTIFICATE OF ANALYSIS WH12187926**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Finalized Date: 29-AUG-2012

Account: ROCKHA

**CERTIFICATE WH12187927**

Project: Klaza - 102

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
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Account: ROCKHA

Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12187927**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814205		3.73	0.026	0.56	7.46	53.8	1490	1.58	0.23	2.38	1.26	45.4	10.4	9	17.30	25.3
N814206		4.68	<0.005	0.09	7.81	4.6	2090	1.60	0.19	2.96	0.22	54.3	9.1	12	6.01	12.1
N814207		5.06	<0.005	0.38	7.75	24.6	1930	1.64	0.51	2.31	0.51	49.8	8.5	10	11.20	14.5
N814208		5.04	<0.005	0.16	7.49	31.5	1990	1.48	0.24	2.30	0.74	50.0	7.4	8	9.90	11.0
N814209		2.81	<0.005	0.06	7.39	5.7	2100	1.54	0.15	2.63	0.24	48.1	7.4	8	8.89	8.4
N814210		1.29	<0.005	0.07	7.71	8.0	2160	1.52	0.19	2.80	0.20	48.9	7.3	8	9.34	8.8
N814211		4.60	0.067	0.94	7.50	87.8	1640	1.82	0.62	2.19	1.39	46.7	9.0	8	17.45	10.4
N814212		3.81	0.055	0.90	7.93	26.5	2300	1.57	0.68	2.28	0.85	52.5	8.1	9	8.24	44.0
N814213		7.56	<0.005	0.09	7.59	4.8	2330	1.43	0.08	2.66	0.15	52.3	7.8	12	6.99	8.8
N814214		0.28	0.765	9.20	6.23	1690	1530	1.33	5.76	1.86	40.1	43.1	15.6	19	15.75	99.9
N814215		5.00	<0.005	0.08	7.61	4.7	2180	1.48	0.11	2.79	0.12	53.1	7.8	10	5.04	7.0
N814216		3.91	<0.005	0.12	7.59	8.4	2060	1.34	0.07	2.81	0.22	45.4	7.3	8	15.70	6.4
N814217		7.63	<0.005	0.10	7.82	4.7	2240	1.44	0.08	2.76	0.12	50.0	7.8	9	6.78	8.3
N814218		8.56	<0.005	0.06	7.81	3.2	2240	1.45	0.14	2.91	0.11	49.8	7.9	11	3.90	7.4
N814219		3.04	<0.005	0.08	7.92	3.2	2340	1.52	0.16	2.75	0.14	51.5	8.1	9	6.12	6.7
N814220		4.20	<0.005	0.28	7.63	9.9	1960	1.50	0.33	2.63	0.52	46.8	7.6	8	9.57	13.4
N814221		3.61	<0.005	0.02	0.13	<5	30	0.14	0.03	20.6	0.06	1.41	0.7	<1	0.65	2.4
N814222		7.84	<0.005	0.07	7.34	3.7	2140	1.43	0.17	2.84	0.08	43.8	7.6	11	6.13	7.2
N814223		6.61	<0.005	0.06	7.48	3.8	2120	1.42	0.18	2.92	0.08	44.6	7.8	13	7.00	7.6
N814224		<0.02	<0.005	0.08	7.60	3.3	2080	1.41	0.21	2.95	0.07	45.3	7.3	12	6.67	6.4
N814225		5.84	<0.005	0.07	7.08	2.6	2050	1.40	0.13	2.94	0.09	41.5	7.6	13	6.81	7.4
N814226		5.33	<0.005	0.08	7.43	6.9	2080	1.37	0.22	2.87	0.09	44.0	7.5	11	5.48	7.7
N814227		7.10	0.098	0.37	7.25	12.3	1830	1.42	1.62	2.79	0.12	45.0	8.2	11	8.68	11.6
N814228		5.97	<0.005	0.07	6.94	5.3	1880	1.44	0.18	2.94	0.10	41.9	7.9	11	9.40	9.7
N814229		5.74	<0.005	0.15	7.31	14.9	1750	1.40	0.58	2.32	0.10	41.2	7.8	11	13.55	7.2
N814230		6.92	<0.005	0.20	7.23	23.0	2200	1.47	0.72	2.73	0.08	47.0	8.2	14	9.05	7.3
N814231		0.27	0.760	9.12	6.66	1835	1770	1.46	6.69	1.87	42.3	41.4	16.0	20	15.65	105.5
N814232		4.08	<0.005	0.11	7.80	7.9	2120	1.68	0.10	2.72	0.19	51.3	7.8	13	6.31	6.0
N814233		2.03	<0.005	0.29	7.48	10.5	1530	1.74	0.11	2.80	0.10	43.6	9.5	11	17.20	21.8
N814234		6.42	<0.005	0.05	7.48	6.8	2060	1.64	0.12	2.82	0.06	44.9	7.6	13	7.14	5.5
N814235		6.50	<0.005	0.07	7.36	4.3	2000	1.52	0.13	2.80	0.07	46.3	7.7	13	7.29	375
N814236		2.21	<0.005	0.13	7.53	25.7	2080	1.38	0.49	2.39	0.08	43.3	10.0	11	11.75	6.9
N814237		4.30	<0.005	0.01	0.39	<5	70	0.21	0.05	19.80	0.05	2.09	1.9	8	0.76	3.6
N814238		8.22	<0.005	0.05	7.24	9.4	2440	1.58	0.26	2.75	0.11	47.4	7.7	12	7.77	5.5
N814239		2.17	<0.005	0.08	6.94	11.4	1780	1.47	0.34	2.30	0.12	38.3	7.0	9	8.44	7.8
N814240		7.93	<0.005	0.10	6.96	12.7	1690	1.42	0.59	2.74	0.11	45.7	8.2	11	10.15	5.3



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Plus Appendix Pages  
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Account: ROCKHA

Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12187927**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814205		3.25	16.65	0.13	1.3	0.038	3.35	23.0	18.0	0.31	2110	3.47	0.54	7.5	3.7	630
N814206		3.44	16.70	0.16	1.3	0.033	2.57	28.0	12.0	1.03	893	0.77	2.24	8.1	3.9	760
N814207		3.07	16.70	0.16	1.3	0.034	2.89	28.2	13.3	0.68	1060	1.57	1.64	8.1	3.7	670
N814208		2.95	15.90	0.15	1.3	0.028	2.90	27.6	12.9	0.67	1020	1.74	1.77	7.8	2.5	650
N814209		2.85	16.55	0.16	1.3	0.031	2.76	25.5	11.1	0.72	683	0.91	2.01	7.9	2.3	640
N814210		2.96	16.05	0.16	1.3	0.021	2.85	26.4	10.5	0.72	678	0.93	2.05	8.6	2.1	660
N814211		3.48	16.95	0.16	1.5	0.056	3.46	25.6	15.3	0.33	2570	5.86	0.48	7.8	2.7	640
N814212		3.70	17.35	0.17	1.4	0.066	2.96	29.5	14.4	0.79	1140	4.35	1.88	8.5	2.5	670
N814213		3.11	16.85	0.14	1.4	0.029	2.69	27.0	19.6	0.96	769	1.17	2.11	10.0	2.7	670
N814214		5.19	15.65	0.20	1.3	0.909	2.74	22.3	23.3	0.68	1860	12.20	0.26	7.8	15.6	450
N814215		3.07	17.00	0.16	1.5	0.025	2.70	27.4	15.2	0.91	763	0.99	2.23	8.1	2.6	670
N814216		2.92	16.60	0.18	1.5	0.024	2.69	22.9	22.2	0.59	767	2.41	1.57	8.4	2.2	670
N814217		3.20	16.50	0.16	1.5	0.026	2.68	27.8	16.0	0.84	749	1.72	2.20	8.1	3.9	660
N814218		3.15	16.85	0.18	1.5	0.036	2.65	26.7	15.5	0.92	714	1.44	2.35	7.9	2.8	680
N814219		3.28	17.15	0.15	1.4	0.031	2.67	27.5	15.8	0.93	788	4.07	2.28	8.1	2.6	690
N814220		3.06	16.50	0.14	1.3	0.072	2.27	24.7	18.7	0.75	839	31.7	1.83	8.3	2.4	690
N814221		0.46	0.39	0.17	<0.1	<0.005	0.07	0.7	2.3	12.80	204	0.67	0.01	0.3	1.5	200
N814222		3.06	16.00	0.16	1.5	0.031	2.61	21.7	18.3	0.90	723	8.86	1.96	7.9	2.4	650
N814223		3.11	17.20	0.07	1.2	0.041	2.60	20.5	16.8	0.86	770	30.8	2.19	8.3	3.0	630
N814224		3.03	16.45	0.07	1.2	0.045	2.56	21.2	16.5	0.85	757	15.05	2.20	7.7	2.8	620
N814225		2.98	16.40	0.07	1.4	0.043	2.35	18.1	19.0	0.84	700	3.07	2.09	7.4	3.1	620
N814226		3.05	16.90	0.07	1.2	0.047	2.49	19.6	19.1	0.85	737	2.83	2.00	7.7	2.8	610
N814227		3.21	16.95	0.07	1.2	0.056	2.46	20.4	16.1	0.84	739	6.30	1.93	8.0	2.8	620
N814228		3.02	17.10	0.09	1.3	0.042	2.50	19.7	16.1	0.77	707	1.13	1.93	8.1	2.9	580
N814229		3.19	17.00	0.07	1.4	0.047	2.50	18.8	23.4	0.66	676	1.10	1.16	7.8	2.6	630
N814230		3.28	17.10	0.08	1.4	0.057	2.58	21.7	15.7	0.80	777	1.28	1.89	8.3	3.0	670
N814231		5.24	15.50	0.08	1.3	0.818	2.78	20.9	25.3	0.68	1980	11.85	0.26	7.2	15.2	490
N814232		3.09	17.40	0.09	1.4	0.044	2.72	25.6	17.3	0.85	686	1.12	2.31	8.0	2.9	600
N814233		2.85	18.35	0.10	1.5	0.033	2.60	19.9	21.3	0.69	814	1.59	1.55	8.6	3.7	620
N814234		3.10	17.30	0.07	1.5	0.046	2.52	21.0	15.5	0.81	705	1.55	2.15	8.3	2.9	610
N814235		3.09	17.20	0.07	1.5	0.041	2.51	21.9	16.3	0.83	734	1.28	2.22	8.5	3.2	650
N814236		3.23	17.10	0.07	1.4	0.046	2.71	20.5	24.0	0.72	741	0.70	1.10	8.0	2.9	610
N814237		0.46	0.84	0.05	<0.1	0.013	0.15	1.0	4.0	11.80	210	0.81	0.02	0.2	5.9	240
N814238		2.96	17.25	0.08	1.5	0.046	2.32	20.7	14.0	0.81	740	0.55	2.25	8.0	2.8	580
N814239		2.85	16.65	0.06	1.3	0.048	2.13	17.1	25.0	0.55	838	0.44	1.01	7.9	2.5	560
N814240		3.01	16.05	0.08	1.3	0.058	1.58	21.0	16.1	0.88	995	0.65	2.28	7.8	2.9	570



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Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12187927**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814205		30.6	165.0	<0.002	0.01	12.00	10.5	1	2.6	89.7	0.62	<0.05	12.5	0.263	2.14	3.3
N814206		17.4	97.5	0.004	<0.01	0.87	13.1	1	1.9	386	0.65	<0.05	13.5	0.301	0.96	1.7
N814207		17.4	126.0	<0.002	0.03	7.85	11.5	2	2.0	280	0.64	0.06	13.6	0.270	1.41	2.2
N814208		18.7	120.5	0.002	0.01	2.87	10.9	<1	1.7	295	0.63	<0.05	13.5	0.272	1.32	2.1
N814209		15.9	108.5	<0.002	0.01	1.51	11.1	1	1.6	351	0.63	<0.05	13.4	0.267	1.15	1.6
N814210		15.7	111.0	0.002	0.03	1.75	10.8	1	1.6	357	0.64	<0.05	14.4	0.264	1.15	1.8
N814211		60.6	171.5	0.002	0.06	14.70	11.1	1	1.6	118.5	0.65	0.05	13.6	0.266	2.31	4.4
N814212		37.2	121.0	<0.002	0.09	4.38	11.5	1	1.6	339	0.66	<0.05	14.6	0.275	1.28	2.4
N814213		16.9	95.5	<0.002	<0.01	1.06	11.3	1	1.5	374	0.69	<0.05	15.0	0.272	0.97	1.9
N814214		1230	153.5	<0.002	2.87	34.2	9.3	2	6.2	147.0	0.58	0.30	11.7	0.186	2.43	4.9
N814215		17.7	101.0	<0.002	0.01	1.14	11.2	<1	1.6	387	0.67	0.06	13.9	0.272	0.97	2.3
N814216		20.0	99.4	0.002	0.05	2.97	10.8	2	1.5	295	0.68	<0.05	13.0	0.284	1.26	2.3
N814217		20.0	109.0	<0.002	0.02	0.96	11.2	1	1.5	386	0.66	<0.05	15.1	0.276	1.02	2.5
N814218		17.8	97.4	<0.002	<0.01	0.51	11.4	1	1.6	411	0.68	<0.05	13.7	0.272	0.89	2.9
N814219		19.2	102.5	<0.002	<0.01	0.87	11.8	1	1.7	413	0.63	0.05	14.0	0.283	0.89	1.4
N814220		38.1	93.4	0.002	0.04	5.90	11.8	2	3.0	330	0.65	<0.05	12.3	0.288	1.01	2.4
N814221		1.5	4.0	<0.002	<0.01	0.18	0.4	<1	0.2	42.1	<0.05	<0.05	0.2	0.006	0.04	0.5
N814222		16.3	93.8	0.002	0.01	1.54	11.0	1	1.6	369	0.62	<0.05	12.4	0.267	0.92	1.9
N814223		17.1	88.7	0.004	0.01	1.36	10.6	1	1.7	402	0.67	<0.05	10.9	0.269	0.99	2.3
N814224		16.8	90.0	0.002	0.01	1.33	10.4	1	1.7	402	0.65	<0.05	11.2	0.259	0.95	2.3
N814225		16.8	79.7	0.003	0.01	1.91	10.4	1	1.9	403	0.63	<0.05	10.3	0.246	0.92	2.5
N814226		18.6	83.9	<0.002	0.09	1.69	10.1	1	1.8	372	0.66	<0.05	11.6	0.255	0.99	3.2
N814227		25.6	87.7	0.003	0.21	2.19	10.5	1	2.4	337	0.66	<0.05	10.4	0.258	1.10	3.6
N814228		17.4	83.5	0.002	0.04	1.94	9.9	1	2.3	360	0.68	<0.05	10.7	0.254	1.01	3.3
N814229		19.1	85.7	0.002	0.17	5.06	9.9	1	2.0	252	0.64	<0.05	10.1	0.262	1.12	3.7
N814230		21.3	95.4	0.002	0.24	1.90	10.4	1	2.0	342	0.67	<0.05	11.4	0.263	1.17	4.5
N814231		1335	141.0	0.003	3.10	34.1	8.5	1	6.1	151.5	0.62	0.24	11.0	0.200	2.59	5.1
N814232		21.8	97.5	0.002	0.02	0.95	10.5	1	1.7	401	0.69	<0.05	13.0	0.258	1.05	5.2
N814233		18.8	98.4	<0.002	0.07	4.51	10.2	1	4.0	276	0.77	<0.05	11.2	0.265	1.24	5.1
N814234		17.7	87.7	<0.002	0.02	2.46	10.7	1	1.8	374	0.69	<0.05	12.4	0.254	1.06	4.9
N814235		17.6	90.1	0.002	0.02	1.69	10.2	1	1.9	389	0.76	<0.05	11.9	0.260	1.02	5.2
N814236		17.9	100.0	0.002	0.34	8.69	9.8	1	2.1	237	0.71	<0.05	11.9	0.260	1.30	4.7
N814237		1.8	5.8	0.002	0.02	0.27	0.6	1	0.3	42.1	<0.05	<0.05	0.2	0.012	0.05	0.9
N814238		20.2	74.9	0.002	0.05	2.47	10.3	1	1.8	419	0.65	<0.05	10.6	0.249	0.97	4.0
N814239		19.4	69.2	0.003	0.08	6.40	9.7	1	2.2	203	0.71	<0.05	9.6	0.244	0.95	3.8
N814240		17.6	66.5	<0.002	0.13	4.20	10.1	1	1.9	336	0.64	<0.05	10.3	0.236	1.00	3.9



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Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12187927**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814205		81	2.6	13.9	165	30.7
N814206		92	2.3	19.5	73	32.8
N814207		77	1.8	15.5	91	32.8
N814208		77	1.8	15.5	107	31.8
N814209		74	1.4	15.7	69	32.0
N814210		73	1.6	15.5	61	32.6
N814211		79	2.7	15.1	196	32.5
N814212		79	2.1	18.5	136	35.5
N814213		76	2.3	16.7	61	36.0
N814214		57	5.3	11.0	2770	39.7
N814215		76	2.0	17.2	58	37.8
N814216		80	2.7	14.7	68	35.5
N814217		77	1.7	17.4	57	36.1
N814218		78	2.7	17.1	55	35.5
N814219		80	20.0	17.5	65	34.1
N814220		83	26.5	15.5	114	31.6
N814221		4	0.2	0.9	15	0.5
N814222		76	3.9	16.3	51	34.1
N814223		77	13.1	14.1	53	33.1
N814224		74	7.0	14.0	52	32.7
N814225		75	2.6	13.0	50	35.4
N814226		75	1.8	14.5	51	35.1
N814227		77	4.5	14.6	54	32.0
N814228		74	2.3	14.5	50	38.7
N814229		76	3.4	12.9	53	34.6
N814230		79	2.4	14.5	53	35.0
N814231		57	5.5	10.1	3000	35.3
N814232		76	1.8	15.5	56	37.1
N814233		78	3.0	13.9	52	38.2
N814234		73	1.9	15.0	48	37.8
N814235		76	2.4	15.5	208	38.4
N814236		76	3.9	13.8	52	35.5
N814237		6	0.2	1.2	13	0.7
N814238		72	1.4	14.7	60	38.7
N814239		73	4.1	13.6	58	38.0
N814240		67	2.1	13.6	63	35.0





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**CERTIFICATE OF ANALYSIS WH12187927**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12187928**

Project: Klaza - 102

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12187928**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814241		7.36	<0.005	0.05	8.02	4.9	2270	1.63	0.15	2.99	0.08	52.4	8.2	15	6.51	8.9
N814242		3.81	<0.005	0.07	7.82	5.8	2210	1.69	0.17	2.84	0.09	43.8	7.0	13	13.65	6.7
N814243		2.54	<0.005	0.22	7.41	34.4	1590	1.62	0.60	2.82	0.15	45.0	10.0	11	20.3	15.3
N814244		3.01	0.006	0.25	7.37	28.1	1760	1.74	0.97	3.04	0.12	45.2	10.9	10	15.10	13.0
N814245		3.52	<0.005	0.08	7.69	12.3	1920	1.50	0.36	3.08	0.09	44.2	9.1	10	19.80	16.8
N814246		7.14	<0.005	0.05	7.67	4.5	2180	1.61	0.10	2.93	0.07	47.3	7.5	14	12.55	9.0
N814247		3.01	0.005	0.20	7.89	46.8	1530	1.79	0.75	3.20	0.15	52.0	17.2	9	25.0	21.1
N814248		2.86	<0.005	0.02	0.07	<5	20	<0.05	0.02	21.9	0.06	1.22	0.6	2	0.21	1.5
N814249		3.00	<0.005	0.04	7.69	4.9	2150	1.50	0.15	2.84	0.07	46.0	7.7	11	17.20	21.8
N814250		2.74	<0.005	0.14	8.09	4.7	2250	1.63	0.32	2.85	0.08	49.8	8.2	18	14.20	11.0
N814251		0.98	<0.005	0.09	8.16	8.2	2240	1.72	0.26	2.75	0.07	48.0	7.8	12	13.00	10.9
N814252		6.73	<0.005	0.03	7.86	5.5	2250	1.48	0.10	2.86	0.07	47.3	7.5	13	9.94	7.0
N814253		0.26	2.38	26.3	6.25	3620	1830	1.30	19.80	2.33	85.9	49.6	11.0	18	16.10	443
N814254		8.71	<0.005	0.13	7.76	9.7	2200	1.61	0.14	2.99	0.22	50.3	8.2	13	10.30	6.4
N814255		3.83	0.009	0.76	7.46	58.5	1760	1.52	0.49	3.05	5.05	48.7	11.6	11	15.85	7.4
N814256		2.40	0.008	0.77	7.09	27.9	3300	1.59	0.21	2.77	9.22	47.5	9.5	11	17.25	5.6
N814257		8.75	<0.005	0.11	7.71	6.5	2140	1.68	0.22	2.81	0.19	44.5	6.8	12	18.15	6.0
N814258		3.96	<0.005	0.19	7.57	21.7	1720	1.74	0.60	2.98	0.18	50.3	10.1	10	19.70	2.5
N814259		4.32	<0.005	0.14	7.80	7.5	2360	1.88	0.69	3.29	0.10	40.7	7.5	10	18.30	1.3
N814260		7.85	<0.005	0.04	7.94	4.6	2210	1.73	0.08	2.96	0.08	44.3	7.8	15	11.95	2.7
N814261		4.30	<0.005	0.10	8.15	4.2	2040	1.63	0.07	2.70	0.10	46.6	8.3	12	14.10	5.3
N814262		3.38	0.018	0.55	7.49	49.3	1060	1.61	1.94	2.26	0.17	47.8	22.5	10	17.35	17.6
N814263		3.46	<0.005	0.02	0.07	6	20	0.07	0.03	21.6	0.07	1.21	0.7	1	0.30	2.1
N814264		6.72	<0.005	0.05	7.66	5.2	2210	1.64	0.12	2.93	0.08	44.1	8.8	12	13.70	8.3
N814265		2.50	<0.005	0.06	7.58	16.0	1830	1.60	0.08	3.50	0.13	43.1	8.6	9	26.8	9.9
N814266		5.89	<0.005	0.04	7.76	3.6	2190	1.56	0.08	2.90	0.08	46.0	8.1	14	7.75	7.2
N814267		2.84	<0.005	0.05	7.33	5.1	2080	1.53	0.19	3.04	0.12	40.2	7.3	11	19.45	7.6
N814268		7.12	<0.005	0.24	7.75	7.2	1990	1.71	0.19	2.96	0.14	48.4	7.9	17	13.90	7.7
N814269		0.26	0.795	10.30	6.95	1930	1690	1.64	6.55	2.00	46.2	46.4	16.9	20	18.10	117.5
N814270		2.69	<0.005	0.18	7.78	11.0	2170	1.65	0.22	3.00	0.20	44.1	8.4	11	12.30	15.7
N814271		6.97	<0.005	0.21	7.77	1.8	2150	1.33	0.14	2.92	0.14	48.9	8.2	15	6.42	21.4
N814272		3.43	<0.005	0.07	7.49	6.5	2160	1.38	0.07	2.73	0.09	43.5	7.8	11	7.92	9.2
N814273		<0.02	<0.005	0.08	7.42	6.7	2160	1.34	0.07	2.71	0.10	45.0	7.8	13	7.84	7.4
N814274		6.02	<0.005	0.07	7.27	6.7	2000	1.45	0.10	2.79	0.08	44.9	7.4	10	9.83	4.7
N814275		6.56	<0.005	0.09	7.41	5.5	1880	1.43	0.24	2.85	0.06	47.1	6.4	12	10.10	4.0
N814276		3.01	<0.005	0.06	6.99	6.3	1540	1.32	0.48	3.19	0.15	41.6	5.0	10	11.60	2.1



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Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12187928**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814241		3.38	18.00	0.07	1.4	0.048	2.59	25.4	15.7	1.00	728	1.05	2.52	8.8	3.0	700
N814242		3.27	16.85	0.08	1.4	0.055	2.74	22.6	23.4	0.91	686	1.95	2.26	8.6	3.0	650
N814243		3.37	16.75	0.08	1.2	0.053	2.73	22.2	37.0	0.86	590	2.52	1.05	8.0	2.9	590
N814244		3.13	16.90	0.08	1.2	0.046	2.92	23.8	20.4	0.87	657	0.97	0.90	7.8	3.0	620
N814245		3.23	17.00	0.08	1.2	0.046	2.74	21.4	31.1	0.75	670	1.13	0.95	8.0	3.1	640
N814246		3.09	17.75	0.08	1.1	0.045	2.74	22.3	21.3	0.84	636	1.17	2.29	8.5	3.1	630
N814247		3.17	16.45	0.09	1.2	0.059	2.81	28.5	64.2	1.16	956	2.16	0.18	7.7	3.0	600
N814248		0.48	0.20	0.09	<0.1	0.006	0.02	0.6	1.0	13.55	205	0.15	0.01	0.2	2.0	190
N814249		3.11	16.90	0.13	1.3	0.047	2.74	23.4	25.2	0.72	663	1.18	1.80	8.3	2.9	610
N814250		3.26	18.60	0.10	1.4	0.048	2.81	25.6	14.6	0.91	644	0.99	2.49	8.9	3.3	650
N814251		3.17	17.25	0.10	1.2	0.045	2.80	25.0	14.3	0.86	628	0.92	2.43	8.4	3.0	630
N814252		3.12	16.75	0.08	1.3	0.037	2.67	24.3	20.8	0.97	685	0.89	2.41	8.1	2.9	620
N814253		6.80	15.15	0.08	0.8	1.800	2.73	25.5	24.0	0.97	1930	13.70	0.05	6.1	16.0	460
N814254		3.20	17.60	0.07	1.2	0.052	2.67	25.1	23.3	0.95	689	1.14	2.34	8.7	3.1	660
N814255		3.59	15.95	0.08	1.1	0.076	2.85	23.9	34.6	0.98	1840	1.55	0.92	7.8	3.0	570
N814256		3.33	16.80	0.08	1.1	0.110	2.59	24.0	49.6	0.86	2120	1.17	1.34	8.0	2.9	580
N814257		3.38	18.20	0.09	1.3	0.054	2.63	21.6	18.2	0.83	636	0.76	2.19	9.3	3.2	640
N814258		3.09	16.80	0.09	1.2	0.091	2.40	25.7	42.0	0.75	992	0.40	0.85	8.4	2.9	600
N814259		3.30	17.25	0.08	1.3	0.074	2.02	19.2	22.3	0.85	844	0.36	2.37	8.7	2.8	630
N814260		3.30	17.75	0.08	1.3	0.045	2.60	20.3	17.2	0.94	704	0.57	2.46	9.1	3.4	660
N814261		3.36	18.15	0.09	1.2	0.040	2.62	22.3	21.4	0.82	666	0.63	1.72	9.0	3.1	670
N814262		3.26	16.10	0.09	1.1	0.154	2.82	27.4	34.8	0.87	1220	3.19	0.12	7.7	3.1	590
N814263		0.47	0.21	0.09	<0.1	0.006	0.03	0.6	1.1	13.45	216	0.10	0.01	0.2	1.6	170
N814264		3.25	17.20	0.09	1.2	0.046	2.67	20.1	15.2	0.85	654	0.90	2.21	8.5	3.2	650
N814265		3.20	16.60	0.08	1.2	0.043	2.52	22.1	30.1	1.03	944	0.68	0.52	8.2	2.9	630
N814266		3.22	17.20	0.08	1.2	0.039	2.69	22.0	15.1	0.93	690	1.36	2.41	8.6	3.0	630
N814267		3.01	17.55	0.10	1.2	0.037	2.57	18.5	20.7	0.65	689	2.83	1.46	8.8	2.9	640
N814268		3.13	16.95	0.09	1.2	0.046	2.62	24.1	22.9	0.93	720	2.16	1.89	8.6	3.8	630
N814269		5.42	16.25	0.09	1.2	0.960	2.96	24.0	26.8	0.74	2030	13.75	0.28	7.7	16.3	510
N814270		3.23	16.90	0.09	1.1	0.053	2.74	20.9	19.2	0.84	675	1.96	2.17	8.1	3.0	640
N814271		3.41	17.80	0.15	1.4	0.057	2.55	25.1	15.8	1.08	773	1.94	2.24	7.7	5.4	680
N814272		3.08	17.10	0.15	1.4	0.047	2.67	20.5	13.0	0.86	713	1.50	2.17	8.1	2.7	620
N814273		3.11	16.85	0.14	1.4	0.042	2.66	22.5	13.2	0.86	712	1.52	2.16	7.8	2.6	610
N814274		3.01	16.45	0.13	1.4	0.056	2.57	21.5	14.4	0.80	793	0.69	1.99	7.6	2.4	600
N814275		3.23	16.60	0.15	1.4	0.063	2.01	23.4	16.3	0.94	806	0.54	2.33	7.9	2.5	670
N814276		3.24	15.60	0.15	1.2	0.104	1.80	20.3	19.6	0.85	775	0.42	2.02	7.0	3.2	560



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**CERTIFICATE OF ANALYSIS WH12187928**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814241		17.2	88.6	<0.002	0.02	1.67	12.2	1	1.7	453	0.72	<0.05	11.5	0.298	1.02	4.0
N814242		15.7	96.7	0.003	0.02	2.68	12.0	1	1.7	411	0.72	<0.05	11.1	0.286	1.12	3.3
N814243		17.9	112.5	0.002	0.44	5.86	11.2	1	1.9	214	0.67	<0.05	11.7	0.261	1.54	4.0
N814244		14.5	118.5	<0.002	0.49	6.60	11.0	1	3.4	199.0	0.57	<0.05	10.1	0.271	1.67	5.0
N814245		15.1	99.6	0.004	0.14	7.46	11.4	1	4.6	229	0.58	<0.05	10.2	0.284	1.16	3.9
N814246		15.0	97.3	0.002	0.01	2.02	11.3	1	1.7	419	0.63	<0.05	10.0	0.283	0.95	2.9
N814247		10.4	130.0	<0.002	0.57	13.45	11.3	1	4.2	132.5	0.63	<0.05	12.6	0.265	1.88	5.4
N814248		1.3	1.3	<0.002	0.01	0.11	0.2	<1	0.2	50.2	<0.05	<0.05	0.2	<0.005	0.02	0.6
N814249		15.3	100.0	<0.002	0.03	5.70	10.9	1	5.2	335	0.64	<0.05	11.7	0.280	1.08	3.0
N814250		16.0	103.0	<0.002	0.01	2.26	12.0	1	1.8	434	0.69	<0.05	12.4	0.287	1.05	3.4
N814251		15.5	108.5	<0.002	0.01	1.87	11.4	1	1.6	425	0.68	<0.05	13.1	0.284	1.00	4.8
N814252		15.3	90.3	0.002	0.01	1.41	10.9	1	1.7	442	0.69	<0.05	11.8	0.281	0.99	3.6
N814253		2890	163.0	0.002	5.08	99.6	8.4	1	8.5	100.5	0.47	0.36	10.1	0.185	2.50	5.2
N814254		19.6	92.2	<0.002	0.01	3.18	11.2	1	1.6	428	0.74	<0.05	11.9	0.288	1.00	3.1
N814255		182.5	120.0	<0.002	0.79	16.55	10.8	1	1.6	224	0.62	<0.05	11.7	0.265	1.81	5.6
N814256		193.5	98.4	<0.002	0.50	14.65	10.7	1	1.7	323	0.66	<0.05	10.8	0.257	1.45	4.2
N814257		21.3	93.5	<0.002	0.02	5.53	11.7	1	1.8	392	0.82	<0.05	11.6	0.283	1.20	4.0
N814258		16.4	107.5	<0.002	0.19	11.90	11.2	1	2.4	212	0.69	<0.05	12.2	0.271	1.75	4.7
N814259		19.2	79.3	<0.002	0.07	5.96	11.2	1	2.1	407	0.75	<0.05	11.0	0.286	1.00	3.4
N814260		17.0	85.9	<0.002	0.01	1.78	12.1	1	1.8	462	0.78	<0.05	11.3	0.291	1.00	3.4
N814261		17.3	96.4	0.002	0.01	5.96	12.4	1	1.9	358	0.71	<0.05	12.6	0.306	1.04	3.1
N814262		15.5	164.5	<0.002	0.78	14.75	11.1	1	2.7	103.0	0.66	<0.05	13.1	0.257	2.03	4.8
N814263		1.5	1.6	<0.002	0.01	0.12	0.2	<1	<0.2	49.2	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N814264		16.3	87.1	<0.002	0.03	2.21	11.1	<1	1.6	420	0.72	<0.05	10.0	0.287	1.03	2.8
N814265		13.4	77.9	<0.002	0.16	7.43	11.1	2	1.5	227	0.72	<0.05	10.9	0.280	1.28	4.5
N814266		15.2	91.5	<0.002	0.01	0.91	11.2	<1	1.6	427	0.72	<0.05	11.4	0.286	0.87	4.0
N814267		17.5	82.2	0.002	0.09	4.02	10.7	1	1.5	327	0.72	<0.05	9.7	0.288	1.00	3.8
N814268		19.1	90.0	<0.002	0.06	2.86	11.8	1	1.6	380	0.67	<0.05	12.2	0.288	1.02	3.8
N814269		1375	160.0	<0.002	3.24	36.1	9.2	1	6.1	161.5	0.63	0.45	11.3	0.216	2.47	5.1
N814270		22.1	94.9	<0.002	0.05	2.59	11.5	<1	1.5	414	0.61	<0.05	10.8	0.288	1.08	3.3
N814271		21.8	95.9	<0.002	0.01	1.45	13.0	1	1.6	434	0.62	<0.05	12.9	0.290	1.01	4.0
N814272		16.7	89.1	<0.002	0.02	1.26	11.1	1	1.5	410	0.68	<0.05	12.2	0.273	0.94	3.6
N814273		16.3	92.2	<0.002	0.02	1.23	11.2	1	1.5	406	0.69	<0.05	12.7	0.270	0.96	3.6
N814274		17.5	100.5	<0.002	0.05	1.89	10.7	1	1.5	394	0.65	<0.05	12.6	0.255	1.04	3.4
N814275		19.8	71.3	<0.002	0.01	3.28	11.6	1	1.7	436	0.69	<0.05	13.3	0.278	0.89	4.0
N814276		23.6	68.6	<0.002	0.02	5.41	10.0	1	1.8	407	0.59	<0.05	11.2	0.244	0.83	3.9



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 Plus Appendix Pages  
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Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12187928**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814241		87	1.4	17.9	56	44.9
N814242		84	1.6	17.3	52	42.3
N814243		75	2.8	14.1	49	39.0
N814244		77	2.7	14.5	41	40.7
N814245		80	2.6	15.6	48	37.8
N814246		79	1.3	15.3	50	34.6
N814247		75	3.7	16.3	47	35.1
N814248		2	0.1	0.8	13	<0.5
N814249		77	1.7	16.1	51	38.4
N814250		83	1.3	16.8	53	41.8
N814251		77	1.1	16.4	50	36.0
N814252		78	1.2	15.9	53	38.3
N814253		59	5.3	10.2	5350	26.8
N814254		80	1.6	16.2	56	35.7
N814255		75	2.1	15.5	434	31.6
N814256		71	1.9	15.5	847	33.5
N814257		81	2.5	16.3	60	37.3
N814258		73	4.4	16.5	53	34.8
N814259		74	2.9	16.6	63	34.4
N814260		83	1.0	18.0	56	38.1
N814261		84	3.9	17.4	52	33.0
N814262		74	6.9	15.6	52	31.3
N814263		2	0.1	0.8	15	<0.5
N814264		83	1.7	15.9	54	33.7
N814265		80	4.5	17.0	61	34.5
N814266		80	0.7	16.8	54	37.1
N814267		81	3.2	14.6	55	39.2
N814268		81	1.7	16.9	55	37.7
N814269		60	5.5	11.8	3160	42.4
N814270		81	1.8	15.4	54	32.9
N814271		89	1.1	17.3	56	33.9
N814272		78	0.7	15.7	52	35.7
N814273		77	0.8	15.8	51	35.3
N814274		72	1.3	15.3	44	33.5
N814275		85	2.3	16.2	56	35.6
N814276		72	4.0	14.8	50	29.1



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**CERTIFICATE OF ANALYSIS WH12187928**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12187929**

Project: Klaza - 102

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager





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**CERTIFICATE OF ANALYSIS WH12187929**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814277		8.04	<0.005	0.05	7.70	4.9	2200	1.43	0.10	2.79	0.10	44.6	7.3	18	8.76	5.4
N814278		4.39	<0.005	0.06	7.51	4.4	2240	1.41	0.09	2.69	0.08	47.6	7.7	16	7.41	4.2
N814279		<0.02	<0.005	0.05	7.28	4.6	2210	1.45	0.08	2.68	0.08	41.6	7.4	15	6.94	4.9
N814280		5.73	<0.005	0.12	7.43	7.6	1850	1.41	0.19	2.80	0.10	46.5	8.3	19	10.35	6.6
N814281		0.26	0.777	10.25	6.72	1615	980	1.37	6.36	1.89	43.2	45.2	16.7	20	16.20	110.0
N814282		7.02	<0.005	0.05	7.39	9.3	2030	1.41	0.10	2.89	0.12	48.3	8.0	19	10.25	5.2
N814283		2.91	<0.005	0.06	7.34	8.2	1710	1.39	0.17	2.84	0.13	41.2	9.6	13	15.65	2.6
N814284		2.78	<0.005	0.14	6.64	14.5	830	1.41	1.79	3.37	0.25	37.5	10.6	12	27.7	1.0
N814285		5.27	0.045	1.10	6.68	103.0	870	1.34	1.41	4.84	8.63	46.1	19.4	9	17.95	7.6
N814286		2.53	<0.005	0.07	0.08	<5	20	0.06	0.04	21.0	0.07	1.21	0.6	1	0.20	2.2
N814287		7.66	<0.005	0.17	7.33	9.9	1140	1.57	0.57	2.10	0.24	42.4	5.4	11	23.7	5.7
N814288		5.90	<0.005	0.12	7.64	6.8	1870	1.33	0.27	2.65	0.11	44.3	9.0	13	11.95	11.5
N814289		4.42	<0.005	0.18	7.45	5.7	930	1.40	1.32	2.10	0.09	52.4	8.3	19	15.10	3.9
N814290		5.92	<0.005	0.18	7.73	4.7	1920	1.36	0.27	2.14	0.11	48.6	7.0	17	10.25	4.6
N814291		5.02	<0.005	0.14	7.50	5.3	2250	1.39	0.28	2.14	0.12	43.7	7.6	19	10.25	8.4
N814292		2.92	0.021	3.03	6.50	34.4	1430	1.39	8.07	6.65	0.70	50.1	10.1	9	23.5	9.4
N814293		3.63	<0.005	0.13	0.07	<5	20	0.05	0.05	21.2	0.07	1.12	0.6	<1	0.19	1.1
N814294		4.80	<0.005	0.22	7.69	6.3	2200	1.51	0.18	2.64	0.22	50.1	8.2	15	8.30	9.0
N814295		8.41	<0.005	0.08	7.47	2.9	2720	1.56	0.08	2.74	0.07	47.7	7.9	17	7.10	5.3
N814296		8.32	<0.005	0.13	7.50	7.3	2300	1.48	0.33	2.85	0.14	45.7	7.3	16	5.57	8.2
N814297		5.72	<0.005	0.08	7.61	6.0	1720	1.56	0.28	2.83	0.10	52.7	5.9	18	5.51	2.7
N814298		5.17	<0.005	0.06	7.28	5.2	1900	1.37	0.19	2.71	0.14	42.4	5.4	17	6.07	5.5
N814299		2.21	<0.005	0.10	7.64	7.5	1940	1.53	0.22	2.70	0.16	49.8	6.8	18	6.49	23.8
N814300		6.63	0.005	0.31	7.32	17.1	1760	1.42	0.40	2.95	2.23	41.8	10.6	15	9.62	13.4
N814301		6.92	<0.005	0.04	7.18	4.8	2080	1.46	0.18	2.66	0.10	44.9	6.7	13	7.09	3.2
N814302		7.17	<0.005	0.03	7.53	6.3	2070	1.49	0.21	2.77	0.07	52.0	6.8	16	9.72	2.6
N814303		0.26	0.790	10.75	6.76	1580	1020	1.60	6.39	1.89	44.2	45.3	17.0	21	16.90	111.5
N814304		6.07	<0.005	0.22	7.10	5.0	1880	1.42	0.07	2.82	0.13	43.1	7.3	18	10.10	6.1
N814305		2.83	<0.005	0.15	6.70	9.3	1670	1.45	0.09	2.86	0.19	37.0	6.4	17	23.7	4.7
N814306		2.70	0.012	0.83	6.21	50.4	1010	1.37	0.09	5.31	3.33	40.4	6.6	13	22.6	4.1
N814307		3.69	<0.005	0.07	7.48	4.7	1950	1.46	0.16	2.76	0.13	46.6	7.5	18	13.25	2.9
N814308		8.08	<0.005	0.02	7.05	3.9	1810	1.33	0.23	2.63	0.09	48.0	5.5	20	10.00	2.0
N814309		6.75	<0.005	0.06	7.19	10.4	1260	1.32	0.85	2.82	0.06	47.3	7.0	21	17.70	1.4
N814310		4.18	<0.005	0.11	7.09	27.0	1450	1.43	0.41	2.52	0.12	42.1	18.4	14	18.25	1.8
N814311		4.40	<0.005	0.09	7.04	16.8	880	1.21	0.54	1.49	0.05	50.6	20.0	13	13.90	1.2
N814312		6.98	<0.005	0.03	7.87	10.8	2500	1.23	1.16	2.37	0.08	54.2	8.9	15	18.55	3.7



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Account: ROCKHA

Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12187929**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814277		3.30	17.50	0.13	1.4	0.045	2.59	21.4	15.9	0.94	695	1.18	2.31	8.1	2.8	670
N814278		3.15	18.10	0.15	1.4	0.049	2.59	22.6	15.7	0.90	655	1.05	2.20	8.5	3.2	620
N814279		3.05	16.95	0.14	1.4	0.045	2.57	21.3	14.7	0.86	644	1.09	2.16	8.2	3.0	620
N814280		3.01	17.35	0.13	1.4	0.051	2.63	22.5	12.6	0.78	686	1.34	2.02	8.2	2.6	600
N814281		5.30	15.90	0.15	1.4	0.979	2.85	22.1	23.2	0.69	1990	13.50	0.26	7.5	14.3	500
N814282		3.12	17.80	0.14	1.3	0.049	2.57	23.1	12.6	0.86	703	1.27	2.19	8.5	3.0	640
N814283		3.18	17.20	0.14	1.3	0.050	2.25	20.0	22.6	0.74	755	0.74	1.88	8.2	2.8	640
N814284		3.55	15.70	0.14	1.0	0.212	1.29	17.9	23.7	0.71	818	0.75	1.55	6.1	2.5	510
N814285		3.72	14.40	0.15	1.0	0.242	2.81	24.1	21.2	1.35	2670	0.81	0.05	6.3	2.8	490
N814286		0.44	0.20	0.11	<0.1	0.005	0.03	0.6	1.0	12.50	209	0.22	0.01	0.1	2.0	200
N814287		3.22	16.55	0.16	1.2	0.101	1.81	20.5	30.8	0.71	756	0.71	1.03	7.7	1.9	630
N814288		3.38	17.15	0.13	1.3	0.050	2.34	20.0	19.2	0.72	626	0.84	1.26	8.0	2.4	640
N814289		3.70	16.05	0.15	1.2	0.148	1.07	28.2	26.6	1.08	981	1.40	1.93	8.0	3.0	600
N814290		3.41	15.80	0.16	1.3	0.063	2.14	24.6	18.7	0.92	668	0.99	1.41	7.9	2.6	640
N814291		3.23	16.05	0.15	1.3	0.061	2.19	22.3	17.2	0.92	777	1.18	1.79	7.9	2.6	620
N814292		3.71	16.50	0.14	0.8	0.311	1.86	29.4	21.6	0.94	1880	1.05	0.99	5.6	2.4	420
N814293		0.48	0.14	0.10	<0.1	0.005	0.02	0.5	0.9	12.60	226	0.76	0.01	0.1	1.7	160
N814294		3.13	17.80	0.16	1.2	0.052	2.71	25.0	16.0	0.90	744	1.62	1.98	8.8	2.8	650
N814295		3.08	16.90	0.14	1.4	0.041	2.62	22.9	14.0	0.91	732	5.75	2.22	8.2	2.7	620
N814296		3.06	16.70	0.15	1.3	0.050	2.33	22.2	12.7	0.88	739	1.18	2.31	8.0	2.7	620
N814297		3.08	17.20	0.17	1.3	0.060	1.83	27.5	13.8	0.92	733	1.27	2.54	8.1	2.8	610
N814298		3.11	16.05	0.12	1.2	0.051	2.49	20.6	13.7	0.81	641	1.19	2.24	7.6	2.4	600
N814299		3.23	16.80	0.17	1.3	0.048	2.55	26.2	13.5	0.84	653	1.35	2.29	8.0	2.8	630
N814300		3.37	16.20	0.13	1.2	0.064	2.64	19.3	12.6	0.77	1410	1.17	1.64	7.7	2.5	610
N814301		2.86	16.20	0.14	1.2	0.035	2.15	22.1	12.6	0.74	697	0.96	2.16	7.5	2.4	560
N814302		2.97	17.20	0.17	1.3	0.044	1.85	25.1	15.4	0.83	692	1.03	2.41	8.0	2.5	590
N814303		5.31	16.45	0.17	1.5	0.985	2.85	23.4	24.3	0.69	2000	13.30	0.26	7.6	14.3	500
N814304		3.10	16.65	0.14	1.3	0.044	2.42	19.4	12.5	0.75	703	1.27	2.11	8.0	2.9	640
N814305		2.72	15.75	0.13	1.2	0.047	2.60	16.4	35.2	0.58	958	1.11	1.13	7.5	2.5	560
N814306		3.39	13.25	0.13	1.0	0.086	2.18	22.3	34.4	1.69	4030	1.14	0.05	6.0	2.4	470
N814307		3.08	16.30	0.13	1.5	0.042	2.53	22.6	15.8	0.80	760	1.15	1.85	8.3	3.0	610
N814308		3.02	15.00	0.13	1.3	0.089	2.36	24.2	12.2	0.82	709	4.90	1.77	7.6	2.8	560
N814309		4.30	17.40	0.14	1.2	0.317	1.93	25.6	23.7	1.01	1020	2.00	1.22	8.5	3.5	600
N814310		3.89	15.10	0.12	1.3	0.068	1.99	21.2	41.4	1.05	1040	1.00	0.47	7.9	3.0	560
N814311		3.64	15.40	0.14	1.3	0.124	1.94	25.7	27.8	0.84	829	1.50	1.46	8.4	2.9	570
N814312		4.68	19.80	0.15	1.4	0.327	2.50	27.6	29.7	0.99	879	2.54	0.78	8.7	3.4	620



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**CERTIFICATE OF ANALYSIS WH12187929**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814277		17.2	86.6	<0.002	0.01	1.88	11.6	1	1.5	468	0.69	<0.05	12.2	0.281	1.01	3.3
N814278		17.1	95.8	<0.002	0.01	2.13	11.8	1	1.5	423	0.73	<0.05	12.6	0.274	0.91	4.1
N814279		17.1	85.6	<0.002	0.01	2.17	11.0	1	1.5	417	0.73	<0.05	12.6	0.263	0.96	3.9
N814280		18.3	100.0	<0.002	0.07	4.69	11.1	1	1.4	397	0.75	<0.05	13.1	0.262	1.18	3.6
N814281		1345	161.0	<0.002	3.11	34.7	9.0	1	6.0	152.0	0.61	0.27	11.8	0.207	2.51	5.1
N814282		19.4	89.0	<0.002	0.04	1.75	11.9	1	1.5	419	0.71	<0.05	12.6	0.271	1.06	3.5
N814283		19.6	76.5	<0.002	0.05	4.27	11.1	1	1.6	377	0.72	<0.05	11.5	0.275	1.01	3.3
N814284		25.2	55.7	<0.002	0.10	14.25	8.9	1	5.5	262	0.55	<0.05	9.4	0.213	0.91	3.6
N814285		276	153.5	<0.002	1.38	9.08	9.4	1	6.6	165.5	0.53	<0.05	11.6	0.219	2.37	3.4
N814286		1.8	1.3	<0.002	0.01	0.07	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.04	0.9
N814287		22.0	74.5	<0.002	0.06	8.47	10.8	1	3.5	224	0.65	<0.05	12.5	0.265	1.32	4.0
N814288		21.4	79.6	<0.002	0.04	4.37	10.9	1	3.8	299	0.71	<0.05	12.8	0.276	1.09	3.5
N814289		17.2	55.9	<0.002	0.01	7.17	11.0	1	5.8	352	0.70	<0.05	14.9	0.262	0.67	3.7
N814290		21.7	77.5	<0.002	0.03	3.71	11.7	1	1.9	364	0.69	<0.05	14.4	0.273	0.90	2.7
N814291		22.8	67.8	<0.002	0.01	2.55	10.9	1	2.9	432	0.69	<0.05	13.9	0.266	0.81	3.0
N814292		60.6	131.0	<0.002	0.67	12.05	9.1	2	10.0	287	0.45	<0.05	11.0	0.185	1.40	5.8
N814293		1.6	1.0	<0.002	0.01	0.07	0.2	1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	0.03	0.8
N814294		29.9	98.7	<0.002	0.03	2.40	12.4	1	1.7	389	0.75	0.05	14.2	0.275	1.01	4.4
N814295		17.5	87.9	<0.002	0.02	0.91	11.0	1	1.4	432	0.74	<0.05	13.3	0.265	0.90	3.9
N814296		24.1	74.2	<0.002	0.02	1.63	10.5	1	1.5	457	0.77	<0.05	13.6	0.265	0.90	4.1
N814297		19.1	69.9	<0.002	<0.01	2.49	11.9	1	1.5	483	0.67	<0.05	15.1	0.260	0.76	4.6
N814298		21.2	78.0	<0.002	0.01	1.96	10.5	1	1.5	415	0.66	<0.05	12.4	0.259	0.99	3.9
N814299		21.5	95.7	<0.002	0.02	2.08	11.4	1	1.4	417	0.68	<0.05	14.5	0.262	1.05	4.2
N814300		67.9	100.5	<0.002	0.34	5.31	10.9	2	1.6	326	0.70	<0.05	12.6	0.265	1.40	3.6
N814301		19.0	66.6	<0.002	0.01	2.57	10.1	1	1.4	420	0.67	<0.05	14.0	0.246	0.79	3.3
N814302		18.8	64.3	<0.002	0.01	2.32	11.5	1	1.5	469	0.71	<0.05	15.9	0.257	0.78	4.4
N814303		1330	165.0	<0.002	3.11	36.0	9.2	1	6.1	153.0	0.64	0.31	11.9	0.208	2.56	5.4
N814304		18.7	74.3	<0.002	0.01	1.52	10.7	1	1.5	397	0.68	<0.05	12.2	0.266	0.92	3.6
N814305		19.2	79.8	<0.002	0.08	4.87	9.4	1	1.5	297	0.66	<0.05	10.7	0.247	1.34	3.6
N814306		181.0	98.6	<0.002	0.33	11.05	9.0	1	1.2	225	0.57	<0.05	11.9	0.205	1.62	5.7
N814307		22.7	88.6	<0.002	0.04	3.30	11.4	<1	1.3	352	0.67	<0.05	14.1	0.272	0.97	4.7
N814308		17.0	97.1	<0.002	0.03	2.44	10.6	1	1.6	328	0.61	<0.05	14.9	0.249	1.09	4.4
N814309		23.2	98.5	<0.002	0.07	7.55	11.7	1	4.0	322	0.64	<0.05	15.7	0.266	1.33	4.7
N814310		17.0	79.9	<0.002	0.28	6.35	10.8	1	1.6	232	0.66	<0.05	14.4	0.254	1.35	5.1
N814311		12.3	122.5	<0.002	0.15	8.82	11.1	1	2.3	166.0	0.61	<0.05	14.4	0.258	1.41	4.8
N814312		11.3	141.0	<0.002	0.06	11.15	12.4	1	4.5	181.5	0.69	<0.05	15.8	0.277	1.58	4.6



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**CERTIFICATE OF ANALYSIS WH12187929**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814277		83	0.5	16.3	52	35.0
N814278		76	0.5	16.6	49	35.0
N814279		74	0.6	15.7	47	33.5
N814280		74	0.9	15.9	46	32.9
N814281		57	4.8	11.6	3010	39.4
N814282		78	0.5	17.0	55	32.8
N814283		78	1.2	14.4	54	32.5
N814284		76	3.9	14.0	64	21.7
N814285		62	3.0	15.0	552	23.6
N814286		2	<0.1	0.8	14	<0.5
N814287		71	3.1	14.1	74	28.3
N814288		77	3.9	14.3	60	30.1
N814289		66	3.5	14.5	83	28.9
N814290		77	4.6	14.5	65	30.7
N814291		74	3.1	13.9	73	29.1
N814292		68	3.0	22.7	79	19.3
N814293		1	<0.1	0.8	16	<0.5
N814294		81	1.6	17.6	62	28.8
N814295		76	1.5	15.9	56	32.1
N814296		74	1.0	16.0	63	29.9
N814297		71	1.2	17.7	53	34.5
N814298		73	1.0	14.5	52	29.1
N814299		74	1.0	16.4	53	30.4
N814300		76	1.8	14.9	183	27.4
N814301		69	1.2	14.9	55	30.6
N814302		71	1.6	16.7	49	32.7
N814303		56	5.0	11.8	3000	41.1
N814304		79	0.9	15.5	62	32.3
N814305		70	1.5	12.6	54	29.7
N814306		60	1.4	15.0	266	25.5
N814307		75	0.8	16.3	61	32.1
N814308		68	1.9	15.0	51	28.2
N814309		84	2.3	16.7	55	26.3
N814310		70	2.8	14.8	68	27.4
N814311		69	4.5	15.1	47	28.8
N814312		81	4.6	17.3	55	29.7



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**CERTIFICATE OF ANALYSIS WH12187929**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12188050**

Project: Klaza - 102

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12188050**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N814313		2.58	0.009	0.31	7.22	139.5	1420	1.46	1.56	1.97	0.72	47.4	55.8	9	20.3	8.0
N814314		4.96	<0.005	0.02	7.86	16.9	1750	1.50	5.47	4.23	0.12	39.7	4.0	9	27.0	1.3
N814315		5.42	<0.005	0.07	7.51	7.9	870	1.39	1.84	1.45	0.10	53.9	8.4	9	16.40	3.5
N814316		6.91	<0.005	0.04	7.29	3.5	2090	1.62	0.12	2.80	0.07	44.1	8.1	12	7.96	3.0
N814317		0.26	0.757	11.25	7.02	1895	1280	1.49	6.46	1.98	42.1	40.1	17.8	20	15.65	112.5
N814318		3.81	<0.005	0.09	7.38	8.4	2000	1.61	0.10	2.97	0.18	42.0	7.6	13	7.63	4.2
N814319		7.40	<0.005	0.05	7.72	6.2	2230	1.62	0.09	2.79	0.09	50.0	8.7	13	8.31	3.4
N814320		8.07	<0.005	0.07	7.93	5.6	1990	1.57	0.23	2.57	0.11	48.0	7.1	11	9.35	4.5
N814321		5.25	0.016	0.69	8.27	65.7	3240	1.89	2.16	2.76	0.92	47.1	5.2	8	28.6	131.5
N814322		3.84	<0.005	0.27	7.96	27.6	2300	1.47	2.33	2.54	0.09	43.7	16.7	8	18.85	3.6
N814323		2.44	<0.005	0.01	0.10	<5	30	0.09	0.07	20.7	0.07	1.34	0.8	1	0.42	1.9
N814324		4.95	<0.005	0.05	6.57	8.5	740	1.26	2.80	3.03	0.10	38.0	6.1	9	13.40	3.7
N814325		3.51	<0.005	0.03	7.30	3.0	2210	1.57	0.10	2.95	0.09	44.1	8.0	11	6.59	8.5
N814326		7.47	<0.005	0.02	7.44	4.4	2270	1.56	0.10	2.90	0.10	44.3	8.0	13	6.41	3.3
N814327		6.05	<0.005	0.03	7.78	4.6	2240	1.54	0.09	2.95	0.07	44.5	7.8	13	6.11	3.7
N814328		2.42	<0.005	0.03	7.37	5.4	2070	1.49	0.22	3.04	0.06	47.1	8.7	11	6.34	3.3
N814329		1.76	<0.005	0.04	7.39	4.6	2160	1.61	0.18	2.92	0.07	45.8	8.3	11	6.33	3.3
N814330		2.54	0.010	0.04	7.39	5.1	1810	1.47	0.34	2.91	0.06	46.4	7.9	10	8.24	2.6
N814331		5.82	<0.005	0.03	6.92	6.5	1950	1.44	0.17	2.70	0.08	38.5	7.7	12	9.49	8.7
N814332		0.26	2.32	24.7	6.13	3610	1770	1.26	21.0	2.23	78.7	43.7	10.4	19	14.05	460
N814333		7.19	<0.005	0.13	7.43	13.4	2080	1.47	0.14	2.75	0.26	42.6	7.4	13	8.92	3.8
N814334		4.62	0.061	1.00	7.37	345	1260	1.56	0.39	2.94	3.20	45.4	10.2	10	24.1	7.5
N814335		2.66	<0.005	0.03	0.07	<5	20	0.08	0.04	20.8	0.08	1.08	0.6	<1	0.24	5.4
N814336		4.37	<0.005	0.04	7.45	4.0	2100	1.54	0.11	2.86	0.11	46.4	7.6	12	10.00	3.6
N814337		7.58	<0.005	0.07	7.22	6.0	2080	1.50	0.16	3.00	0.10	40.2	8.2	11	7.36	5.8
N814338		5.83	<0.005	0.05	7.09	4.5	1940	1.45	0.16	3.05	0.07	40.6	7.5	12	9.63	3.3
N814339		7.48	<0.005	0.11	7.28	8.2	1350	1.33	0.59	2.97	0.06	39.5	9.2	11	10.20	2.1
N814340		6.24	<0.005	0.05	7.51	5.1	1910	1.48	0.28	3.04	0.10	40.2	7.5	11	11.15	2.7
N814341		3.27	0.013	0.99	7.31	44.8	2360	1.49	1.35	3.52	1.58	48.9	16.2	8	21.3	4.8
N814342		8.12	<0.005	0.04	7.23	4.3	2010	1.57	0.17	2.95	0.07	39.6	7.9	12	10.55	2.2
N814343		<0.02	<0.005	0.04	7.51	4.0	2030	1.49	0.16	3.00	0.10	41.1	7.5	13	10.25	3.0
N814344		7.45	<0.005	0.06	7.50	3.9	2280	1.50	0.19	3.02	0.08	37.7	8.2	13	7.45	4.2
N814345		8.52	<0.005	0.05	6.98	5.9	1510	1.33	0.61	2.86	0.08	38.9	7.4	13	7.83	2.0
N814346		6.56	<0.005	0.04	7.34	5.6	2380	1.79	0.09	2.75	0.07	42.7	7.9	12	7.16	3.5
N814347		8.22	<0.005	0.04	7.48	4.1	2040	1.66	0.12	2.99	0.08	41.0	7.4	12	8.83	3.9
N814348		4.27	<0.005	0.07	7.02	7.1	1870	1.67	0.20	2.78	0.09	40.2	8.7	11	10.85	6.5



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Account: ROCKHA

Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12188050**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N814313		4.55	18.70	0.08	1.1	0.261	2.85	22.6	28.1	0.63	2450	1.12	0.10	8.3	4.4
N814314		5.20	27.8	0.07	1.1	0.536	2.02	17.0	43.1	0.66	1110	0.56	0.52	8.6	2.0
N814315		3.34	17.50	0.08	1.2	0.110	1.14	28.3	36.1	0.94	724	0.38	1.26	8.4	2.7
N814316		3.02	17.85	0.08	1.1	0.037	2.40	19.8	19.1	0.79	667	0.52	2.27	8.4	3.0
N814317		5.41	15.85	0.12	1.5	0.881	2.87	19.0	26.2	0.72	2090	12.10	0.27	7.0	15.7
N814318		3.08	17.15	0.10	1.1	0.041	2.51	20.0	17.2	0.82	679	0.64	2.24	7.8	2.9
N814319		3.29	17.90	0.07	1.2	0.041	2.45	24.1	18.1	0.93	699	0.55	2.31	8.5	3.2
N814320		3.14	17.50	0.09	1.1	0.035	2.48	23.8	19.5	0.77	691	0.48	1.94	8.2	2.8
N814321		5.85	26.6	0.11	1.0	0.407	3.67	21.1	51.2	0.94	2040	0.37	0.09	9.5	2.6
N814322		4.88	20.9	0.09	1.0	0.197	2.58	20.9	29.8	0.86	1090	0.42	1.22	7.9	2.8
N814323		0.50	0.34	0.08	<0.1	0.006	0.04	0.6	1.4	12.20	221	0.11	0.01	0.2	1.9
N814324		3.08	15.50	0.08	0.9	0.132	1.02	18.2	37.3	0.64	652	0.40	0.96	6.7	2.4
N814325		3.20	17.90	0.08	1.2	0.037	2.18	20.7	16.5	0.81	660	0.44	2.06	8.5	3.3
N814326		3.27	17.25	0.07	1.2	0.037	2.42	21.1	14.8	0.96	709	0.43	2.24	7.9	3.0
N814327		3.34	17.20	0.09	1.1	0.039	2.44	21.1	14.4	0.97	715	0.49	2.31	8.1	3.0
N814328		3.26	17.95	0.10	1.2	0.042	2.36	21.1	14.1	0.90	733	0.49	2.11	8.1	3.0
N814329		3.22	17.95	0.08	1.1	0.038	2.29	22.1	14.0	0.91	708	0.50	2.10	8.1	3.1
N814330		3.03	16.95	0.07	1.1	0.042	2.18	20.8	13.8	0.79	678	0.44	2.12	8.2	2.9
N814331		2.93	15.95	0.12	1.1	0.044	2.34	17.9	12.8	0.75	608	0.67	2.13	7.7	4.8
N814332		6.64	14.10	0.12	0.9	1.620	2.65	23.1	23.0	0.91	1920	13.35	0.04	5.8	15.8
N814333		3.21	15.50	0.13	1.2	0.040	2.39	19.4	12.2	0.81	685	4.76	2.18	7.5	3.1
N814334		3.67	15.60	0.12	1.1	0.062	2.79	23.9	56.5	0.86	1640	0.67	0.38	7.2	4.0
N814335		0.47	0.19	0.11	<0.1	<0.005	0.03	0.6	1.0	12.40	211	0.35	0.01	0.2	1.4
N814336		3.21	15.65	0.16	1.1	0.033	2.33	21.0	14.5	0.88	719	0.56	2.21	7.8	2.9
N814337		3.18	16.90	0.12	1.2	0.043	2.58	17.6	12.1	0.86	793	20.9	2.12	8.1	3.0
N814338		3.04	15.55	0.13	1.2	0.030	2.01	18.3	12.8	0.72	719	0.61	2.14	7.7	3.0
N814339		3.43	14.80	0.13	1.1	0.072	1.58	18.3	16.1	0.93	975	0.37	2.10	7.2	2.8
N814340		3.29	16.75	0.13	1.1	0.042	1.91	18.9	48.6	0.85	793	0.53	2.11	7.9	3.0
N814341		3.27	14.65	0.13	1.1	0.055	2.42	25.5	122.0	1.19	1440	0.57	0.08	6.7	2.8
N814342		3.11	16.30	0.12	1.1	0.041	1.81	18.1	14.4	0.80	675	0.46	2.38	7.6	3.0
N814343		3.15	15.75	0.14	1.1	0.039	1.73	18.7	14.2	0.82	682	0.55	2.39	7.3	4.2
N814344		3.20	15.20	0.13	1.1	0.036	1.83	17.7	16.0	0.92	787	0.47	2.32	7.2	3.7
N814345		3.24	15.25	0.12	1.0	0.097	1.07	18.0	17.7	0.89	835	0.47	2.57	7.6	3.0
N814346		3.05	16.50	0.13	1.2	0.034	2.22	19.4	13.3	0.89	718	0.53	2.33	8.1	3.1
N814347		3.21	16.15	0.12	1.5	0.031	2.31	17.8	16.1	0.87	738	0.77	2.41	8.4	2.9
N814348		3.23	16.25	0.13	1.4	0.051	2.25	17.6	19.7	0.80	868	0.62	1.94	8.1	2.9





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Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12188050**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814313		92.9	165.5	0.004	1.40	14.30	11.2	1	3.9	116.5	0.69	<0.05	12.3	0.254	2.84	4.0
N814314		23.7	66.9	0.002	0.08	29.5	8.3	<1	6.8	403	0.70	<0.05	9.8	0.285	1.58	4.5
N814315		20.1	54.2	0.004	0.03	17.20	12.0	2	2.6	260	0.68	<0.05	13.6	0.283	0.87	3.8
N814316		17.1	73.4	0.004	0.01	1.54	10.4	1	1.6	440	0.69	<0.05	10.8	0.262	0.95	4.0
N814317		1390	155.5	<0.002	3.25	31.9	8.6	1	6.1	159.0	0.64	0.29	9.8	0.206	2.67	4.5
N814318		20.0	80.2	0.002	0.01	1.33	10.1	1	1.6	447	0.67	<0.05	11.1	0.265	0.98	3.7
N814319		17.6	87.8	0.003	0.01	1.46	11.9	1	1.7	459	0.66	0.05	12.3	0.271	1.02	4.0
N814320		20.0	90.5	0.002	0.02	4.36	11.0	1	1.6	383	0.69	<0.05	13.0	0.264	1.07	4.3
N814321		43.4	118.0	0.003	0.55	32.5	11.9	1	4.6	185.0	0.73	<0.05	11.6	0.304	2.91	4.8
N814322		15.6	106.0	0.003	0.77	9.88	10.6	1	3.5	166.5	0.66	<0.05	10.8	0.251	1.99	3.4
N814323		1.9	2.5	<0.002	0.02	0.26	0.5	1	0.2	43.4	<0.05	<0.05	0.2	<0.005	0.03	0.5
N814324		15.9	34.9	<0.002	0.05	13.25	8.7	1	2.7	232	0.56	<0.05	9.6	0.233	0.68	3.6
N814325		17.1	70.2	0.002	<0.01	2.54	11.1	1	3.3	428	0.64	<0.05	10.6	0.263	0.88	3.6
N814326		17.3	72.8	0.003	0.01	1.07	11.0	1	1.7	456	0.65	<0.05	11.9	0.280	0.95	4.4
N814327		15.9	77.3	<0.002	0.01	1.25	11.1	1	1.9	453	0.68	<0.05	11.1	0.272	0.98	3.9
N814328		15.0	82.6	0.004	0.06	1.46	10.9	1	1.9	407	0.63	<0.05	10.8	0.269	1.06	3.7
N814329		15.7	85.4	0.003	0.04	1.23	11.3	1	1.8	419	0.64	<0.05	11.5	0.257	1.03	4.1
N814330		14.7	79.1	0.002	0.09	1.71	10.9	1	1.9	385	0.67	<0.05	10.8	0.264	1.10	3.5
N814331		18.7	69.7	0.002	0.04	1.31	9.8	1	1.8	406	0.69	<0.05	10.7	0.256	0.99	3.7
N814332		2810	151.0	0.002	4.90	91.5	7.9	1	8.2	94.8	0.48	0.37	11.1	0.184	2.57	5.4
N814333		25.0	72.8	<0.002	0.03	1.73	10.2	1	1.6	427	0.67	<0.05	10.9	0.270	1.08	3.8
N814334		195.0	120.5	<0.002	1.06	13.70	10.8	<1	2.0	198.5	0.65	<0.05	13.0	0.256	2.84	5.4
N814335		3.1	1.5	<0.002	0.02	0.21	0.2	1	0.2	43.8	<0.05	<0.05	<0.2	<0.005	0.03	0.9
N814336		17.4	71.5	<0.002	0.01	1.64	10.7	1	1.5	433	0.69	<0.05	11.8	0.271	0.92	4.1
N814337		18.6	81.7	0.011	0.05	1.50	10.1	1	1.5	411	0.73	<0.05	10.4	0.268	1.20	4.0
N814338		16.7	60.8	<0.002	0.02	2.33	9.8	1	1.5	430	0.68	<0.05	11.0	0.266	0.87	3.7
N814339		23.7	55.7	<0.002	0.09	2.75	10.0	1	1.6	402	0.62	<0.05	10.5	0.255	1.09	3.4
N814340		20.3	64.0	<0.002	0.01	4.32	10.7	1	1.6	456	0.63	<0.05	10.4	0.264	0.93	3.4
N814341		109.0	101.0	<0.002	0.67	12.35	9.9	<1	1.7	235	0.55	0.08	12.2	0.236	2.46	4.8
N814342		16.3	57.7	<0.002	0.01	1.89	10.0	1	1.6	453	0.66	<0.05	10.4	0.264	0.79	3.5
N814343		18.2	57.5	0.002	0.01	1.71	10.0	1	1.5	458	0.64	<0.05	10.8	0.251	0.77	3.5
N814344		21.3	59.0	<0.002	0.03	1.24	10.5	1	1.5	456	0.63	<0.05	9.5	0.268	0.77	3.4
N814345		15.6	30.6	<0.002	<0.01	2.65	10.0	<1	2.2	548	0.64	<0.05	9.3	0.271	0.53	3.2
N814346		18.1	73.5	<0.002	<0.01	1.01	10.4	1	1.5	482	0.68	<0.05	10.7	0.249	0.90	3.9
N814347		18.8	89.5	<0.002	<0.01	1.86	9.7	<1	1.8	436	0.75	<0.05	10.9	0.261	1.00	4.0
N814348		19.8	77.0	<0.002	0.07	4.03	9.6	1	1.9	359	0.81	<0.05	11.0	0.261	1.03	4.3



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Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12188050**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814313		78	4.9	14.0	79	28.1
N814314		152	6.0	13.5	41	28.6
N814315		79	5.7	15.6	60	31.7
N814316		75	1.0	13.7	52	28.9
N814317		59	5.4	10.2	3090	41.2
N814318		76	1.3	14.3	51	27.5
N814319		81	1.3	15.9	51	32.2
N814320		77	1.9	14.8	53	29.9
N814321		132	6.7	17.7	106	27.9
N814322		95	5.7	13.9	53	23.6
N814323		3	0.1	0.8	12	<0.5
N814324		77	8.2	12.8	47	24.3
N814325		77	1.6	14.6	52	31.2
N814326		83	0.7	14.9	54	27.4
N814327		79	0.6	14.8	50	27.5
N814328		79	1.4	15.0	49	30.1
N814329		75	0.9	15.5	47	28.6
N814330		76	1.2	14.4	53	28.4
N814331		75	4.0	14.4	49	27.9
N814332		58	5.5	10.0	5630	25.5
N814333		80	2.4	15.1	56	28.4
N814334		77	3.3	15.3	250	27.4
N814335		3	0.1	0.7	15	<0.5
N814336		82	0.9	16.1	57	27.9
N814337		79	1.1	15.2	53	30.9
N814338		78	1.5	14.6	52	30.1
N814339		73	3.3	14.1	58	24.4
N814340		78	2.9	15.4	57	28.3
N814341		70	5.4	14.8	211	26.7
N814342		76	1.5	14.6	53	26.7
N814343		72	1.3	14.5	51	26.4
N814344		78	1.4	15.3	61	26.4
N814345		76	2.3	15.4	60	24.1
N814346		73	0.9	15.6	54	29.9
N814347		77	1.6	15.3	55	36.2
N814348		76	1.7	14.7	62	32.8



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**CERTIFICATE OF ANALYSIS WH12188050**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12188051**

Project: Klaza - 103

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
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1016 - 510 W HASTINGS STREET  
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Finalized Date: 28-AUG-2012  
Account: ROCKHA

Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188051**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355239		3.49	0.019	0.69	6.96	207	690	1.50	0.14	0.24	4.26	40.5	1.9	5	14.65	37.8
M355240		7.90	0.077	0.58	6.81	170.0	1220	1.51	0.35	0.33	2.14	38.6	3.0	7	12.80	34.2
M355241		7.55	0.246	2.76	7.63	472	1930	1.95	1.67	0.61	3.82	56.5	11.8	20	25.5	82.5
M355242		3.83	0.024	0.47	7.97	340	1690	1.92	0.28	0.73	2.66	65.5	6.2	34	31.7	46.5
M355243		2.88	0.251	2.85	8.02	566	1660	1.73	1.39	0.26	4.16	50.4	7.3	13	24.8	43.8
M355244		4.19	0.036	0.63	8.08	262	2060	1.38	0.47	1.10	5.03	47.3	7.0	9	13.80	27.6
M355245		2.07	0.045	0.70	7.90	346	2300	1.35	0.46	1.18	5.51	41.5	10.6	9	13.95	35.0
M355246		3.77	0.028	3.71	8.39	979	1980	1.58	5.09	0.22	16.80	49.7	13.8	9	17.60	140.0
M355247		3.87	0.022	2.16	8.49	578	1470	1.49	0.96	0.62	12.35	50.4	8.5	9	19.70	134.0
M355248		5.41	0.244	7.90	6.64	876	1420	1.37	9.86	0.45	9.42	52.0	10.7	16	16.55	166.5
M355249		2.79	1.155	35.7	7.11	2230	2140	1.36	61.9	1.67	25.8	59.5	9.8	24	16.85	156.0
M355250		6.85	<0.005	0.24	7.55	353	1310	1.55	0.30	2.58	1.25	49.8	7.6	14	22.4	10.1
M355251		0.26	4.45	>100	5.45	8360	1320	0.80	58.7	1.89	219	33.8	7.4	18	11.55	1300
M355252		6.49	<0.005	0.17	7.38	232	1020	1.61	0.32	2.50	0.57	45.8	6.9	15	28.9	9.9
M355253		2.74	0.805	7.08	7.08	7290	740	1.43	1.43	1.85	22.7	46.6	6.8	8	22.8	163.5
M355254		3.23	<0.005	0.02	0.09	10	30	0.07	0.05	21.2	0.13	1.33	1.1	<1	0.27	2.2
M355255		3.18	0.720	9.03	6.85	4520	630	1.25	1.89	1.45	54.9	49.8	6.6	8	11.90	76.0
M355256		3.88	1.895	>100	5.42	3480	1160	0.70	76.6	0.59	33.8	27.1	8.1	9	6.40	1270
M355257		2.50	<0.005	0.13	0.12	8	60	0.05	0.10	20.1	0.18	1.24	1.1	<1	0.21	4.2
M355258		2.65	0.161	3.16	7.21	496	1320	1.41	2.53	1.97	16.80	39.0	7.8	9	14.55	56.5
M355259		2.09	0.017	1.43	7.22	280	1640	1.39	1.42	1.65	6.47	46.9	8.4	8	11.80	13.6
M355260		6.31	<0.005	0.13	7.33	39.3	2250	1.40	0.16	2.58	0.25	47.5	6.4	12	10.80	5.4
M355261		3.47	<0.005	0.37	7.63	6.7	2250	1.38	0.10	2.80	0.21	40.9	7.1	11	10.50	51.4
M355262		2.89	<0.005	1.24	7.11	27.1	2010	1.34	0.76	3.02	4.99	40.2	12.6	10	16.50	9.0
M355263		<0.02	<0.005	1.28	6.90	26.8	1940	1.35	0.78	2.94	4.97	37.3	12.7	9	16.15	9.4
M355264		6.20	<0.005	0.23	7.54	8.7	2270	1.35	0.29	2.69	0.22	41.6	7.6	13	7.08	8.3
M355265		6.31	<0.005	0.18	7.34	17.2	2150	1.20	0.17	3.25	1.04	40.1	7.0	9	12.95	4.1
M355266		7.46	<0.005	1.14	7.28	51.7	2080	1.34	0.18	2.92	2.96	44.9	7.8	9	11.45	10.1
M355267		6.93	<0.005	0.21	7.30	13.3	2170	1.24	0.06	2.69	0.69	42.7	7.7	13	7.32	4.9
M355268		7.64	<0.005	1.25	6.93	82.7	2010	1.34	0.06	2.77	2.15	39.1	7.4	14	8.45	6.7
M355269		0.26	0.799	8.81	6.31	1800	1690	1.07	5.77	1.76	41.2	39.7	15.1	20	15.05	108.5
M355270		7.21	<0.005	0.15	7.12	8.3	2160	1.22	0.72	2.85	0.09	42.0	9.4	12	6.99	3.4
M355271		6.70	<0.005	0.13	7.20	9.9	2230	1.25	0.05	2.84	0.32	39.2	8.2	13	6.63	3.5
M355272		2.34	<0.005	2.14	7.34	28.1	2000	1.17	0.10	3.14	5.56	39.4	7.9	11	8.71	8.2
M355273		5.77	<0.005	0.05	7.58	3.2	2390	1.32	0.08	2.66	0.09	46.6	7.9	11	8.96	3.5
M355274		8.14	<0.005	0.06	7.30	4.7	2190	1.25	0.10	2.93	0.08	37.3	7.7	10	11.70	11.5



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Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188051**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355239		1.58	19.30	0.12	2.4	0.044	2.37	22.3	21.1	0.11	444	1.17	0.11	15.3	3.4	220
M355240		1.47	18.85	0.14	2.2	0.032	2.18	20.3	70.0	0.15	518	1.22	0.29	13.3	3.3	260
M355241		3.24	20.1	0.18	2.3	0.130	3.02	29.6	19.3	0.23	1660	3.07	0.05	9.9	13.0	790
M355242		2.34	22.8	0.18	3.9	0.034	3.04	33.9	30.1	0.21	695	1.60	0.05	11.9	16.4	1050
M355243		2.98	19.65	0.18	1.5	0.145	3.15	26.7	27.5	0.24	1400	3.07	0.05	8.7	7.2	760
M355244		2.97	19.00	0.19	1.1	0.096	2.84	24.2	38.4	0.24	1460	2.59	0.06	8.7	4.1	670
M355245		3.24	18.80	0.17	1.0	0.096	2.93	20.9	33.1	0.31	1970	2.71	0.06	8.7	4.4	690
M355246		3.63	20.3	0.19	0.9	0.135	2.76	24.6	34.7	0.15	4200	4.81	0.05	8.6	5.9	750
M355247		4.22	19.85	0.20	0.9	0.206	2.86	25.7	26.3	0.28	1940	3.06	0.05	8.8	4.6	790
M355248		3.41	17.55	0.18	2.2	0.221	2.26	28.2	98.9	0.32	1680	6.15	0.07	8.2	8.0	650
M355249		3.48	19.30	0.19	3.3	0.289	2.06	31.1	182.5	0.86	1100	3.41	0.14	8.7	14.5	820
M355250		2.62	20.5	0.19	2.7	0.029	2.41	24.1	77.8	0.97	750	1.64	0.13	8.4	8.0	790
M355251		7.78	12.65	0.21	1.0	4.90	2.28	16.7	22.7	0.60	2970	15.30	0.08	5.4	12.7	440
M355252		2.84	20.9	0.17	2.9	0.029	2.37	21.5	66.6	0.89	943	1.14	0.10	8.5	7.6	810
M355253		4.09	16.75	0.19	1.0	0.638	2.90	25.0	18.1	0.74	3940	1.39	0.04	7.5	4.7	600
M355254		0.47	0.38	0.12	<0.1	<0.005	0.03	0.6	1.0	12.75	220	0.15	0.01	0.3	1.8	180
M355255		5.29	15.80	0.21	0.7	0.519	3.08	26.8	6.2	0.60	5050	1.80	0.02	6.9	2.8	550
M355256		10.45	11.95	0.27	0.7	1.010	2.41	13.7	4.8	0.32	2580	2.48	0.05	5.5	2.2	430
M355257		0.49	0.40	0.10	<0.1	<0.005	0.04	0.6	0.9	11.95	220	0.14	0.01	0.4	1.6	180
M355258		3.64	16.80	0.17	1.0	0.545	3.12	18.6	30.7	0.66	2760	1.64	0.05	8.2	2.7	590
M355259		2.95	16.15	0.17	1.2	0.175	3.47	24.0	12.4	0.62	1790	1.65	0.50	8.1	2.9	530
M355260		2.83	17.30	0.17	1.0	0.050	2.64	23.7	9.5	0.69	620	3.00	1.86	8.3	3.2	610
M355261		3.01	18.10	0.17	1.0	0.056	2.68	19.9	9.6	0.76	671	1.52	2.00	8.6	3.2	650
M355262		2.69	17.80	0.16	1.0	0.046	3.13	19.6	14.8	0.58	1200	1.46	0.78	8.2	3.0	630
M355263		2.63	17.60	0.15	0.9	0.046	3.08	18.2	14.4	0.56	1180	1.40	0.76	8.1	3.0	600
M355264		2.96	17.55	0.17	0.9	0.043	2.66	20.3	10.4	0.77	684	1.28	2.02	7.9	3.3	590
M355265		3.02	17.85	0.17	1.0	0.050	2.47	19.5	18.1	0.67	668	0.97	1.27	8.4	3.0	630
M355266		3.12	17.35	0.18	1.0	0.072	2.54	21.8	14.8	0.77	1020	0.75	1.59	8.2	3.3	650
M355267		2.88	17.50	0.16	0.9	0.034	2.56	20.6	12.6	0.81	691	1.02	2.18	8.2	3.3	600
M355268		2.88	17.55	0.15	0.9	0.036	2.40	17.8	11.6	0.71	743	0.90	1.95	8.1	3.5	600
M355269		4.93	15.60	0.19	1.2	0.904	2.75	20.0	20.9	0.64	1880	12.30	0.24	7.4	16.3	460
M355270		3.05	17.50	0.16	0.9	0.040	2.35	19.9	13.7	0.83	677	1.32	2.12	8.2	3.5	630
M355271		3.05	17.55	0.16	0.8	0.037	2.44	18.1	12.7	0.87	732	0.89	2.17	8.0	3.4	650
M355272		3.24	18.05	0.18	0.8	0.045	2.52	18.4	13.8	0.79	869	0.73	1.72	8.0	3.4	670
M355273		2.98	17.75	0.17	0.8	0.036	2.45	22.9	13.0	0.81	565	0.60	2.16	8.2	3.4	620
M355274		3.07	17.50	0.16	0.8	0.042	2.39	17.4	14.0	0.77	713	0.79	1.98	8.2	3.4	650



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**CERTIFICATE OF ANALYSIS WH12188051**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355239		38.7	104.0	<0.002	0.01	5.61	3.5	1	3.2	66.3	1.38	<0.05	9.0	0.146	1.16	3.1
M355240		32.7	98.0	<0.002	0.02	8.59	4.5	1	2.8	97.9	1.29	<0.05	8.8	0.144	1.17	2.9
M355241		76.6	164.0	<0.002	0.05	17.00	9.8	1	3.4	93.0	0.69	0.06	11.0	0.265	2.57	4.8
M355242		44.0	137.0	<0.002	0.02	7.12	7.3	1	8.0	144.5	0.80	<0.05	12.1	0.303	1.88	5.6
M355243		154.0	176.5	<0.002	0.05	18.75	13.5	2	2.2	48.6	0.60	0.06	13.5	0.281	2.52	4.1
M355244		36.5	148.5	<0.002	0.08	16.35	13.4	2	1.7	66.5	0.67	<0.05	13.3	0.262	2.04	3.1
M355245		35.6	148.0	<0.002	0.13	17.25	13.0	1	1.9	73.6	0.67	<0.05	11.7	0.265	2.16	3.1
M355246		129.5	140.5	<0.002	0.03	19.65	14.9	1	2.1	66.2	0.58	<0.05	12.0	0.300	2.15	4.7
M355247		449	149.0	<0.002	0.33	18.05	14.7	2	2.6	51.8	0.62	0.06	11.9	0.295	2.31	3.8
M355248		561	124.0	<0.002	0.15	45.5	9.0	2	2.3	159.0	0.57	0.29	11.6	0.228	2.15	5.6
M355249		403	89.5	<0.002	1.14	31.2	8.4	2	2.1	189.5	0.58	0.23	9.7	0.274	1.58	5.8
M355250		16.8	82.1	<0.002	0.09	7.30	9.6	1	1.4	196.5	0.54	<0.05	8.0	0.296	1.64	4.3
M355251		9240	127.0	<0.002	6.97	213	5.6	3	8.9	125.0	0.41	0.48	8.2	0.180	2.09	5.1
M355252		15.7	73.0	<0.002	0.03	8.57	9.2	1	1.3	265	0.59	<0.05	7.2	0.307	1.47	3.0
M355253		878	185.5	<0.002	1.89	58.3	11.4	1	2.9	143.5	0.52	0.06	10.7	0.241	2.72	5.4
M355254		3.1	1.6	<0.002	0.01	0.16	0.3	1	<0.2	55.5	<0.05	<0.05	<0.2	<0.005	0.02	0.8
M355255		1150	181.5	<0.002	3.87	25.1	9.6	2	4.9	53.8	0.46	0.10	11.0	0.222	3.13	2.9
M355256		2000	132.5	<0.002	>10.0	134.0	6.0	3	6.6	24.4	0.42	1.14	8.3	0.177	2.45	2.5
M355257		6.3	2.1	<0.002	0.05	0.32	0.2	1	<0.2	49.5	<0.05	<0.05	<0.2	0.005	0.02	0.6
M355258		469	133.0	<0.002	1.06	12.80	9.9	1	2.4	103.5	0.67	<0.05	11.2	0.249	2.58	4.9
M355259		329	166.0	<0.002	0.48	7.09	9.4	1	1.8	128.0	0.82	<0.05	16.0	0.218	2.31	4.1
M355260		17.0	102.5	<0.002	0.05	2.06	11.7	1	1.7	350	0.67	<0.05	10.9	0.259	1.17	3.4
M355261		21.9	97.0	<0.002	0.05	2.04	11.4	1	1.5	377	0.66	<0.05	10.5	0.271	1.10	4.5
M355262		153.5	127.5	<0.002	0.47	5.37	10.5	1	1.8	207	0.62	<0.05	9.3	0.261	2.21	4.9
M355263		146.5	123.0	<0.002	0.47	5.18	10.1	1	1.8	203	0.60	<0.05	8.8	0.254	2.24	4.9
M355264		41.0	100.5	<0.002	0.11	1.53	11.4	1	1.6	383	0.59	<0.05	10.8	0.252	1.14	3.3
M355265		16.0	76.6	<0.002	0.06	3.27	10.4	1	1.6	274	0.71	<0.05	10.2	0.258	1.11	7.4
M355266		112.5	102.5	<0.002	0.18	5.11	11.8	1	1.7	330	0.62	<0.05	10.9	0.264	1.24	2.6
M355267		33.1	88.1	<0.002	0.03	1.63	11.0	1	1.5	395	0.60	<0.05	10.8	0.261	0.95	3.0
M355268		107.5	88.6	<0.002	0.22	7.62	10.8	1	1.7	364	0.60	<0.05	8.9	0.248	1.05	3.5
M355269		1250	143.5	<0.002	2.92	32.8	8.3	2	5.8	145.0	0.57	0.28	10.8	0.200	2.31	4.8
M355270		14.3	81.0	<0.002	0.19	1.31	11.8	1	1.6	404	0.58	0.05	8.7	0.271	1.00	2.4
M355271		25.0	76.7	<0.002	0.03	0.90	12.0	1	1.6	413	0.52	<0.05	8.5	0.277	0.92	2.6
M355272		348	97.5	<0.002	0.33	3.81	11.8	1	2.1	354	0.51	<0.05	7.7	0.272	1.23	3.7
M355273		14.4	88.6	<0.002	0.03	1.07	11.9	1	1.9	435	0.60	<0.05	11.3	0.267	0.93	2.9
M355274		14.3	75.5	<0.002	0.04	1.39	11.4	1	3.7	387	0.58	<0.05	9.1	0.283	0.97	3.3



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**CERTIFICATE OF ANALYSIS WH12188051**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M355239		19	5.8	13.0	598	62.4		
M355240		23	3.4	12.8	372	54.1		
M355241		64	4.6	12.8	670	89.9		
M355242		58	1.8	12.7	667	162.0		
M355243		75	4.7	14.4	863	49.7		
M355244		72	8.7	15.5	713	27.9		
M355245		76	8.3	14.3	765	26.7		
M355246		82	7.1	17.5	1320	22.1		
M355247		85	4.5	17.0	1650	23.1		
M355248		56	4.0	10.1	1140	82.8		
M355249		66	2.1	12.6	1690	128.5		
M355250		74	3.2	13.1	359	95.4		
M355251		53	4.4	8.9	>10000	32.1	119	1.595
M355252		77	3.9	12.3	260	100.5		
M355253		69	5.8	12.7	2450	27.5		
M355254		2	0.1	0.9	25	0.6		
M355255		65	5.1	10.4	4150	16.9		
M355256		53	5.5	6.1	2410	15.2	111	
M355257		3	0.1	0.8	26	<0.5		
M355258		72	3.8	11.8	2000	24.2		
M355259		61	2.1	13.1	1340	25.7		
M355260		75	0.8	15.3	106	23.6		
M355261		79	0.8	15.1	87	24.1		
M355262		73	2.4	13.2	484	22.5		
M355263		71	2.4	12.5	476	22.1		
M355264		71	1.1	15.0	65	21.9		
M355265		73	2.3	16.8	171	23.1		
M355266		76	1.3	15.8	323	23.6		
M355267		74	0.8	15.5	98	21.3		
M355268		71	1.1	14.6	241	20.9		
M355269		56	5.1	10.5	2970	37.7		
M355270		79	0.9	15.1	49	20.0		
M355271		80	0.4	15.1	76	18.5		
M355272		77	1.8	14.6	554	19.3		
M355273		75	0.7	14.6	46	19.9		
M355274		80	0.8	13.9	50	19.5		





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**CERTIFICATE OF ANALYSIS WH12188051**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12188052**

Project: Klaza - 103

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188052**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355275		6.11	<0.005	0.14	7.47	11.1	2190	1.54	0.10	2.75	0.23	47.3	7.8	11	14.45	4.5
M355276		2.91	0.171	4.41	6.71	1330	1070	1.32	4.28	2.20	7.61	47.0	12.2	8	11.70	144.5
M355277		6.12	<0.005	0.13	7.31	10.4	2110	1.50	0.10	2.60	0.11	33.7	7.7	11	12.45	3.1
M355278		2.78	0.009	0.46	7.08	81.0	1440	1.68	0.28	2.53	2.06	41.1	10.6	9	29.6	13.1
M355279		4.66	<0.005	0.11	7.39	7.6	2230	1.43	0.09	2.85	0.16	43.6	7.2	12	12.00	2.7
M355280		2.61	0.303	1.36	7.01	2720	1820	1.58	0.25	3.38	4.60	42.2	8.3	9	21.5	8.2
M355281		5.35	<0.005	0.02	0.06	5	20	0.07	0.03	20.2	0.07	1.08	0.6	1	0.18	1.7
M355282		4.28	<0.005	0.07	7.64	10.2	2490	1.68	0.10	2.80	0.08	42.9	9.4	10	12.60	14.5
M355283		0.26	2.37	25.9	5.72	3380	1210	1.30	19.95	2.11	79.8	43.6	10.9	17	15.00	435
M355284		4.62	<0.005	0.10	6.81	11.9	2220	1.50	0.10	2.92	0.13	37.9	7.8	11	15.05	4.8
M355285		3.41	<0.005	0.12	7.04	23.8	1760	1.41	0.12	2.71	0.27	39.0	7.5	9	23.8	5.0
M355286		3.19	0.081	1.57	6.58	564	1620	1.48	0.67	4.68	2.05	45.9	7.6	8	17.80	16.1
M355287		3.96	<0.005	0.02	0.08	<5	30	0.08	0.03	20.5	0.07	1.20	0.6	1	0.20	1.8
M355288		6.54	<0.005	0.10	7.62	7.2	2350	1.56	0.11	2.82	0.19	32.8	7.8	12	10.60	5.7
M355289		6.14	<0.005	0.05	7.63	3.8	2230	1.45	0.08	2.78	0.09	37.6	7.6	11	7.14	4.4
M355290		2.18	<0.005	0.39	7.09	13.2	2260	1.41	0.09	2.69	0.49	40.4	8.7	13	19.30	7.2
M355291		6.50	<0.005	0.06	7.10	5.1	2030	1.49	0.08	2.47	0.16	45.0	7.3	11	7.23	4.3
M355292		7.65	<0.005	0.08	7.60	4.2	2130	1.55	0.12	2.63	0.35	41.8	7.3	12	5.17	5.1
M355293		3.42	<0.005	0.06	7.05	4.5	1850	1.36	0.11	2.26	0.23	46.6	6.3	11	4.71	4.3
M355294		4.53	<0.005	0.24	7.02	9.1	2130	1.60	0.25	2.91	0.10	33.4	8.1	10	10.65	8.6
M355295		7.72	<0.005	0.10	7.12	9.0	2060	1.55	0.11	2.83	0.10	36.0	6.8	9	12.90	4.6
M355296		7.23	<0.005	0.10	7.29	7.4	2110	1.73	0.07	2.63	0.15	38.2	6.6	9	16.55	3.0
M355297		0.26	0.744	9.98	6.59	1870	1320	1.53	6.35	1.87	42.8	42.5	16.6	20	16.65	110.0
M355298		2.03	<0.005	0.62	7.28	32.6	1900	1.80	0.11	2.51	1.14	43.7	9.1	9	13.70	3.7
M355299		4.81	<0.005	0.09	7.02	12.8	1660	1.82	0.11	2.42	0.19	35.5	7.6	9	27.6	4.4
M355300		6.69	<0.005	0.07	6.79	9.7	2080	1.46	0.08	2.63	0.09	35.1	7.3	9	20.4	8.3
M355301		6.65	<0.005	0.09	6.82	9.0	1910	1.39	0.09	3.22	0.13	40.4	6.8	10	15.65	3.3
M355302		<0.02	<0.005	0.08	6.84	8.6	1910	1.39	0.08	3.21	0.13	42.4	6.4	9	15.45	2.4
M355303		7.74	<0.005	0.08	7.23	6.6	2070	1.58	0.10	2.63	0.10	42.2	6.7	11	14.40	2.6
M355304		8.97	<0.005	0.08	7.31	8.1	1790	1.65	0.17	2.53	0.07	48.8	6.6	11	11.00	3.5
M355305		5.01	<0.005	0.09	7.02	9.8	1540	1.68	0.41	2.66	0.05	56.6	6.0	11	10.40	2.0
M355306		5.48	<0.005	0.16	7.02	10.6	2130	1.80	0.13	2.49	0.33	41.0	5.6	9	10.40	1.9
M355307		2.76	<0.005	2.61	6.99	24.3	1910	1.33	0.11	1.92	0.59	34.2	5.0	10	12.80	10.2
M355308		3.64	0.079	9.56	6.57	119.5	1930	1.49	0.81	1.94	10.15	36.3	7.5	9	15.45	92.6
M355309		3.00	<0.005	0.27	7.08	8.8	2190	1.61	0.12	2.60	0.59	39.5	6.5	11	11.80	4.5
M355310		2.40	<0.005	0.22	7.19	43.4	2230	1.49	0.13	2.61	0.32	42.2	5.5	10	10.20	8.1



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Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188052**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355275		3.20	17.75	0.08	0.9	0.039	2.40	21.4	18.5	0.73	694	1.11	1.71	7.8	4.0	660
M355276		4.45	15.35	0.08	0.7	0.238	2.37	23.6	51.2	0.81	1920	2.40	0.05	6.0	3.2	560
M355277		3.01	17.15	0.08	0.9	0.032	2.32	14.7	20.7	0.70	604	0.55	1.88	7.8	3.2	640
M355278		3.23	17.25	0.09	0.8	0.080	2.31	19.2	45.2	0.68	920	0.52	0.81	7.4	3.3	620
M355279		3.25	16.30	0.09	0.8	0.043	2.31	19.5	10.9	0.76	705	0.55	2.15	7.3	3.1	670
M355280		3.52	16.25	0.09	0.7	0.127	2.61	20.0	36.0	0.96	2170	0.57	0.25	7.0	3.2	600
M355281		0.44	0.19	0.08	<0.1	<0.005	0.02	0.5	1.1	12.10	195	0.10	0.01	0.2	1.6	190
M355282		3.20	17.60	0.11	0.8	0.032	2.48	19.4	15.1	0.82	566	0.76	2.06	7.8	3.5	640
M355283		6.27	14.20	0.08	0.8	1.770	2.50	21.3	22.9	0.85	1800	12.50	0.04	5.4	15.9	420
M355284		3.00	17.10	0.09	0.8	0.048	2.32	16.6	16.3	0.77	682	0.61	1.90	7.4	3.4	590
M355285		3.05	16.70	0.10	0.9	0.041	2.17	18.1	51.1	0.75	838	0.50	0.63	7.6	3.0	610
M355286		3.76	14.40	0.10	0.7	0.125	2.53	24.6	19.3	1.20	2570	0.67	0.05	6.1	3.3	520
M355287		0.46	0.25	0.08	<0.1	<0.005	0.03	0.6	1.1	12.10	212	0.15	0.01	0.1	1.8	170
M355288		3.07	16.50	0.10	0.8	0.037	2.40	14.1	20.2	0.78	757	0.59	2.04	7.4	3.0	620
M355289		3.02	16.35	0.09	0.9	0.031	2.48	16.8	15.1	0.83	607	0.54	2.33	7.2	3.0	600
M355290		3.24	16.70	0.09	1.1	0.038	2.30	17.5	39.3	0.79	1060	0.49	0.81	7.7	3.9	650
M355291		2.66	17.20	0.09	0.8	0.035	2.76	22.1	13.8	0.70	617	0.61	2.14	6.8	3.0	520
M355292		2.89	16.70	0.10	0.9	0.034	2.69	19.7	12.8	0.78	657	0.94	2.27	7.1	3.1	560
M355293		2.50	15.40	0.09	0.9	0.026	2.90	23.5	11.0	0.64	573	0.78	2.08	6.1	2.7	460
M355294		2.95	16.90	0.08	0.8	0.069	2.28	14.9	21.9	0.68	702	0.73	1.40	7.1	4.1	580
M355295		3.09	16.35	0.06	0.9	0.055	2.20	15.7	15.7	0.67	730	0.66	1.86	7.1	3.0	610
M355296		3.04	16.45	0.09	0.8	0.050	2.42	17.3	16.1	0.58	638	0.54	1.84	7.0	2.9	580
M355297		5.18	15.40	0.08	1.4	0.974	2.84	21.8	27.0	0.68	1950	12.10	0.25	6.8	15.9	490
M355298		2.93	16.95	0.07	0.9	0.044	2.57	20.5	14.9	0.57	1110	0.52	1.79	7.3	3.1	570
M355299		3.21	17.10	0.09	0.9	0.060	2.40	15.4	29.5	0.58	683	0.51	1.06	8.1	3.3	630
M355300		2.97	17.05	0.09	0.8	0.036	2.37	15.4	21.0	0.54	644	0.55	1.08	7.5	3.1	580
M355301		2.78	16.75	0.10	0.8	0.032	2.28	18.9	24.2	0.58	849	0.51	1.12	7.5	2.8	570
M355302		2.78	16.15	0.08	0.8	0.032	2.31	18.6	23.5	0.57	838	1.64	1.10	7.1	2.7	570
M355303		3.01	15.90	0.08	0.9	0.039	2.06	19.5	16.8	0.68	572	4.56	2.06	7.5	3.0	600
M355304		3.03	16.30	0.08	0.8	0.051	1.77	22.0	19.5	0.72	498	0.55	2.39	7.3	3.2	590
M355305		3.03	16.80	0.10	0.9	0.091	1.66	27.4	20.1	0.79	609	0.48	2.51	7.2	3.2	590
M355306		3.03	16.75	0.08	0.8	0.038	2.17	18.5	17.1	0.70	564	0.47	2.07	7.7	3.0	580
M355307		3.00	15.60	0.07	0.8	0.057	2.62	15.4	55.0	0.54	1100	0.37	0.43	7.0	2.6	580
M355308		3.36	15.30	0.09	0.7	0.221	2.59	17.2	45.8	0.64	1700	2.73	0.06	6.3	2.8	550
M355309		3.01	17.15	0.09	0.8	0.117	2.58	16.9	16.9	0.72	656	0.59	1.96	7.5	3.3	570
M355310		3.01	15.95	0.09	0.9	0.066	2.72	19.8	13.8	0.74	826	0.50	1.71	6.8	2.9	560



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Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188052**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M355275		24.8	88.8	<0.002	0.03	4.50	11.5	1	1.8	348	0.63	<0.05	10.1	0.277	6.1
M355276		230	119.5	0.002	2.03	39.4	10.2	1	2.8	90.8	0.48	1.07	10.2	0.216	7.5
M355277		15.5	85.3	0.002	0.02	4.21	11.4	1	1.8	354	0.72	<0.05	10.8	0.259	3.2
M355278		107.0	102.0	<0.002	0.24	8.40	11.4	1	1.9	193.0	0.62	<0.05	9.2	0.260	4.9
M355279		18.2	88.9	<0.002	0.02	2.59	11.3	1	1.8	396	0.67	0.05	10.1	0.267	3.2
M355280		118.0	118.5	<0.002	0.83	25.4	11.4	1	1.7	149.0	0.55	<0.05	9.2	0.240	5.9
M355281		1.6	1.2	<0.002	0.01	0.21	0.1	1	0.2	47.5	<0.05	<0.05	<0.2	<0.005	0.7
M355282		16.4	98.5	<0.002	0.02	1.51	12.0	1	4.0	406	0.64	<0.05	9.6	0.268	2.8
M355283		2640	157.5	0.002	4.58	92.0	8.4	1	7.9	93.8	0.48	0.45	10.2	0.171	5.2
M355284		16.1	78.5	<0.002	0.04	3.05	10.4	1	1.8	387	0.59	<0.05	7.9	0.248	3.1
M355285		19.1	90.7	<0.002	0.09	11.35	11.4	1	2.1	221	0.67	<0.05	9.6	0.256	4.3
M355286		100.5	164.5	0.002	1.41	12.85	10.1	1	3.1	116.5	0.50	<0.05	9.4	0.208	5.7
M355287		2.0	1.4	<0.002	0.01	0.13	0.2	<1	0.2	46.0	<0.05	<0.05	<0.2	<0.005	0.7
M355288		19.6	84.3	0.002	0.04	2.73	10.6	1	1.9	377	0.62	<0.05	8.5	0.269	3.0
M355289		15.2	89.3	<0.002	<0.01	0.77	10.7	1	1.8	409	0.67	<0.05	9.7	0.245	3.1
M355290		33.1	83.0	0.002	0.10	14.55	11.4	1	2.3	222	0.73	<0.05	10.8	0.245	4.5
M355291		21.1	98.8	<0.002	0.02	1.06	9.8	1	1.5	363	0.57	<0.05	12.3	0.226	3.3
M355292		23.6	93.0	0.002	0.03	1.17	10.4	1	1.5	380	0.59	<0.05	13.5	0.233	3.8
M355293		20.1	106.5	<0.002	0.02	0.73	8.7	1	1.3	334	0.51	<0.05	16.3	0.206	3.9
M355294		15.6	81.0	0.002	0.08	5.09	9.8	1	3.0	285	0.59	<0.05	8.9	0.234	3.5
M355295		15.8	77.8	0.002	0.07	3.57	10.3	1	2.2	341	0.59	<0.05	9.5	0.246	2.8
M355296		17.0	94.1	<0.002	0.05	4.07	10.1	1	1.9	335	0.57	<0.05	11.0	0.240	3.1
M355297		1305	161.5	<0.002	3.03	34.1	9.2	2	5.9	151.0	0.64	0.40	11.6	0.208	5.2
M355298		74.5	110.5	<0.002	0.31	10.90	10.3	1	1.8	323	0.62	<0.05	12.9	0.243	3.2
M355299		17.4	95.1	<0.002	0.05	6.54	10.2	1	1.9	202	0.72	<0.05	10.3	0.257	3.6
M355300		19.8	77.0	<0.002	0.05	5.59	9.8	1	2.2	243	0.67	<0.05	9.5	0.244	3.3
M355301		17.8	74.4	0.002	0.05	6.44	9.7	1	1.8	256	0.63	<0.05	9.6	0.229	3.0
M355302		17.9	73.9	0.002	0.05	6.07	9.2	1	1.6	254	0.65	<0.05	9.9	0.236	2.9
M355303		14.4	82.7	0.003	0.02	2.48	10.7	1	2.1	374	0.74	<0.05	10.9	0.249	3.5
M355304		13.6	71.6	0.003	0.04	5.11	10.8	1	3.3	389	0.67	<0.05	12.1	0.250	3.6
M355305		11.9	73.3	0.002	0.05	3.63	10.2	2	5.5	354	0.67	<0.05	12.8	0.232	3.4
M355306		18.1	82.4	<0.002	0.09	3.21	10.8	1	2.6	356	0.70	<0.05	10.2	0.244	3.9
M355307		74.8	98.1	<0.002	0.20	13.50	9.6	1	2.3	156.5	0.62	<0.05	10.1	0.238	3.7
M355308		613	103.0	0.002	0.78	32.3	9.2	1	2.4	88.3	0.58	0.06	9.9	0.230	4.5
M355309		41.0	93.4	<0.002	0.04	3.15	10.4	1	1.9	352	0.63	<0.05	10.2	0.241	4.0
M355310		23.3	113.5	0.002	0.14	3.22	10.1	1	2.1	323	0.64	<0.05	12.0	0.233	3.3



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 Account: ROCKHA

Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188052**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M355275		79	1.8	15.6	73	19.7
M355276		68	16.6	14.4	749	15.0
M355277		74	1.1	15.2	50	19.0
M355278		74	1.6	15.1	243	17.1
M355279		77	0.9	15.6	55	16.0
M355280		71	2.7	15.7	423	16.6
M355281		2	0.1	0.7	15	<0.5
M355282		76	1.1	16.0	49	18.1
M355283		54	5.4	9.8	5230	22.8
M355284		71	1.2	13.9	48	18.6
M355285		73	3.0	15.4	62	18.1
M355286		58	3.9	18.6	191	14.8
M355287		3	0.1	0.8	16	<0.5
M355288		75	1.4	14.5	58	17.1
M355289		69	1.0	14.9	42	17.5
M355290		73	5.3	16.2	69	22.7
M355291		63	1.0	13.8	50	18.8
M355292		65	1.2	14.7	72	21.5
M355293		56	1.2	13.1	54	23.1
M355294		68	1.8	13.4	50	19.1
M355295		70	1.6	13.5	43	18.5
M355296		68	1.1	13.0	46	17.8
M355297		58	5.4	11.1	3040	36.4
M355298		69	1.9	14.5	149	18.6
M355299		71	1.4	13.4	58	19.3
M355300		69	1.0	13.2	46	17.0
M355301		64	2.3	14.9	43	17.6
M355302		65	2.3	14.4	42	16.4
M355303		71	1.1	15.3	42	17.6
M355304		70	1.9	15.4	40	17.8
M355305		65	1.8	14.9	44	17.5
M355306		69	1.4	14.4	66	18.5
M355307		66	2.4	11.5	104	16.0
M355308		67	2.3	11.4	906	14.8
M355309		67	1.2	14.2	78	17.4
M355310		66	1.3	14.9	60	16.8



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**CERTIFICATE OF ANALYSIS WH12188052**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12188053**

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P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





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**CERTIFICATE OF ANALYSIS WH12188053**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355311		2.73	<0.005	0.05	7.41	6.2	2170	1.56	0.12	2.31	0.10	41.1	7.6	9	11.35	2.7
M355312		7.61	<0.005	0.04	7.07	6.5	1950	1.50	0.12	2.55	0.09	42.6	7.1	11	10.70	4.7
M355313		8.04	<0.005	0.12	7.05	5.9	2120	1.42	0.11	2.59	0.13	40.1	6.8	13	5.75	3.9
M355314		2.91	<0.005	0.07	7.07	6.8	2130	1.45	0.10	2.70	0.14	41.4	5.6	11	9.65	2.9
M355315		2.02	0.006	0.11	7.48	6.7	2050	1.47	0.14	2.83	0.09	52.2	6.8	10	10.75	2.6
M355316		3.31	<0.005	0.05	7.70	8.8	1750	1.54	0.12	2.54	0.10	61.3	6.7	12	12.20	3.3
M355317		2.46	0.022	0.70	7.21	34.0	1210	1.50	0.99	2.10	0.15	66.6	14.2	8	14.85	3.3
M355318		6.84	<0.005	0.08	7.43	5.8	1830	1.74	0.17	2.70	0.10	48.1	5.3	9	12.15	3.1
M355319		6.97	<0.005	0.08	7.26	6.4	2100	1.46	0.15	3.03	0.53	43.9	7.1	10	11.95	4.8
M355320		6.67	<0.005	0.25	7.20	10.0	1980	1.65	0.13	2.87	1.99	47.8	7.0	10	11.25	11.1
M355321		2.91	0.016	1.45	7.22	151.5	1180	1.62	0.66	2.38	4.15	54.7	6.3	12	16.65	37.3
M355322		0.26	4.36	>100	5.40	8280	1300	1.25	64.3	1.93	224	35.6	9.8	17	11.60	1270
M355323		3.25	0.007	0.31	7.22	22.7	1690	1.56	0.35	2.78	0.37	42.2	5.8	10	16.60	16.7
M355324		4.67	0.031	1.24	7.35	141.0	1300	1.52	0.62	4.30	2.53	53.3	6.1	8	17.80	12.6
M355325		3.15	0.140	2.98	5.62	403	900	1.43	1.95	5.79	11.85	40.9	5.7	7	9.87	30.6
M355326		2.62	<0.005	0.11	0.07	<5	20	0.06	0.05	21.1	0.13	1.13	0.6	1	0.16	1.3
M355327		5.74	0.118	2.25	7.15	327	1550	1.91	1.92	3.55	1.92	64.7	7.3	14	16.80	32.4
M355328		7.59	<0.005	0.48	7.47	56.5	1520	1.99	0.14	3.45	0.10	65.2	7.1	15	18.10	14.9
M355329		4.28	0.479	10.75	6.17	2150	1030	0.88	2.54	1.15	33.1	49.2	6.1	8	7.05	78.3
M355330		5.40	0.031	3.67	7.08	89.5	1400	1.52	1.42	0.74	18.75	56.6	6.7	9	12.05	25.2
M355331		5.13	<0.005	0.30	7.44	11.6	2130	1.63	0.18	2.50	0.28	48.0	7.1	10	14.80	5.0
M355332		<0.02	<0.005	0.22	7.20	9.0	2050	1.73	0.18	2.40	0.20	50.4	6.3	8	14.45	5.0
M355333		4.96	<0.005	0.53	7.42	27.6	2240	1.56	0.40	2.43	2.86	51.7	11.8	9	11.10	31.4
M355334		0.26	4.40	>100	5.56	8400	1250	1.17	63.6	1.95	230	34.4	9.6	17	11.15	1330
M355335		5.71	<0.005	0.21	7.70	10.6	2310	1.53	0.24	2.67	0.32	48.0	7.9	12	7.79	4.7
M355336		3.13	<0.005	0.20	7.63	9.7	1970	1.57	0.34	2.48	0.54	49.6	8.2	9	7.77	9.1
M355337		3.65	<0.005	0.35	7.27	21.2	1910	1.61	0.32	2.66	0.36	48.5	9.8	9	13.25	24.1
M355338		5.27	0.139	6.29	6.91	178.0	490	1.53	3.45	2.10	3.21	44.5	7.7	10	11.35	194.0
M355339		3.25	<0.005	0.61	7.53	11.2	2110	1.61	0.13	2.60	0.79	48.1	6.4	9	9.08	8.0
M355339		7.20	<0.005	0.14	7.46	6.7	2220	1.55	0.18	2.71	0.23	44.2	7.8	10	6.99	9.8
M355340		2.39	0.257	12.65	7.45	68.1	1810	1.32	2.11	2.57	20.5	47.5	21.6	9	13.45	53.7
M355341		3.90	<0.005	0.03	0.05	<5	20	0.05	0.02	20.2	0.07	1.13	1.0	1	0.12	2.6
M355342		2.34	0.105	4.48	7.29	953	1140	1.39	1.15	2.21	77.4	48.9	12.3	8	14.00	34.8
M355343		4.12	0.016	1.30	7.96	48.8	1960	1.45	0.57	2.44	7.96	47.3	6.7	10	13.70	25.9
M355344		2.48	1.160	10.85	7.20	3320	1120	1.31	2.79	2.41	122.5	50.7	9.4	7	11.10	62.0
M355345		2.35	0.008	0.79	7.12	49.6	1000	1.61	0.71	2.93	0.65	45.8	10.2	9	16.40	35.2



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Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188053**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355311		3.12	17.15	0.14	0.9	0.051	2.47	20.3	19.9	0.71	488	0.68	1.79	8.5	3.2	600
M355312		2.92	16.00	0.15	1.0	0.068	2.40	19.7	15.8	0.74	680	0.62	1.96	8.5	2.9	620
M355313		2.68	16.05	0.13	0.9	0.044	2.45	19.1	11.6	0.77	576	0.67	2.14	7.6	3.5	560
M355314		2.79	15.70	0.13	0.9	0.049	2.38	20.2	10.8	0.70	595	0.69	2.07	7.6	2.7	560
M355315		2.96	16.20	0.15	1.0	0.045	2.27	27.0	20.5	0.76	627	0.66	2.07	8.0	3.2	590
M355316		3.16	17.35	0.16	1.1	0.074	2.29	31.4	19.4	0.69	822	1.21	1.28	9.5	3.5	680
M355317		4.68	16.90	0.18	0.8	0.128	2.26	38.3	16.3	0.83	1400	0.57	0.23	7.4	3.3	550
M355318		3.16	16.55	0.13	1.0	0.074	1.95	24.4	17.6	0.72	514	0.52	2.06	8.3	2.8	620
M355319		2.97	15.75	0.13	0.9	0.067	2.44	21.8	17.8	0.73	664	0.63	1.48	7.9	2.9	580
M355320		2.91	16.60	0.15	1.0	0.098	2.43	23.8	14.6	0.73	686	0.78	1.81	8.5	3.1	590
M355321		3.76	15.45	0.15	0.9	0.350	2.80	28.6	32.1	0.93	1740	0.63	0.16	7.8	3.2	590
M355322		7.91	13.55	0.15	1.2	4.91	2.20	16.9	32.0	0.62	3030	15.50	0.08	5.9	14.5	450
M355323		2.96	16.70	0.14	1.0	0.069	2.51	18.9	25.3	0.67	799	0.91	0.95	8.7	2.9	620
M355324		3.09	15.55	0.14	0.9	0.122	2.91	28.5	38.1	1.45	2350	0.99	0.05	7.6	3.1	580
M355325		3.96	12.55	0.13	0.8	0.239	2.44	20.8	16.4	2.20	3110	2.24	0.03	5.8	2.6	460
M355326		0.45	0.21	0.09	<0.1	<0.005	0.03	0.5	1.0	12.90	199	0.30	0.01	0.2	1.8	170
M355327		3.12	18.60	0.16	3.7	0.083	2.76	34.3	72.9	1.35	1180	2.61	0.06	10.5	6.3	990
M355328		2.41	18.25	0.17	3.8	0.027	2.89	35.8	84.4	1.28	853	1.26	0.06	10.4	6.1	1030
M355329		10.55	15.85	0.18	1.1	0.757	2.67	22.3	6.9	0.56	4650	0.95	0.02	6.8	2.6	520
M355330		6.20	15.95	0.18	1.1	0.712	3.10	32.4	12.6	0.89	4120	1.05	0.03	8.0	2.8	540
M355331		2.95	16.50	0.15	1.1	0.060	2.66	23.6	11.6	0.68	752	0.77	1.67	8.6	2.8	580
M355332		2.81	15.90	0.13	1.1	0.058	2.53	24.0	11.1	0.65	706	0.84	1.66	8.1	2.6	570
M355333		3.11	16.65	0.14	1.0	0.087	2.79	26.1	11.2	0.71	919	0.61	1.57	8.3	3.0	600
M355334		8.07	12.95	0.13	1.2	4.76	2.28	17.3	31.5	0.63	3090	15.45	0.08	5.7	14.3	460
M355335		3.07	16.55	0.14	1.0	0.060	2.31	22.4	10.1	0.81	711	1.15	2.32	8.7	3.3	630
M355336		3.12	15.95	0.15	1.1	0.076	2.21	24.8	11.1	0.84	778	0.81	2.27	8.1	3.0	600
M355337		2.93	15.90	0.15	1.0	0.091	2.90	24.1	11.3	0.78	1360	0.64	1.20	8.0	2.8	570
M355338		4.28	16.00	0.12	1.0	0.124	2.75	20.9	16.1	0.73	953	1.33	0.75	8.0	2.9	550
M355339		2.70	17.35	0.16	1.1	0.065	2.76	24.2	16.7	0.71	674	1.08	1.65	8.9	2.8	610
M355339		2.96	16.30	0.14	1.1	0.050	2.66	20.6	13.3	0.80	659	0.81	2.06	8.3	3.0	600
M355340		4.15	14.60	0.14	0.8	0.151	2.95	25.6	16.1	0.77	2300	1.07	0.84	7.3	2.6	540
M355341		0.45	0.17	<0.05	<0.1	<0.005	0.02	0.5	0.8	12.70	202	0.25	0.01	0.2	0.8	180
M355342		4.56	14.70	0.15	0.9	0.354	2.96	27.3	11.1	0.80	1980	1.38	0.63	6.7	2.5	500
M355343		3.42	16.20	0.14	0.9	0.184	3.02	25.4	12.1	0.82	1360	0.57	1.42	7.8	2.3	590
M355344		5.40	14.30	0.17	0.9	0.493	2.79	28.0	7.8	0.83	1250	0.87	1.01	7.0	2.5	490
M355345		3.10	15.60	0.12	0.9	0.103	1.98	24.0	15.1	0.77	1200	0.56	1.33	7.6	2.4	530



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Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188053**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355311		15.4	91.2	<0.002	0.02	2.57	11.0	1	1.8	313	0.59	<0.05	11.6	0.255	1.05	3.6
M355312		14.5	89.4	<0.002	0.05	2.00	11.6	1	1.7	331	0.60	<0.05	11.7	0.262	1.10	3.6
M355313		17.1	83.5	<0.002	0.02	1.33	10.1	1	1.5	376	0.53	<0.05	10.9	0.244	0.88	3.2
M355314		16.0	80.9	<0.002	0.02	3.34	9.4	1	1.7	362	0.56	<0.05	12.6	0.243	1.03	3.4
M355315		16.1	90.1	<0.002	0.03	3.58	11.0	<1	1.9	370	0.60	<0.05	15.8	0.252	1.06	4.0
M355316		12.5	95.5	<0.002	0.09	6.49	12.1	1	2.1	245	0.63	<0.05	18.1	0.280	1.14	4.1
M355317		24.8	135.5	<0.002	1.30	5.55	10.6	1	5.0	73.6	0.54	0.28	16.6	0.241	1.65	7.9
M355318		13.1	77.3	<0.002	0.03	4.87	10.7	1	2.4	333	0.57	<0.05	13.3	0.263	0.98	3.1
M355319		18.7	85.1	<0.002	0.04	3.01	10.3	<1	1.6	312	0.56	<0.05	11.8	0.251	1.04	4.0
M355320		75.3	93.1	<0.002	0.08	3.24	11.0	<1	2.1	327	0.62	<0.05	14.3	0.252	1.26	4.0
M355321		246	171.0	<0.002	0.54	12.35	11.3	1	3.5	111.5	0.55	<0.05	14.2	0.240	2.40	5.4
M355322		9150	135.0	0.002	7.14	215	7.8	1	8.8	124.5	0.43	0.54	8.9	0.181	2.14	5.2
M355323		24.4	95.9	<0.002	0.22	6.84	10.8	1	3.3	237	0.63	<0.05	12.5	0.259	1.64	4.7
M355324		92.5	162.5	<0.002	1.08	8.45	10.6	1	2.9	132.0	0.54	<0.05	14.1	0.242	2.91	6.1
M355325		233	140.0	<0.002	2.48	13.15	7.9	1	3.8	162.5	0.39	0.20	10.1	0.180	2.43	4.8
M355326		1.6	1.2	<0.002	0.01	0.11	0.2	<1	0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.06	0.9
M355327		108.0	165.0	<0.002	1.42	8.24	7.5	1	4.7	163.5	0.67	0.09	10.3	0.268	3.11	4.4
M355328		10.3	163.0	0.002	0.21	6.53	7.2	<1	2.3	163.0	0.69	<0.05	10.8	0.287	3.10	4.8
M355329		1840	155.0	<0.002	9.79	21.9	8.9	1	13.2	27.3	0.62	0.11	10.8	0.203	2.63	3.4
M355330		776	188.0	<0.002	0.97	6.08	10.4	1	6.1	34.3	0.76	0.05	15.5	0.226	3.11	5.3
M355331		23.4	111.0	<0.002	0.11	3.76	10.6	1	1.7	307	0.67	<0.05	14.0	0.253	1.53	6.7
M355332		21.0	99.3	<0.002	0.08	3.44	10.1	1	1.6	300	0.67	<0.05	13.7	0.242	1.42	5.6
M355333		122.0	115.0	<0.002	0.55	2.71	11.4	1	1.9	295	0.60	<0.05	13.9	0.247	1.65	4.7
M355334		9310	141.0	0.003	7.38	221	7.6	1	8.8	123.0	0.43	0.44	9.3	0.187	2.23	5.3
M355335		25.1	96.7	<0.002	0.08	1.93	11.2	1	1.7	383	0.63	<0.05	13.4	0.269	1.18	4.1
M355336		19.4	109.0	0.003	0.21	2.56	11.0	1	1.8	324	0.62	<0.05	13.1	0.256	1.34	4.1
M355337		24.2	135.0	0.002	0.30	4.41	10.4	1	1.8	253	0.61	<0.05	14.5	0.241	1.90	4.9
M355338		291	121.0	0.005	2.65	31.4	10.6	1	4.3	165.0	0.59	0.16	11.3	0.236	1.75	4.4
M355339		97.0	96.4	<0.002	0.06	4.45	11.0	1	1.8	299	0.69	<0.05	12.5	0.259	1.32	3.5
M355339		21.5	92.2	<0.002	0.08	2.30	10.2	1	1.7	348	0.62	<0.05	11.9	0.263	1.13	3.9
M355340		2910	123.5	<0.002	1.56	13.70	9.5	2	2.7	232	0.56	0.86	12.7	0.233	1.98	4.5
M355341		3.3	0.9	<0.002	<0.01	0.05	0.2	2	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M355342		801	161.5	<0.002	2.20	10.70	10.0	2	3.4	160.5	0.54	0.46	12.6	0.230	2.28	4.9
M355343		204	131.5	<0.002	0.47	5.81	11.6	1	2.2	290	0.60	<0.05	12.3	0.270	1.80	4.3
M355344		2970	147.5	<0.002	3.66	19.15	9.5	2	4.6	215	0.59	0.14	13.2	0.220	1.95	7.7
M355345		28.0	93.8	<0.002	0.38	10.15	10.3	1	3.2	216	0.62	<0.05	12.2	0.244	1.77	4.5



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**CERTIFICATE OF ANALYSIS WH12188053**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M355311		70	2.0	14.9	41	17.1		
M355312		75	1.0	16.4	45	18.0		
M355313		65	0.8	14.7	44	17.2		
M355314		65	1.0	13.9	47	18.2		
M355315		68	1.5	16.7	48	19.9		
M355316		76	3.1	18.7	49	21.7		
M355317		71	4.1	16.2	67	14.7		
M355318		72	2.2	14.9	43	18.2		
M355319		67	1.5	15.9	92	17.4		
M355320		70	1.2	16.2	255	19.7		
M355321		69	3.2	15.1	470	17.2		
M355322		53	4.8	9.3	>10000	29.6	118	1.640
M355323		72	1.4	14.5	77	19.1		
M355324		68	4.1	15.4	268	17.3		
M355325		49	4.2	11.6	1020	18.7		
M355326		3	0.1	0.8	18	<0.5		
M355327		58	2.8	13.6	182	117.5		
M355328		60	3.3	13.1	54	120.5		
M355329		55	21.1	7.9	2620	19.6		
M355330		62	6.0	9.5	1900	20.5		
M355331		68	1.3	15.8	79	21.1		
M355332		65	1.3	14.6	69	20.3		
M355333		69	1.4	14.9	300	20.7		
M355334		53	4.9	9.2	>10000	30.1	121	1.635
M355335		73	1.3	16.0	71	19.4		
M355336		68	1.5	15.2	103	19.1		
M355337		65	1.6	15.4	87	19.2		
M355338		65	3.0	13.2	330	19.2		
M355369		69	2.3	16.2	110	21.7		
M355339		71	2.1	14.9	54	20.9		
M355340		63	2.1	14.6	1520	20.6		
M355341		2	0.1	0.8	14	<0.5		
M355342		64	2.8	13.7	5020	21.8		
M355343		74	1.9	16.0	841	21.2		
M355344		59	3.0	13.7	8080	21.3		
M355345		65	2.8	15.4	100	21.2		



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**CERTIFICATE OF ANALYSIS WH12188053**

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.



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**CERTIFICATE WH12188750**

Project: Klaza-68

P.O. No.: BATCH 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: **ROCKHAVEN RESOURCES LTD.**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145816\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-68

**CERTIFICATE OF ANALYSIS WH12188750**

Sample Description	Method Analyte Units LOR	Au-AA24	Au-GRA22
		Au ppm 0.005	Au ppm 0.05
N829230		0.040	
N829231		<0.005	
N829232		0.244	
N829233		<0.005	
N829234		0.010	
N829235		0.008	
N829236		0.027	
N829237		0.018	
N829238		0.025	
N829239		<0.005	
N829240		0.011	
N829241		2.33	
N829242		0.122	
N829243		<0.005	
N829244		>10.0	34.1
N829245		<0.005	
N829246		0.029	
N829247		0.135	
N829248		0.008	
N829249		0.015	
N829250		<0.005	
N829251		0.005	
N829252		4.01	
N829253		0.435	
N829254		<0.005	
N829255		<0.005	
N829256		<0.005	
N829257		<0.005	
N829258		0.014	
N829259		<0.005	
N829260		<0.005	
N829261		0.223	
N829262		0.009	
N829263		0.005	
N829264		0.291	
N829265		<0.005	

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12145816\*\*



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**CERTIFICATE WH12188751**

Project: Klaza-71

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147351\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager





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Project: Klaza-71

**CERTIFICATE OF ANALYSIS WH12188751**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N828543		0.019
N828544		0.105
N828545		0.046
N828546		<0.005
N828547		<0.005
N828548		<0.005
N828549		0.011
N828550		0.013
N828551		0.045
N828552		0.005
N828553		0.140
N828554		0.050
N828555		0.050
N828556		<0.005
N828557		0.008
N828558		0.044
N828559		0.039
N828560		0.039
N828561		4.39
N828562		1.180
N828563		0.013
N828564		0.006
N828565		<0.005
N828566		<0.005
N828567		<0.005
N828568		<0.005
N828569		<0.005
N828570		<0.005
N828571		0.777
N828572		0.006
N828573		3.31
N828574		<0.005
N828575		0.031
N828576		2.11
N828577		<0.005
N828578		0.454

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12147351\*\*



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**CERTIFICATE WH12188882**

Project: Klaza - 102

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12188882**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N814349		4.66	<0.005	0.06	7.78	2.5	2060	1.37	0.07	2.87	0.08	45.4	7.4	11	9.07	4.2
N814350		4.77	<0.005	0.08	7.56	5.4	2030	1.32	0.18	2.82	0.15	43.3	7.1	12	8.53	3.4
N814351		<0.02	<0.005	0.06	8.16	5.3	2180	1.42	0.19	2.97	0.12	49.3	7.9	12	9.21	3.8
N814352		3.50	<0.005	0.04	7.87	4.6	2080	1.45	0.12	2.90	0.10	44.9	8.6	11	8.75	2.5
N814353		6.50	<0.005	0.09	7.00	7.2	1610	1.26	0.23	2.48	0.12	37.5	5.3	10	19.15	3.2
N814354		6.40	0.030	0.47	7.29	56.8	1930	1.13	0.64	3.27	0.48	36.8	23.7	8	14.40	1.9
N814355		3.10	0.400	3.23	6.80	392	1990	1.16	0.23	2.92	8.36	44.2	5.9	9	15.00	7.3
N814356		2.20	<0.005	0.01	0.08	<5	160	0.06	0.02	20.8	0.08	1.20	0.9	1	0.20	1.8
N814357		5.72	<0.005	0.10	7.37	3.5	2040	1.26	0.13	2.65	0.10	43.8	7.7	11	11.75	5.6
N814358		2.99	<0.005	0.10	6.08	8.0	2690	1.03	0.29	2.85	0.11	32.9	6.9	10	11.95	5.3
N814359		3.00	<0.005	0.13	6.85	9.7	1460	1.32	0.26	2.80	0.27	37.9	8.9	9	27.9	4.6
N814360		0.26	2.35	24.4	5.91	3580	970	1.13	18.75	2.17	81.9	40.2	9.9	19	14.10	437
N814361		3.72	<0.005	0.06	7.57	4.3	2120	1.21	0.10	2.78	0.12	43.7	7.6	10	19.50	4.0
N814362		7.03	<0.005	0.07	7.42	4.0	1840	1.17	0.15	3.30	0.18	41.5	7.7	11	18.20	3.3
N814363		4.81	<0.005	0.11	7.51	5.6	1690	1.22	0.06	2.68	0.14	48.1	8.0	11	26.7	3.7
N814364		4.54	<0.005	0.08	7.13	9.3	1610	1.27	0.21	2.74	0.20	43.0	7.9	11	24.3	3.6
N814365		3.84	<0.005	0.16	7.22	4.7	1960	1.17	0.05	2.68	0.40	43.3	7.8	11	14.45	4.4
N814366		2.68	0.280	1.02	6.75	825	1170	1.05	0.12	3.81	11.25	45.6	6.9	7	16.50	5.8
N814367		2.78	<0.005	0.05	0.07	<5	30	0.05	0.02	19.95	0.10	1.19	0.9	1	0.20	1.8
N814368		2.17	<0.005	0.45	6.67	22.4	1500	1.29	0.05	2.68	0.50	38.3	7.3	9	23.7	4.5
N814369		0.26	4.49	>100	5.20	8070	1180	0.93	55.7	1.83	221	32.8	8.2	17	11.60	1220
N814370		2.89	<0.005	0.30	6.79	112.0	1560	1.24	0.08	2.84	0.42	36.5	7.4	8	29.0	5.3
N814371		1.69	<0.005	0.23	6.93	68.2	1620	1.24	0.06	2.78	0.28	40.2	7.5	9	29.5	5.2
N814372		2.25	0.006	0.38	6.92	237	1110	1.31	0.07	2.78	0.20	37.4	7.1	7	27.9	5.4
N814373		2.36	0.012	0.56	7.03	35.8	1230	1.16	0.10	3.92	0.54	44.4	7.3	7	24.5	5.8
N814374		4.37	<0.005	0.26	7.00	5.5	1980	1.25	0.21	2.66	0.21	38.0	8.1	10	16.15	2.5
N814375		2.53	<0.005	0.08	7.31	4.6	2390	1.27	0.16	3.11	0.12	42.7	8.4	11	14.30	4.3
N814376		2.51	0.005	0.23	6.99	15.5	2800	1.19	0.22	2.73	0.23	36.3	7.8	8	20.1	7.1
N814377		3.94	1.745	>100	3.68	6490	510	0.77	8.92	5.24	85.7	29.1	15.6	6	6.93	273
N814378		6.75	0.015	1.44	6.98	71.2	1180	1.81	0.16	2.69	0.85	53.9	6.6	15	19.25	9.2
N814379		7.61	<0.005	0.34	6.46	16.6	1080	1.79	0.20	2.26	0.56	56.1	5.1	12	30.1	3.7
N814380		4.63	<0.005	0.19	6.88	16.0	780	1.73	0.39	2.68	0.73	61.8	5.2	11	19.85	4.1
N814381		2.84	0.230	3.03	6.63	247	1150	1.62	0.15	2.91	4.32	46.0	7.3	10	19.95	15.3
N814382		4.25	0.392	88.1	4.67	1260	420	0.86	7.59	0.64	91.0	35.0	31.4	9	5.46	418
N814383		3.59	0.282	12.25	5.91	505	550	1.27	2.13	2.42	11.25	40.7	29.6	8	10.65	64.9
N814384		3.99	0.084	0.41	6.49	23.5	1840	1.45	0.15	2.79	2.36	38.0	7.8	10	13.60	8.4



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Finalized Date: 31-AUG-2012  
Account: ROCKHA

Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12188882**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814349		3.29	15.60	0.12	1.5	0.040	2.47	23.9	12.8	0.87	743	0.57	2.20	8.4	3.0	630
N814350		3.25	15.30	0.12	1.3	0.056	2.17	21.9	14.5	0.94	702	0.47	2.25	8.0	3.0	620
N814351		3.49	17.05	0.12	1.3	0.060	2.34	26.2	15.5	1.00	747	0.55	2.36	8.5	3.4	660
N814352		3.43	17.55	0.11	1.5	0.043	2.12	22.9	15.2	0.95	707	0.47	2.41	8.4	3.2	660
N814353		3.10	14.70	0.12	1.2	0.083	1.92	19.3	40.4	0.71	746	0.34	0.85	7.9	2.7	610
N814354		4.53	15.70	0.14	1.0	0.336	3.02	18.7	31.8	0.91	2260	0.48	0.63	7.6	2.8	610
N814355		4.30	13.90	0.14	1.0	0.263	2.85	25.1	20.2	1.00	3640	0.53	0.25	6.7	2.9	540
N814356		0.49	0.24	<0.05	<0.1	0.010	0.03	0.6	0.9	13.10	221	0.10	0.01	0.3	2.4	190
N814357		3.19	15.45	0.12	1.2	0.051	2.43	22.1	14.2	0.85	726	0.55	1.90	7.8	2.9	610
N814358		2.81	13.30	0.10	0.9	0.084	1.61	16.3	40.3	0.67	786	0.41	1.25	6.6	2.5	540
N814359		3.40	15.10	0.12	1.1	0.083	1.97	17.8	33.2	0.73	919	0.76	1.60	8.3	2.9	660
N814360		6.85	13.15	0.18	0.9	1.700	2.56	21.4	20.8	0.92	1910	13.85	0.04	6.0	14.8	450
N814361		3.25	15.95	0.12	1.1	0.046	2.43	21.8	10.3	0.77	677	0.49	2.25	7.8	3.1	660
N814362		3.45	16.00	0.12	1.1	0.053	1.92	20.2	13.2	0.85	764	0.42	2.28	8.1	3.3	660
N814363		3.24	15.65	0.12	1.2	0.044	2.34	24.7	25.1	0.78	736	0.46	1.70	8.2	3.0	670
N814364		3.34	16.15	0.13	1.2	0.055	1.66	22.4	16.6	0.69	794	0.54	2.17	8.1	3.1	630
N814365		3.12	15.50	0.13	1.3	0.038	2.33	21.4	13.2	0.78	676	0.61	1.74	8.1	2.9	620
N814366		4.01	13.90	0.14	1.0	0.131	1.94	26.0	32.4	1.39	3520	0.57	0.05	6.9	2.5	550
N814367		0.45	0.23	<0.05	<0.1	0.008	0.03	0.6	0.9	12.65	207	1.11	0.01	0.3	2.3	190
N814368		2.90	15.00	0.12	1.2	0.043	2.70	19.0	30.7	0.84	949	2.27	0.83	7.7	3.3	600
N814369		7.99	12.30	0.22	1.0	4.71	2.15	17.1	27.2	0.61	2900	15.35	0.08	5.4	13.3	440
N814370		3.04	15.35	0.10	1.4	0.045	2.63	17.9	27.5	0.76	822	1.91	1.10	8.0	2.8	650
N814371		3.01	15.70	0.12	1.3	0.039	2.67	19.6	32.7	0.73	792	1.38	1.11	8.1	2.7	640
N814372		3.09	14.70	0.12	1.2	0.040	2.57	19.0	32.8	0.92	882	1.85	0.34	7.5	2.6	580
N814373		2.67	14.15	0.11	1.1	0.040	2.45	23.6	29.7	1.29	1390	1.30	0.06	7.2	2.6	580
N814374		3.41	15.55	0.12	1.2	0.056	1.69	18.8	17.8	0.92	715	0.53	1.85	8.2	2.9	630
N814375		3.37	15.75	0.12	1.1	0.050	2.10	21.0	10.7	0.90	800	0.74	1.95	8.4	3.2	660
N814376		3.34	15.95	0.12	1.2	0.083	2.53	17.4	20.9	0.75	1280	0.70	0.72	8.4	2.8	690
N814377		7.78	8.71	0.19	0.7	1.750	1.55	14.6	11.7	1.85	3650	5.72	0.02	3.8	2.7	340
N814378		2.31	16.95	0.11	3.3	0.043	2.54	27.7	30.6	0.96	995	1.48	0.05	10.0	5.9	1040
N814379		2.26	16.90	0.11	2.4	0.027	2.40	30.1	45.6	0.83	588	0.92	0.06	11.1	3.1	810
N814380		2.28	17.15	0.10	2.5	0.024	1.64	33.3	111.0	0.98	618	2.52	0.07	11.6	3.1	820
N814381		3.61	15.20	0.12	1.8	0.215	2.70	26.7	20.5	1.13	2540	1.48	0.02	7.6	4.4	670
N814382		7.23	11.80	0.14	0.8	1.410	2.13	18.5	10.6	0.34	346	0.94	0.02	5.0	3.2	380
N814383		5.39	14.45	0.15	0.9	0.312	2.66	23.3	8.8	0.93	2760	1.38	0.03	6.4	3.5	480
N814384		3.08	15.95	0.11	1.1	0.072	2.49	18.7	13.5	0.76	1180	0.49	1.45	8.1	3.1	570



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**CERTIFICATE OF ANALYSIS WH12188882**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N814349		17.3	98.8	<0.002	0.01	1.11	10.6	1	1.6	424	0.79	<0.05	13.4	0.274	5.7
N814350		19.6	80.9	<0.002	<0.01	2.75	9.9	1	1.6	454	0.65	<0.05	13.1	0.268	4.6
N814351		20.7	90.4	<0.002	<0.01	2.83	11.7	1	1.7	486	0.69	<0.05	14.4	0.285	5.4
N814352		18.3	77.2	<0.002	<0.01	2.39	12.4	1	1.5	508	0.69	<0.05	12.3	0.286	3.6
N814353		15.4	75.2	<0.002	0.06	10.00	9.6	1	2.0	255	0.63	<0.05	12.0	0.264	3.6
N814354		69.4	140.0	<0.002	0.38	6.20	9.0	1	3.0	149.5	0.62	<0.05	10.8	0.260	3.7
N814355		338	185.5	<0.002	1.35	12.90	9.6	1	2.8	164.0	0.53	<0.05	11.6	0.235	3.8
N814356		1.9	1.6	<0.002	0.02	<0.05	0.3	1	<0.2	50.2	<0.05	<0.05	<0.2	<0.005	0.7
N814357		21.7	87.8	<0.002	0.02	1.89	10.5	1	2.1	378	0.63	<0.05	11.6	0.269	3.3
N814358		19.4	59.4	<0.002	0.07	13.45	8.5	1	2.0	294	0.50	<0.05	7.9	0.231	2.6
N814359		25.9	77.2	<0.002	0.05	7.10	11.7	1	2.3	283	0.62	<0.05	8.8	0.294	3.1
N814360		2770	165.0	0.002	4.88	90.5	7.2	1	7.7	89.2	0.47	0.38	9.7	0.180	5.2
N814361		19.4	87.0	<0.002	0.01	3.02	10.8	1	1.8	431	0.60	<0.05	10.3	0.280	3.3
N814362		19.0	65.3	<0.002	0.01	3.41	10.4	1	1.9	483	0.59	<0.05	9.7	0.278	3.3
N814363		17.1	94.0	<0.002	0.06	4.86	11.1	1	1.8	347	0.65	<0.05	11.7	0.291	3.7
N814364		17.9	71.6	<0.002	0.04	15.55	10.5	1	1.9	330	0.64	<0.05	11.0	0.272	3.3
N814365		27.2	84.0	<0.002	0.03	3.28	10.4	1	1.7	351	0.66	<0.05	10.9	0.275	3.6
N814366		119.5	105.5	<0.002	0.55	20.0	9.6	1	2.1	136.5	0.56	<0.05	11.1	0.235	2.8
N814367		3.8	1.3	<0.002	0.01	0.10	0.3	1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	0.6
N814368		50.6	106.5	<0.002	0.16	6.32	9.5	1	1.5	244	0.67	<0.05	10.5	0.254	3.9
N814369		8940	133.5	<0.002	6.90	210	6.5	2	8.7	121.5	0.42	0.53	7.8	0.177	4.9
N814370		27.7	99.9	<0.002	0.16	6.98	10.0	1	1.7	284	0.69	<0.05	9.1	0.271	3.8
N814371		21.3	107.5	<0.002	0.14	6.01	9.9	1	1.7	284	0.69	<0.05	10.0	0.270	4.0
N814372		17.0	105.0	<0.002	0.25	10.05	9.9	1	1.4	207	0.58	<0.05	9.4	0.253	3.5
N814373		29.5	93.7	<0.002	0.26	7.32	9.5	1	1.5	170.0	0.60	<0.05	10.7	0.245	4.1
N814374		21.6	67.3	<0.002	0.02	5.21	10.5	1	1.6	365	0.68	<0.05	10.3	0.274	3.6
N814375		18.3	74.1	<0.002	0.03	2.78	10.9	1	1.6	405	0.66	<0.05	10.8	0.281	3.7
N814376		25.5	93.3	<0.002	0.18	10.85	10.2	1	1.9	220	0.66	0.05	9.7	0.288	3.3
N814377		>10000	100.0	0.004	7.20	193.0	4.9	2	7.1	132.5	0.28	0.63	5.3	0.122	13.0
N814378		118.0	136.0	<0.002	0.50	12.55	6.3	1	1.5	240	0.71	<0.05	8.5	0.279	4.6
N814379		39.6	85.7	<0.002	0.05	6.21	5.7	1	1.3	209	0.75	<0.05	9.2	0.232	4.4
N814380		34.1	54.4	<0.002	0.07	4.20	5.8	1	1.6	282	0.80	<0.05	9.9	0.241	5.2
N814381		393	154.0	<0.002	1.52	13.90	8.7	1	2.5	222	0.57	<0.05	10.5	0.237	4.2
N814382		9450	146.5	<0.002	7.76	135.5	7.3	2	8.8	28.8	0.41	1.13	8.9	0.166	2.9
N814383		964	163.0	<0.002	4.20	24.6	9.9	1	9.3	88.2	0.54	0.47	11.2	0.208	4.2
N814384		89.4	89.3	<0.002	0.13	3.84	10.5	1	1.8	301	0.69	<0.05	10.2	0.257	4.4



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**CERTIFICATE OF ANALYSIS WH12188882**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N814349		77	0.9	17.6	58	33.0	<1		
N814350		76	1.8	16.3	60	33.4	<1		
N814351		80	1.7	18.3	63	32.7	1		
N814352		80	1.9	18.0	56	35.9	<1		
N814353		73	3.4	13.4	52	29.7	<1		
N814354		74	8.0	14.2	101	25.9	1		
N814355		67	3.0	14.6	673	23.8	3		
N814356		3	0.1	0.8	16	<0.5	<1		
N814357		76	1.2	15.6	58	29.9	1		
N814358		66	2.3	11.9	51	22.0	<1		
N814359		87	2.1	14.7	68	24.8	<1		
N814360		58	5.3	9.5	5540	24.1	25		
N814361		79	0.8	15.9	54	28.0	<1		
N814362		84	1.5	15.8	50	28.3	<1		
N814363		85	1.2	16.5	56	30.0	<1		
N814364		80	1.8	16.3	64	29.8	<1		
N814365		78	1.7	16.3	81	31.3	1		
N814366		67	3.3	16.6	905	23.8	1		
N814367		3	0.1	0.8	17	<0.5	<1		
N814368		73	1.6	15.0	78	29.1	1		
N814369		52	4.5	8.7	>10000	30.6	120		1.640
N814370		82	2.0	14.4	70	32.9	1		
N814371		80	2.3	15.3	59	30.6	1		
N814372		73	4.0	14.1	57	27.7	<1		
N814373		70	3.7	16.2	71	27.3	<1		
N814374		76	2.0	15.7	59	28.0	<1		
N814375		80	1.7	17.0	59	28.1	<1		
N814376		84	2.2	14.6	78	29.2	<1		
N814377		39	3.0	6.9	5990	18.6	209	1.180	
N814378		59	3.8	12.9	115	122.5	1		
N814379		47	2.1	12.6	88	74.6	<1		
N814380		48	3.0	13.1	94	76.2	<1		
N814381		61	4.7	10.1	395	62.3	3		
N814382		53	5.8	6.5	6820	17.2	91		
N814383		64	4.4	10.3	854	21.9	12		
N814384		75	1.6	14.8	243	27.2	<1		



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**CERTIFICATE OF ANALYSIS WH12188882**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12188883**

Project: Klaza - 102

P.O. No.: Batch 6

This report is for 18 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





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**CERTIFICATE OF ANALYSIS WH12188883**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814385		3.80	<0.005	0.11	7.23	6.1	2310	1.47	0.15	2.87	0.11	38.2	8.1	11	8.82	4.9
N814386		5.04	<0.005	0.08	7.41	5.9	2260	1.38	0.09	2.81	0.14	41.6	8.6	12	7.95	5.5
N814387		4.73	<0.005	0.10	7.41	5.9	2280	1.39	0.07	2.84	0.07	39.0	8.5	11	7.69	6.7
N814388		<0.02	<0.005	0.10	7.46	5.9	2290	1.36	0.08	2.83	0.06	41.9	8.8	12	7.99	7.4
N814389		5.20	<0.005	0.05	7.53	6.4	2400	1.46	0.08	2.77	0.07	41.3	9.1	13	6.91	5.4
N814390		4.49	<0.005	0.08	7.47	5.0	2210	1.42	0.15	2.95	0.22	41.8	8.8	15	8.00	8.8
N814391		2.59	0.007	0.13	7.49	19.7	2060	1.39	0.19	2.92	0.92	43.5	8.5	11	7.36	7.1
N814392		4.66	<0.005	0.09	7.58	43.4	2150	1.40	0.15	2.90	0.29	45.3	8.6	12	7.40	7.1
N814393		3.43	<0.005	0.05	7.33	5.2	2000	1.41	0.16	2.78	0.07	44.8	8.2	11	7.90	4.0
N814394		1.88	1.120	13.00	5.64	1195	1220	0.98	4.26	2.51	26.9	36.0	37.9	8	7.56	121.5
N814395		2.05	<0.005	0.08	0.07	<5	70	<0.05	0.04	20.7	0.14	1.23	0.7	<1	0.22	1.7
N814396		3.66	0.122	0.17	7.14	13.5	1900	1.29	2.25	2.75	0.28	39.1	21.5	12	11.85	11.3
N814397		4.90	<0.005	0.05	7.31	5.4	2130	1.42	0.17	2.84	0.12	44.2	8.7	12	6.21	6.6
N814398		4.78	<0.005	0.14	7.25	5.1	2110	1.46	0.14	2.75	0.17	44.1	8.6	12	7.44	7.1
N814399		2.98	0.005	0.49	7.54	39.3	1450	1.39	0.17	2.82	0.70	46.3	8.1	10	14.40	9.1
N814400		2.93	<0.005	0.02	0.17	<5	100	0.05	0.04	20.9	0.08	2.48	0.7	1	0.37	1.4
N814401		3.10	<0.005	0.07	6.94	7.4	2080	1.26	0.07	2.71	0.07	46.1	7.2	11	8.49	16.5
N814402		5.05	<0.005	0.08	6.84	2.1	2130	1.39	0.09	2.78	0.12	43.6	7.2	13	9.22	13.5



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Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12188883**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N814385		3.42	16.25	0.07	1.2	0.059	2.28	16.0	13.1	0.85	1060	0.46	1.87	7.8	2.6	610
N814386		3.36	17.30	0.10	1.1	0.045	2.38	18.1	16.8	0.94	797	0.51	2.13	8.3	2.7	620
N814387		3.21	16.25	0.07	1.0	0.035	2.37	17.2	17.7	0.92	724	0.56	2.16	7.4	2.5	620
N814388		3.23	16.95	0.09	1.1	0.034	2.39	18.1	18.4	0.92	724	0.48	2.14	7.7	2.5	610
N814389		3.29	17.00	0.11	1.4	0.044	2.37	18.1	16.4	0.99	744	0.52	2.28	8.0	2.4	620
N814390		3.47	16.45	0.10	1.3	0.044	2.36	17.9	15.4	0.96	794	0.48	2.13	8.1	2.8	670
N814391		3.34	16.25	0.08	1.2	0.054	2.40	19.0	12.0	0.87	885	0.47	1.91	7.5	2.4	610
N814392		3.35	16.50	0.10	1.3	0.055	2.30	20.4	10.2	0.93	928	0.47	2.03	7.9	2.5	610
N814393		3.44	15.80	0.07	1.2	0.041	2.18	19.7	12.9	0.91	728	0.50	2.03	8.0	2.4	580
N814394		6.61	12.95	0.09	0.9	0.629	2.48	18.2	10.8	1.02	3100	1.11	0.06	5.4	1.8	410
N814395		0.45	0.26	0.07	<0.1	0.007	0.03	0.6	0.9	12.75	214	0.11	0.01	0.2	0.9	150
N814396		3.36	14.75	0.10	1.2	0.042	2.62	17.4	10.9	0.73	889	0.67	1.58	7.1	2.2	580
N814397		3.12	17.10	0.10	1.2	0.037	2.23	19.1	13.8	0.92	724	0.55	2.33	8.2	2.5	590
N814398		3.21	17.00	0.08	1.2	0.047	2.52	18.5	12.8	0.91	940	0.77	2.04	8.2	2.8	580
N814399		3.39	15.80	0.08	1.2	0.103	2.88	21.3	16.8	0.81	1340	0.75	1.10	7.7	2.2	600
N814400		0.49	0.45	0.08	<0.1	0.007	0.05	1.2	1.3	13.05	215	0.12	0.02	0.2	1.0	210
N814401		3.01	15.20	0.09	1.1	0.033	2.49	20.1	11.4	0.79	690	0.75	2.00	7.4	5.8	610
N814402		3.00	15.75	0.08	1.0	0.037	2.45	19.5	13.2	0.76	694	0.73	2.02	7.5	4.0	600



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Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12188883**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814385		46.3	79.0	<0.002	0.06	2.69	11.0	1	1.8	372	0.58	<0.05	9.5	0.277	1.14	3.7
N814386		16.8	86.1	<0.002	0.04	1.38	11.8	1	1.6	420	0.56	<0.05	9.6	0.285	0.98	3.4
N814387		16.7	81.3	<0.002	0.03	1.30	10.8	<1	1.5	426	0.53	<0.05	8.7	0.278	0.91	2.9
N814388		16.8	80.9	<0.002	0.03	1.34	11.5	<1	1.4	426	0.51	<0.05	9.1	0.279	0.98	3.0
N814389		15.7	77.1	<0.002	0.02	0.97	11.3	1	1.4	504	0.64	<0.05	10.0	0.284	0.89	3.5
N814390		19.3	77.6	<0.002	0.04	1.23	11.5	1	1.6	413	0.63	<0.05	9.9	0.294	0.97	3.8
N814391		23.6	88.3	0.002	0.15	1.60	11.3	<1	1.9	379	0.58	<0.05	10.1	0.274	1.06	3.5
N814392		18.9	86.4	<0.002	0.08	1.91	11.7	1	1.6	389	0.59	<0.05	11.1	0.276	1.07	3.9
N814393		16.1	78.4	<0.002	0.01	2.24	11.1	<1	1.8	368	0.66	<0.05	11.8	0.269	1.06	4.1
N814394		1305	147.0	<0.002	5.12	25.5	8.5	1	8.0	74.9	0.41	0.26	9.4	0.182	1.76	4.4
N814395		6.8	1.8	<0.002	0.01	0.23	0.2	<1	0.5	54.1	<0.05	<0.05	<0.2	<0.005	0.03	0.5
N814396		25.6	93.3	<0.002	0.41	2.58	10.0	<1	2.4	322	0.58	0.13	10.7	0.257	1.19	4.0
N814397		17.3	73.3	<0.002	0.01	1.16	11.1	1	1.8	451	0.60	<0.05	11.2	0.272	0.82	3.9
N814398		21.4	89.9	<0.002	0.03	1.47	11.0	1	1.7	406	0.61	<0.05	10.2	0.273	1.08	3.7
N814399		31.6	124.5	<0.002	0.39	4.86	11.3	1	2.0	259	0.60	<0.05	11.6	0.272	1.90	4.0
N814400		1.8	2.6	<0.002	0.01	0.25	0.3	<1	0.2	51.1	<0.05	<0.05	0.3	0.005	0.03	0.7
N814401		20.0	101.5	<0.002	0.02	1.28	10.3	1	1.6	378	0.65	<0.05	12.8	0.258	1.11	4.0
N814402		18.9	104.5	<0.002	0.01	1.49	10.3	1	1.8	390	0.68	<0.05	11.7	0.257	1.04	3.8



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Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12188883**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814385		76	8.3	13.0	56	23.1
N814386		79	0.9	14.5	55	23.0
N814387		76	0.8	13.0	50	20.6
N814388		77	0.7	13.7	50	21.7
N814389		78	0.7	14.2	50	25.8
N814390		82	1.1	14.1	64	23.8
N814391		76	0.8	14.2	136	22.7
N814392		76	1.1	14.7	77	25.1
N814393		74	2.9	14.3	51	21.8
N814394		52	5.3	9.0	2520	17.2
N814395		1	0.1	0.8	21	<0.5
N814396		69	2.3	12.8	69	22.8
N814397		76	0.7	14.1	50	23.6
N814398		74	0.8	14.0	58	24.6
N814399		75	2.2	13.6	100	22.0
N814400		2	0.1	1.0	16	0.6
N814401		72	0.6	14.7	50	25.8
N814402		71	0.7	14.6	54	26.4



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**CERTIFICATE OF ANALYSIS WH12188883**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12188884**

Project: Klaza - 103

P.O. No.: Batch 4

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12188884**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355346		2.64	<0.005	0.04	6.69	11.9	1760	1.61	0.18	2.55	0.08	41.1	5.8	10	16.25	2.6
M355347		6.62	<0.005	0.08	7.07	10.2	1880	1.66	0.38	2.42	0.12	43.3	6.7	10	12.75	6.4
M355348		5.79	<0.005	0.08	6.91	10.5	1890	1.51	0.15	2.23	0.14	42.1	7.7	10	12.90	14.5
M355349		2.69	0.275	3.45	6.39	1230	550	1.42	3.59	2.52	14.35	43.6	6.5	9	11.60	34.4
M355350		3.44	<0.005	0.02	0.08	<5	20	0.07	0.02	20.7	0.08	1.49	1.0	1	0.20	1.5
M355351		3.53	0.005	0.06	6.73	12.6	2000	1.50	0.15	2.81	0.10	40.0	5.9	10	12.60	4.5
M355352		3.86	<0.005	0.04	7.12	6.3	2120	1.55	0.19	2.60	0.10	41.7	7.5	11	11.00	4.3
M355353		2.24	<0.005	0.04	6.91	6.5	2100	1.60	0.16	2.57	0.10	42.3	6.8	12	9.94	4.6
M355354		5.21	<0.005	0.25	6.84	7.7	1750	1.65	0.37	2.49	0.08	44.4	7.5	11	10.80	5.3
M355355		2.54	0.010	0.14	6.04	20.8	2090	1.48	0.20	4.00	0.45	43.1	7.6	9	15.85	8.2
M355356		8.80	<0.005	0.03	7.07	3.2	2090	1.67	0.09	2.63	0.08	42.5	7.5	11	7.10	5.1
M355357		8.04	<0.005	0.02	6.93	3.7	2010	1.57	0.11	2.55	0.12	45.0	7.3	14	6.32	8.0
M355358		7.61	<0.005	0.03	7.24	4.0	2180	1.72	0.12	2.59	0.13	45.4	7.8	13	6.20	7.7
M355359		<0.02	<0.005	0.03	7.05	4.3	2110	1.62	0.11	2.51	0.12	44.0	7.8	12	6.02	7.3
M355360		7.43	<0.005	0.05	6.99	4.2	2100	1.65	0.17	2.66	0.10	44.6	7.9	12	8.20	8.6
M355361		7.75	<0.005	0.03	6.92	3.5	2120	1.53	0.10	2.44	0.09	42.1	7.9	13	6.77	5.7
M355362		7.96	0.006	0.03	7.10	3.6	2080	1.58	0.11	2.58	0.09	43.3	8.0	11	7.29	5.6
M355363		8.10	<0.005	0.02	7.01	3.3	2060	1.44	0.10	2.40	0.15	43.4	8.2	11	6.81	6.2
M355364		0.24	0.775	9.68	6.33	1750	1540	1.50	6.65	1.79	40.7	44.3	16.9	19	17.20	106.0
M355365		7.95	<0.005	0.07	6.80	4.4	1930	1.58	0.11	2.61	0.11	42.6	7.8	12	8.69	5.4
M355366		8.10	<0.005	0.04	6.84	3.7	1950	1.66	0.16	2.58	0.09	45.6	7.9	11	7.30	5.6
M355367		5.75	<0.005	0.03	6.91	3.4	2000	1.57	0.14	2.23	0.10	41.3	7.3	10	6.72	6.1
M355368		4.57	<0.005	0.27	7.15	9.7	1690	1.34	0.26	1.47	1.71	48.1	7.3	9	12.10	44.0
M355369		Not Recvd														
M355370		6.55	<0.005	0.06	6.94	10.8	1810	1.49	0.13	2.20	0.09	44.9	6.8	9	14.30	5.0
M355371		4.34	<0.005	0.16	6.45	22.7	1870	1.44	0.60	3.20	0.18	50.2	12.9	7	22.4	29.7
M355372		4.75	<0.005	0.13	6.66	14.7	1790	1.59	0.40	2.68	0.15	43.0	12.8	10	11.40	24.4
M355373		2.29	0.027	0.20	6.80	99.6	1980	1.63	0.20	2.56	0.92	43.1	6.2	10	8.20	15.0
M355374		2.48	<0.005	0.02	6.83	3.5	1980	1.58	0.14	2.58	0.08	42.5	6.6	11	7.63	4.2
M355375		0.26	1.620	25.3	5.86	3450	1680	1.35	19.45	2.16	75.9	46.0	10.8	19	15.05	431
M355376		4.99	<0.005	0.11	7.03	5.5	2020	1.59	0.15	2.56	0.22	43.6	7.1	12	7.23	4.9
M355377		3.64	<0.005	0.16	7.31	4.8	2050	1.68	0.11	2.63	0.70	48.9	7.4	11	10.05	6.2
M355378		5.49	<0.005	0.33	7.00	8.0	2040	1.64	0.11	2.86	1.53	45.1	7.5	15	13.10	6.8
M355379		3.76	<0.005	0.09	7.23	3.4	2040	1.85	0.10	2.61	0.14	47.8	7.6	10	7.22	5.9
M355380		2.60	0.012	1.91	6.67	35.8	2160	1.62	0.42	2.43	10.95	40.4	7.5	9	13.90	55.0
M355381		4.34	<0.005	0.01	0.06	<5	30	0.05	0.06	19.85	0.07	1.19	0.9	<1	0.12	1.1
M355382		3.65	<0.005	0.34	7.43	12.9	2260	1.80	0.27	2.55	1.51	55.2	6.8	9	11.80	11.6



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Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188884**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355346		2.99	15.75	0.10	1.0	0.039	1.75	20.8	12.4	0.65	599	0.47	2.30	8.1	3.1	560
M355347		3.03	16.10	0.12	1.0	0.067	2.03	22.8	14.4	0.67	588	0.67	2.07	8.4	3.2	570
M355348		2.81	16.05	0.11	1.1	0.044	2.53	21.3	14.6	0.67	671	0.68	1.59	8.4	3.1	570
M355349		4.76	14.35	0.14	0.9	0.317	2.97	24.7	7.9	0.59	2180	0.61	0.06	7.0	3.2	500
M355350		0.46	0.25	<0.05	<0.1	<0.005	0.03	0.7	0.9	12.60	197	0.20	0.01	0.2	2.2	180
M355351		2.80	15.70	0.09	1.1	0.049	2.32	19.6	8.3	0.65	978	0.49	1.94	7.9	2.7	550
M355352		2.93	16.75	0.09	1.1	0.043	2.25	20.8	10.1	0.68	592	0.63	2.34	8.6	2.9	590
M355353		2.91	16.35	0.10	1.1	0.039	2.18	20.9	10.1	0.68	597	0.71	2.29	8.5	3.1	590
M355354		2.83	15.90	0.10	1.1	0.046	2.04	20.2	11.9	0.65	603	0.76	2.10	8.3	3.1	550
M355355		3.16	14.85	0.10	1.0	0.040	2.29	19.4	12.0	0.91	1180	0.85	1.33	7.8	3.0	520
M355356		2.88	16.55	0.10	1.1	0.032	2.56	21.0	14.8	0.73	598	0.89	2.27	8.6	3.0	570
M355357		2.98	15.55	0.12	1.1	0.033	2.50	22.5	13.5	0.76	620	1.08	2.22	9.0	2.8	640
M355358		2.98	16.85	0.12	1.0	0.038	2.67	22.7	16.2	0.81	603	0.78	2.35	8.8	3.2	590
M355359		2.90	16.20	0.11	1.3	0.039	2.57	22.5	15.8	0.78	583	0.71	2.27	8.4	3.1	570
M355360		2.87	16.65	0.12	1.2	0.035	2.41	22.8	15.9	0.69	685	0.94	1.87	9.0	3.2	580
M355361		2.92	16.60	0.12	1.0	0.029	2.52	21.2	15.9	0.75	614	0.76	2.12	8.4	3.1	570
M355362		2.95	16.85	0.11	1.1	0.031	2.58	21.5	16.1	0.77	615	0.89	2.22	8.6	3.0	590
M355363		2.91	15.85	0.12	1.0	0.029	2.57	22.5	15.2	0.74	549	0.77	2.20	8.2	3.1	550
M355364		5.02	15.10	0.13	1.3	0.972	2.71	24.5	24.4	0.66	1850	12.70	0.25	7.7	16.2	470
M355365		2.88	16.15	0.10	1.1	0.035	2.46	21.9	14.7	0.71	597	0.72	2.13	8.5	2.9	560
M355366		3.07	15.95	0.11	1.2	0.041	2.46	20.6	14.3	0.69	603	0.80	2.02	8.9	3.0	590
M355367		3.05	16.05	0.11	1.1	0.042	2.47	18.6	15.5	0.66	501	0.99	1.97	8.1	3.0	560
M355368		2.58	15.45	0.11	1.1	0.044	2.75	26.2	20.1	0.62	481	1.18	0.45	8.7	2.7	550
M355369																
M355370		3.01	16.25	0.11	1.1	0.038	2.49	20.8	15.4	0.47	483	0.99	1.26	8.2	2.8	570
M355371		2.88	14.85	0.11	1.0	0.075	2.28	27.9	13.6	0.72	1060	0.87	0.12	7.3	2.5	510
M355372		3.06	15.80	0.11	1.0	0.064	2.47	21.2	10.0	0.63	859	1.31	1.55	8.0	2.5	550
M355373		3.04	15.85	0.11	1.2	0.047	2.52	21.4	9.0	0.65	840	1.16	2.01	8.2	2.9	550
M355374		2.83	16.15	0.10	1.1	0.038	2.47	18.9	10.0	0.64	568	1.46	2.12	8.2	2.8	550
M355375		6.58	14.05	0.15	0.9	1.780	2.58	27.2	22.9	0.88	1820	13.00	0.04	6.1	15.9	440
M355376		2.98	16.25	0.11	1.1	0.045	2.55	22.1	10.5	0.73	603	1.17	2.21	8.4	2.9	560
M355377		2.92	15.80	0.12	1.1	0.078	2.70	23.3	9.0	0.77	819	1.27	2.01	7.9	3.3	560
M355378		3.16	15.85	0.13	1.2	0.072	2.57	20.8	11.7	0.79	876	1.42	1.62	8.3	5.0	560
M355379		2.84	16.60	0.12	1.3	0.039	2.61	22.2	9.9	0.78	627	1.59	2.21	8.8	2.7	570
M355380		3.48	14.80	0.14	1.3	0.287	2.65	19.2	11.9	0.72	1730	1.28	0.92	8.0	2.6	520
M355381		0.45	0.22	0.05	<0.1	0.007	0.02	0.6	1.0	12.40	207	0.50	0.01	0.2	1.4	170
M355382		3.24	16.05	0.15	1.1	0.107	2.63	27.3	11.5	0.75	1580	0.95	1.81	8.2	2.6	570





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Account: ROCKHA

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**CERTIFICATE OF ANALYSIS WH12188884**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355346		13.3	68.1	<0.002	0.04	2.77	9.9	1	2.3	398	0.65	<0.05	10.9	0.242	0.99	3.2
M355347		17.2	79.0	<0.002	0.09	2.65	9.9	1	2.2	356	0.73	<0.05	11.5	0.245	1.01	3.7
M355348		22.3	91.6	<0.002	0.04	3.93	10.0	1	1.9	288	0.72	<0.05	12.1	0.244	1.11	3.9
M355349		681	180.5	<0.002	3.26	11.25	9.3	1	3.6	64.0	0.57	0.12	12.4	0.211	2.72	6.5
M355350		2.5	1.6	<0.002	0.03	0.09	0.2	1	<0.2	49.5	<0.05	<0.05	0.2	<0.005	<0.02	1.0
M355351		19.3	88.9	<0.002	0.08	2.76	8.5	1	1.6	335	0.70	<0.05	11.4	0.235	1.29	4.8
M355352		18.6	77.5	<0.002	0.02	2.16	9.5	1	1.8	397	0.73	<0.05	11.2	0.263	0.92	4.1
M355353		16.7	76.6	<0.002	0.02	2.11	9.5	1	1.7	388	0.73	<0.05	11.4	0.252	0.93	3.8
M355354		15.7	79.2	<0.002	0.05	2.64	9.2	1	1.9	353	0.74	<0.05	11.0	0.240	0.89	4.6
M355355		32.7	78.5	<0.002	0.29	3.51	8.3	1	1.5	314	0.71	<0.05	10.2	0.221	1.05	4.8
M355356		17.5	90.1	<0.002	0.01	1.67	9.5	1	1.5	389	0.78	<0.05	12.5	0.249	0.84	5.5
M355357		17.4	90.7	<0.002	0.01	1.65	9.0	1	1.5	358	0.88	<0.05	12.2	0.257	0.87	4.6
M355358		19.7	91.3	<0.002	0.01	1.16	10.1	1	1.5	401	0.83	<0.05	12.5	0.254	0.85	4.4
M355359		18.9	91.2	<0.002	0.01	1.11	9.7	1	1.4	388	0.83	<0.05	12.3	0.243	0.84	3.9
M355360		19.6	93.9	<0.002	0.02	2.79	9.8	1	1.6	344	0.90	<0.05	12.7	0.248	0.91	4.8
M355361		18.3	88.0	<0.002	<0.01	1.65	9.4	1	1.5	394	0.66	<0.05	11.0	0.250	0.87	3.4
M355362		18.2	92.1	<0.002	0.01	1.47	10.0	1	1.5	385	0.69	<0.05	12.3	0.256	0.92	3.8
M355363		18.9	90.4	<0.002	0.01	1.80	9.4	1	1.5	390	0.67	<0.05	12.7	0.246	0.86	3.8
M355364		1270	155.0	<0.002	2.92	32.5	8.4	1	5.8	148.5	0.64	0.29	12.0	0.197	2.30	5.2
M355365		18.6	88.2	<0.002	0.01	1.70	9.4	1	1.6	364	0.74	<0.05	12.2	0.245	0.89	4.1
M355366		16.6	91.5	<0.002	0.01	2.51	10.1	1	1.8	352	0.77	<0.05	12.9	0.253	0.89	5.0
M355367		17.1	89.8	<0.002	0.01	4.12	9.3	1	1.6	368	0.69	<0.05	12.1	0.244	0.87	4.0
M355368		59.5	118.0	<0.002	0.08	6.26	9.1	1	1.8	136.0	0.87	<0.05	14.8	0.243	1.20	4.3
M355369																
M355370		16.7	90.4	<0.002	0.05	3.50	9.3	1	2.0	283	0.67	<0.05	12.0	0.247	1.19	2.2
M355371		14.3	103.5	<0.002	0.22	5.46	8.7	1	9.4	126.5	0.62	0.06	13.1	0.214	2.24	2.9
M355372		17.4	97.0	<0.002	0.17	3.77	8.9	1	2.5	272	0.68	<0.05	12.0	0.233	1.37	4.5
M355373		32.6	93.2	<0.002	0.13	3.27	9.1	1	1.7	353	0.74	<0.05	13.2	0.234	1.01	4.4
M355374		16.4	88.8	<0.002	0.01	2.41	8.9	1	1.8	360	0.69	<0.05	10.8	0.239	0.97	4.4
M355375		2690	158.0	<0.002	4.70	85.8	7.8	2	7.8	92.3	0.50	0.35	11.6	0.176	2.18	5.4
M355376		25.2	93.7	<0.002	0.02	2.01	9.4	1	1.7	374	0.75	<0.05	14.3	0.246	0.96	4.9
M355377		30.3	119.0	<0.002	0.04	2.05	10.1	1	2.0	354	0.71	<0.05	14.2	0.247	1.20	4.4
M355378		72.6	104.5	<0.002	0.09	2.81	9.9	1	2.3	304	0.79	<0.05	12.6	0.247	1.27	5.1
M355379		18.1	112.5	<0.002	0.04	1.33	10.5	1	1.8	369	0.93	<0.05	13.9	0.253	1.06	5.0
M355380		187.5	127.0	<0.002	0.59	6.15	9.6	1	2.3	207	0.90	<0.05	13.5	0.227	1.61	5.8
M355381		1.7	1.0	<0.002	<0.01	<0.05	0.2	2	<0.2	44.3	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
M355382		58.4	122.0	<0.002	0.11	2.90	10.5	2	1.9	325	0.88	<0.05	15.5	0.249	1.25	5.6



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**CERTIFICATE OF ANALYSIS WH12188884**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355346		67	2.0	14.3	41	22.6	<1
M355347		69	1.5	15.3	49	23.4	<1
M355348		69	2.0	15.0	49	24.8	<1
M355349		60	3.7	13.8	1400	20.0	3
M355350		3	0.1	0.9	16	<0.5	<1
M355351		65	1.1	14.5	46	24.5	<1
M355352		73	1.1	15.0	41	24.7	<1
M355353		70	1.0	15.3	39	23.7	<1
M355354		68	3.4	15.1	42	24.3	<1
M355355		64	1.2	14.8	70	22.1	<1
M355356		70	1.9	16.3	45	24.2	<1
M355357		70	1.5	16.4	48	24.1	<1
M355358		72	0.9	17.0	48	23.2	<1
M355359		68	0.9	16.5	46	27.5	<1
M355360		69	3.1	17.0	47	25.4	<1
M355361		69	2.3	14.7	45	22.7	<1
M355362		71	2.2	16.1	46	25.1	<1
M355363		67	1.9	15.5	46	24.1	<1
M355364		56	5.3	12.0	2850	39.2	9
M355365		70	1.0	16.5	42	24.5	<1
M355366		73	1.6	16.8	43	26.8	<1
M355367		68	2.2	13.6	43	24.5	<1
M355368		65	4.0	14.5	166	25.3	<1
M355369							
M355370		69	2.1	13.8	44	24.6	1
M355371		59	2.9	15.0	52	22.1	<1
M355372		67	1.9	13.9	51	24.3	<1
M355373		67	1.5	15.9	104	26.4	<1
M355374		66	1.6	14.5	42	26.2	<1
M355375		57	5.2	10.5	5330	26.1	25
M355376		69	1.8	16.1	48	25.4	<1
M355377		67	2.1	17.0	83	24.5	<1
M355378		68	2.8	16.7	145	26.3	<1
M355379		70	1.8	17.9	45	26.8	<1
M355380		63	2.7	15.3	812	25.3	2
M355381		2	0.1	0.8	14	0.7	<1
M355382		69	1.9	17.9	156	23.8	<1



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**CERTIFICATE OF ANALYSIS WH12188884**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12188885**

Project: Klaza - 103

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
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Account: ROCKHA

Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188885**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355383		6.59	<0.005	0.12	7.11	3.6	2200	1.54	0.40	2.63	0.12	49.6	7.5	11	5.72	7.1
M355384		7.43	<0.005	0.10	7.05	4.5	2170	1.33	0.18	2.56	0.09	54.1	7.6	15	4.71	9.9
M355385		6.19	<0.005	0.07	6.86	2.3	2190	1.38	0.18	2.55	0.12	48.6	6.8	12	7.18	6.0
M355386		0.17	2.34	24.6	5.49	3220	1090	1.17	20.4	2.10	75.4	44.7	9.8	17	13.25	418
M355387		2.57	0.007	0.29	7.23	18.8	1960	1.48	0.26	2.32	1.76	54.6	6.0	10	8.91	6.4
M355388		2.94	<0.005	0.10	6.83	4.3	2110	1.42	0.11	2.59	0.15	42.6	6.8	10	7.18	7.7
M355389		2.40	0.006	0.71	7.06	19.9	2000	1.54	0.24	2.62	8.87	50.0	6.7	9	10.45	11.1
M355390		3.88	<0.005	0.03	0.06	<5	40	0.08	<0.01	20.0	0.08	1.51	0.5	<1	0.21	2.1
M355391		4.93	<0.005	0.10	7.28	3.6	2130	1.46	0.09	2.59	0.11	55.0	7.1	11	6.55	7.6
M355392		2.92	<0.005	0.10	7.66	3.2	2250	1.46	0.10	2.68	0.12	55.6	6.8	11	3.34	6.3
M355393		1.57	<0.005	0.08	7.45	3.1	2150	1.57	0.10	2.66	0.10	58.9	7.3	12	3.54	6.4
M355394		5.48	<0.005	0.07	7.11	2.1	2050	1.29	0.12	2.51	0.11	55.5	6.6	10	3.29	6.7
M355395		2.65	<0.005	0.26	7.22	5.4	2180	1.37	0.37	2.50	0.18	53.5	7.0	9	5.99	12.9
M355396		3.96	<0.005	0.12	7.08	6.0	2170	1.44	0.16	2.50	0.09	51.7	8.4	11	4.63	13.4
M355397		2.30	0.006	1.06	7.06	15.5	1940	1.42	0.43	2.70	4.76	49.2	7.2	11	7.32	12.6
M355398		2.43	<0.005	0.09	7.26	2.3	2150	1.59	0.10	2.63	0.10	53.9	7.7	10	4.11	5.8
M355399		<0.02	<0.005	0.07	7.08	3.2	2150	1.61	0.10	2.59	0.11	47.3	8.0	11	3.98	5.6
M355400		2.70	0.007	0.64	7.26	11.8	2070	1.38	0.49	2.65	5.89	54.3	6.4	9	9.71	14.3
M355401		5.48	<0.005	0.28	7.34	13.8	2270	1.57	0.32	2.68	0.43	49.0	7.2	13	5.36	12.1
M355402		0.18	2.50	25.1	5.85	3370	720	1.23	20.6	2.21	78.0	49.3	9.9	18	13.60	435
M355403		2.34	0.005	0.88	7.28	15.1	2130	1.40	1.27	2.64	1.99	56.9	7.8	11	4.79	24.3
M355404		6.12	<0.005	0.22	7.50	6.2	2260	1.54	0.14	2.54	0.59	58.4	6.8	12	4.60	10.6
M355405		4.24	0.119	8.03	7.19	446	670	1.31	2.16	0.79	53.3	56.3	7.8	10	11.35	77.1
M355406		3.56	<0.005	0.10	0.06	<5	30	0.06	0.01	21.0	0.26	1.49	0.6	<1	0.14	3.0
M355407		2.63	0.028	7.32	7.51	205	1380	1.40	0.17	1.51	26.5	57.1	5.9	11	10.85	29.1
M355408		2.90	<0.005	1.13	7.29	4.7	1990	1.59	0.12	2.53	3.47	53.4	6.6	9	9.04	11.0
M355409		2.53	0.037	7.18	7.16	96.4	1700	1.47	1.12	2.25	19.75	59.7	8.5	8	17.10	39.1
M355410		3.36	0.015	0.45	7.11	20.4	2120	1.50	0.41	2.36	1.44	53.0	7.1	11	11.90	8.5
M355411		2.81	0.017	1.00	7.02	71.5	2150	1.45	0.68	2.37	2.71	54.2	7.2	9	11.85	24.8
M355412		3.77	<0.005	0.29	7.13	5.1	2240	1.35	0.09	2.78	0.29	53.4	6.8	10	7.58	15.2
M355413		6.22	<0.005	0.12	7.14	4.1	2190	1.45	0.11	2.79	0.16	50.2	7.3	11	7.27	7.1
M355414		3.66	<0.005	0.38	6.38	8.7	3080	1.25	0.10	2.45	1.86	35.4	7.1	9	15.10	10.4
M355415		3.15	<0.005	0.10	7.77	5.4	2340	1.28	0.10	1.71	0.11	49.8	7.4	10	10.45	4.4
M355416		7.25	<0.005	0.07	7.56	2.9	2330	1.45	0.07	2.62	0.09	50.4	6.8	11	6.16	4.8
M355417		5.40	<0.005	0.12	7.34	6.3	2060	1.81	0.15	2.66	0.54	45.3	7.5	12	5.53	9.0
M355418		2.52	<0.005	0.02	7.40	3.5	2010	1.82	0.06	2.53	0.13	46.6	7.7	13	4.15	6.0



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Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188885**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355383		2.96	16.05	0.11	0.9	0.039	2.48	22.7	11.9	0.80	663	0.67	2.22	8.0	3.3	590
M355384		2.92	16.40	0.12	1.0	0.047	2.50	25.3	11.3	0.82	620	0.70	2.23	8.2	3.2	590
M355385		2.84	15.80	0.13	1.0	0.037	2.46	21.9	13.1	0.79	643	0.58	2.18	7.8	3.1	570
M355386		6.16	13.55	0.11	0.9	1.535	2.47	23.4	21.3	0.85	1760	11.90	0.04	5.6	15.6	420
M355387		3.23	15.30	0.11	1.0	0.129	2.67	26.2	12.3	0.74	1270	0.71	1.81	7.5	3.0	580
M355388		2.87	15.55	0.09	1.1	0.033	2.44	17.8	14.7	0.73	657	0.65	2.24	7.8	2.9	590
M355389		3.48	15.40	0.09	0.9	0.219	2.62	22.9	11.8	0.81	1910	0.66	1.60	7.4	3.0	560
M355390		0.47	0.27	0.08	<0.1	0.007	0.03	0.7	1.0	12.20	207	0.11	0.01	0.2	1.2	180
M355391		2.89	15.40	0.13	1.0	0.035	2.48	25.4	14.9	0.82	670	0.60	2.26	7.6	4.5	570
M355392		2.99	15.95	0.09	1.1	0.034	2.62	26.6	14.2	0.83	681	0.72	2.39	7.8	3.2	600
M355393		2.90	17.00	0.13	1.0	0.033	2.50	29.0	15.0	0.80	656	0.64	2.34	8.4	3.2	590
M355394		2.82	15.25	0.11	0.9	0.034	2.36	26.1	14.0	0.78	684	0.71	2.23	7.6	3.1	580
M355395		2.88	15.30	0.12	0.9	0.049	2.57	26.5	12.6	0.79	904	0.69	1.98	7.4	2.9	560
M355396		2.89	16.15	0.13	1.1	0.033	2.50	23.1	13.4	0.80	707	0.55	2.23	7.8	3.0	580
M355397		3.45	15.95	0.14	1.0	0.089	2.82	21.2	14.4	0.83	1370	0.60	1.60	8.5	3.4	650
M355398		2.97	16.75	0.10	1.2	0.038	2.56	23.7	13.5	0.80	645	0.66	2.34	8.7	3.2	600
M355399		2.96	16.90	0.11	1.1	0.039	2.50	21.3	13.3	0.80	644	0.59	2.30	8.6	3.1	620
M355400		3.30	15.60	0.12	1.0	0.200	2.76	27.3	13.4	0.76	1850	0.60	1.64	7.5	2.8	580
M355401		3.11	16.60	0.11	1.1	0.058	2.64	21.7	12.7	0.81	969	0.69	2.17	8.3	3.3	610
M355402		6.55	13.60	0.09	0.9	1.595	2.58	24.0	21.8	0.90	1860	12.20	0.04	5.7	16.0	450
M355403		3.06	16.40	0.11	1.2	0.107	2.67	25.3	11.9	0.83	917	0.79	1.99	8.1	3.1	600
M355404		3.17	16.15	0.09	1.1	0.061	2.66	24.9	12.2	0.83	883	0.79	2.21	8.2	2.9	600
M355405		6.96	15.65	0.10	1.0	1.480	3.20	29.7	16.5	0.72	2710	1.29	0.05	7.5	2.9	560
M355406		0.48	0.21	0.10	<0.1	0.013	0.02	0.7	1.0	12.85	204	0.10	0.01	0.1	1.3	200
M355407		4.54	15.20	0.13	1.1	0.531	2.95	29.2	16.3	0.80	1960	1.06	0.96	7.5	2.7	570
M355408		3.05	16.20	0.11	1.1	0.151	2.60	24.8	14.5	0.76	946	0.81	2.03	8.0	2.7	590
M355409		4.76	14.75	0.12	1.1	0.703	2.98	31.4	15.1	1.02	2270	1.51	0.11	7.7	2.8	590
M355410		3.27	16.15	0.12	1.1	0.345	2.86	23.9	16.7	0.78	1220	0.97	1.25	8.1	3.1	600
M355411		3.45	15.50	0.14	1.1	0.231	2.96	26.3	13.0	0.72	1660	0.71	1.20	7.6	2.8	570
M355412		2.97	15.65	0.12	1.1	0.044	2.59	23.5	11.3	0.77	1040	0.60	2.03	8.0	3.1	610
M355413		3.12	15.75	0.10	1.1	0.043	2.50	22.2	13.7	0.80	751	0.61	2.27	8.5	3.0	630
M355414		3.01	16.10	0.08	1.0	0.071	2.51	15.0	22.1	0.54	947	0.64	0.38	8.2	3.1	630
M355415		2.71	17.80	0.11	1.1	0.047	2.87	22.9	24.5	0.33	447	0.67	0.60	8.3	3.0	640
M355416		3.02	15.55	0.09	1.1	0.035	2.62	23.0	14.0	0.83	615	0.63	2.35	7.9	2.8	640
M355417		3.07	16.25	0.10	1.4	0.039	2.58	24.2	16.4	0.82	658	0.79	2.27	9.0	3.4	590
M355418		2.93	16.35	0.11	1.2	0.037	2.52	25.1	15.3	0.81	583	0.77	2.32	8.6	3.2	580



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Account: ROCKHA

Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188885**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M355383		18.9	109.5	0.003	0.01	0.92	10.8	1	1.6	391	0.64	<0.05	11.6	0.249	3.6
M355384		18.1	111.5	0.002	0.02	0.92	10.6	1	1.6	391	0.66	<0.05	14.3	0.251	4.1
M355385		18.4	107.5	0.003	0.01	0.79	9.9	<1	1.5	374	0.66	<0.05	12.7	0.245	4.0
M355386		2640	172.5	0.004	4.60	84.7	8.2	1	7.5	90.1	0.45	0.34	11.2	0.170	5.3
M355387		90.7	131.0	0.002	0.18	1.76	10.4	1	1.8	318	0.67	<0.05	15.8	0.241	5.6
M355388		20.2	100.0	0.003	0.01	1.02	9.7	1	1.6	376	0.67	<0.05	12.0	0.249	4.0
M355389		162.0	127.5	0.005	0.30	3.04	9.7	1	2.5	304	0.63	<0.05	13.4	0.239	4.8
M355390		2.6	1.8	0.003	0.01	<0.05	0.2	<1	0.2	44.9	<0.05	<0.05	0.2	<0.005	0.6
M355391		19.5	113.5	0.003	0.01	0.75	10.3	2	1.6	390	0.68	<0.05	15.3	0.245	4.4
M355392		18.2	110.5	<0.002	0.01	0.67	10.7	1	1.6	409	0.64	<0.05	14.5	0.259	4.4
M355393		17.3	117.5	0.003	0.01	0.66	11.2	1	1.8	398	0.64	<0.05	14.9	0.252	4.4
M355394		17.7	105.0	0.005	0.01	0.56	10.2	1	1.6	381	0.62	<0.05	13.7	0.241	4.6
M355395		35.7	121.0	0.002	0.16	1.14	10.3	1	1.6	346	0.57	<0.05	14.5	0.238	4.1
M355396		17.8	105.0	0.003	0.12	0.82	10.2	<1	1.8	393	0.62	<0.05	13.2	0.246	4.4
M355397		163.5	122.5	0.002	0.33	2.42	11.4	1	2.1	289	0.70	<0.05	12.5	0.269	4.2
M355398		18.4	106.0	0.002	0.02	0.72	10.8	1	1.6	384	0.76	<0.05	14.6	0.254	6.2
M355399		18.1	107.0	<0.002	0.02	0.68	10.6	1	1.5	379	0.72	<0.05	13.5	0.253	5.1
M355400		97.9	139.5	0.002	0.32	1.70	10.3	1	1.9	303	0.67	<0.05	15.6	0.240	4.9
M355401		34.4	116.5	0.003	0.10	1.37	10.7	1	1.6	377	0.70	<0.05	13.1	0.256	4.3
M355402		2800	179.5	0.002	4.90	87.6	8.1	1	7.6	92.3	0.48	0.40	11.4	0.177	5.4
M355403		51.4	128.5	0.002	0.22	1.41	10.5	1	1.6	339	0.73	<0.05	14.4	0.249	4.7
M355404		31.6	115.5	<0.002	0.04	1.28	10.4	1	1.7	382	0.72	<0.05	14.5	0.258	4.9
M355405		1300	210	0.002	3.79	11.20	10.3	1	5.0	48.2	0.62	0.29	15.3	0.230	5.5
M355406		6.6	1.8	0.003	0.01	0.05	0.2	<1	0.2	52.9	<0.05	<0.05	0.2	<0.005	0.9
M355407		1950	181.5	0.002	1.24	5.58	10.3	1	2.9	184.5	0.68	<0.05	17.2	0.237	5.2
M355408		344	129.0	0.004	0.05	1.66	10.5	1	1.8	352	0.72	<0.05	14.9	0.247	4.4
M355409		1930	186.0	0.004	1.51	8.70	10.5	1	3.3	99.8	0.76	0.40	16.1	0.232	5.2
M355410		55.0	138.0	0.003	0.29	3.81	10.9	1	2.1	253	0.78	<0.05	14.6	0.249	4.9
M355411		144.0	152.5	0.003	0.68	4.25	10.0	1	2.1	250	0.70	<0.05	15.5	0.236	5.1
M355412		30.6	116.5	0.002	0.08	1.25	10.5	2	1.5	379	0.68	<0.05	14.1	0.253	4.0
M355413		20.7	108.5	<0.002	0.03	1.04	10.7	1	1.6	393	0.76	<0.05	13.4	0.273	4.1
M355414		145.5	99.3	0.002	0.12	8.09	9.6	1	1.6	150.5	0.66	<0.05	8.5	0.266	3.9
M355415		19.2	130.0	0.002	0.05	11.05	11.1	1	1.6	179.5	0.70	<0.05	12.9	0.270	4.2
M355416		16.8	111.5	0.003	0.01	1.24	10.4	1	1.5	424	0.67	<0.05	12.6	0.262	3.8
M355417		35.6	96.4	<0.002	0.05	2.32	10.8	1	1.6	380	0.90	<0.05	14.3	0.254	5.1
M355418		18.8	94.6	<0.002	<0.01	1.13	10.8	1	1.6	397	0.83	<0.05	13.7	0.252	4.7



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 Account: ROCKHA

Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188885**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M355383		68	0.9	16.6	49	22.1
M355384		68	0.7	16.4	45	23.1
M355385		65	0.6	15.5	48	21.2
M355386		52	5.1	9.1	5210	24.8
M355387		64	1.1	16.1	177	22.9
M355388		68	0.7	14.9	52	24.0
M355389		64	1.4	14.3	713	20.3
M355390		2	0.5	0.8	17	<0.5
M355391		66	0.7	16.4	52	21.5
M355392		70	0.6	16.6	55	23.4
M355393		67	0.6	17.7	52	25.9
M355394		64	0.6	16.2	57	21.2
M355395		64	1.4	15.8	59	21.0
M355396		66	0.6	15.8	49	25.1
M355397		75	2.0	16.4	624	24.4
M355398		69	0.5	17.5	50	26.6
M355399		68	0.5	16.8	50	26.0
M355400		65	1.6	15.0	518	22.8
M355401		68	1.2	16.1	78	25.0
M355402		56	5.2	9.7	5450	23.5
M355403		67	1.7	16.5	243	25.9
M355404		69	1.7	16.3	98	24.1
M355405		62	5.3	9.6	5070	23.4
M355406		1	0.1	0.8	23	0.5
M355407		59	3.5	12.8	2610	23.5
M355408		67	1.5	15.9	375	25.2
M355409		62	4.0	12.6	2110	23.5
M355410		70	2.9	16.5	186	25.5
M355411		64	2.3	13.7	284	24.1
M355412		69	0.9	16.0	70	24.1
M355413		75	0.8	16.8	61	24.7
M355414		75	5.0	12.9	230	23.4
M355415		72	6.2	13.6	48	25.6
M355416		71	1.3	16.6	45	24.5
M355417		71	1.2	18.5	86	30.8
M355418		69	1.7	18.1	43	28.1





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**CERTIFICATE OF ANALYSIS WH12188885**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12188886**

Project: Klaza - 103

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12188886**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355419		8.62	<0.005	0.10	7.52	3.0	2090	1.67	0.07	2.75	0.12	48.1	7.5	11	4.19	5.4
M355420		8.49	<0.005	0.12	7.13	5.8	1950	1.78	0.12	2.47	0.18	48.7	6.9	12	3.61	5.1
M355421		7.53	<0.005	0.07	7.30	2.6	1990	1.67	0.07	2.53	0.14	47.7	7.0	13	4.19	5.9
M355422		<0.02	<0.005	0.07	7.37	2.7	2030	1.63	0.07	2.54	0.11	48.2	7.2	13	4.26	5.6
M355423		7.05	<0.005	0.09	7.41	3.0	2180	1.54	0.08	2.45	0.16	46.9	7.4	10	5.79	6.6
M355424		7.12	<0.005	0.14	7.24	3.4	2120	1.57	0.10	2.60	0.56	43.7	7.8	11	6.30	5.9
M355425		6.79	<0.005	0.08	7.45	1.8	1990	1.66	0.11	2.72	0.10	53.0	8.2	22	6.04	6.6
M355426		3.75	<0.005	0.10	7.38	1.7	1920	1.59	0.11	2.59	0.11	48.0	7.8	12	7.58	6.1
M355427		2.06	<0.005	0.18	6.77	4.2	1810	1.49	0.14	3.18	0.50	33.5	6.5	9	10.55	6.1
M355428		0.22	4.54	>100	5.13	7000	270	1.09	56.4	1.87	220	30.6	9.0	16	10.60	1265
M355429		4.35	<0.005	0.14	7.25	4.5	2190	1.62	0.17	2.57	0.22	35.9	7.6	12	8.39	7.3
M355430		3.11	<0.005	0.20	7.29	5.9	2010	1.59	0.15	2.61	0.22	41.0	7.7	10	10.45	14.4
M355431		2.16	0.100	6.13	6.11	158.0	1040	1.30	0.54	3.16	71.7	33.9	6.5	7	16.40	101.5
M355432		3.72	<0.005	0.03	0.06	<5	20	<0.05	0.02	19.90	0.16	1.11	1.0	<1	0.14	1.5
M355433		2.13	0.007	1.04	7.10	25.1	1910	1.64	0.25	2.65	4.30	38.5	7.4	9	12.50	24.1
M355434		6.02	<0.005	0.47	7.27	7.0	2080	1.57	0.31	2.68	0.72	39.4	7.4	10	8.13	24.2
M355435		2.73	<0.005	0.59	7.33	11.5	1740	1.53	0.26	2.49	8.63	38.8	6.9	9	14.60	18.8
M355436		5.75	0.019	6.97	7.05	57.4	1920	1.56	0.94	2.36	14.45	40.2	5.8	10	14.90	83.0
M355437		2.79	<0.005	0.06	0.20	5	40	0.08	0.07	19.70	0.11	1.50	1.4	<1	0.82	2.0
M355438		2.64	<0.005	0.36	7.39	11.2	2070	1.60	0.37	2.07	0.44	38.3	7.1	9	11.50	15.6
M355439		4.88	<0.005	0.09	7.41	3.2	2060	1.62	0.13	2.46	0.12	41.4	6.4	10	8.94	5.6
M355440		2.48	<0.005	0.10	7.62	5.0	2460	1.12	0.11	1.16	0.24	45.2	6.5	9	10.10	5.7
M355441		6.42	<0.005	0.12	7.86	7.5	1670	1.34	0.13	0.78	0.21	47.1	7.4	10	12.50	10.3
M355442		2.72	<0.005	0.36	7.19	16.1	1240	1.33	0.31	1.48	0.65	42.8	8.6	8	12.20	15.6
M355443		0.19	4.46	>100	5.27	7110	940	1.16	55.9	1.87	218	33.7	8.5	16	10.75	1250
M355444		2.78	<0.005	0.35	6.84	14.7	1050	1.36	0.17	1.89	0.40	36.0	6.2	7	14.15	13.3
M355445		2.64	0.079	0.69	6.54	43.0	1060	1.50	0.11	3.78	1.65	40.6	7.7	7	18.00	34.6
M355446		2.86	0.106	1.31	5.76	53.3	1270	1.40	0.33	3.94	7.76	40.2	6.4	7	19.90	43.6
M355447		4.17	<0.005	0.33	7.21	11.3	1820	1.58	0.14	2.50	0.27	43.2	6.3	10	16.05	28.5
M355448		3.00	0.256	2.70	7.23	871	1160	1.52	2.36	1.70	10.70	51.6	6.5	8	15.05	45.0
M355449		6.27	<0.005	0.13	6.96	4.3	2170	1.63	0.19	2.52	0.09	43.1	7.0	11	7.43	7.5
M355450		7.33	<0.005	0.08	6.90	5.3	2160	1.49	0.13	2.60	0.11	41.5	7.8	12	5.77	5.7
M355451		6.98	<0.005	0.09	7.07	2.3	2140	1.48	0.14	2.68	0.10	45.8	8.4	12	4.57	5.8
M355452		3.78	<0.005	0.05	7.12	3.6	2230	1.60	0.14	2.79	0.10	42.4	8.2	11	4.53	5.6
M355453		7.11	<0.005	0.06	7.08	4.1	2210	1.51	0.12	2.53	0.09	48.6	7.3	12	3.54	5.0
M355460		2.52	<0.005	0.25	6.96	6.7	1940	1.30	0.31	1.88	0.33	33.9	7.2	9	11.20	22.1



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Account: ROCKHA

Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12188886**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355419		2.94	16.20	0.13	1.2	0.037	2.49	22.9	14.0	0.88	705	0.82	2.34	8.6	2.9	610
M355420		2.76	15.85	0.13	1.3	0.042	2.44	23.6	11.0	0.80	625	0.79	2.18	8.1	2.9	540
M355421		2.81	15.95	0.13	1.2	0.036	2.36	23.5	11.6	0.85	615	0.78	2.23	8.0	3.0	570
M355422		2.90	15.70	0.13	1.2	0.036	2.40	23.3	11.8	0.86	627	0.72	2.27	8.0	3.0	570
M355423		2.89	16.00	0.13	0.9	0.043	2.55	22.3	14.2	0.88	659	0.85	2.21	7.5	2.9	580
M355424		2.89	16.20	0.13	1.2	0.045	2.57	20.3	14.3	0.77	639	0.63	2.20	7.7	3.0	580
M355425		3.02	16.30	0.14	1.2	0.042	2.40	25.7	18.0	1.01	764	0.64	2.32	8.4	6.4	640
M355426		2.98	16.40	0.14	1.1	0.040	2.41	22.7	20.6	0.89	655	0.68	2.29	8.0	2.9	610
M355427		2.65	15.20	0.13	1.0	0.034	2.42	14.8	17.6	0.70	730	0.73	1.48	7.1	2.6	530
M355428		7.66	12.85	0.17	1.1	4.67	2.17	14.4	30.7	0.61	3040	15.85	0.08	5.5	13.6	440
M355429		2.93	15.90	0.13	1.1	0.037	2.61	16.0	17.3	0.73	622	0.63	2.16	7.5	3.0	560
M355430		2.91	16.40	0.13	1.2	0.046	2.62	18.7	16.8	0.73	914	0.70	1.49	8.3	2.8	610
M355431		5.40	13.45	0.15	0.9	0.292	2.46	16.6	22.9	1.19	3010	0.71	0.19	6.3	2.5	480
M355432		0.43	0.23	0.05	<0.1	<0.005	0.02	0.5	1.0	12.50	193	0.13	0.01	0.2	1.7	180
M355433		3.11	15.70	0.15	1.0	0.127	3.00	17.4	19.3	0.69	1240	0.69	1.21	7.4	2.8	570
M355434		2.86	15.65	0.13	1.1	0.043	2.67	18.0	13.6	0.74	707	0.65	1.97	7.5	3.0	570
M355435		3.57	15.55	0.14	1.1	0.249	2.71	18.2	30.7	0.80	1320	0.70	1.01	7.6	2.9	570
M355436		3.94	15.20	0.14	1.0	0.161	2.69	19.5	25.5	0.85	1760	0.74	0.84	7.2	2.6	540
M355437		0.50	0.55	0.05	<0.1	0.006	0.05	0.7	1.5	12.00	218	0.10	0.03	0.4	2.5	170
M355438		3.14	15.55	0.14	1.2	0.094	2.86	17.2	18.0	0.60	772	0.75	1.56	7.7	2.7	580
M355439		2.99	15.75	0.13	1.2	0.041	2.55	19.1	14.9	0.76	611	0.68	2.13	7.6	2.7	580
M355440		2.63	16.25	0.12	1.2	0.043	2.68	21.2	23.5	0.43	561	0.68	0.17	8.5	2.5	630
M355441		2.82	17.45	0.14	1.3	0.039	2.33	22.8	35.8	0.38	742	1.04	0.08	8.6	2.4	620
M355442		3.08	16.00	0.13	1.3	0.037	2.40	19.6	33.1	0.57	1040	0.66	0.07	8.6	3.9	590
M355443		7.55	12.50	0.18	1.1	4.58	2.15	16.7	31.0	0.61	3050	15.30	0.08	5.2	13.3	430
M355444		2.83	16.00	0.11	1.3	0.042	2.32	16.2	32.4	0.61	1000	0.69	0.06	8.2	2.7	560
M355445		2.81	14.20	0.12	0.8	0.058	2.47	20.3	35.4	0.88	1500	0.70	0.07	6.7	3.7	510
M355446		3.33	12.55	0.13	0.9	0.086	2.25	20.7	22.2	1.16	1900	0.82	0.04	5.9	2.6	440
M355447		2.74	16.40	0.13	1.1	0.049	2.65	19.7	44.0	0.70	687	0.85	1.30	7.8	2.6	590
M355448		3.40	16.05	0.15	1.0	0.154	3.03	27.3	31.7	0.69	1180	0.79	0.08	7.2	2.4	530
M355449		2.79	16.15	0.13	1.0	0.038	2.42	20.5	13.3	0.79	621	0.95	2.17	8.1	3.5	580
M355450		2.95	16.30	0.13	1.0	0.037	2.46	18.5	16.3	0.87	629	0.84	2.29	8.3	3.4	590
M355451		3.08	16.70	0.13	1.0	0.036	2.30	20.8	15.7	0.94	714	0.63	2.33	8.5	3.3	630
M355452		3.14	16.20	0.12	1.1	0.037	2.37	18.3	16.0	0.96	731	0.57	2.34	7.9	3.2	600
M355453		2.83	15.70	0.14	1.0	0.040	2.40	23.1	12.7	0.84	590	0.57	2.23	7.8	3.2	580
M355460		3.42	15.65	0.12	1.0	0.078	2.78	14.9	18.7	0.67	1130	0.53	0.43	7.7	2.9	600



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**CERTIFICATE OF ANALYSIS WH12188886**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M355419		17.4	106.5	<0.002	0.01	1.00	10.9	1	1.6	393	0.83	<0.05	13.7	0.263	5.1
M355420		20.9	107.5	<0.002	0.04	1.10	10.3	1	1.5	367	0.86	<0.05	14.1	0.240	6.2
M355421		16.3	98.7	<0.002	0.01	0.91	10.2	1	1.5	391	0.74	<0.05	13.0	0.251	4.7
M355422		16.5	99.0	<0.002	0.01	0.94	10.5	1	1.6	397	0.77	<0.05	13.1	0.254	4.4
M355423		17.7	103.0	<0.002	0.01	0.90	10.5	1	1.5	383	0.64	<0.05	13.1	0.251	4.2
M355424		37.1	101.5	<0.002	0.03	0.99	10.4	1	1.5	377	0.66	<0.05	11.6	0.252	3.7
M355425		14.6	105.0	<0.002	0.01	0.61	11.9	1	1.6	398	0.70	<0.05	13.4	0.270	4.2
M355426		18.1	103.0	<0.002	<0.01	0.66	11.3	1	1.6	395	0.69	<0.05	14.6	0.264	4.5
M355427		56.9	88.6	<0.002	0.05	3.51	8.8	1	1.5	295	0.59	<0.05	10.3	0.235	3.6
M355428		9320	129.0	<0.002	6.97	215	7.1	2	8.6	115.0	0.43	0.50	7.7	0.178	4.7
M355429		18.9	108.5	<0.002	0.01	1.43	11.0	1	1.6	388	0.61	<0.05	10.3	0.251	3.5
M355430		26.4	114.0	<0.002	0.08	3.70	11.3	2	1.7	287	0.69	<0.05	12.6	0.258	4.2
M355431		1120	142.5	<0.002	2.23	13.30	9.5	2	3.9	106.5	0.54	<0.05	10.1	0.204	3.7
M355432		3.0	1.2	<0.002	<0.01	0.06	0.2	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.6
M355433		259	136.5	<0.002	0.23	3.87	10.1	1	1.6	259	0.58	<0.05	10.8	0.245	3.5
M355434		59.2	110.5	<0.002	0.15	1.60	10.5	1	1.5	356	0.60	0.05	11.3	0.251	3.7
M355435		57.6	121.0	<0.002	0.16	4.19	10.8	1	2.0	242	0.65	<0.05	11.9	0.258	3.9
M355436		2940	137.0	<0.002	0.48	15.80	10.4	1	2.6	202	0.56	<0.05	11.6	0.238	3.7
M355437		6.3	3.8	<0.002	<0.01	0.08	0.4	1	<0.2	48.7	<0.05	<0.05	0.2	0.012	0.7
M355438		39.3	123.5	<0.002	0.30	5.26	10.7	1	1.9	282	0.65	0.18	11.6	0.256	3.3
M355439		16.0	107.5	<0.002	0.03	2.23	10.4	1	1.5	367	0.66	<0.05	13.0	0.251	4.1
M355440		16.9	112.0	<0.002	0.07	13.55	10.7	1	1.6	105.5	0.75	<0.05	14.1	0.269	2.3
M355441		14.8	109.0	<0.002	0.11	16.60	11.6	1	1.6	69.5	0.76	<0.05	15.0	0.272	2.6
M355442		31.0	94.8	<0.002	0.25	13.15	11.0	1	1.7	80.1	0.81	<0.05	12.9	0.255	2.7
M355443		9240	131.5	<0.002	6.95	212	7.1	3	8.6	115.5	0.43	0.51	8.3	0.176	4.8
M355444		35.0	86.4	<0.002	0.16	12.85	10.0	1	1.8	73.1	0.86	<0.05	11.1	0.244	3.2
M355445		57.6	119.0	<0.002	0.31	9.74	9.6	1	7.3	107.5	0.54	<0.05	10.9	0.222	3.6
M355446		257	123.0	<0.002	0.46	17.25	9.0	1	7.8	123.5	0.51	<0.05	10.5	0.193	7.2
M355447		18.6	105.0	<0.002	0.06	10.40	10.6	1	2.4	282	0.65	<0.05	11.7	0.253	3.7
M355448		561	174.5	<0.002	1.33	14.65	10.3	1	5.7	104.0	0.63	0.10	13.7	0.230	4.3
M355449		17.3	97.6	<0.002	0.01	1.40	10.3	1	1.9	391	0.76	<0.05	13.7	0.249	4.7
M355450		17.5	85.9	<0.002	0.01	1.37	10.3	1	1.8	393	0.72	0.05	11.4	0.253	3.7
M355451		15.8	82.7	<0.002	<0.01	0.96	11.7	1	1.7	385	0.73	<0.05	12.1	0.265	4.4
M355452		15.9	76.7	<0.002	<0.01	0.91	11.2	1	1.6	395	0.66	0.06	11.2	0.263	6.5
M355453		15.9	91.7	<0.002	0.01	0.98	10.2	1	1.4	384	0.65	<0.05	13.5	0.248	4.3
M355460		23.7	97.6	<0.002	0.10	7.47	10.1	1	1.7	123.0	0.61	<0.05	11.7	0.247	2.8



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**CERTIFICATE OF ANALYSIS WH12188886**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M355419		73	1.6	18.9	47	26.0		
M355420		65	1.5	17.8	48	26.5		
M355421		69	1.2	16.9	42	27.9		
M355422		69	1.6	17.1	41	25.5		
M355423		70	1.8	16.8	44	21.3		
M355424		69	1.5	16.3	79	26.7		
M355425		76	1.1	18.7	49	27.5		
M355426		73	0.9	17.8	45	26.2		
M355427		63	1.9	14.1	80	24.2		
M355428		51	4.6	8.9	>10000	32.5	116	1.585
M355429		69	1.9	16.4	61	24.9		
M355430		71	3.1	17.2	57	28.7		
M355431		58	4.0	13.7	5720	20.9		
M355432		2	0.1	0.8	24	<0.5		
M355433		67	2.6	14.6	440	23.4		
M355434		67	1.6	15.1	98	27.3		
M355435		72	2.1	15.1	671	25.3		
M355436		66	4.5	14.2	1160	24.2		
M355437		3	0.1	1.1	20	1.4		
M355438		68	2.5	14.7	70	26.8		
M355439		68	2.2	16.7	41	28.1		
M355440		72	8.6	16.1	51	28.3		
M355441		71	15.5	16.5	53	28.7		
M355442		70	13.1	16.6	87	29.6		
M355443		51	4.5	9.1	>10000	30.0	116	1.570
M355444		70	9.3	14.8	76	27.1		
M355445		63	4.3	14.9	184	20.5		
M355446		56	4.0	13.3	669	19.5		
M355447		70	1.2	15.5	52	24.9		
M355448		63	3.9	13.1	785	23.4		
M355449		69	1.1	16.5	40	24.8		
M355450		72	0.8	15.6	41	24.8		
M355451		80	1.1	17.3	42	26.5		
M355452		79	1.2	16.4	43	24.1		
M355453		69	0.7	16.2	37	24.5		
M355460		72	3.9	15.7	73	26.2		



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**CERTIFICATE OF ANALYSIS WH12188886**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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P.O. No.: Batch 7

This report is for 6 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager





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**CERTIFICATE OF ANALYSIS WH12188887**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M355454		7.87	<0.005	0.02	7.23	3.5	2070	1.77	0.11	2.65	0.12	44.0	7.6	14	5.41	5.5
M355455		6.87	<0.005	0.02	7.49	2.2	2130	1.73	0.09	2.65	0.09	45.7	8.1	13	3.92	5.9
M355456		<0.02	<0.005	0.01	7.37	2.1	2150	1.72	0.08	2.68	0.09	44.8	7.9	14	3.81	5.6
M355457		2.69	0.013	0.48	7.13	25.3	1960	1.68	0.47	2.48	1.01	43.0	7.8	12	13.55	12.1
M355458		2.48	<0.005	0.01	0.07	<5	20	0.07	<0.01	20.3	0.07	2.01	1.0	1	0.31	2.0
M355459		5.85	<0.005	0.03	7.01	3.4	2100	1.58	0.11	2.57	0.11	45.6	7.0	12	6.44	4.9



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**CERTIFICATE OF ANALYSIS WH12188887**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355454		3.03	16.20	0.11	1.2	0.040	2.53	23.7	14.8	0.80	621	0.80	2.19	8.5	3.2	590
M355455		3.04	16.25	0.11	1.2	0.036	2.56	24.9	14.4	0.84	609	0.58	2.33	8.5	3.3	600
M355456		3.07	16.35	0.12	1.2	0.041	2.54	24.4	14.2	0.83	609	0.73	2.31	8.4	3.3	600
M355457		3.47	15.25	0.11	1.1	0.102	2.97	22.9	11.6	0.72	1080	0.56	1.32	7.9	3.1	580
M355458		0.47	0.23	0.05	<0.1	0.005	0.03	0.9	1.1	12.10	209	0.11	0.01	0.2	2.0	200
M355459		2.93	15.50	0.09	1.1	0.042	2.54	24.0	11.9	0.76	569	0.60	2.22	8.1	2.8	570



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**CERTIFICATE OF ANALYSIS WH12188887**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355454		18.3	93.9	<0.002	0.01	1.54	10.9	1	1.6	377	0.79	<0.05	12.4	0.252	0.96	4.4
M355455		16.2	94.4	<0.002	0.01	0.79	11.3	1	1.5	399	0.82	<0.05	13.5	0.258	0.89	4.8
M355456		16.0	88.3	<0.002	0.01	0.83	11.1	1	1.5	393	0.80	<0.05	12.9	0.253	0.85	4.4
M355457		55.4	122.0	<0.002	0.45	3.52	10.4	1	2.3	277	0.72	0.12	12.0	0.241	1.51	4.1
M355458		1.5	1.8	<0.002	0.02	0.05	0.4	1	<0.2	48.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M355459		16.3	89.6	<0.002	0.01	1.24	9.5	1	1.5	379	0.79	<0.05	11.7	0.242	0.87	4.3



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**CERTIFICATE OF ANALYSIS WH12188887**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355454		70	0.9	17.1	41	27.5	<1
M355455		72	0.6	18.2	39	26.4	<1
M355456		73	0.7	17.8	39	27.9	<1
M355457		68	2.5	15.3	121	27.1	<1
M355458		3	0.1	1.4	15	<0.5	<1
M355459		67	0.8	16.7	39	26.2	<1



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**CERTIFICATE OF ANALYSIS WH12188887**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 31-AUG-2012  
Account: ROCKHA

Project: Klaza - 105

**CERTIFICATE OF ANALYSIS WH12188888**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814403		3.46	<0.005	0.12	7.32	6.5	2360	1.55	0.13	2.48	1.70	53.1	7.9	10	6.97	3.0
N814404		3.35	0.213	12.40	7.14	704	2250	1.71	0.72	0.30	44.2	54.2	22.5	9	23.5	40.7
N814405		4.87	0.248	10.30	7.52	505	2210	1.31	1.02	0.65	11.95	51.4	6.9	8	17.30	31.7
N814406		2.51	<0.005	0.04	0.07	<5	30	0.07	0.04	20.4	0.17	1.12	0.6	<1	0.19	1.9
N814407		6.35	0.011	0.60	7.34	18.3	2190	1.50	0.19	2.18	1.76	50.0	7.9	11	8.73	7.6
N814408		2.53	0.005	1.29	6.02	67.5	1740	1.31	0.12	3.42	2.24	33.1	8.3	7	24.6	13.0
N814409		3.74	0.012	2.89	6.46	78.8	1940	1.37	0.24	2.05	4.73	35.4	9.1	8	24.5	56.3
N814410		3.63	0.102	10.05	7.41	1255	1610	1.60	2.96	0.84	20.4	55.8	8.1	8	22.5	50.4
N814411		5.85	0.005	0.67	7.44	260	1630	1.51	0.73	1.70	10.20	53.2	11.9	9	8.20	21.1
N814412		4.74	0.005	0.37	7.61	722	2280	1.35	0.38	1.05	20.8	49.8	8.0	9	10.95	19.7
N814413		3.52	0.551	11.75	7.17	1765	1780	1.45	4.10	0.77	26.4	46.6	5.6	9	8.61	79.5
N814414		4.45	0.305	9.41	6.99	2720	1170	1.54	4.16	0.27	84.2	54.3	13.3	10	21.7	100.5
N814415		0.23	0.786	10.30	6.40	1755	1500	1.40	6.43	1.85	41.4	45.3	16.6	19	15.70	106.0
N814416		5.18	<0.005	0.32	7.00	54.0	2050	1.43	0.27	2.98	0.67	44.2	8.6	14	6.42	5.5
N814417		2.07	0.008	0.31	7.15	23.7	2040	1.54	0.73	2.99	0.24	45.9	8.3	10	8.00	7.5
N814418		10.72	<0.005	0.11	7.32	8.4	2120	1.52	0.10	2.75	0.36	47.4	8.2	12	6.10	4.0
N814419		8.14	0.005	0.08	7.37	5.6	2180	1.45	0.09	2.63	0.10	53.5	8.2	11	7.65	3.7
N814420		2.85	<0.005	0.06	7.60	6.5	1900	1.37	0.12	1.82	0.09	44.8	7.6	10	11.30	3.1
N814421		1.42	<0.005	0.07	7.45	7.3	1850	1.40	0.13	1.84	0.11	45.7	7.6	10	11.30	3.0
N814422		3.90	<0.005	0.08	6.45	16.1	2370	1.31	0.10	4.01	0.14	40.8	7.6	7	21.0	4.5
N814423		6.55	<0.005	0.07	6.94	5.9	2270	1.40	0.11	2.76	0.09	42.0	7.2	11	7.19	4.3
N814424		3.81	0.008	0.31	7.03	30.2	2450	1.38	1.23	3.34	0.12	44.4	14.1	10	9.02	49.0
N814425		0.24	0.796	10.05	6.39	1740	1430	1.32	6.30	1.86	40.7	43.3	16.6	18	15.60	105.0
N814426		4.05	<0.005	0.27	6.71	6.3	2110	1.55	0.13	2.61	0.12	40.4	8.3	12	8.79	12.5
N814427		2.94	<0.005	0.12	6.78	9.0	2100	1.35	0.13	2.85	0.10	43.4	7.9	12	11.90	7.5
N814428		2.85	0.005	0.45	6.50	53.8	2070	1.38	0.51	3.62	0.23	43.2	15.0	9	16.95	46.3
N814429		2.93	<0.005	0.02	0.07	<5	20	0.06	0.04	20.3	0.06	1.33	0.7	<1	0.21	1.3
N814430		5.34	<0.005	0.06	6.94	4.6	2080	1.56	0.15	2.72	0.06	49.0	8.2	12	4.28	8.3
N814431		2.84	<0.005	0.22	7.22	14.0	2380	1.40	0.27	2.35	0.24	47.1	8.6	10	6.72	44.4
N814432		5.39	<0.005	0.06	7.05	4.3	2160	1.26	0.07	2.72	0.06	45.1	7.9	11	4.06	7.5
N814433		2.68	0.007	1.02	7.11	14.0	2150	1.38	1.25	2.78	0.11	42.3	11.7	12	9.65	434
N814434		2.75	<0.005	0.10	7.21	7.6	2050	1.25	0.14	2.82	0.08	45.4	8.6	14	8.49	12.5
N814435		<0.02	<0.005	0.08	7.20	6.3	2020	1.27	0.14	2.80	0.06	48.0	8.1	12	8.61	9.9
N814436		5.14	<0.005	0.05	7.21	4.8	2130	1.33	0.09	2.76	0.09	46.2	7.8	12	4.91	7.7
N814437		4.90	<0.005	0.09	7.06	7.4	2080	1.29	0.18	2.81	0.10	44.0	7.8	13	5.20	13.6
N814438		5.18	<0.005	0.08	7.68	8.3	2080	1.22	0.14	2.30	0.09	41.5	9.0	11	9.88	11.7



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Plus Appendix Pages  
Finalized Date: 31-AUG-2012  
Account: ROCKHA

Project: Klaza - 105

**CERTIFICATE OF ANALYSIS WH12188888**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814403		3.10	16.40	0.13	1.2	0.038	2.12	24.4	10.9	0.96	747	0.38	2.34	8.1	3.2	620
N814404		4.61	16.35	0.15	1.0	0.284	2.86	33.0	26.9	0.20	11000	4.10	0.37	7.3	4.8	460
N814405		3.81	16.55	0.14	1.1	0.141	2.89	27.1	30.9	0.30	2340	0.84	0.87	7.9	2.9	600
N814406		0.50	0.16	0.08	<0.1	0.008	0.02	0.5	0.9	12.80	236	0.09	0.01	0.1	1.3	160
N814407		3.09	16.55	0.12	1.1	0.044	2.45	23.2	11.8	0.83	838	0.51	2.18	8.1	3.5	640
N814408		2.94	16.35	0.13	1.0	0.043	2.64	14.3	39.6	0.37	1240	0.60	0.11	8.0	2.9	590
N814409		2.92	16.50	0.12	1.0	0.064	2.65	14.7	52.1	0.24	1520	0.79	0.07	7.9	2.9	580
N814410		4.80	16.55	0.14	1.1	0.310	2.98	29.0	22.4	0.23	1320	24.0	0.15	8.1	2.9	640
N814411		3.47	17.20	0.15	1.2	0.085	1.69	25.8	10.8	0.83	1580	1.45	2.20	8.3	3.2	630
N814412		3.54	16.25	0.11	1.1	0.062	2.06	24.5	14.6	0.46	1110	1.72	1.41	8.0	3.3	670
N814413		4.09	16.00	0.12	1.0	0.864	2.78	24.3	10.0	0.42	604	1.23	0.84	7.4	2.0	460
N814414		5.75	15.75	0.16	0.9	0.250	2.75	28.6	31.0	0.24	1560	5.99	0.15	7.1	3.1	510
N814415		5.03	14.75	0.14	1.2	0.841	2.75	20.6	22.9	0.70	1920	11.45	0.26	7.2	15.6	490
N814416		3.41	16.45	0.11	1.2	0.057	1.67	19.2	11.0	0.96	896	0.69	2.38	8.3	3.1	630
N814417		3.25	16.35	0.13	1.2	0.068	2.07	20.4	9.2	0.83	1180	0.43	1.88	8.1	3.0	600
N814418		3.13	15.90	0.13	1.3	0.036	2.39	22.1	12.7	0.93	663	0.73	2.21	8.2	3.0	620
N814419		3.01	16.50	0.16	1.2	0.034	2.45	26.5	15.7	0.97	630	0.57	2.23	8.2	3.0	620
N814420		2.90	17.15	0.13	1.2	0.042	2.57	20.2	28.3	0.53	537	0.58	0.95	8.7	2.6	640
N814421		2.88	16.95	0.13	1.3	0.041	2.53	21.7	28.4	0.53	565	0.75	0.96	8.5	2.8	650
N814422		2.81	15.00	0.13	1.2	0.035	2.05	19.1	27.1	0.77	791	0.90	0.30	7.5	2.7	560
N814423		2.95	15.25	0.12	1.2	0.036	2.49	18.9	12.7	0.85	568	1.36	2.14	7.6	2.8	610
N814424		3.06	15.55	0.13	1.0	0.090	2.57	20.7	13.2	0.88	729	1.15	1.77	8.2	2.9	610
N814425		5.04	14.45	0.14	1.2	0.832	2.74	22.4	23.1	0.70	1930	12.15	0.26	8.7	15.7	490
N814426		3.01	16.20	0.13	1.1	0.044	2.46	17.9	12.3	0.80	595	1.51	2.20	7.9	3.5	600
N814427		3.03	15.90	0.14	1.1	0.044	2.56	19.8	12.7	0.82	768	0.56	1.88	8.4	3.0	590
N814428		3.23	14.45	0.13	1.1	0.063	2.43	20.2	42.5	1.01	1120	0.67	0.63	7.3	2.9	530
N814429		0.47	0.18	0.07	<0.1	0.005	0.03	0.6	1.0	12.80	209	0.14	0.01	0.1	1.7	170
N814430		3.01	16.40	0.12	1.3	0.039	2.39	22.2	10.4	0.87	650	0.80	2.15	8.5	2.8	580
N814431		3.23	15.75	0.15	1.3	0.081	2.83	22.4	11.3	0.74	793	0.82	1.66	7.9	2.7	580
N814432		2.92	15.65	0.13	1.1	0.037	2.44	20.8	10.9	0.93	643	0.50	2.21	7.6	2.7	600
N814433		3.42	16.65	0.15	1.2	0.160	2.60	19.3	13.5	0.83	786	0.62	1.95	7.9	5.0	610
N814434		3.10	16.45	0.15	1.3	0.047	2.59	22.2	13.6	0.87	708	0.97	2.08	7.5	3.4	580
N814435		3.07	16.65	0.17	1.2	0.042	2.57	22.5	13.5	0.88	714	0.83	2.06	7.7	3.1	580
N814436		2.96	15.90	0.16	1.1	0.033	2.48	21.2	11.8	0.90	670	2.65	2.23	7.1	2.7	570
N814437		3.00	16.70	0.17	1.2	0.035	2.53	19.8	11.5	0.86	638	1.05	2.20	7.6	2.8	600
N814438		3.12	18.10	0.17	1.4	0.041	2.71	19.1	25.5	0.56	706	3.01	0.95	8.2	3.1	660





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Project: Klaza - 105

**CERTIFICATE OF ANALYSIS WH12188888**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N814403		15.6	75.8	0.002	<0.01	1.22	12.0	1	1.4	429	0.71	<0.05	13.7	0.270	2.0
N814404		1550	146.5	<0.002	0.04	24.3	11.9	2	2.3	92.9	0.63	<0.05	14.0	0.244	8.2
N814405		882	136.0	<0.002	0.09	11.00	11.8	1	2.0	157.5	0.66	0.06	14.8	0.265	3.5
N814406		4.6	1.1	<0.002	0.01	0.09	0.2	<1	<0.2	39.2	<0.05	<0.05	0.2	<0.005	0.5
N814407		20.4	88.0	<0.002	0.01	1.63	11.5	1	1.3	372	0.63	<0.05	13.6	0.268	1.6
N814408		19.1	92.3	<0.002	0.08	12.10	9.2	1	1.4	81.7	0.65	0.05	8.8	0.255	2.7
N814409		28.6	104.0	<0.002	0.07	22.3	9.7	<1	1.5	78.6	0.63	<0.05	10.0	0.258	2.6
N814410		1040	164.5	0.002	0.15	22.9	13.2	1	3.1	100.5	0.69	1.02	14.5	0.270	5.8
N814411		25.9	80.6	<0.002	0.07	3.54	12.3	1	1.7	349	0.67	0.08	14.0	0.268	2.6
N814412		73.8	80.9	<0.002	<0.01	10.25	11.4	1	2.0	233	0.69	<0.05	14.1	0.277	3.7
N814413		1160	143.0	<0.002	0.10	51.5	10.9	1	2.6	190.5	0.60	0.20	11.9	0.251	5.7
N814414		1210	147.0	<0.002	0.37	25.4	10.8	1	2.3	46.1	0.61	0.16	14.5	0.249	11.7
N814415		1340	150.5	<0.002	3.03	33.1	8.7	1	5.7	141.5	0.63	0.26	12.0	0.206	5.3
N814416		17.6	53.9	<0.002	0.04	1.64	12.5	1	1.7	419	0.72	<0.05	11.3	0.278	2.5
N814417		23.0	78.7	<0.002	0.24	2.01	10.9	<1	1.7	350	0.69	0.05	13.4	0.265	4.5
N814418		18.8	91.9	<0.002	0.02	0.79	11.7	1	1.4	393	0.71	<0.05	13.2	0.274	3.9
N814419		15.5	93.6	<0.002	0.01	0.61	11.7	<1	1.4	407	0.66	<0.05	13.8	0.272	3.5
N814420		15.6	94.0	<0.002	0.01	8.17	11.0	1	1.4	186.5	0.74	<0.05	13.7	0.276	2.8
N814421		15.7	96.0	<0.002	0.01	9.09	11.0	1	1.5	184.0	0.73	<0.05	13.5	0.277	3.1
N814422		16.1	70.9	<0.002	0.11	11.90	9.9	<1	1.4	155.0	0.69	<0.05	12.2	0.243	4.4
N814423		15.4	86.0	<0.002	0.03	1.10	10.5	<1	1.3	393	0.63	<0.05	12.2	0.261	3.5
N814424		15.2	102.0	<0.002	0.49	2.81	10.8	1	1.4	322	0.62	<0.05	12.7	0.262	5.8
N814425		1340	149.5	<0.002	3.03	32.7	8.6	1	5.7	142.5	0.61	0.32	12.2	0.206	5.3
N814426		16.3	88.0	<0.002	0.03	1.33	10.2	<1	1.6	381	0.64	<0.05	10.6	0.256	3.2
N814427		16.0	97.4	<0.002	0.08	1.62	10.6	1	1.6	338	0.63	<0.05	11.0	0.256	3.5
N814428		21.0	96.3	<0.002	0.41	14.75	10.2	1	3.0	193.5	0.66	0.06	11.1	0.247	5.0
N814429		1.3	1.5	<0.002	<0.01	0.07	0.3	<1	<0.2	37.6	<0.05	<0.05	<0.2	<0.005	0.4
N814430		17.0	84.5	<0.002	0.04	0.83	11.0	1	1.5	369	0.83	<0.05	13.4	0.251	4.3
N814431		18.1	113.0	<0.002	0.11	3.36	10.3	1	1.6	289	0.78	<0.05	14.3	0.257	4.6
N814432		14.9	81.7	<0.002	0.02	0.68	11.0	1	1.6	391	0.67	<0.05	12.6	0.258	4.1
N814433		18.1	92.2	<0.002	0.25	4.51	10.5	1	1.6	328	0.66	<0.05	10.6	0.280	4.1
N814434		14.4	96.9	<0.002	0.07	1.91	10.2	2	1.4	342	0.67	<0.05	12.8	0.270	4.5
N814435		13.8	99.5	<0.002	0.07	1.94	10.3	1	1.5	336	0.70	0.06	12.4	0.271	4.2
N814436		15.4	83.7	0.002	0.02	0.65	9.8	2	1.2	388	0.63	<0.05	12.3	0.264	3.1
N814437		15.3	89.7	<0.002	0.07	0.99	10.0	1	1.5	366	0.64	<0.05	11.3	0.272	3.4
N814438		16.2	91.0	0.002	0.06	10.40	10.9	1	1.6	193.0	0.65	<0.05	11.3	0.311	4.0



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**CERTIFICATE OF ANALYSIS WH12188888**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814403		80	1.0	17.3	222	29.6
N814404		74	3.1	23.8	3370	28.4
N814405		79	3.3	13.1	1200	28.3
N814406		2	0.1	0.8	25	<0.5
N814407		78	0.7	16.3	263	29.0
N814408		77	5.3	12.0	258	28.8
N814409		74	6.2	11.2	468	28.6
N814410		83	6.3	15.7	1720	28.2
N814411		77	1.7	16.3	818	27.9
N814412		83	1.5	16.9	1940	29.0
N814413		72	4.2	12.0	1130	25.3
N814414		73	5.1	16.8	3150	24.5
N814415		57	5.4	11.1	2960	38.8
N814416		87	0.9	16.7	162	30.9
N814417		74	1.7	15.5	64	32.4
N814418		77	1.4	17.0	58	31.2
N814419		76	0.9	17.2	47	30.2
N814420		78	4.6	14.2	46	31.6
N814421		79	4.4	14.7	47	34.1
N814422		71	4.0	15.4	52	29.9
N814423		76	0.8	14.7	43	29.6
N814424		77	2.2	14.8	49	27.7
N814425		58	5.3	10.8	2980	37.1
N814426		74	0.9	14.3	45	29.3
N814427		74	0.9	14.9	45	28.7
N814428		73	2.3	14.8	62	26.6
N814429		2	0.1	0.8	14	<0.5
N814430		73	0.9	17.1	47	34.2
N814431		72	1.9	15.6	59	31.7
N814432		75	0.7	15.8	45	27.1
N814433		78	1.4	14.9	53	27.7
N814434		74	1.0	15.5	47	28.8
N814435		76	1.2	15.5	47	27.3
N814436		73	0.6	14.5	48	25.8
N814437		75	0.9	14.7	48	26.6
N814438		85	3.5	14.5	58	31.6



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**CERTIFICATE OF ANALYSIS WH12188888**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12190673**

Project: Klaza  
P.O. No.: Batch 1  
This report is for 126 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
EXTRA-01	Extra Sample received in Shipment
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12190673**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51847		0.34	0.058	0.3	0.97	28	<10	110	<0.5	<2	0.18	0.6	6	17	15	2.34
ZZ51848		0.19	0.034	1.2	1.04	30	<10	190	<0.5	2	0.28	0.8	5	14	17	2.12
ZZ51849		0.26	0.045	4.0	1.02	49	<10	140	<0.5	2	0.24	0.8	3	11	12	1.64
ZZ51851		0.36	<0.005	0.4	0.90	22	<10	110	<0.5	<2	0.33	<0.5	4	14	16	1.60
ZZ51852		0.28	<0.005	0.7	0.35	4	<10	50	<0.5	<2	0.18	<0.5	3	5	5	1.02
ZZ51853		0.30	<0.005	0.4	0.74	13	<10	120	<0.5	<2	0.29	<0.5	4	10	12	1.39
ZZ51854		0.20	0.009	0.8	1.41	20	<10	170	<0.5	<2	0.30	<0.5	3	16	13	1.51
ZZ51855		0.31	0.017	2.2	0.87	29	<10	140	<0.5	<2	0.26	<0.5	4	9	9	1.60
ZZ51856		0.24	<0.005	1.0	0.26	5	<10	50	<0.5	<2	0.17	<0.5	2	3	4	0.66
ZZ51857		0.25	<0.005	0.7	1.01	19	<10	140	<0.5	<2	0.36	<0.5	5	17	17	1.88
ZZ51858		0.31	0.014	1.0	1.36	62	<10	220	<0.5	<2	0.64	<0.5	6	21	27	2.11
ZZ51859		0.26	<0.005	0.3	0.68	5	<10	100	<0.5	<2	0.11	<0.5	3	9	7	1.11
ZZ51860		0.29	<0.005	0.6	0.39	<2	<10	60	<0.5	<2	0.13	0.7	3	4	3	0.89
ZZ51861		0.33	0.012	0.7	1.08	11	<10	260	<0.5	<2	0.27	<0.5	6	19	24	1.67
ZZ51862		0.27	<0.005	0.6	1.00	8	<10	110	<0.5	<2	0.15	<0.5	5	13	8	1.73
ZZ51863		0.29	<0.005	1.7	1.03	22	<10	170	<0.5	<2	0.32	1.0	8	15	20	1.95
ZZ51864		0.43	<0.005	1.7	0.82	15	<10	140	<0.5	<2	0.34	0.6	3	10	17	1.42
ZZ51865		0.32	<0.005	0.4	1.10	16	<10	110	<0.5	<2	0.22	<0.5	5	20	8	1.85
ZZ51866		0.37	0.005	1.4	0.64	9	<10	70	<0.5	<2	0.18	0.5	3	7	12	1.01
ZZ51867		0.29	<0.005	0.4	0.52	20	<10	140	<0.5	<2	0.49	<0.5	3	8	12	1.14
ZZ51868		0.38	0.005	1.2	1.22	9	<10	160	<0.5	<2	0.37	1.8	9	19	29	2.18
ZZ51869		0.27	0.005	0.8	0.60	8	<10	150	<0.5	<2	0.56	<0.5	2	6	11	0.94
ZZ51870		0.37	<0.005	0.4	1.17	14	<10	180	<0.5	<2	0.23	0.6	5	18	12	1.75
ZZ51871		0.34	<0.005	0.6	1.26	17	<10	200	<0.5	<2	0.25	1.2	8	21	21	1.98
ZZ51872		0.38	<0.005	0.6	0.33	4	<10	60	<0.5	<2	0.15	<0.5	2	4	4	0.62
ZZ51873		0.38	0.005	0.8	1.13	22	<10	170	<0.5	<2	0.66	0.6	5	19	24	1.83
ZZ51874		0.32	0.011	0.7	0.80	22	<10	210	<0.5	<2	0.51	<0.5	4	13	26	1.42
ZZ51875		0.44	0.006	0.5	1.34	19	<10	280	<0.5	<2	0.35	<0.5	5	21	21	1.98
ZZ51876		0.58	0.010	0.2	0.90	24	<10	170	<0.5	<2	0.30	<0.5	4	16	14	1.65
ZZ51877		0.38	<0.005	0.3	0.53	5	<10	100	<0.5	<2	0.23	0.7	3	9	9	0.94
ZZ51878		0.26	<0.005	0.3	1.11	9	<10	170	<0.5	<2	0.16	0.6	5	13	17	1.26
ZZ51879		0.27	0.044	1.2	1.92	56	<10	340	0.7	<2	0.56	0.7	6	23	55	2.81
ZZ51880		0.24	0.030	2.4	1.63	46	<10	380	0.7	<2	0.70	0.9	7	19	56	2.86
ZZ51881		0.27	0.007	0.2	1.26	18	<10	260	0.5	<2	0.48	<0.5	6	27	27	2.12
ZZ51882		0.27	0.007	1.0	1.61	22	<10	340	<0.5	<2	0.66	<0.5	5	21	27	2.29
ZZ51883		0.25	0.009	1.0	1.57	22	<10	320	<0.5	<2	0.74	1.3	8	21	26	2.50
ZZ51884		0.37	<0.005	0.8	1.04	16	<10	150	<0.5	<2	0.18	0.6	4	15	17	1.72
ZZ51885		0.29	<0.005	0.6	1.08	15	<10	130	<0.5	<2	0.21	<0.5	5	18	12	1.94
ZZ51886		0.48	0.061	3.7	1.45	109	<10	220	<0.5	<2	0.74	2.1	5	18	22	2.14
ZZ51887		0.48	0.013	0.9	1.25	60	<10	170	<0.5	<2	0.29	0.7	4	21	18	2.20



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12190673**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ51847		<10	<1	0.06	10	0.28	342	<1	0.03	7	580	12	0.05	<2	1	18
ZZ51848		<10	<1	0.06	10	0.23	376	<1	0.03	6	770	14	0.05	<2	2	21
ZZ51849		<10	<1	0.06	<10	0.18	165	<1	0.04	5	590	48	0.04	2	2	18
ZZ51851		<10	1	0.05	10	0.27	354	<1	0.01	11	450	15	0.02	<2	2	22
ZZ51852		<10	1	0.02	<10	0.08	121	<1	0.03	2	410	4	0.01	<2	1	15
ZZ51853		<10	<1	0.04	<10	0.17	177	<1	0.02	5	680	6	0.03	<2	1	23
ZZ51854		<10	1	0.07	<10	0.26	167	<1	0.02	8	580	10	0.03	<2	2	23
ZZ51855		<10	1	0.04	<10	0.16	261	<1	0.02	4	580	29	0.01	<2	2	18
ZZ51856		<10	<1	0.02	<10	0.06	65	<1	0.03	1	330	2	0.01	<2	1	13
ZZ51857		<10	1	0.05	10	0.30	215	<1	0.02	9	470	14	0.03	<2	2	26
ZZ51858		<10	1	0.07	10	0.36	399	1	0.02	12	610	25	0.03	<2	3	46
ZZ51859		<10	<1	0.05	<10	0.15	164	<1	0.02	5	200	6	0.01	<2	1	15
ZZ51860		<10	<1	0.03	<10	0.05	297	<1	0.03	1	300	2	<0.01	<2	<1	14
ZZ51861		<10	1	0.05	20	0.22	765	<1	0.02	9	670	15	0.03	<2	2	26
ZZ51862		<10	<1	0.05	10	0.22	488	<1	0.02	6	260	7	<0.01	<2	1	16
ZZ51863		<10	1	0.07	10	0.23	902	<1	0.02	7	450	37	0.01	<2	2	27
ZZ51864		<10	1	0.06	<10	0.14	312	<1	0.03	5	430	19	0.02	<2	1	25
ZZ51865		<10	1	0.08	10	0.37	283	<1	0.02	9	250	16	<0.01	<2	2	18
ZZ51866		<10	<1	0.03	10	0.10	302	<1	0.03	3	440	11	0.01	<2	1	17
ZZ51867		<10	<1	0.04	10	0.15	304	<1	0.02	4	510	22	0.03	<2	1	35
ZZ51868		<10	1	0.05	10	0.23	672	<1	0.02	10	330	32	0.01	<2	2	32
ZZ51869		<10	1	0.03	<10	0.09	270	<1	0.03	3	470	9	0.02	<2	1	39
ZZ51870		<10	<1	0.06	10	0.28	336	<1	0.01	10	310	45	<0.01	<2	2	18
ZZ51871		<10	<1	0.06	10	0.28	1445	<1	0.02	11	340	25	0.01	<2	2	27
ZZ51872		<10	<1	0.04	<10	0.07	83	<1	0.03	2	330	5	<0.01	<2	1	13
ZZ51873		<10	<1	0.07	10	0.32	390	<1	0.02	10	500	23	0.03	<2	2	45
ZZ51874		<10	<1	0.06	10	0.20	236	<1	0.02	7	290	16	0.02	2	2	33
ZZ51875		<10	<1	0.07	10	0.38	377	<1	0.01	11	400	27	<0.01	<2	3	26
ZZ51876		<10	1	0.07	10	0.30	253	<1	0.01	7	270	21	<0.01	<2	2	22
ZZ51877		<10	<1	0.04	<10	0.15	228	<1	0.02	4	350	5	0.01	<2	1	20
ZZ51878		<10	1	0.05	10	0.20	392	<1	0.02	6	200	18	<0.01	<2	2	19
ZZ51879		<10	<1	0.14	20	0.38	496	<1	0.01	13	630	57	0.03	<2	5	42
ZZ51880		<10	1	0.09	20	0.28	518	<1	0.02	12	740	32	0.06	2	4	49
ZZ51881		<10	1	0.09	20	0.40	313	<1	0.02	11	700	22	0.01	<2	5	34
ZZ51882		<10	<1	0.07	10	0.28	725	<1	0.02	10	760	20	0.06	<2	4	50
ZZ51883		<10	1	0.07	10	0.30	1215	<1	0.02	10	800	30	0.08	<2	4	54
ZZ51884		<10	<1	0.05	10	0.18	205	<1	0.02	7	400	18	0.02	<2	1	22
ZZ51885		<10	<1	0.06	10	0.28	221	<1	0.02	7	260	16	0.01	<2	2	21
ZZ51886		<10	1	0.09	10	0.30	368	<1	0.02	9	740	55	0.05	<2	3	61
ZZ51887		<10	<1	0.06	10	0.37	236	1	0.01	11	250	18	<0.01	<2	3	24



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12190673**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51847		<20	0.05	<10	<10	48	<10	67
ZZ51848		<20	0.04	<10	<10	47	<10	97
ZZ51849		<20	0.04	<10	<10	35	<10	144
ZZ51851		<20	0.05	<10	<10	39	<10	52
ZZ51852		<20	0.05	<10	<10	33	<10	29
ZZ51853		<20	0.05	<10	<10	39	<10	48
ZZ51854		<20	0.04	<10	<10	34	<10	48
ZZ51855		<20	0.06	<10	<10	43	<10	101
ZZ51856		<20	0.03	<10	<10	20	<10	13
ZZ51857		<20	0.06	<10	<10	46	<10	55
ZZ51858		<20	0.04	<10	<10	44	<10	82
ZZ51859		<20	0.05	<10	<10	29	<10	26
ZZ51860		<20	0.04	<10	<10	28	<10	34
ZZ51861		<20	0.04	<10	<10	41	<10	41
ZZ51862		<20	0.05	<10	<10	44	<10	51
ZZ51863		<20	0.05	<10	<10	48	<10	102
ZZ51864		<20	0.04	<10	<10	35	<10	89
ZZ51865		<20	0.07	<10	<10	45	<10	67
ZZ51866		<20	0.03	<10	<10	27	<10	40
ZZ51867		<20	0.03	<10	<10	25	<10	48
ZZ51868		<20	0.07	<10	<10	58	<10	93
ZZ51869		<20	0.04	<10	<10	27	<10	39
ZZ51870		<20	0.04	<10	<10	41	<10	71
ZZ51871		<20	0.04	<10	<10	46	<10	84
ZZ51872		<20	0.03	<10	<10	17	<10	19
ZZ51873		<20	0.04	<10	<10	38	<10	79
ZZ51874		<20	0.03	<10	<10	30	<10	72
ZZ51875		<20	0.04	<10	<10	43	<10	69
ZZ51876		<20	0.05	<10	<10	35	<10	85
ZZ51877		<20	0.04	<10	<10	25	<10	40
ZZ51878		<20	0.03	<10	<10	30	<10	66
ZZ51879		<20	0.03	<10	<10	44	<10	203
ZZ51880		<20	0.03	<10	<10	47	<10	136
ZZ51881		<20	0.06	<10	<10	49	<10	68
ZZ51882		<20	0.04	<10	<10	36	<10	64
ZZ51883		<20	0.04	<10	<10	38	<10	108
ZZ51884		<20	0.03	<10	<10	41	<10	54
ZZ51885		<20	0.06	<10	<10	50	<10	57
ZZ51886		<20	0.04	<10	<10	39	<10	183
ZZ51887		<20	0.06	<10	<10	46	<10	84



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12190673**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51888		0.37	0.049	2.5	1.07	91	<10	160	0.5	2	0.37	1.6	4	12	38	2.10
ZZ51889		0.39	0.026	1.7	1.27	37	<10	200	<0.5	<2	0.36	<0.5	5	13	26	2.27
ZZ51890		0.41	0.116	3.2	1.21	254	<10	150	<0.5	4	0.26	0.7	6	19	31	2.72
ZZ51891		0.37	0.023	0.9	1.15	66	<10	130	<0.5	2	0.37	<0.5	7	13	18	2.24
ZZ51892		0.30	0.015	0.5	1.48	54	<10	220	0.5	2	0.50	<0.5	7	22	27	2.46
ZZ51630		0.23	0.029	0.4	1.42	93	<10	150	<0.5	2	0.27	0.5	7	21	17	2.83
ZZ51631		0.21	0.019	0.3	1.36	37	<10	150	<0.5	<2	0.28	<0.5	6	22	15	2.49
ZZ51632		0.15	0.022	0.7	1.39	47	<10	260	<0.5	<2	0.35	0.8	6	23	22	2.55
ZZ51633		0.12	0.060	1.5	1.25	65	<10	180	<0.5	2	0.30	1.5	6	18	20	2.33
ZZ51634		0.15	0.007	0.7	1.46	62	<10	150	<0.5	<2	0.26	0.7	8	26	18	2.51
ZZ51635		0.16	0.014	0.7	1.62	64	<10	190	<0.5	<2	0.36	0.6	6	23	22	2.29
ZZ51636		0.16	0.008	0.3	1.38	40	<10	170	<0.5	<2	0.34	<0.5	6	22	14	2.17
ZZ51637		0.12	0.008	0.8	1.10	34	<10	170	<0.5	<2	0.41	<0.5	6	20	13	2.06
ZZ51638		0.17	<0.005	0.2	0.92	25	<10	110	<0.5	<2	0.36	<0.5	5	19	12	1.85
ZZ51639		0.22	<0.005	0.4	1.28	27	<10	140	<0.5	<2	0.39	<0.5	5	22	15	2.12
ZZ51640		0.19	<0.005	<0.2	0.92	25	<10	110	<0.5	<2	0.36	<0.5	5	19	14	1.85
ZZ51641		0.25	<0.005	0.2	1.12	16	<10	150	<0.5	<2	0.36	<0.5	5	20	16	1.85
ZZ51642		0.22	0.008	0.3	1.00	36	<10	180	<0.5	<2	0.35	<0.5	5	17	23	2.05
ZZ51643		0.26	0.009	0.2	0.89	34	<10	120	<0.5	<2	0.31	<0.5	4	17	17	1.66
ZZ51644		0.24	0.012	0.6	1.16	49	<10	260	0.5	<2	0.42	<0.5	6	21	32	2.41
ZZ51645		0.14	0.005	<0.2	1.27	28	<10	200	<0.5	<2	0.39	0.5	6	21	20	2.12
ZZ51646		0.18	0.007	0.3	1.61	17	<10	230	<0.5	<2	0.23	1.8	7	26	15	2.25
ZZ51647		0.25	<0.005	<0.2	1.08	20	<10	130	<0.5	<2	0.23	0.6	5	19	8	1.76
ZZ51648		0.24	<0.005	0.2	0.90	20	<10	160	<0.5	<2	0.27	0.7	7	15	14	1.82
ZZ51649		0.28	0.008	1.1	1.42	45	<10	190	<0.5	<2	0.26	0.7	6	22	15	2.11
ZZ51650		0.28	0.005	1.0	1.89	14	<10	170	<0.5	<2	0.27	0.5	6	30	14	2.57
ZZ51651		0.20	0.029	1.7	1.55	51	<10	210	0.5	<2	0.75	0.6	6	20	39	2.24
ZZ51652		0.17	0.006	0.6	1.57	25	<10	210	<0.5	<2	0.33	0.5	8	26	18	2.25
ZZ51703		0.23	0.006	0.2	1.07	11	<10	190	<0.5	<2	0.43	<0.5	5	21	17	1.73
ZZ51704		0.37	0.006	0.2	1.05	12	<10	150	<0.5	<2	0.36	<0.5	4	23	14	1.81
ZZ51705		0.28	0.038	1.0	1.68	44	<10	380	0.6	<2	0.45	1.1	7	28	37	2.66
ZZ51706		0.34	0.013	0.8	1.06	14	<10	190	<0.5	<2	0.40	0.5	4	16	23	1.58
ZZ51707		0.18	0.033	1.2	1.40	38	<10	290	0.5	<2	0.60	1.3	4	17	40	2.23
ZZ51708		0.33	0.016	0.7	1.36	31	<10	240	0.5	<2	0.52	0.8	5	22	29	2.21
ZZ51709		0.31	0.006	0.2	1.11	13	<10	120	<0.5	<2	0.30	<0.5	5	20	13	1.84
ZZ51710		0.38	0.041	0.7	0.91	76	<10	280	<0.5	<2	0.36	0.8	7	17	29	2.10
ZZ51711		0.25	0.007	0.3	1.14	22	<10	190	<0.5	<2	0.57	<0.5	7	23	26	1.95
ZZ51712		0.38	<0.005	<0.2	0.93	37	<10	90	<0.5	<2	0.24	0.9	6	21	11	2.02
ZZ51713		0.32	0.005	0.5	1.62	24	<10	250	<0.5	<2	0.31	1.1	9	26	31	2.28
ZZ51714		0.25	0.008	0.5	1.28	25	<10	190	<0.5	<2	0.42	0.7	9	23	20	2.11





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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12190673**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ51888		<10	1	0.07	10	0.19	312	2	0.03	8	700	13	0.05	<2	3	33
ZZ51889		<10	1	0.07	10	0.21	241	1	0.02	8	880	9	0.04	<2	3	29
ZZ51890		<10	1	0.08	10	0.40	309	1	0.01	10	310	167	0.03	10	3	28
ZZ51891		<10	<1	0.06	10	0.21	401	1	0.03	6	740	10	0.04	<2	2	30
ZZ51892		<10	1	0.07	10	0.42	410	<1	0.02	12	600	17	0.03	<2	3	42
ZZ51630		<10	1	0.07	10	0.47	390	<1	0.01	10	260	22	0.01	<2	3	22
ZZ51631		<10	1	0.07	10	0.44	278	<1	0.01	12	310	24	0.01	<2	3	23
ZZ51632		<10	<1	0.07	10	0.43	376	1	0.02	12	390	32	0.01	<2	3	30
ZZ51633		<10	1	0.07	10	0.35	388	1	0.01	9	470	91	0.02	<2	3	26
ZZ51634		<10	<1	0.09	10	0.45	639	<1	0.01	14	400	45	0.01	<2	3	20
ZZ51635		<10	1	0.09	10	0.42	402	<1	0.02	12	540	42	0.02	<2	3	25
ZZ51636		<10	1	0.07	10	0.44	411	<1	0.02	10	570	28	0.01	<2	3	23
ZZ51637		<10	1	0.09	10	0.34	545	<1	0.02	9	880	39	0.01	<2	3	26
ZZ51638		<10	1	0.06	10	0.37	382	<1	0.02	9	640	29	<0.01	<2	3	22
ZZ51639		<10	1	0.07	10	0.39	344	<1	0.02	10	490	20	0.01	<2	3	26
ZZ51640		<10	<1	0.08	10	0.37	375	<1	0.01	11	590	21	<0.01	<2	3	23
ZZ51641		<10	<1	0.06	10	0.36	295	<1	0.02	10	460	14	0.01	<2	3	25
ZZ51642		<10	1	0.07	10	0.31	629	<1	0.01	8	490	57	0.01	<2	3	24
ZZ51643		<10	1	0.06	10	0.33	462	<1	0.01	9	420	45	<0.01	<2	2	22
ZZ51644		<10	1	0.10	10	0.35	789	<1	0.02	11	370	48	0.01	2	4	32
ZZ51645		<10	1	0.09	10	0.38	317	<1	0.02	10	350	23	0.01	<2	3	28
ZZ51646		<10	1	0.08	10	0.41	531	<1	0.01	12	250	16	0.01	<2	3	20
ZZ51647		<10	<1	0.08	10	0.35	269	<1	0.01	10	210	15	<0.01	<2	2	18
ZZ51648		<10	1	0.11	10	0.22	878	<1	0.02	7	280	19	<0.01	<2	2	23
ZZ51649		<10	1	0.08	10	0.39	501	<1	0.01	11	250	27	<0.01	<2	3	22
ZZ51650		<10	<1	0.09	10	0.50	243	<1	0.01	15	190	25	<0.01	<2	3	24
ZZ51651		<10	1	0.09	20	0.41	594	<1	0.02	10	690	50	0.03	<2	4	49
ZZ51652		<10	1	0.08	10	0.41	520	<1	0.02	12	390	42	0.01	<2	3	29
ZZ51703		<10	<1	0.07	10	0.36	283	<1	0.02	10	540	23	0.01	<2	3	30
ZZ51704		<10	<1	0.08	10	0.39	262	<1	0.02	11	420	20	<0.01	<2	3	25
ZZ51705		<10	1	0.11	10	0.33	887	<1	0.01	13	600	45	0.03	<2	5	39
ZZ51706		<10	1	0.07	10	0.27	206	<1	0.02	8	490	22	0.02	<2	2	28
ZZ51707		<10	1	0.09	10	0.37	335	<1	0.02	9	560	66	0.03	<2	3	40
ZZ51708		<10	1	0.08	10	0.39	468	<1	0.02	12	410	55	0.02	<2	4	35
ZZ51709		<10	<1	0.06	10	0.38	254	<1	0.01	11	200	19	<0.01	<2	3	20
ZZ51710		<10	<1	0.09	10	0.29	826	<1	0.02	12	240	78	0.03	3	3	27
ZZ51711		<10	<1	0.07	10	0.38	409	<1	0.02	12	540	39	0.04	<2	3	48
ZZ51712		<10	<1	0.06	10	0.34	301	<1	0.02	9	150	57	0.02	2	2	20
ZZ51713		10	<1	0.10	10	0.45	347	<1	0.02	11	250	41	0.03	2	4	30
ZZ51714		<10	<1	0.08	10	0.41	567	<1	0.02	11	300	53	0.02	<2	3	30



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12190673**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51888		<20	0.03	<10	<10	33	<10	94
ZZ51889		<20	0.05	<10	<10	47	<10	62
ZZ51890		<20	0.06	<10	<10	46	<10	100
ZZ51891		<20	0.04	<10	<10	47	<10	36
ZZ51892		<20	0.05	<10	<10	46	<10	55
ZZ51630		<20	0.06	<10	<10	56	<10	102
ZZ51631		<20	0.06	<10	<10	47	<10	84
ZZ51632		<20	0.05	<10	<10	46	<10	94
ZZ51633		<20	0.05	<10	<10	40	<10	160
ZZ51634		<20	0.07	<10	<10	54	<10	132
ZZ51635		<20	0.07	<10	<10	54	<10	125
ZZ51636		<20	0.07	<10	<10	50	<10	98
ZZ51637		<20	0.06	<10	<10	45	<10	81
ZZ51638		<20	0.07	<10	<10	40	<10	66
ZZ51639		<20	0.06	<10	<10	46	<10	64
ZZ51640		<20	0.06	<10	<10	39	<10	60
ZZ51641		<20	0.05	<10	<10	38	<10	52
ZZ51642		<20	0.04	<10	<10	37	<10	86
ZZ51643		<20	0.05	<10	<10	34	<10	65
ZZ51644		<20	0.04	<10	<10	41	<10	110
ZZ51645		<20	0.05	<10	<10	43	<10	101
ZZ51646		<20	0.06	<10	<10	52	<10	222
ZZ51647		<20	0.06	<10	<10	39	<10	141
ZZ51648		<20	0.06	<10	<10	46	<10	92
ZZ51649		<20	0.05	<10	<10	45	<10	144
ZZ51650		<20	0.09	<10	<10	58	<10	90
ZZ51651		<20	0.03	<10	<10	40	<10	124
ZZ51652		<20	0.06	<10	<10	52	<10	85
ZZ51703		<20	0.06	<10	<10	38	<10	84
ZZ51704		<20	0.07	<10	<10	40	<10	94
ZZ51705		<20	0.03	<10	<10	45	<10	168
ZZ51706		<20	0.05	<10	<10	34	<10	73
ZZ51707		<20	0.03	<10	<10	40	<10	193
ZZ51708		<20	0.04	<10	<10	40	<10	137
ZZ51709		<20	0.06	<10	<10	40	<10	54
ZZ51710		<20	0.04	<10	<10	32	<10	145
ZZ51711		<20	0.04	<10	<10	38	<10	80
ZZ51712		<20	0.05	<10	<10	45	<10	183
ZZ51713		<20	0.06	<10	<10	54	<10	129
ZZ51714		<20	0.06	<10	<10	45	<10	118



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51715		0.31	0.037	1.2	1.46	86	<10	160	0.6	<2	0.43	0.5	7	24	39	2.81
ZZ51716		0.34	0.007	0.3	1.09	25	<10	120	<0.5	<2	0.33	0.8	7	19	18	1.90
ZZ51717		0.21	0.009	1.3	1.28	19	<10	240	0.5	<2	1.16	0.8	7	20	29	1.67
ZZ51718		0.24	0.011	0.4	1.80	24	<10	150	<0.5	<2	0.26	0.6	9	29	13	2.59
ZZ51719		0.28	<0.005	0.5	1.30	14	<10	170	<0.5	<2	0.28	0.5	7	22	16	2.28
ZZ51720		0.23	<0.005	0.6	1.22	14	<10	140	<0.5	<2	0.23	<0.5	7	18	10	2.04
ZZ51721		0.21	0.961	0.7	2.34	32	<10	490	0.7	<2	0.54	0.6	9	27	33	3.32
ZZ51822		0.25	0.021	1.0	1.18	101	<10	150	<0.5	3	0.33	0.7	5	11	31	3.09
ZZ51823		0.41	0.024	1.2	1.42	64	<10	220	0.5	2	0.43	1.1	6	20	39	2.49
ZZ51824		0.37	0.109	1.2	1.14	68	<10	160	<0.5	6	0.35	1.4	7	16	40	2.46
ZZ51825		0.51	0.040	5.2	1.53	114	<10	230	0.5	10	0.45	1.6	5	19	54	2.77
ZZ51826		0.27	0.034	1.3	1.07	67	<10	250	0.5	8	0.38	1.1	7	15	30	2.45
ZZ51827		0.39	0.078	2.4	1.78	116	<10	210	<0.5	4	0.44	0.5	5	16	27	2.70
ZZ51828		0.35	0.050	1.7	1.27	95	<10	260	<0.5	4	0.35	0.9	6	18	34	2.06
ZZ51829		0.29	0.103	0.5	0.63	113	<10	110	<0.5	<2	0.30	0.9	5	11	18	2.23
ZZ51830		0.20	0.017	1.5	1.79	65	<10	260	<0.5	<2	0.62	1.4	9	23	16	2.67
ZZ51661		0.42	0.028	1.0	2.03	38	<10	250	0.5	<2	0.38	0.6	9	23	29	2.97
ZZ51662		0.31	0.020	1.1	1.87	21	<10	230	<0.5	<2	0.49	<0.5	8	20	27	2.23
ZZ51663		0.20	0.027	2.1	2.09	267	<10	330	0.6	<2	0.67	0.9	14	22	44	5.47
ZZ51664		0.33	0.010	1.0	1.92	27	<10	310	<0.5	<2	0.59	<0.5	8	21	32	2.61
ZZ51665		0.35	0.011	0.7	1.68	19	<10	240	<0.5	<2	0.49	<0.5	10	19	24	2.54
ZZ51666		0.32	0.009	0.7	1.98	24	<10	280	<0.5	<2	0.51	<0.5	10	22	29	2.71
ZZ51667		0.27	0.006	0.4	1.32	25	<10	180	<0.5	<2	0.42	<0.5	8	20	19	2.51
ZZ51668		0.44	0.008	0.4	1.93	25	<10	270	0.5	<2	0.46	<0.5	10	24	35	2.93
ZZ51669		0.37	0.009	1.4	1.61	24	<10	340	<0.5	<2	0.60	0.7	11	19	39	2.72
ZZ51670		0.32	0.007	0.8	1.55	17	<10	150	<0.5	<2	0.48	<0.5	11	22	29	2.60
ZZ50921		0.19	0.044	1.0	2.62	199	<10	260	0.9	5	0.10	<0.5	22	12	108	5.70
ZZ50922		0.22	0.018	<0.2	1.33	66	<10	770	1.2	5	0.18	1.0	22	9	56	5.93
ZZ50923		0.19	<0.005	0.2	1.99	22	<10	250	0.5	2	0.23	<0.5	11	24	43	3.22
ZZ50924		0.20	<0.005	<0.2	1.62	66	<10	210	0.7	2	0.19	<0.5	16	22	28	4.14
ZZ50925		0.22	<0.005	0.2	1.85	15	<10	260	0.5	<2	0.67	<0.5	10	20	23	2.87
ZZ50926		0.17	<0.005	0.2	1.47	18	<10	140	<0.5	<2	0.25	<0.5	9	17	21	2.65
ZZ50927		0.14	<0.005	0.4	2.04	17	<10	170	<0.5	<2	0.27	<0.5	10	18	22	2.77
ZZ50928		<0.02	<0.005	0.3	1.45	13	<10	220	<0.5	<2	0.36	<0.5	8	16	21	2.34
ZZ50929		0.25	<0.005	0.2	1.76	9	<10	240	<0.5	<2	0.36	<0.5	11	18	24	2.47
ZZ50930		0.25	<0.005	0.9	1.98	15	<10	420	0.6	2	0.56	<0.5	10	22	31	2.84
ZZ50931		0.28	<0.005	0.4	1.32	19	<10	230	<0.5	<2	0.40	<0.5	8	18	25	2.44
ZZ50932		0.30	<0.005	0.2	1.03	12	<10	150	<0.5	2	0.35	<0.5	7	15	10	1.78
ZZ50933		0.22	0.006	0.2	2.01	40	<10	370	0.6	5	0.58	0.5	12	20	63	4.12
ZZ50934		0.20	0.006	0.6	1.80	19	<10	310	0.5	2	0.50	0.5	8	18	34	2.27



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**CERTIFICATE OF ANALYSIS WH12190673**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
ZZ51715		<10	<1	0.14	30	0.43	407	<1	0.02	11	470	86	0.03	3	6
ZZ51716		<10	<1	0.10	10	0.36	371	<1	0.02	8	330	57	0.02	2	3
ZZ51717		<10	1	0.08	20	0.33	473	<1	0.02	12	1030	36	0.10	2	3
ZZ51718		10	<1	0.11	10	0.48	618	<1	0.02	13	270	43	0.02	2	3
ZZ51719		<10	<1	0.09	10	0.36	499	<1	0.02	10	440	14	0.02	<2	3
ZZ51720		<10	<1	0.09	10	0.33	280	<1	0.02	9	510	13	0.02	<2	2
ZZ51721		10	<1	0.15	20	0.42	648	<1	0.02	13	430	32	0.03	<2	6
ZZ51822		<10	<1	0.07	10	0.22	207	5	0.02	4	670	55	0.05	<2	2
ZZ51823		10	<1	0.08	20	0.41	229	2	0.02	11	650	38	0.04	<2	4
ZZ51824		<10	<1	0.07	10	0.36	395	1	0.02	6	580	79	0.04	<2	3
ZZ51825		<10	<1	0.10	20	0.37	155	4	0.02	9	590	102	0.04	2	4
ZZ51826		<10	<1	0.07	10	0.28	427	8	0.02	6	540	70	0.04	3	3
ZZ51827		10	<1	0.09	10	0.39	237	28	0.02	6	650	32	0.07	<2	4
ZZ51828		<10	<1	0.06	10	0.35	223	1	0.02	9	650	28	0.04	2	3
ZZ51829		<10	<1	0.08	10	0.21	282	1	0.01	5	920	41	0.02	4	2
ZZ51830		10	<1	0.12	10	0.35	656	<1	0.02	10	820	60	0.06	<2	4
ZZ51661		10	1	0.08	10	0.49	220	<1	0.02	7	730	55	0.06	<2	8
ZZ51662		10	<1	0.08	10	0.50	248	<1	0.02	7	660	48	0.06	<2	6
ZZ51663		10	<1	0.12	20	0.51	843	2	0.02	9	730	65	0.08	2	8
ZZ51664		10	<1	0.08	10	0.48	209	<1	0.03	9	760	29	0.08	<2	5
ZZ51665		<10	<1	0.08	10	0.52	450	<1	0.03	8	610	31	0.05	<2	5
ZZ51666		10	1	0.08	10	0.52	395	<1	0.02	10	690	31	0.05	<2	5
ZZ51667		<10	<1	0.07	10	0.54	308	<1	0.02	8	560	20	0.03	<2	4
ZZ51668		10	<1	0.10	10	0.61	405	<1	0.02	13	700	24	0.04	<2	6
ZZ51669		<10	1	0.07	20	0.49	650	<1	0.03	10	830	25	0.07	<2	6
ZZ51670		10	<1	0.08	10	0.73	388	<1	0.03	9	620	36	0.03	<2	6
ZZ50921		10	1	0.17	20	0.68	1105	2	0.02	9	470	58	0.09	13	9
ZZ50922		<10	<1	0.13	20	0.40	1535	1	0.01	11	380	55	0.12	8	11
ZZ50923		10	<1	0.10	10	0.48	620	<1	0.02	13	440	11	0.04	2	5
ZZ50924		10	<1	0.14	20	0.43	873	2	0.01	13	430	24	0.04	3	5
ZZ50925		10	<1	0.09	10	0.54	420	<1	0.04	12	480	11	0.06	<2	5
ZZ50926		10	<1	0.09	10	0.37	291	1	0.02	9	390	11	0.04	<2	3
ZZ50927		10	<1	0.11	10	0.49	321	<1	0.02	11	460	11	0.04	<2	4
ZZ50928		<10	1	0.09	10	0.44	401	<1	0.03	8	470	24	0.04	2	3
ZZ50929		10	<1	0.08	10	0.51	1115	<1	0.03	11	520	9	0.04	<2	4
ZZ50930		10	1	0.11	20	0.46	573	<1	0.02	12	680	23	0.05	3	6
ZZ50931		<10	<1	0.07	10	0.43	396	<1	0.02	9	370	18	0.03	3	4
ZZ50932		<10	<1	0.07	10	0.37	230	<1	0.02	8	440	7	0.03	<2	3
ZZ50933		10	<1	0.16	20	0.89	1300	1	0.08	7	590	105	0.03	3	8
ZZ50934		10	<1	0.07	10	0.50	305	<1	0.03	9	800	23	0.08	<2	4



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12190673**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51715		<20	0.04	<10	<10	47	<10	194
ZZ51716		<20	0.05	<10	<10	37	<10	121
ZZ51717		<20	0.03	<10	<10	33	<10	96
ZZ51718		<20	0.06	<10	<10	54	<10	105
ZZ51719		<20	0.06	<10	<10	52	<10	79
ZZ51720		<20	0.06	<10	<10	45	<10	61
ZZ51721		<20	0.03	<10	<10	58	<10	116
ZZ51822		<20	0.02	<10	<10	33	<10	85
ZZ51823		<20	0.04	<10	<10	41	<10	88
ZZ51824		<20	0.04	<10	<10	41	<10	151
ZZ51825		<20	0.03	<10	<10	43	<10	190
ZZ51826		<20	0.02	<10	<10	34	<10	102
ZZ51827		<20	0.02	<10	<10	42	<10	70
ZZ51828		<20	0.03	<10	<10	32	<10	91
ZZ51829		<20	0.03	<10	<10	30	<10	135
ZZ51830		<20	0.04	<10	<10	49	<10	170
ZZ51661		<20	0.06	<10	<10	92	<10	114
ZZ51662		<20	0.06	<10	<10	61	<10	104
ZZ51663		<20	0.06	<10	<10	139	<10	148
ZZ51664		<20	0.06	<10	<10	65	<10	91
ZZ51665		<20	0.08	<10	<10	66	<10	81
ZZ51666		<20	0.06	<10	<10	63	<10	85
ZZ51667		<20	0.07	<10	<10	66	<10	67
ZZ51668		<20	0.07	<10	<10	65	<10	81
ZZ51669		<20	0.06	<10	<10	66	<10	74
ZZ51670		<20	0.09	<10	<10	76	<10	105
ZZ50921		<20	0.04	<10	<10	101	<10	107
ZZ50922		<20	0.01	<10	<10	76	<10	195
ZZ50923		<20	0.04	<10	<10	61	<10	53
ZZ50924		<20	0.04	<10	<10	60	<10	96
ZZ50925		<20	0.05	<10	<10	60	<10	47
ZZ50926		<20	0.04	<10	<10	54	<10	49
ZZ50927		<20	0.06	<10	<10	55	<10	57
ZZ50928		<20	0.05	<10	<10	50	<10	68
ZZ50929		<20	0.06	<10	<10	54	<10	50
ZZ50930		<20	0.03	<10	<10	53	<10	79
ZZ50931		<20	0.05	<10	<10	46	<10	64
ZZ50932		<20	0.05	<10	<10	35	<10	41
ZZ50933		<20	0.12	<10	<10	85	<10	229
ZZ50934		<20	0.04	<10	<10	46	<10	101



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**CERTIFICATE OF ANALYSIS WH12190673**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
ZZ50935		0.23	<0.005	0.6	1.59	12	<10	250	<0.5	<2	0.40	0.7	10	19	30	2.11
ZZ50936		0.14	<0.005	<0.2	0.89	6	<10	160	<0.5	<2	0.35	<0.5	7	11	15	1.81
ZZ50937		0.10	<0.005	0.3	0.97	7	<10	140	<0.5	<2	0.48	<0.5	7	11	20	1.63
ZZ50938		0.16	<0.005	0.2	0.96	11	<10	100	<0.5	<2	0.18	<0.5	6	14	10	1.36
ZZ50939		0.12	<0.005	<0.2	0.38	<2	<10	20	<0.5	<2	0.12	<0.5	4	4	5	0.91
ZZ50940		0.16	<0.005	0.2	1.06	8	<10	130	<0.5	<2	0.37	<0.5	6	14	12	1.45



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**CERTIFICATE OF ANALYSIS WH12190673**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50935		<10	<1	0.08	10	0.44	499	<1	0.03	9	630	18	0.05	2	4	38
ZZ50936		<10	<1	0.03	10	0.19	547	<1	0.03	5	750	9	0.05	<2	2	28
ZZ50937		<10	<1	0.03	20	0.18	294	<1	0.03	5	800	8	0.08	<2	2	38
ZZ50938		<10	<1	0.04	10	0.20	261	<1	0.02	6	800	5	0.07	<2	1	18
ZZ50939		<10	<1	0.02	<10	0.05	70	<1	0.03	1	480	<2	0.04	<2	<1	12
ZZ50940		<10	<1	0.04	10	0.26	112	<1	0.02	6	630	12	0.07	<2	2	27



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**CERTIFICATE OF ANALYSIS WH12190673**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ50935		<20	0.05	<10	<10	43	<10	84
ZZ50936		<20	0.05	<10	<10	45	<10	28
ZZ50937		<20	0.04	<10	<10	41	<10	33
ZZ50938		<20	0.04	<10	<10	29	<10	27
ZZ50939		<20	0.04	<10	<10	28	<10	11
ZZ50940		<20	0.03	<10	<10	33	<10	33





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**CERTIFICATE WH12192024**

Project: Klaza - 101

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 101

**CERTIFICATE OF ANALYSIS WH12192024**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811697		2.56	0.012	0.31	7.30	16.0	900	1.39	0.14	3.42	0.09	33.9	9.4	12	12.00	45.0
N811698		3.67	0.009	10.55	6.75	39.8	2700	1.33	0.18	2.95	0.76	33.0	8.8	17	25.0	32.0
N811699		2.24	0.007	1.66	6.89	55.3	960	1.40	0.14	3.04	0.17	32.6	9.6	14	15.15	13.2
N811700		3.55	<0.005	0.43	6.45	16.9	1170	1.57	0.18	2.85	0.12	30.6	8.9	12	12.75	22.4
N811701		1.71	0.009	0.56	6.37	31.7	300	1.30	0.29	3.40	0.77	34.0	8.3	9	12.15	36.6
N811702		0.42	2.17	23.7	5.78	3340	270	1.14	18.10	2.20	76.9	38.7	11.2	18	14.35	449
N811703		2.39	<0.005	0.64	6.98	24.1	260	1.23	0.20	2.65	0.76	34.9	7.7	12	15.10	32.4
N811704		2.20	<0.005	0.66	7.33	44.3	310	1.41	0.27	3.20	0.58	42.0	8.9	10	13.45	39.4
N811705		1.60	0.026	1.53	6.77	341	530	1.23	0.13	3.15	1.94	42.8	10.3	9	20.5	32.7
N811706		2.57	<0.005	0.29	7.37	42.6	1300	1.55	0.14	3.55	0.21	43.8	8.2	12	20.2	18.7
N811707		1.78	<0.005	0.19	7.35	6.6	1350	1.36	0.08	3.13	0.07	35.4	10.3	13	13.25	52.8
N811708		2.84	<0.005	0.14	7.04	3.9	1080	1.21	0.12	4.02	0.08	38.9	9.5	12	10.80	36.0
N811709		1.88	<0.005	0.12	6.60	9.9	1050	1.23	0.11	3.34	0.09	30.8	7.9	13	9.81	22.6
N811710		2.58	<0.005	0.14	7.57	2.6	1290	1.30	0.19	3.23	0.08	40.8	9.5	14	14.05	39.1
N811711		2.15	<0.005	0.14	7.23	20.8	610	1.25	0.27	4.27	0.12	45.7	10.3	10	14.90	22.1
N811712		2.32	<0.005	<0.01	0.17	<5	40	0.08	0.02	21.8	0.06	1.38	1.9	<1	0.75	1.6
N811713		1.66	<0.005	0.11	8.00	2.7	1250	1.37	0.16	2.70	0.05	36.9	8.9	12	17.80	23.4
N811714		2.30	0.082	0.65	7.05	311	1950	1.20	0.30	4.12	0.58	39.6	10.2	10	17.65	38.6
N811715		3.87	<0.005	0.09	7.53	4.1	1500	1.34	0.08	3.14	0.06	35.3	9.5	13	9.62	5.5
N811716		1.93	<0.005	0.09	7.73	3.5	1160	1.32	0.15	3.51	0.08	37.2	9.6	13	20.3	10.4
N811717		2.10	<0.005	0.13	7.69	8.1	1460	1.43	0.22	3.72	0.13	37.9	9.7	12	18.35	26.6
N811718		3.47	0.373	5.24	6.01	2140	490	1.08	2.95	3.74	6.14	41.4	9.4	9	12.15	47.4
N811719		1.82	0.008	0.22	7.66	115.0	1030	1.50	0.16	3.09	0.26	44.2	9.1	11	12.90	8.6
N811720		0.29	4.64	>100	5.28	8190	100	1.11	60.9	1.96	235	30.8	9.9	18	12.30	1335
N811721		4.33	<0.005	0.16	7.55	7.7	1210	1.31	0.14	3.25	0.15	37.7	9.6	13	13.35	18.5
N811722		1.97	<0.005	0.21	7.17	8.6	1130	1.35	0.17	3.27	0.19	39.2	8.5	12	17.20	45.0
N811723		2.39	<0.005	0.11	6.94	2.9	1180	1.40	0.17	3.10	0.09	35.7	9.2	13	14.75	11.5
N811724		0.88	<0.005	0.12	7.52	2.4	1190	1.51	0.17	3.27	0.10	37.8	10.1	11	14.35	19.1
N811725		1.48	<0.005	0.12	7.38	4.6	1280	1.44	0.37	3.86	0.09	41.6	9.2	10	14.05	4.0
N811726		3.72	<0.005	0.12	7.59	5.7	1600	1.49	0.27	3.58	1.02	39.5	9.1	11	16.60	15.3
N811727		1.67	0.023	0.92	6.75	44.7	1550	1.29	0.45	4.05	0.24	40.0	9.2	9	16.70	36.9
N811728		3.78	<0.005	0.30	7.36	11.6	530	1.91	0.12	2.85	0.39	41.2	9.0	12	16.35	15.5
N811729		<0.02	<0.005	0.29	7.50	12.0	550	1.80	0.13	2.94	0.38	39.2	9.0	11	15.80	16.0
N811730		3.02	0.006	0.22	7.28	18.4	910	1.61	0.24	3.25	0.26	38.6	8.8	11	18.85	14.3
N811731		2.65	0.314	8.42	7.59	1545	1250	1.54	0.71	2.94	8.99	44.6	8.8	11	18.35	105.0
N811732		2.09	<0.005	0.02	0.07	<5	30	0.06	0.03	21.4	0.06	1.40	1.7	<1	0.25	11.1



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**CERTIFICATE OF ANALYSIS WH12192024**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811697		3.24	17.15	0.12	0.6	0.055	2.31	16.0	40.8	0.85	1240	2.89	1.16	8.5	5.4	550
N811698		3.14	14.10	0.17	0.7	0.044	1.96	15.5	35.4	0.99	1100	3.05	0.95	7.1	6.2	540
N811699		3.27	15.10	0.13	0.6	0.035	2.01	14.5	104.0	1.01	1120	0.89	0.29	7.4	5.1	580
N811700		2.87	15.45	0.13	0.6	0.044	2.13	13.4	34.4	0.94	959	5.68	0.77	7.2	4.7	520
N811701		2.76	14.35	0.15	0.5	0.074	1.89	16.0	40.1	1.08	1480	17.05	0.04	6.9	5.0	490
N811702		6.45	13.80	0.19	0.9	1.700	2.56	21.2	20.8	0.89	1880	13.35	0.04	6.0	15.3	440
N811703		2.47	15.45	0.15	0.6	0.032	1.88	17.9	87.7	0.80	1260	6.21	0.03	7.6	4.3	520
N811704		2.66	15.20	0.15	0.7	0.039	1.70	22.6	121.5	0.90	1280	30.5	0.03	7.8	4.3	520
N811705		3.44	13.95	0.17	0.6	0.123	2.78	23.6	26.6	1.14	3170	3.29	0.05	6.9	4.7	470
N811706		2.97	15.30	0.17	0.6	0.060	2.43	23.8	116.5	1.01	1880	4.00	0.08	7.6	4.5	540
N811707		3.11	16.35	0.18	0.6	0.038	2.24	17.1	14.7	0.93	745	2.15	2.08	8.6	5.2	590
N811708		3.08	15.60	0.17	0.6	0.028	1.98	19.6	15.7	0.98	918	1.83	1.99	8.0	4.9	550
N811709		2.95	14.90	0.16	0.5	0.040	2.20	15.2	12.9	0.96	968	6.19	1.50	7.7	4.3	550
N811710		3.27	15.80	0.18	0.6	0.033	1.91	21.3	16.3	0.90	601	1.93	2.25	8.0	5.1	580
N811711		3.11	14.80	0.19	0.6	0.043	2.77	24.7	19.2	1.30	1460	1.35	0.45	7.7	4.9	570
N811712		0.52	0.50	0.11	<0.1	<0.005	0.09	0.7	2.1	13.40	227	0.16	0.01	0.4	4.3	180
N811713		3.33	16.60	0.16	0.8	0.034	2.09	18.5	21.7	0.81	510	1.79	1.60	9.3	5.0	610
N811714		3.46	14.70	0.17	0.6	0.117	2.84	20.4	15.0	1.26	3080	0.90	0.68	7.8	5.0	540
N811715		3.26	15.35	0.18	0.6	0.026	2.16	17.8	13.6	1.02	714	2.42	2.16	7.9	5.1	590
N811716		3.33	15.95	0.19	0.6	0.034	2.15	18.8	11.7	0.97	680	5.69	1.94	8.2	4.9	600
N811717		3.34	15.20	0.16	0.6	0.037	2.21	20.0	19.8	1.05	989	4.81	1.70	7.8	5.2	580
N811718		4.30	12.05	0.18	0.5	0.392	2.72	23.8	15.1	1.26	4840	2.92	0.03	6.1	4.6	430
N811719		3.19	15.25	0.18	0.6	0.038	2.56	23.3	20.3	0.98	1740	1.79	1.21	8.0	4.9	610
N811720		8.06	12.50	0.26	1.1	4.87	2.32	15.5	30.2	0.63	3170	16.00	0.08	5.9	13.9	470
N811721		3.24	16.05	0.15	0.7	0.030	2.01	18.9	14.1	1.00	672	6.44	2.25	8.3	5.1	590
N811722		2.78	15.50	0.18	0.8	0.037	2.34	20.1	17.0	0.90	846	2.29	1.83	8.0	4.5	520
N811723		3.09	15.25	0.16	0.7	0.031	2.04	17.3	12.6	0.86	695	4.25	2.20	8.6	4.8	570
N811724		3.31	15.85	0.18	0.7	0.033	2.09	18.3	13.0	0.91	727	1.83	2.31	9.4	5.1	610
N811725		3.10	14.40	0.18	0.7	0.038	2.49	21.2	14.4	0.94	1100	0.58	1.46	8.7	4.7	570
N811726		3.08	15.05	0.19	0.7	0.086	2.11	20.2	39.6	0.95	1070	3.64	1.30	8.7	4.6	570
N811727		3.06	13.70	0.18	0.6	0.112	2.67	21.2	11.6	1.15	2840	0.61	0.92	7.6	4.3	520
N811728		2.88	15.70	0.16	0.8	0.033	1.41	21.6	339	0.84	895	1.30	0.10	8.8	4.5	560
N811729		2.94	15.70	0.16	0.8	0.033	1.44	20.2	334	0.85	931	1.37	0.11	8.8	4.5	570
N811730		3.07	15.05	0.17	0.7	0.039	2.06	19.3	147.0	0.92	1260	2.20	1.06	7.8	4.5	550
N811731		3.77	15.20	0.20	0.7	0.287	2.74	24.8	228	0.95	3610	3.17	0.07	7.4	4.6	520
N811732		0.48	0.27	0.11	<0.1	0.005	0.02	0.7	1.6	12.60	207	0.10	0.01	0.3	2.8	170



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**CERTIFICATE OF ANALYSIS WH12192024**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811697		48.8	82.5	<0.002	0.23	8.38	11.5	1	2.9	357	0.61	<0.05	8.8	0.292	1.19	2.0
N811698		78.2	72.2	0.002	0.20	6.29	10.9	<1	1.7	493	0.59	<0.05	8.7	0.284	1.14	2.9
N811699		48.6	63.8	<0.002	0.22	13.30	11.8	<1	1.8	270	0.60	<0.05	8.1	0.305	1.76	2.3
N811700		12.4	76.6	<0.002	0.11	10.50	10.5	1	2.9	226	0.56	<0.05	7.5	0.283	1.61	3.4
N811701		134.0	78.8	0.003	0.24	19.95	10.6	1	3.1	209	0.54	<0.05	8.5	0.261	1.79	2.1
N811702		2860	147.0	0.002	4.76	85.9	8.6	2	7.3	88.3	0.48	0.32	10.6	0.183	2.27	5.4
N811703		25.4	61.6	<0.002	0.21	26.2	11.4	1	1.9	235	0.58	<0.05	10.1	0.281	1.40	3.4
N811704		19.5	82.8	0.006	0.30	28.5	12.0	1	1.8	187.5	0.73	<0.05	12.2	0.278	1.38	3.4
N811705		174.5	176.0	0.002	0.95	26.6	10.8	1	1.9	153.0	0.63	<0.05	11.5	0.250	2.37	4.5
N811706		95.9	116.5	<0.002	0.23	15.75	11.8	2	1.9	243	0.64	<0.05	10.9	0.284	1.71	2.6
N811707		12.2	77.7	<0.002	0.10	3.90	12.4	2	1.7	434	0.69	<0.05	9.1	0.308	1.01	2.3
N811708		11.4	71.4	<0.002	0.12	3.60	11.6	2	1.6	426	0.65	<0.05	9.8	0.293	0.94	2.6
N811709		12.5	76.1	0.002	0.14	3.21	10.7	1	1.8	348	0.64	<0.05	8.1	0.295	1.10	2.2
N811710		13.5	68.1	<0.002	0.04	2.49	12.1	2	1.8	502	0.63	<0.05	9.6	0.313	0.80	2.4
N811711		13.0	157.5	<0.002	0.17	3.61	12.1	2	2.1	202	0.62	<0.05	10.6	0.306	2.13	2.7
N811712		1.3	4.7	<0.002	<0.01	0.05	0.6	1	<0.2	41.4	<0.05	<0.05	0.2	0.008	0.04	0.7
N811713		13.0	77.8	<0.002	0.04	2.77	12.7	2	1.6	434	0.85	<0.05	10.6	0.327	0.76	3.0
N811714		56.4	142.0	<0.002	0.71	13.80	11.2	1	1.6	266	0.68	0.10	9.9	0.288	2.17	4.5
N811715		11.6	83.7	<0.002	0.05	1.78	11.7	2	1.6	403	0.63	<0.05	9.5	0.316	1.07	2.7
N811716		11.8	86.5	0.002	0.02	1.73	12.5	2	2.5	426	0.64	<0.05	9.3	0.328	1.10	2.5
N811717		13.2	85.7	0.002	0.12	4.81	12.1	2	2.7	394	0.63	<0.05	10.1	0.312	1.25	2.4
N811718		777	180.0	<0.002	2.58	38.9	9.5	1	1.7	98.7	0.48	<0.05	9.4	0.239	2.65	5.1
N811719		17.8	121.0	<0.002	0.43	5.56	12.3	2	2.0	294	0.62	<0.05	10.9	0.319	1.75	3.3
N811720		9980	125.0	<0.002	7.21	232	7.5	3	8.5	116.0	0.46	0.51	8.6	0.191	2.22	5.6
N811721		16.2	68.4	0.002	0.05	1.42	12.4	2	1.6	457	0.68	<0.05	10.0	0.316	0.77	2.8
N811722		16.6	94.9	<0.002	0.22	3.63	11.0	2	1.6	347	0.73	<0.05	11.6	0.284	1.24	3.6
N811723		12.9	58.8	<0.002	0.03	1.06	10.8	1	1.5	431	0.83	<0.05	9.1	0.306	0.83	3.1
N811724		13.0	64.7	0.003	0.05	1.07	11.9	2	1.5	455	0.95	<0.05	10.2	0.322	0.87	3.9
N811725		10.8	126.5	<0.002	0.05	1.63	12.0	2	1.6	271	0.89	<0.05	11.1	0.301	1.69	5.7
N811726		14.3	83.0	0.003	0.14	4.40	11.7	2	1.5	346	0.83	<0.05	10.8	0.308	1.19	3.6
N811727		414	162.5	<0.002	0.52	10.05	11.0	1	3.3	198.5	0.75	<0.05	9.8	0.275	2.41	5.3
N811728		13.3	55.7	<0.002	0.11	25.1	12.5	1	1.4	246	0.85	<0.05	11.5	0.296	0.99	3.9
N811729		13.9	51.9	<0.002	0.12	24.7	12.4	2	1.4	251	0.88	<0.05	11.0	0.302	1.01	4.3
N811730		35.2	75.5	0.002	0.14	11.75	11.5	1	1.6	304	0.67	<0.05	11.8	0.290	1.26	2.7
N811731		1230	147.0	<0.002	1.42	57.3	11.8	2	2.0	167.0	0.67	<0.05	12.8	0.281	2.00	4.2
N811732		2.2	1.3	<0.002	0.01	0.11	0.4	1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.8



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**CERTIFICATE OF ANALYSIS WH12192024**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811697		94	3.5	12.1	45	12.8	<1	
N811698		89	54.9	11.8	108	12.0	10	
N811699		99	11.5	12.1	57	10.4	1	
N811700		89	3.6	9.9	61	9.7	<1	
N811701		80	9.0	11.2	102	9.3	<1	
N811702		56	5.0	9.6	5610	28.7	27	
N811703		84	8.8	10.9	95	12.5	<1	
N811704		86	7.9	14.4	75	14.8	<1	
N811705		80	5.3	13.8	174	12.7	1	
N811706		87	3.7	15.6	65	13.4	<1	
N811707		94	1.9	14.0	41	12.6	<1	
N811708		91	4.5	15.7	41	12.9	<1	
N811709		91	4.8	11.7	39	11.5	<1	
N811710		94	6.6	13.0	45	12.6	<1	
N811711		92	4.3	15.0	46	13.1	<1	
N811712		4	0.2	0.9	14	<0.5	<1	
N811713		101	3.7	12.6	49	15.1	<1	
N811714		88	4.7	14.4	84	13.2	<1	
N811715		97	2.1	12.8	41	13.5	<1	
N811716		102	3.7	13.5	41	12.5	<1	
N811717		95	2.8	13.7	48	12.4	<1	
N811718		71	3.8	10.7	581	10.8	4	
N811719		96	2.4	12.6	54	12.2	<1	
N811720		53	4.6	9.2	>10000	36.7	122	1.605
N811721		98	1.1	13.8	57	14.4	<1	
N811722		88	3.2	12.6	59	18.8	<1	
N811723		93	1.5	12.0	56	13.8	<1	
N811724		100	1.5	14.1	57	14.9	<1	
N811725		91	2.0	13.6	76	14.4	<1	
N811726		92	3.2	15.1	98	14.2	<1	
N811727		83	3.2	14.4	59	13.3	1	
N811728		88	6.2	13.7	82	16.1	<1	
N811729		90	6.4	13.5	84	15.9	<1	
N811730		89	4.3	13.4	68	14.6	<1	
N811731		87	5.5	13.8	809	13.8	7	
N811732		2	0.1	1.0	14	<0.5	<1	



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Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12192024**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Finalized Date: 2-SEP-2012  
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**CERTIFICATE WH12192025**

Project: Klaza - 101

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 2-SEP-2012  
Account: ROCKHA

Project: Klaza - 101

**CERTIFICATE OF ANALYSIS WH12192025**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811733		1.35	<0.005	0.14	7.43	6.3	1100	1.38	0.15	3.06	0.14	38.0	8.1	13	25.7	19.7
N811734		3.93	0.006	0.50	7.87	59.5	1070	1.40	0.19	3.23	0.26	43.9	9.6	12	26.7	77.1
N811735		2.06	<0.005	0.17	7.86	4.1	1220	1.66	0.25	3.20	0.22	44.1	9.1	12	28.3	61.6
N811736		1.78	0.023	0.48	7.47	118.0	890	1.50	0.31	2.83	0.44	39.9	11.3	14	24.9	140.5
N811737		2.46	<0.005	0.18	7.32	10.3	1600	1.55	0.29	2.45	0.12	42.5	7.3	10	17.00	18.7
N811738		1.15	<0.005	0.15	7.42	11.5	1490	1.45	0.20	2.64	0.14	41.3	6.5	12	13.05	29.1
N811739		3.38	<0.005	0.13	6.71	11.4	1790	1.36	0.23	3.18	0.18	39.7	7.1	9	13.20	17.1
N811740		0.30	2.30	22.9	5.89	3290	460	1.19	21.6	2.12	73.8	41.2	9.2	19	12.20	436
N811741		4.14	<0.005	0.17	6.97	9.3	1790	1.44	0.26	2.61	0.18	38.4	6.6	9	15.20	13.1
N811742		2.25	0.023	1.04	6.69	296	1210	1.42	0.37	3.88	0.89	46.4	6.0	7	16.35	44.6
N811743		2.02	0.005	0.90	7.19	69.1	1090	1.78	0.39	2.53	0.62	45.8	7.0	8	17.85	33.3
N811744		1.92	0.098	1.75	6.75	1135	1010	1.27	1.15	3.32	3.17	46.5	8.3	7	16.40	21.1
N811745		5.07	<0.005	0.04	0.06	<5	30	0.06	0.03	20.2	0.05	0.96	0.5	<1	0.14	2.5
N811746		1.44	<0.005	0.10	7.33	14.6	1700	1.49	0.19	2.79	0.12	44.5	6.7	9	12.90	22.2
N811747		2.52	<0.005	0.06	6.94	5.6	1860	1.47	0.16	2.97	0.10	39.4	7.2	10	10.80	12.5
N811748		2.76	<0.005	0.25	7.30	27.0	1620	1.38	0.29	2.93	0.41	43.3	6.9	10	11.25	17.2
N811749		3.08	<0.005	0.16	6.99	29.0	1370	1.40	0.14	3.44	0.18	36.9	7.4	10	12.85	12.3
N811750		4.61	<0.005	0.10	7.47	9.3	1990	1.39	0.17	3.02	0.12	38.8	7.8	13	10.10	10.5
N811751		<0.02	<0.005	0.09	7.46	10.1	1990	1.52	0.17	3.08	0.09	42.4	8.2	10	10.50	11.3
N811752		2.56	0.034	2.02	7.14	330	1070	1.44	0.20	5.26	1.59	46.8	7.7	6	16.30	20.3
N811753		3.27	<0.005	0.13	7.15	6.0	2000	1.44	0.43	3.01	0.16	40.2	8.0	8	18.55	17.6
N811754		0.31	2.34	23.6	6.07	3340	320	1.34	22.0	2.17	77.8	42.8	9.5	19	12.90	438
N811755		2.49	<0.005	0.17	7.29	5.4	2110	1.47	0.23	2.90	0.15	37.5	8.3	10	14.95	20.0
N811756		1.63	0.051	2.00	6.99	78.0	3200	1.56	0.63	2.46	2.67	42.7	7.1	8	16.35	34.9
N811757		2.83	<0.005	0.18	7.42	9.1	1660	1.58	0.12	3.01	0.13	39.7	7.0	9	16.05	15.7
N811758		2.49	<0.005	0.42	7.40	25.1	1580	1.58	0.18	2.79	2.57	45.2	7.9	8	13.25	19.0
N811759		3.08	0.412	16.25	6.27	567	1290	1.45	0.30	4.06	12.95	39.5	6.1	6	23.5	52.5
N811760		3.20	0.028	1.76	6.38	171.5	570	1.23	0.08	3.26	1.34	42.9	3.6	4	10.80	14.9
N811761		4.53	0.032	1.17	6.98	243	610	1.44	0.08	2.86	1.25	46.7	7.6	6	15.30	30.1
N811762		2.47	0.019	1.72	6.67	414	510	1.20	0.06	3.15	1.94	47.8	6.7	8	11.90	11.5
N811763		2.11	0.034	2.85	6.30	873	1500	1.33	0.06	4.42	0.44	46.7	6.6	6	11.95	20.5
N811764		5.56	0.021	1.55	6.98	423	1120	1.32	0.06	3.67	0.26	46.0	7.6	9	12.50	24.0
N811765		2.20	0.017	1.41	7.42	84.9	1670	1.33	0.07	3.19	0.19	49.5	7.1	8	10.20	25.7
N811766		1.72	0.038	2.32	6.45	510	1460	1.38	0.07	3.32	2.01	40.5	7.6	6	15.60	17.8
N811767		1.60	<0.005	0.01	0.08	<5	30	0.05	0.03	20.5	0.06	1.06	0.6	<1	0.34	2.0
N811768		3.64	<0.005	0.19	6.93	31.0	940	1.43	0.10	3.06	0.19	45.0	6.0	7	14.10	17.4





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Project: Klaza - 101

**CERTIFICATE OF ANALYSIS WH12192025**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811733		3.02	15.50	0.15	0.6	0.029	2.20	19.2	138.5	0.83	774	5.47	1.15	7.8	4.4	560
N811734		3.10	16.25	0.18	0.7	0.031	2.66	22.4	73.1	0.98	1010	4.64	0.85	8.0	5.3	580
N811735		3.26	15.75	0.20	0.6	0.036	2.17	23.2	61.0	0.77	716	1.87	1.97	7.9	5.0	590
N811736		3.18	14.75	0.18	0.6	0.042	2.18	20.6	59.4	0.90	888	3.60	0.68	7.7	5.1	560
N811737		2.73	14.55	0.16	1.3	0.027	2.54	22.5	20.4	0.73	602	2.77	1.73	7.7	2.9	550
N811738		2.85	14.85	0.16	1.3	0.038	2.40	18.5	19.1	0.75	652	2.82	1.48	7.6	4.0	620
N811739		2.83	13.40	0.14	1.4	0.033	2.47	18.4	24.2	0.86	811	7.74	1.27	6.7	2.7	590
N811740		6.27	12.00	0.16	0.9	1.510	2.52	21.2	20.5	0.87	1860	11.60	0.04	4.9	14.7	430
N811741		2.60	14.45	0.15	1.5	0.034	2.62	18.4	29.7	0.64	654	6.99	1.44	7.1	2.7	560
N811742		2.62	13.35	0.16	1.4	0.094	3.00	25.7	12.0	0.96	3640	7.47	0.03	6.2	2.8	520
N811743		2.93	14.65	0.16	1.6	0.038	2.62	23.3	96.2	0.85	1300	13.25	0.56	7.4	3.0	620
N811744		3.50	13.45	0.16	1.3	0.338	2.94	25.4	33.8	0.95	4940	4.29	0.11	6.0	3.0	530
N811745		0.45	0.16	0.15	<0.1	0.009	0.02	0.5	1.2	12.60	207	0.16	<0.01	0.1	1.7	170
N811746		3.45	13.95	0.19	1.5	0.147	2.84	20.9	21.0	0.81	1450	4.03	1.23	6.7	2.8	630
N811747		3.00	14.00	0.17	1.5	0.045	2.54	19.0	10.2	0.80	912	3.21	1.73	6.9	3.2	620
N811748		3.26	13.50	0.16	1.3	0.067	2.74	21.1	19.1	0.83	1180	1.50	1.40	6.6	2.8	610
N811749		3.00	13.95	0.17	1.1	0.037	2.74	17.5	20.1	0.83	1230	1.80	0.99	6.6	2.9	700
N811750		3.39	14.25	0.15	1.4	0.040	2.44	19.0	11.1	0.89	965	2.61	1.67	6.9	3.0	690
N811751		3.26	14.85	0.15	1.4	0.040	2.49	20.8	11.7	0.88	950	2.80	1.71	7.4	2.9	690
N811752		3.56	13.45	0.18	1.3	0.112	3.10	26.3	21.2	1.21	4910	2.20	0.04	6.3	2.7	610
N811753		2.98	14.45	0.16	1.3	0.038	2.49	19.2	36.5	0.86	864	2.12	0.81	6.8	2.9	660
N811754		6.39	12.40	0.17	1.0	1.555	2.55	21.3	24.3	0.89	1890	12.30	0.04	5.3	15.0	440
N811755		3.37	14.95	0.14	1.3	0.037	2.40	17.1	28.3	0.78	728	2.57	1.72	7.1	3.1	700
N811756		3.21	13.25	0.18	1.3	0.103	2.07	22.7	144.5	0.74	1590	2.68	0.07	6.2	2.8	630
N811757		2.90	14.05	0.16	1.4	0.035	2.53	19.2	46.1	0.75	867	3.43	0.44	6.7	4.2	680
N811758		3.19	14.95	0.18	1.4	0.530	2.35	21.9	47.8	0.84	1000	1.67	1.23	7.4	3.0	650
N811759		2.84	11.40	0.16	1.2	0.151	2.39	22.8	33.5	0.88	3240	2.29	0.03	5.8	2.7	460
N811760		2.15	12.65	0.16	1.4	0.053	2.92	26.7	12.4	0.91	3240	2.65	0.05	5.4	1.6	250
N811761		3.70	14.35	0.15	1.3	0.211	2.43	25.9	40.9	0.99	4310	2.56	0.03	5.9	2.8	520
N811762		2.83	12.50	0.17	1.4	0.055	3.04	26.9	8.0	0.96	3490	0.98	0.03	6.4	2.8	560
N811763		3.06	12.25	0.16	1.2	0.037	2.84	24.9	11.5	1.45	4610	1.73	0.02	5.8	2.4	480
N811764		2.63	12.80	0.16	1.2	0.030	2.37	24.7	45.0	1.16	1830	8.65	0.03	6.2	2.8	570
N811765		2.74	13.85	0.17	1.3	0.033	2.12	28.6	79.5	1.09	1220	2.19	0.02	7.0	2.8	600
N811766		2.60	12.00	0.18	1.7	0.039	2.58	22.8	20.4	0.93	2970	2.68	0.02	5.9	2.5	500
N811767		0.47	0.24	0.17	<0.1	0.006	0.04	0.5	1.3	12.85	226	0.12	<0.01	0.2	2.0	170
N811768		2.41	12.25	0.24	1.6	0.023	2.64	24.6	32.8	0.96	939	1.04	0.14	6.7	2.1	450



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Finalized Date: 2-SEP-2012  
Account: ROCKHA

Project: Klaza - 101

**CERTIFICATE OF ANALYSIS WH12192025**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811733		13.7	69.7	<0.002	0.03	5.63	11.4	1	1.8	323	0.67	<0.05	10.0	0.304	1.02	3.7
N811734		14.4	104.5	<0.002	0.45	21.8	12.7	2	2.1	257	0.70	<0.05	12.4	0.318	2.05	3.6
N811735		17.1	88.3	<0.002	0.03	3.11	13.1	2	2.8	379	0.66	<0.05	12.7	0.309	1.02	3.6
N811736		14.5	89.4	0.002	0.52	43.0	12.7	2	2.0	205	0.65	<0.05	11.0	0.305	1.39	3.2
N811737		13.5	105.0	<0.002	0.08	3.53	10.1	1	1.6	291	0.70	<0.05	13.4	0.261	1.25	4.3
N811738		14.7	104.5	0.003	0.08	4.45	11.7	<1	1.9	283	0.68	<0.05	11.3	0.292	1.33	4.0
N811739		15.3	97.8	0.005	0.12	4.35	9.6	<1	2.2	255	0.62	<0.05	10.9	0.259	1.39	3.7
N811740		2790	157.5	<0.002	4.64	79.5	7.6	<1	6.7	83.7	0.44	0.38	10.8	0.177	2.32	5.0
N811741		17.7	101.0	0.008	0.07	4.30	9.8	1	1.7	272	0.67	<0.05	11.8	0.251	1.18	3.5
N811742		85.6	204	0.005	0.57	15.70	9.8	<1	1.4	90.2	0.57	<0.05	12.8	0.229	2.38	6.4
N811743		29.0	118.0	0.011	0.25	13.75	11.0	<1	1.6	177.5	0.70	<0.05	13.1	0.272	1.84	5.5
N811744		106.5	175.5	0.007	1.11	17.40	9.7	1	1.9	88.5	0.57	<0.05	13.9	0.232	1.95	4.5
N811745		1.8	1.1	<0.002	<0.01	0.23	0.1	<1	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N811746		20.7	123.5	0.005	0.07	4.65	11.0	<1	1.5	272	0.61	<0.05	12.8	0.276	1.60	3.5
N811747		15.2	97.9	0.004	0.04	1.77	10.3	1	1.4	329	0.63	<0.05	10.7	0.270	1.25	3.6
N811748		24.2	121.5	0.002	0.22	3.63	10.6	1	1.8	281	0.61	<0.05	12.4	0.270	1.58	3.7
N811749		12.7	111.0	<0.002	0.09	3.76	10.9	<1	1.3	251	0.48	<0.05	8.3	0.300	1.65	3.0
N811750		14.8	87.1	0.002	0.05	1.66	11.3	1	1.3	339	0.59	<0.05	9.6	0.304	1.04	2.5
N811751		14.3	95.1	<0.002	0.04	1.79	11.8	1	1.5	342	0.56	<0.05	9.4	0.308	1.06	2.4
N811752		267	200	0.002	0.77	12.00	11.3	1	1.6	119.5	0.52	<0.05	12.4	0.261	2.53	5.2
N811753		11.7	98.9	0.002	0.07	4.51	11.3	<1	1.5	211	0.50	<0.05	9.6	0.296	1.29	3.0
N811754		2840	160.0	0.002	4.71	81.3	7.7	1	7.2	84.8	0.45	0.41	10.7	0.179	2.33	5.0
N811755		16.6	84.7	<0.002	0.02	3.98	11.7	<1	1.5	339	0.57	<0.05	9.8	0.310	1.07	2.3
N811756		189.5	99.5	<0.002	0.47	27.0	11.8	<1	1.8	174.0	0.50	<0.05	10.5	0.290	1.48	3.8
N811757		14.3	92.1	<0.002	0.06	8.33	11.3	<1	1.4	160.5	0.58	<0.05	11.3	0.300	1.46	3.1
N811758		28.6	91.0	<0.002	0.13	5.23	11.4	1	1.7	288	0.62	<0.05	11.4	0.296	1.25	2.8
N811759		781	154.0	<0.002	1.08	28.7	8.3	<1	5.6	257	0.58	<0.05	12.5	0.210	2.12	5.9
N811760		93.1	193.5	0.002	0.40	16.65	5.2	<1	3.0	74.6	0.68	<0.05	19.7	0.125	1.94	3.5
N811761		112.5	156.5	<0.002	0.88	21.4	10.6	1	5.4	116.5	0.54	<0.05	13.9	0.240	2.04	7.3
N811762		134.5	182.5	<0.002	1.03	16.65	11.9	<1	1.6	58.7	0.64	<0.05	14.2	0.262	2.08	4.2
N811763		21.3	198.0	<0.002	0.66	26.4	9.7	1	1.9	92.5	0.57	<0.05	13.6	0.222	2.57	5.1
N811764		16.3	131.0	0.003	0.46	17.80	10.4	<1	3.8	176.0	0.58	<0.05	13.7	0.256	2.35	7.1
N811765		13.1	120.0	<0.002	0.64	15.40	11.7	1	2.1	272	0.62	<0.05	15.5	0.269	2.20	4.7
N811766		89.4	169.0	0.002	1.16	22.5	9.4	<1	1.9	208	0.59	<0.05	13.6	0.225	2.42	6.7
N811767		1.3	2.3	<0.002	<0.01	0.21	0.2	<1	0.2	40.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
N811768		12.0	163.0	<0.002	0.12	13.90	8.6	1	1.4	122.5	0.71	<0.05	18.9	0.208	1.68	7.6



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Project: Klaza - 101

**CERTIFICATE OF ANALYSIS WH12192025**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811733		94	3.2	12.8	54	12.6	<1
N811734		99	12.2	14.4	61	14.1	<1
N811735		98	3.9	15.1	59	13.1	<1
N811736		96	5.4	14.0	69	13.1	<1
N811737		73	3.7	12.5	40	38.3	<1
N811738		88	4.4	13.9	49	30.1	<1
N811739		72	4.7	12.6	52	34.7	<1
N811740		55	5.0	8.5	5330	21.5	25
N811741		69	6.3	12.5	51	36.3	<1
N811742		65	7.3	14.5	90	35.9	<1
N811743		76	6.2	14.9	70	41.2	<1
N811744		69	4.2	14.1	302	31.0	2
N811745		1	0.1	0.7	14	0.5	<1
N811746		80	4.1	14.2	68	32.9	<1
N811747		78	3.8	12.9	61	34.6	<1
N811748		77	2.8	13.6	92	29.4	<1
N811749		86	3.1	12.8	64	25.2	<1
N811750		87	4.2	13.1	58	32.6	<1
N811751		87	3.8	13.4	58	35.9	<1
N811752		78	4.4	16.8	141	34.2	1
N811753		85	2.7	13.9	54	33.3	<1
N811754		56	5.0	9.4	5410	23.1	26
N811755		92	2.2	13.8	62	35.3	<1
N811756		86	6.9	12.9	326	30.8	2
N811757		87	5.6	12.8	60	35.5	<1
N811758		84	4.7	15.1	243	34.8	<1
N811759		58	4.9	10.8	1030	29.8	18
N811760		48	1.4	10.8	126	37.3	1
N811761		77	3.7	12.9	131	33.3	1
N811762		71	2.0	13.3	197	34.3	2
N811763		68	2.1	11.9	66	31.1	2
N811764		74	5.1	12.1	61	28.7	1
N811765		76	5.8	12.8	55	30.7	1
N811766		66	3.6	11.1	193	31.9	2
N811767		2	0.1	0.7	14	0.5	<1
N811768		59	2.2	13.5	49	35.7	<1



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**CERTIFICATE OF ANALYSIS WH12192025**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12192026**

Project: Klaza -105

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12192026**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814439		5.71	<0.005	0.09	6.95	6.7	2150	1.62	0.68	2.64	0.07	43.7	8.4	12	5.41	7.3
N814440		4.18	<0.005	0.04	7.20	11.2	2170	1.73	0.12	2.53	0.08	47.5	9.1	11	5.05	6.4
N814441		1.64	<0.005	0.04	7.47	5.7	2190	1.58	0.30	2.58	0.09	51.0	9.0	9	5.52	6.3
N814442		6.32	<0.005	0.04	7.00	5.9	2080	1.45	0.10	2.43	0.06	46.6	8.0	10	4.67	5.0
N814443		6.85	<0.005	0.08	7.23	5.2	2120	1.67	0.35	2.65	0.09	49.6	9.0	11	4.82	7.1
N814444		0.31	0.781	10.45	6.72	1395	1330	1.65	6.77	1.79	41.8	46.4	17.9	19	16.05	107.5
N814445		3.13	<0.005	0.39	7.34	8.4	2210	1.76	0.10	2.65	0.12	51.2	10.4	10	4.48	5.6
N814446		4.22	<0.005	0.13	7.35	5.4	2210	1.56	0.25	2.71	0.09	50.0	8.4	11	5.72	5.3
N814447		6.95	<0.005	0.25	7.13	5.2	2180	1.61	0.11	2.63	0.07	49.1	8.3	11	6.52	5.3
N814448		2.60	<0.005	0.67	6.53	31.5	1440	1.43	0.66	2.68	0.79	45.5	10.2	8	9.01	8.7
N814449		4.40	<0.005	0.13	6.95	6.7	2020	1.44	0.13	2.53	0.10	46.3	6.5	9	5.71	4.5
N814450		<0.02	<0.005	0.09	7.08	5.7	2070	1.66	0.21	2.59	0.09	48.5	6.8	9	6.09	4.3
N814451		3.10	<0.005	0.14	7.09	14.0	1980	1.55	0.20	2.51	0.19	44.4	9.6	8	8.57	12.3
N814452		4.83	<0.005	0.10	7.19	4.6	2080	1.67	0.22	2.21	0.14	48.4	6.4	8	10.90	6.9
N814453		7.44	<0.005	0.08	6.85	5.8	2160	1.61	0.18	2.38	0.12	49.9	6.5	9	8.35	5.8
N814454		3.00	<0.005	0.08	7.26	13.5	1970	1.77	0.27	2.19	0.11	52.9	9.2	8	12.10	7.2
N814455		2.28	<0.005	0.11	7.11	14.3	1530	1.47	0.25	1.93	0.13	48.1	5.7	7	14.70	5.1
N814456		2.32	<0.005	0.03	0.05	<5	40	<0.05	0.07	20.5	0.05	1.16	0.6	<1	0.12	1.2
N814457		7.92	<0.005	0.06	7.05	4.4	2010	1.67	0.14	2.39	0.07	49.5	7.9	8	7.46	7.8
N814458		2.81	<0.005	0.04	6.76	6.1	1970	1.71	0.20	2.70	0.08	43.4	8.9	8	8.94	8.7
N814459		5.19	<0.005	0.05	7.12	4.6	2060	1.71	0.14	2.73	0.10	42.7	8.3	8	9.21	10.5
N814460		4.46	<0.005	0.03	6.94	4.7	2130	1.59	0.17	2.32	0.06	44.6	8.3	8	10.05	15.6
N814461		2.67	<0.005	0.05	6.90	8.8	1700	1.42	0.19	2.26	0.07	39.7	10.6	7	16.30	33.3
N814462		2.83	<0.005	0.06	7.41	9.8	2200	1.22	0.14	1.80	0.06	50.1	9.0	8	17.60	34.6
N814463		3.29	<0.005	0.04	7.29	4.2	2150	1.27	0.10	2.41	0.05	40.2	7.8	7	13.95	33.7
N814464		2.28	<0.005	0.05	7.18	7.5	2090	1.44	0.14	2.36	0.08	42.1	7.1	7	13.55	10.2
N814465		4.02	<0.005	0.07	5.86	13.2	1580	1.24	0.09	3.86	0.22	36.8	6.2	5	16.70	4.1
N814466		2.52	<0.005	0.01	0.11	<5	30	0.06	0.04	19.75	0.06	1.33	0.7	<1	0.38	2.2
N814467		5.29	<0.005	0.05	6.34	8.2	1890	1.57	0.13	2.61	0.07	37.0	7.3	9	18.85	5.0
N814468		2.86	<0.005	0.18	6.35	12.8	1880	1.46	0.65	2.69	0.13	37.0	8.4	8	16.15	7.6
N814469		0.29	2.40	27.7	5.84	2590	1560	1.49	20.9	2.08	78.5	43.5	11.6	17	14.10	432
N814470		4.84	<0.005	0.47	7.03	7.2	2080	1.48	0.28	2.47	0.12	45.0	8.7	10	8.32	5.6
N814471		3.87	<0.005	0.14	7.33	8.5	2220	1.40	0.31	2.60	0.09	43.2	6.7	9	10.00	14.6
N814472		2.88	0.022	4.10	6.51	106.5	1380	1.25	2.77	3.38	0.51	41.3	22.7	8	19.65	653
N814473		2.81	<0.005	0.18	6.98	7.8	2140	1.68	0.29	2.91	0.11	39.0	7.4	11	9.57	30.3
N814474		5.75	<0.005	0.10	7.65	1.9	2240	1.46	0.15	2.90	0.07	49.8	7.2	13	7.52	6.5



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Project: Klaza -105

**CERTIFICATE OF ANALYSIS WH12192026**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814439		2.90	16.15	0.13	1.1	0.044	2.49	19.2	14.2	0.84	648	3.44	2.30	7.8	2.9	600
N814440		2.84	16.85	0.13	1.0	0.042	2.44	21.9	16.5	0.85	574	1.93	2.32	8.0	2.8	600
N814441		2.91	17.50	0.16	1.2	0.046	2.53	23.9	17.0	0.88	584	1.09	2.34	8.3	2.8	630
N814442		2.75	15.15	0.15	1.0	0.037	2.37	21.6	14.0	0.84	575	1.25	2.22	7.2	2.6	590
N814443		2.95	17.45	0.15	1.2	0.042	2.43	23.1	16.1	0.87	618	0.91	2.33	8.4	3.0	650
N814444		5.14	15.55	0.15	1.3	0.921	2.85	22.6	25.4	0.68	1910	13.00	0.27	7.6	16.0	510
N814445		2.98	17.85	0.16	1.3	0.045	2.48	25.7	15.5	0.93	654	0.73	2.30	8.7	3.0	640
N814446		2.94	16.15	0.15	1.3	0.043	2.54	23.0	15.3	0.92	663	0.55	2.28	7.6	2.6	630
N814447		2.91	16.70	0.15	1.2	0.042	2.49	22.4	13.7	0.88	648	0.57	2.23	8.2	3.3	640
N814448		2.77	15.10	0.16	1.0	0.100	2.57	20.4	10.0	0.66	1330	0.44	1.17	7.5	2.8	590
N814449		2.75	15.50	0.14	1.2	0.036	2.51	22.2	10.7	0.79	645	0.52	2.12	7.5	2.5	600
N814450		2.82	16.80	0.17	1.2	0.039	2.59	22.3	11.5	0.81	672	0.50	2.17	7.9	2.7	610
N814451		2.92	16.50	0.16	1.3	0.044	2.62	20.1	21.3	0.71	511	0.36	1.41	8.4	3.1	620
N814452		2.76	16.15	0.15	1.3	0.043	2.64	22.8	15.9	0.70	506	0.46	1.81	7.9	2.5	590
N814453		2.72	16.55	0.15	1.2	0.047	2.47	22.9	14.6	0.77	583	0.62	2.04	8.1	2.6	600
N814454		3.22	16.50	0.16	1.3	0.043	2.43	26.1	24.1	0.84	509	0.62	1.41	9.0	3.1	640
N814455		2.48	15.90	0.14	1.2	0.056	2.44	24.3	34.0	0.65	489	0.49	0.53	7.7	2.3	600
N814456		0.42	0.18	0.16	<0.1	<0.005	0.02	0.5	1.1	12.20	187	0.08	0.01	0.1	1.4	180
N814457		2.96	15.95	0.18	1.2	0.042	2.50	22.5	17.4	0.94	619	0.63	2.08	8.3	2.7	620
N814458		2.71	15.50	0.16	1.0	0.044	2.48	19.9	16.7	0.82	693	0.64	1.89	7.6	2.5	580
N814459		2.91	15.80	0.14	1.3	0.038	2.47	19.8	16.7	0.85	716	0.62	2.00	8.0	2.7	610
N814460		2.78	15.00	0.14	1.1	0.038	2.49	20.6	17.2	0.72	528	0.45	1.88	7.5	2.5	620
N814461		2.95	16.25	0.16	1.2	0.037	2.45	17.8	25.8	0.62	577	0.54	0.61	8.0	2.6	610
N814462		2.46	17.45	0.13	1.3	0.039	2.41	23.2	35.4	0.54	639	0.46	0.16	8.9	2.6	660
N814463		2.57	17.00	0.16	1.2	0.034	2.50	18.2	26.5	0.52	509	0.54	0.81	7.8	2.4	610
N814464		2.69	16.30	0.15	1.3	0.027	2.42	19.5	42.8	0.68	635	0.55	0.74	7.9	2.4	590
N814465		2.54	12.15	0.15	1.0	0.028	1.90	19.0	165.0	1.36	827	0.44	0.06	6.2	2.1	480
N814466		0.45	0.34	0.16	<0.1	<0.005	0.04	0.6	1.8	11.65	194	0.09	0.01	0.2	1.8	160
N814467		2.55	15.50	0.20	1.3	0.030	2.37	17.1	15.8	0.64	565	0.53	1.78	7.7	2.5	550
N814468		2.78	14.80	0.15	0.8	0.140	2.61	17.8	32.7	0.82	803	0.25	0.83	7.3	2.1	560
N814469		6.28	14.40	0.16	1.0	1.760	2.58	23.2	24.7	0.87	1810	13.15	0.04	6.1	16.0	440
N814470		2.85	15.25	0.16	1.0	0.069	2.40	20.5	10.5	0.73	642	0.25	2.18	7.5	2.5	600
N814471		2.98	15.10	0.09	1.0	0.066	2.79	20.9	16.3	0.77	594	0.22	2.13	7.6	2.9	610
N814472		3.26	14.05	0.07	1.1	0.105	2.53	20.0	47.5	1.09	1000	0.44	0.32	7.1	4.3	560
N814473		2.96	15.50	0.08	1.2	0.056	2.68	18.0	10.2	0.85	678	0.59	2.17	8.1	2.9	610
N814474		2.95	15.25	0.10	1.3	0.049	2.72	24.1	10.9	0.86	643	0.57	2.34	7.8	2.9	620



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**CERTIFICATE OF ANALYSIS WH12192026**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814439		14.8	89.3	0.002	0.03	1.03	10.9	1	1.5	381	0.63	<0.05	11.3	0.265	0.88	3.9
N814440		14.6	97.6	<0.002	0.01	0.83	11.1	<1	1.5	396	0.67	<0.05	11.7	0.262	0.83	2.9
N814441		14.8	103.0	<0.002	0.01	0.82	12.6	<1	1.7	405	0.68	<0.05	13.5	0.267	0.87	3.3
N814442		14.2	85.4	<0.002	0.01	0.64	10.8	<1	1.3	383	0.62	<0.05	11.9	0.252	0.80	3.1
N814443		16.0	96.9	<0.002	0.02	0.87	12.4	<1	1.4	398	0.69	<0.05	12.2	0.271	0.90	3.4
N814444		1360	163.5	<0.002	3.14	35.0	9.3	<1	6.0	150.0	0.62	0.26	12.6	0.203	2.52	5.4
N814445		16.5	106.5	<0.002	0.01	0.83	13.4	<1	1.5	402	0.73	<0.05	14.4	0.271	0.87	4.0
N814446		15.4	92.1	<0.002	0.01	0.87	11.1	<1	1.4	403	0.67	<0.05	13.7	0.271	0.90	3.5
N814447		16.5	97.8	<0.002	0.01	1.28	12.2	<1	1.4	389	0.70	<0.05	13.3	0.270	0.96	3.5
N814448		32.2	116.5	<0.002	0.45	10.75	10.7	<1	1.6	208	0.66	<0.05	12.0	0.249	1.66	4.9
N814449		17.6	95.9	<0.002	0.01	1.73	10.6	1	1.4	375	0.69	<0.05	14.4	0.254	1.06	3.0
N814450		17.2	102.5	<0.002	0.01	1.91	11.3	<1	1.5	382	0.68	<0.05	14.1	0.257	1.08	3.1
N814451		21.0	97.0	<0.002	0.06	7.75	11.6	<1	1.8	292	0.74	<0.05	11.9	0.271	1.15	2.7
N814452		19.3	108.0	0.002	0.02	6.85	11.1	<1	1.5	339	0.69	<0.05	14.4	0.254	1.19	3.2
N814453		17.7	99.3	<0.002	0.01	2.89	11.4	<1	1.5	337	0.68	<0.05	13.7	0.260	1.04	3.7
N814454		19.1	115.0	<0.002	0.09	4.31	12.6	<1	1.7	290	0.75	<0.05	14.4	0.274	1.16	3.8
N814455		17.4	104.5	<0.002	0.14	13.40	11.1	<1	1.6	153.0	0.70	<0.05	14.1	0.257	1.36	3.5
N814456		1.4	0.9	<0.002	<0.01	0.10	0.1	<1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.04	0.8
N814457		15.2	99.7	<0.002	0.01	1.30	11.6	1	2.0	341	0.70	<0.05	13.9	0.269	0.93	3.7
N814458		15.6	93.6	<0.002	0.03	1.15	10.7	<1	2.1	335	0.61	<0.05	12.4	0.258	0.93	4.1
N814459		16.3	98.1	<0.002	0.01	1.21	11.6	<1	2.5	360	0.67	<0.05	12.7	0.265	0.85	4.0
N814460		15.4	95.0	<0.002	0.01	2.03	10.6	<1	4.0	335	0.68	<0.05	13.2	0.264	0.89	3.0
N814461		15.8	81.5	<0.002	0.03	5.34	10.6	<1	8.4	182.0	0.64	<0.05	11.5	0.256	1.07	2.1
N814462		14.5	85.2	<0.002	0.07	11.90	11.8	<1	8.8	117.5	0.73	<0.05	13.2	0.283	1.21	2.5
N814463		15.6	86.9	<0.002	0.01	5.91	10.7	<1	8.5	211	0.63	<0.05	11.0	0.257	0.96	2.0
N814464		15.7	80.5	<0.002	0.04	6.77	10.3	<1	2.8	193.0	0.70	<0.05	11.4	0.257	1.06	3.6
N814465		9.9	67.7	<0.002	0.10	13.40	8.5	<1	1.3	164.0	0.60	<0.05	11.1	0.201	1.20	4.3
N814466		1.8	2.5	<0.002	<0.01	0.13	0.3	<1	<0.2	42.8	<0.05	<0.05	0.2	<0.005	0.05	0.4
N814467		15.6	88.0	<0.002	0.02	3.05	9.1	<1	1.5	327	0.73	<0.05	10.5	0.232	1.03	3.6
N814468		10.6	124.0	<0.002	0.07	10.05	9.7	<1	1.5	169.0	0.64	<0.05	10.2	0.223	1.78	3.2
N814469		2810	173.0	<0.002	4.75	91.3	8.3	<1	8.2	97.3	0.51	0.33	11.3	0.176	2.52	5.6
N814470		15.7	96.9	<0.002	0.03	2.16	10.8	<1	1.4	349	0.65	<0.05	12.1	0.259	1.09	3.0
N814471		16.3	95.0	<0.002	0.05	2.51	10.4	<1	1.3	374	0.62	<0.05	11.5	0.270	1.29	3.2
N814472		38.5	89.4	<0.002	0.80	37.3	9.4	1	1.3	149.0	0.63	<0.05	10.9	0.238	1.97	4.8
N814473		16.9	85.9	<0.002	0.02	1.51	10.4	1	1.4	381	0.70	<0.05	10.5	0.273	1.08	3.6
N814474		17.6	96.5	0.003	0.01	0.72	11.0	1	1.4	401	0.69	<0.05	13.9	0.268	1.07	4.3





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**CERTIFICATE OF ANALYSIS WH12192026**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814439		77	0.9	15.5	46	28.8	<1
N814440		73	0.6	16.3	42	27.9	<1
N814441		76	0.6	18.2	42	33.7	<1
N814442		72	0.6	15.6	41	25.4	<1
N814443		77	0.7	17.7	45	31.1	<1
N814444		58	5.4	11.6	2820	38.8	9
N814445		78	0.6	19.7	48	32.6	<1
N814446		77	0.8	16.4	45	30.2	<1
N814447		76	0.7	17.6	48	30.5	<1
N814448		70	1.9	13.9	127	23.7	<1
N814449		70	0.7	15.6	51	28.3	<1
N814450		72	0.7	17.0	51	31.3	<1
N814451		75	2.3	15.8	60	31.7	<1
N814452		70	1.6	16.2	55	30.2	<1
N814453		74	0.9	16.8	46	30.5	<1
N814454		81	1.6	18.4	50	33.4	<1
N814455		73	3.9	15.6	44	29.0	<1
N814456		1	0.1	0.7	14	<0.5	<1
N814457		77	0.9	16.8	46	29.6	<1
N814458		73	0.8	15.5	43	25.9	<1
N814459		76	0.8	16.5	45	32.7	<1
N814460		75	1.4	14.8	42	27.4	<1
N814461		75	2.2	15.5	44	30.3	<1
N814462		81	2.8	16.3	47	32.0	<1
N814463		73	1.3	14.6	43	31.0	<1
N814464		71	1.7	15.6	43	31.2	<1
N814465		57	3.0	13.9	54	23.9	<1
N814466		2	0.1	0.8	16	0.5	<1
N814467		65	1.4	14.1	42	30.7	<1
N814468		67	1.5	12.8	53	20.5	<1
N814469		56	5.3	9.9	5080	25.5	25
N814470		70	1.1	14.4	54	24.2	<1
N814471		74	1.1	14.0	52	24.8	<1
N814472		67	2.7	13.3	86	25.3	3
N814473		76	0.7	15.3	51	27.8	<1
N814474		73	0.6	16.7	47	28.5	<1



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**CERTIFICATE OF ANALYSIS WH12192026**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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## CERTIFICATE WH12192028

Project: Klaza - 106

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
 J TARSWELL

HEATHER SMITH  
 MATT TURNER

JARED TARSWELL

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12192028**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355533		5.49	<0.005	0.07	7.21	7.6	2140	1.43	0.26	2.68	0.08	43.0	7.2	14	7.20	4.4
M355534		2.66	0.062	6.43	7.39	244	2110	1.43	0.37	2.70	4.29	44.0	6.8	11	8.67	22.1
M355535		3.55	<0.005	0.14	7.44	8.6	2250	1.49	0.31	2.55	0.10	46.7	6.6	12	6.67	4.8
M355536		7.61	<0.005	0.08	7.26	4.7	2250	1.48	0.18	2.80	0.07	45.2	7.5	14	5.55	5.5
M355537		2.96	<0.005	0.08	7.98	4.6	2330	1.56	0.27	3.28	0.10	49.4	10.2	10	6.61	9.9
M355538		5.44	<0.005	0.06	7.22	3.8	2160	1.65	0.13	2.67	0.05	51.3	8.6	11	9.13	20.7
M355539		0.30	2.26	24.2	5.74	2700	1880	1.56	19.70	2.17	77.5	42.0	11.3	16	14.40	435
M355540		7.32	<0.005	0.09	7.41	6.3	2020	1.68	0.22	2.85	0.12	47.3	8.5	14	7.41	5.9
M355541		6.06	<0.005	0.30	7.19	13.7	2300	1.65	0.22	2.69	0.40	46.5	8.4	12	8.87	46.5
M355542		2.11	0.283	11.55	6.21	1065	1040	1.41	5.58	3.07	1.04	44.3	34.7	11	10.70	73.4
M355543		3.57	<0.005	0.02	0.05	<5	20	0.05	0.02	20.4	0.09	1.23	1.5	<1	0.20	2.4
M355544		7.25	<0.005	0.10	7.00	6.9	2120	1.69	0.23	3.48	0.10	43.2	8.7	12	10.00	7.1
M355545		8.60	<0.005	0.06	7.66	5.2	2470	1.86	0.20	2.66	0.06	41.4	8.1	13	7.61	5.7
M355546		8.14	<0.005	0.06	7.37	4.8	2170	1.81	0.23	2.78	0.08	46.0	8.6	12	5.24	7.4
M355547		<0.02	<0.005	0.09	6.83	4.7	2020	1.54	0.29	2.63	0.08	44.1	8.6	12	5.20	5.1
M355548		8.85	<0.005	0.10	7.04	5.4	1960	1.45	0.65	2.21	0.06	44.4	7.7	13	5.39	2.9
M355549		7.68	<0.005	0.09	7.38	5.6	2230	1.53	0.57	2.52	0.09	47.8	9.3	15	6.26	3.7
M355550		7.93	<0.005	0.09	7.25	5.4	2350	1.54	0.41	2.45	0.07	41.5	8.4	13	6.78	3.1
M355551		7.77	<0.005	0.08	7.01	5.3	2340	1.40	0.23	2.60	0.07	41.1	8.1	12	6.44	5.3
M355552		3.37	<0.005	0.13	7.11	9.8	2260	1.37	0.26	2.68	0.08	43.5	7.0	12	7.76	12.5
M355553		1.61	<0.005	0.15	7.16	12.2	2280	1.47	0.28	2.80	0.10	44.2	7.4	10	8.24	13.7
M355554		2.36	0.056	1.05	6.65	175.0	2420	1.38	0.31	3.14	1.71	41.2	8.6	10	15.55	37.8
M355555		4.44	<0.005	0.11	7.19	6.5	1770	1.54	0.37	2.44	0.08	43.6	7.0	12	8.57	2.7
M355556		0.30	0.838	9.86	6.42	1805	910	1.36	6.99	1.88	41.2	43.4	16.6	19	16.20	107.0
M355557		7.07	<0.005	0.14	7.07	8.5	1480	1.49	0.45	2.35	0.16	43.2	6.8	11	6.90	1.7
M355558		3.64	<0.005	0.23	6.82	13.2	2050	1.33	0.50	2.72	0.83	39.4	12.8	9	11.55	8.2
M355559		2.88	0.013	0.96	4.26	12	2600	0.92	0.18	11.10	2.60	34.7	3.7	3	21.2	11.4
M355560		2.79	<0.005	0.03	0.07	<5	40	0.06	0.04	19.20	0.05	1.18	0.6	<1	0.16	1.6
M355561		2.69	<0.005	0.12	6.21	5.0	1570	1.00	0.30	2.61	0.09	35.3	4.8	9	11.05	3.9
M355562		5.07	<0.005	0.08	6.71	4.6	1920	1.23	0.33	2.62	0.10	42.8	7.4	12	8.20	5.0
M355563		4.12	<0.005	0.17	6.87	4.4	2110	1.44	0.32	2.84	0.10	35.6	8.7	11	7.32	3.0
M355564		2.50	<0.005	0.12	6.70	7.0	2230	1.47	0.37	2.99	0.13	37.0	12.4	10	9.52	5.0
M355565		6.27	<0.005	0.07	6.99	5.0	2240	1.34	0.24	2.62	0.10	43.5	8.2	13	6.40	5.5
M355566		1.97	0.008	0.38	7.06	18.9	2180	1.46	0.56	2.59	0.16	48.9	16.7	11	5.91	31.3
M355567		7.42	<0.005	0.08	6.98	5.2	2210	1.33	0.32	2.77	0.10	41.3	8.5	13	5.52	5.2
M355568		6.57	<0.005	0.06	7.07	3.9	2220	1.47	0.31	2.68	0.09	42.4	8.4	11	5.88	6.3



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355533		3.06	14.20	0.18	1.2	0.045	2.40	21.4	11.2	0.83	591	0.53	2.06	7.0	3.0	620
M355534		3.44	14.50	0.16	1.0	0.107	2.59	22.1	11.8	0.79	1060	0.54	1.48	6.7	3.1	620
M355535		3.16	14.40	0.17	1.0	0.046	2.49	23.0	14.4	0.90	554	0.53	2.11	7.0	3.0	610
M355536		3.16	14.35	0.16	1.1	0.042	2.38	21.3	13.0	0.91	665	0.65	2.18	7.2	3.1	630
M355537		3.83	15.15	0.19	1.4	0.050	2.20	25.7	14.4	1.30	941	0.65	2.40	6.7	4.0	890
M355538		3.10	17.40	0.12	1.1	0.046	2.46	27.6	16.3	0.85	553	1.79	2.02	8.3	3.2	630
M355539		6.42	15.55	0.15	0.9	1.760	2.64	24.2	25.8	0.88	1840	13.25	0.05	6.1	17.2	440
M355540		3.30	17.55	0.12	1.0	0.063	2.10	24.8	16.3	0.98	603	0.69	2.42	8.2	3.2	650
M355541		3.32	17.65	0.13	1.0	0.068	2.52	24.0	14.1	0.88	605	0.69	2.05	8.3	3.0	640
M355542		6.43	15.00	0.16	0.8	0.165	2.53	24.6	8.9	0.92	1500	1.40	0.66	6.7	3.7	500
M355543		0.44	0.33	0.06	<0.1	<0.005	0.02	0.6	1.0	12.65	195	0.12	<0.01	0.3	0.6	180
M355544		3.15	17.65	0.13	1.0	0.043	2.50	22.6	17.6	0.78	702	0.72	1.70	8.0	3.1	610
M355545		3.33	18.00	0.14	1.2	0.043	2.62	21.4	15.5	0.98	606	0.65	2.34	8.8	3.1	650
M355546		3.34	17.95	0.16	1.1	0.050	2.42	24.4	12.7	0.92	613	0.70	2.26	8.6	3.1	660
M355547		3.09	17.40	0.14	1.1	0.058	2.22	22.2	11.2	0.86	574	0.44	2.24	8.5	3.1	600
M355548		3.64	16.90	0.12	1.0	0.052	2.01	22.3	11.5	0.89	580	0.47	2.57	8.0	2.9	620
M355549		3.79	18.15	0.15	1.1	0.050	2.28	24.5	12.9	0.97	586	1.57	2.46	8.6	3.4	670
M355550		3.69	18.30	0.13	1.1	0.042	2.36	20.7	13.9	0.96	580	0.59	2.61	8.6	3.2	660
M355551		3.31	16.70	0.13	1.1	0.049	2.38	20.8	11.8	0.91	637	0.44	2.27	7.9	2.8	640
M355552		3.25	15.95	0.13	1.3	0.065	2.28	22.7	9.7	0.84	807	0.38	2.14	7.7	3.2	620
M355553		3.30	17.90	0.14	1.2	0.069	2.37	22.2	10.7	0.83	838	0.38	2.16	8.5	2.9	610
M355554		3.20	17.15	0.14	1.2	0.077	2.66	21.3	16.1	0.74	1550	0.62	0.86	8.2	2.8	570
M355555		3.57	16.80	0.15	1.1	0.059	1.90	23.3	14.0	0.88	716	0.49	2.53	8.2	2.8	610
M355556		5.22	15.40	0.15	1.4	0.936	2.82	22.5	22.9	0.69	1940	12.30	0.26	7.4	14.8	480
M355557		3.67	16.45	0.13	1.1	0.074	1.74	22.1	16.1	0.96	720	0.67	2.66	8.3	3.2	630
M355558		3.23	16.40	0.15	1.1	0.069	2.50	20.6	22.2	0.68	849	0.83	1.27	7.8	2.9	610
M355559		2.42	9.61	0.11	0.7	0.047	1.40	20.1	76.1	0.83	2310	0.29	0.09	4.6	1.5	350
M355560		0.43	0.23	0.11	<0.1	<0.005	0.03	0.6	1.4	11.60	174	<0.05	0.02	0.2	1.3	170
M355561		2.62	14.30	0.14	0.9	0.038	2.60	18.4	21.1	0.53	572	1.35	1.31	6.1	2.3	490
M355562		2.88	16.60	0.12	1.2	0.057	2.67	20.9	16.0	0.72	560	1.17	2.18	7.6	3.2	580
M355563		3.18	16.75	0.13	1.1	0.032	2.48	16.6	14.6	0.84	591	0.72	2.13	8.2	3.1	630
M355564		3.14	17.45	0.14	1.1	0.048	2.47	16.8	14.6	0.84	617	0.66	2.17	8.6	3.2	670
M355565		3.16	17.45	0.15	1.1	0.036	2.44	21.5	12.6	0.93	572	0.48	2.30	8.3	2.9	630
M355566		3.28	17.35	0.16	1.1	0.039	2.49	25.1	11.7	0.84	616	0.40	2.14	8.2	3.2	600
M355567		3.14	17.60	0.13	1.2	0.029	2.54	20.3	12.6	0.90	575	1.59	2.29	8.6	3.2	610
M355568		3.23	17.30	0.15	1.2	0.031	2.48	21.3	12.0	0.92	600	0.61	2.25	8.6	2.9	630



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Project: Klaza - 106

**CERTIFICATE OF ANALYSIS WH12192028**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M355533		15.0	90.6	<0.002	0.04	2.19	10.8	1	1.6	376	0.57	<0.05	10.9	0.273	3.2
M355534		268	119.0	<0.002	0.81	18.60	11.0	1	2.0	309	0.50	<0.05	9.3	0.271	2.8
M355535		14.0	98.0	<0.002	0.10	1.54	10.7	1	1.7	392	0.56	<0.05	11.1	0.266	3.1
M355536		14.1	84.9	<0.002	0.01	1.25	10.6	<1	1.6	393	0.59	<0.05	11.4	0.282	3.3
M355537		14.0	87.7	<0.002	0.01	0.94	14.1	1	1.7	445	0.52	<0.05	11.6	0.343	3.0
M355538		13.7	87.9	<0.002	0.01	1.77	12.9	2	1.7	370	0.67	<0.05	12.8	0.272	3.1
M355539		2830	158.0	0.002	4.63	88.0	9.6	2	7.7	87.6	0.51	0.40	11.6	0.179	5.5
M355540		14.6	77.4	<0.002	0.01	2.44	13.5	2	2.6	426	0.67	<0.05	12.2	0.289	3.4
M355541		26.5	88.0	<0.002	0.08	3.72	13.2	2	1.8	411	0.66	<0.05	12.0	0.281	3.1
M355542		398	133.5	<0.002	4.40	46.3	11.1	3	2.9	181.5	0.50	5.29	11.3	0.220	4.5
M355543		2.3	1.4	<0.002	<0.01	0.09	0.4	2	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	0.6
M355544		17.2	79.7	<0.002	0.02	4.43	12.7	1	1.6	370	0.70	<0.05	11.4	0.269	3.5
M355545		14.7	97.5	<0.002	0.01	1.45	13.4	2	1.8	449	0.80	<0.05	12.3	0.284	4.2
M355546		15.2	82.9	<0.002	0.02	1.38	13.9	2	2.0	419	0.73	<0.05	12.1	0.283	4.2
M355547		15.4	86.0	0.002	0.01	1.41	12.0	<1	2.1	396	0.69	<0.05	11.1	0.277	3.8
M355548		15.5	80.7	0.002	0.01	2.55	11.1	<1	4.1	403	0.63	<0.05	10.9	0.286	3.7
M355549		14.7	101.5	0.002	<0.01	2.93	12.5	1	4.3	425	0.67	<0.05	11.0	0.301	3.8
M355550		15.9	88.4	<0.002	0.01	2.33	11.4	<1	4.2	440	0.69	<0.05	10.2	0.299	3.6
M355551		14.7	84.7	<0.002	0.03	1.75	10.9	<1	2.8	402	0.62	<0.05	9.5	0.290	3.1
M355552		14.8	89.0	0.002	0.11	2.78	11.1	<1	2.6	349	0.65	<0.05	13.0	0.275	4.4
M355553		15.4	90.1	<0.002	0.13	3.11	11.2	1	2.8	356	0.64	<0.05	11.7	0.278	4.0
M355554		77.6	122.5	0.004	0.48	15.10	10.9	<1	2.6	223	0.63	<0.05	11.0	0.273	4.1
M355555		14.7	85.5	<0.002	0.04	2.68	11.3	<1	3.5	356	0.72	<0.05	13.1	0.285	4.1
M355556		1395	150.5	<0.002	2.99	34.9	8.5	1	5.9	140.5	0.59	0.24	11.2	0.216	5.0
M355557		15.2	72.7	0.002	0.01	2.72	10.5	1	3.5	327	0.67	<0.05	10.7	0.286	3.5
M355558		36.2	92.7	0.002	0.17	5.35	10.6	<1	2.1	267	0.63	<0.05	10.1	0.269	3.6
M355559		421	72.9	0.002	0.22	17.90	6.9	1	1.4	329	0.37	<0.05	7.1	0.162	6.6
M355560		2.0	1.2	0.003	<0.01	0.12	0.2	<1	0.2	39.5	<0.05	<0.05	<0.2	<0.005	0.5
M355561		15.1	87.1	0.002	0.02	3.84	7.9	1	1.4	234	0.45	<0.05	10.7	0.239	2.4
M355562		14.6	96.1	0.005	0.01	2.16	10.2	<1	1.6	335	0.53	<0.05	14.8	0.260	3.1
M355563		13.9	78.7	<0.002	0.02	2.12	10.5	<1	1.7	406	0.65	<0.05	8.2	0.290	3.1
M355564		14.7	83.2	0.003	0.04	4.58	11.0	1	1.8	392	0.65	<0.05	8.7	0.298	3.6
M355565		14.1	83.8	0.003	0.01	1.72	11.1	<1	1.8	446	0.62	<0.05	10.1	0.285	3.4
M355566		20.8	102.5	0.002	0.35	14.60	11.4	1	1.9	390	0.69	<0.05	11.9	0.276	3.7
M355567		14.8	86.9	0.003	0.01	2.18	11.3	<1	1.9	411	0.65	<0.05	10.7	0.292	3.9
M355568		15.1	89.8	0.003	0.02	1.56	11.4	<1	1.9	410	0.71	<0.05	12.0	0.290	4.6



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**CERTIFICATE OF ANALYSIS WH12192028**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355533		76	0.8	14.9	43	25.5	<1
M355534		75	2.6	14.2	543	21.7	6
M355535		74	0.9	15.1	42	22.9	<1
M355536		80	0.5	15.3	43	23.6	<1
M355537		113	2.1	17.3	57	28.3	<1
M355538		74	0.9	16.0	39	26.6	<1
M355539		54	5.4	9.8	5430	25.2	26
M355540		81	1.4	17.5	46	23.5	<1
M355541		79	1.8	16.8	82	25.1	<1
M355542		62	5.2	14.3	137	20.9	11
M355543		2	0.1	0.8	15	<0.5	<1
M355544		76	1.9	17.6	50	23.9	<1
M355545		77	0.9	18.2	41	28.2	<1
M355546		78	1.0	17.3	42	26.1	<1
M355547		77	0.9	16.2	40	27.6	<1
M355548		77	2.3	14.0	46	23.5	<1
M355549		83	13.6	16.0	48	26.2	<1
M355550		86	1.3	15.1	48	26.2	<1
M355551		81	1.5	14.4	46	25.6	<1
M355552		78	1.3	15.3	48	28.5	<1
M355553		78	1.4	15.7	50	27.8	<1
M355554		75	3.7	14.2	165	28.7	1
M355555		75	2.5	14.9	57	25.4	<1
M355556		60	5.0	10.5	3100	40.8	9
M355557		77	2.4	13.4	61	27.1	<1
M355558		74	2.1	14.2	99	25.1	<1
M355559		50	1.5	21.3	211	14.3	1
M355560		2	0.1	0.8	13	<0.5	<1
M355561		66	1.6	9.9	46	24.4	<1
M355562		73	1.1	13.4	43	32.5	<1
M355563		80	7.1	14.4	44	26.8	<1
M355564		89	1.7	15.1	47	26.3	<1
M355565		81	1.2	15.8	41	26.6	<1
M355566		75	1.2	16.1	49	24.4	<1
M355567		81	18.3	16.1	42	26.5	<1
M355568		83	1.2	16.1	43	27.5	<1



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**CERTIFICATE OF ANALYSIS WH12192028**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12192029**

Project: Klaza

P.O. No.:

This report is for 224 Soil samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12192029**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50501		0.16	0.023	0.5	2.85	17	<10	260	0.9	2	0.35	<0.5	15	28	41	3.68
ZZ50502		0.22	0.052	0.2	1.94	31	<10	200	0.6	2	0.28	<0.5	9	17	22	3.72
ZZ50503		0.17	0.027	<0.2	1.72	18	<10	130	0.5	2	0.32	<0.5	10	22	21	2.85
ZZ50504		0.16	0.008	<0.2	1.83	8	<10	170	0.5	2	0.31	<0.5	9	25	21	2.54
ZZ50505		0.20	0.008	0.2	1.94	14	<10	120	0.5	2	0.23	<0.5	7	23	20	2.44
ZZ50506		0.23	0.008	<0.2	1.45	15	<10	140	0.6	3	0.35	<0.5	11	21	19	3.33
ZZ50507		0.11	0.017	0.8	1.15	39	<10	100	0.6	3	0.20	0.9	10	19	22	3.04
ZZ50508		0.11	0.015	0.7	1.87	19	<10	160	0.5	2	0.25	<0.5	8	25	23	2.85
ZZ50509		0.14	<0.005	0.3	1.77	11	<10	170	<0.5	2	0.30	<0.5	9	24	17	2.64
ZZ50510		0.08	0.014	0.3	1.93	15	<10	270	0.5	<2	0.36	<0.5	11	26	23	2.76
ZZ50511		0.17	0.007	<0.2	1.80	13	<10	260	<0.5	<2	0.50	<0.5	12	25	20	3.18
ZZ50512		0.07	NSS	0.6	0.85	7	<10	140	<0.5	<2	0.72	<0.5	2	10	23	1.13
ZZ50513		0.15	NSS	0.3	1.42	13	<10	200	<0.5	<2	0.48	<0.5	9	22	22	2.76
ZZ50514		0.14	0.006	0.7	1.49	18	<10	240	<0.5	<2	0.39	<0.5	5	18	32	2.05
ZZ50515		0.12	0.024	1.4	2.30	31	<10	320	<0.5	<2	0.56	<0.5	4	22	33	2.23
ZZ50516		0.13	0.007	0.9	1.39	16	<10	200	<0.5	<2	0.37	<0.5	7	14	19	1.84
ZZ50517		0.11	0.009	0.7	1.75	6	<10	290	<0.5	<2	0.46	0.5	7	19	27	1.41
ZZ50518		0.12	0.035	1.1	1.58	28	<10	280	<0.5	<2	0.57	<0.5	5	18	21	1.78
ZZ50519		0.09	0.007	0.6	1.59	18	<10	320	<0.5	<2	0.61	<0.5	7	19	22	2.02
ZZ50520		0.22	0.023	0.4	1.25	28	<10	170	<0.5	<2	0.40	<0.5	7	20	24	2.48
ZZ50521		0.12	0.055	1.2	1.52	19	<10	190	<0.5	<2	0.50	<0.5	7	21	31	2.16
ZZ50522		0.09	NSS	0.2	0.98	11	<10	270	0.6	<2	1.11	0.6	43	8	26	12.50
ZZ50523		0.20	<0.005	<0.2	0.99	5	<10	140	<0.5	<2	0.34	<0.5	4	14	12	1.63
ZZ50527		0.19	0.005	0.4	0.42	6	<10	60	<0.5	<2	0.35	<0.5	3	4	11	1.24
ZZ50528		0.39	0.129	0.2	1.01	16	<10	170	<0.5	<2	0.35	<0.5	6	17	20	2.09
ZZ50529		0.24	0.097	1.3	1.13	62	<10	350	0.6	3	0.65	<0.5	6	18	39	2.43
ZZ50530		0.32	0.026	0.3	1.37	47	<10	260	<0.5	2	0.57	<0.5	7	19	55	2.51
ZZ50531		0.19	0.052	1.4	1.23	40	<10	360	<0.5	2	1.19	0.9	7	14	71	2.59
ZZ50532		0.24	0.017	1.7	1.02	8	<10	170	<0.5	<2	0.19	0.5	5	16	23	1.76
ZZ50533		0.33	0.007	0.5	1.64	13	<10	110	<0.5	<2	0.17	<0.5	7	24	17	2.27
ZZ50534		0.27	0.010	0.9	1.91	15	<10	120	0.5	<2	0.17	<0.5	7	25	22	2.34
ZZ50535		0.37	<0.005	0.7	1.64	16	<10	110	<0.5	<2	0.15	0.6	6	24	16	2.57
ZZ50536		0.34	0.019	0.7	1.10	11	<10	120	<0.5	<2	0.22	<0.5	6	20	18	1.77
ZZ50537		0.21	0.034	2.2	1.55	15	<10	270	<0.5	<2	0.16	<0.5	4	15	40	2.07
ZZ50538		0.18	0.011	0.2	1.14	12	<10	190	<0.5	<2	0.31	<0.5	4	14	21	1.70
ZZ50539		0.50	0.014	0.3	1.33	11	<10	260	<0.5	<2	0.57	<0.5	7	16	29	2.07
ZZ50540		0.26	0.006	0.2	1.24	11	<10	180	<0.5	<2	0.45	<0.5	6	16	34	2.10
ZZ50541		0.29	0.129	0.9	1.78	15	<10	300	<0.5	<2	0.36	<0.5	5	15	77	2.15
ZZ50542		0.21	0.071	1.9	1.57	108	<10	320	<0.5	<2	0.34	0.9	6	21	17	2.39
ZZ50543		0.36	0.014	0.8	1.33	33	<10	200	<0.5	<2	0.30	<0.5	7	18	12	1.79



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**CERTIFICATE OF ANALYSIS WH12192029**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	Hg-CV41 Hg ppm 0.01	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50501		10	0.08	0.10	20	0.56	636	1	0.02	15	980	28	0.05	3	7	33
ZZ50502		10	0.08	0.10	20	0.61	357	1	0.02	9	440	55	0.01	2	7	23
ZZ50503		<10	0.03	0.08	20	0.49	406	<1	0.02	12	620	17	0.02	<2	6	21
ZZ50504		<10	0.04	0.07	20	0.58	224	<1	0.02	13	530	17	0.02	<2	5	21
ZZ50505		<10	0.08	0.08	10	0.42	248	1	0.02	14	680	17	0.04	<2	3	18
ZZ50506		<10	0.05	0.16	20	0.55	611	1	0.02	11	700	22	0.01	2	5	26
ZZ50507		<10	0.04	0.09	10	0.33	1160	1	0.01	11	530	147	0.05	6	3	27
ZZ50508		10	0.07	0.09	10	0.46	434	1	0.01	14	460	60	0.02	4	3	23
ZZ50509		10	0.06	0.10	10	0.59	621	1	0.02	13	410	24	0.02	2	4	27
ZZ50510		10	0.01	0.10	10	0.67	434	<1	0.02	14	570	19	0.03	<2	4	32
ZZ50511		10	<0.01	0.09	10	0.87	497	<1	0.02	13	520	16	0.02	<2	4	40
ZZ50512		<10	0.08	0.05	10	0.20	76	<1	0.02	5	900	4	0.12	<2	1	58
ZZ50513		<10	0.08	0.09	10	0.72	416	<1	0.02	12	690	24	0.01	<2	5	35
ZZ50514		<10	0.04	0.06	10	0.48	137	<1	0.02	9	620	22	0.05	3	4	32
ZZ50515		10	0.14	0.08	10	0.43	114	<1	0.02	11	840	34	0.08	2	5	47
ZZ50516		<10	0.04	0.06	10	0.34	350	<1	0.02	7	510	18	0.04	3	3	32
ZZ50517		10	0.05	0.06	10	0.44	216	<1	0.02	9	630	22	0.07	<2	4	39
ZZ50518		<10	0.11	0.06	10	0.39	205	<1	0.01	8	740	14	0.05	2	5	45
ZZ50519		<10	0.07	0.07	10	0.40	465	<1	0.02	11	870	12	0.07	<2	3	50
ZZ50520		<10	0.02	0.08	10	0.52	416	<1	0.02	9	520	11	<0.01	4	5	27
ZZ50521		<10	0.08	0.07	20	0.49	292	<1	0.01	9	740	10	0.04	<2	6	35
ZZ50522		<10	0.05	0.02	20	0.08	3270	1	0.02	1	960	<2	0.12	2	3	96
ZZ50523		<10	0.02	0.04	10	0.29	150	<1	0.01	6	670	10	0.03	3	2	24
ZZ50527		<10	0.01	0.02	10	0.08	162	<1	0.03	3	650	2	0.01	2	1	18
ZZ50528		<10	<0.01	0.05	10	0.37	274	<1	0.02	10	370	9	0.01	2	3	22
ZZ50529		<10	0.19	0.05	20	0.31	392	1	0.02	10	950	18	0.06	2	4	43
ZZ50530		10	0.10	0.08	20	0.50	400	<1	0.01	9	530	9	0.01	4	5	34
ZZ50531		<10	0.14	0.06	20	0.36	523	1	0.02	9	870	14	0.07	3	3	66
ZZ50532		<10	0.07	0.05	10	0.21	447	<1	0.02	6	630	16	0.02	<2	2	19
ZZ50533		<10	<0.01	0.07	10	0.39	291	<1	0.01	12	530	20	<0.01	4	3	15
ZZ50534		<10	0.02	0.08	10	0.39	244	<1	0.02	14	430	22	0.01	<2	3	16
ZZ50535		10	<0.01	0.07	10	0.34	404	<1	0.01	12	290	17	<0.01	2	2	14
ZZ50536		<10	0.06	0.05	10	0.33	481	<1	0.01	9	630	27	0.03	2	2	19
ZZ50537		<10	0.14	0.07	10	0.21	144	<1	0.02	7	830	38	0.04	3	2	18
ZZ50538		<10	0.02	0.05	10	0.27	254	<1	0.02	7	650	7	0.03	2	3	26
ZZ50539		<10	0.04	0.06	10	0.37	369	<1	0.02	9	720	7	0.04	3	3	74
ZZ50540		<10	0.01	0.05	10	0.35	414	<1	0.02	8	590	6	0.04	3	3	63
ZZ50541		10	0.12	0.08	10	0.42	134	2	0.02	8	690	32	0.04	5	4	36
ZZ50542		<10	0.06	0.08	10	0.36	442	<1	0.01	8	680	164	0.02	4	4	22
ZZ50543		<10	0.01	0.07	10	0.37	374	<1	0.01	8	610	63	0.01	2	3	19



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ50501		<20	0.04	<10	<10	69	<10	89
ZZ50502		<20	0.05	<10	<10	73	<10	119
ZZ50503		<20	0.06	<10	<10	57	<10	61
ZZ50504		<20	0.08	<10	<10	56	<10	57
ZZ50505		<20	0.05	<10	<10	47	<10	46
ZZ50506		<20	0.09	<10	<10	54	<10	65
ZZ50507		<20	0.05	<10	<10	40	<10	135
ZZ50508		<20	0.06	<10	<10	52	<10	81
ZZ50509		<20	0.08	<10	<10	63	<10	71
ZZ50510		<20	0.08	<10	<10	70	<10	64
ZZ50511		<20	0.13	<10	<10	97	<10	83
ZZ50512		<20	0.03	<10	<10	21	<10	27
ZZ50513		<20	0.11	<10	<10	83	<10	64
ZZ50514		<20	0.06	<10	<10	52	<10	66
ZZ50515		<20	0.05	<10	<10	60	<10	79
ZZ50516		<20	0.05	<10	<10	43	<10	62
ZZ50517		<20	0.06	<10	<10	36	<10	68
ZZ50518		<20	0.05	<10	<10	45	<10	64
ZZ50519		<20	0.04	<10	<10	43	<10	62
ZZ50520		<20	0.09	<10	<10	66	<10	66
ZZ50521		<20	0.06	<10	<10	52	<10	70
ZZ50522		<20	0.02	<10	<10	28	<10	20
ZZ50523		<20	0.04	<10	<10	35	<10	52
ZZ50527		<20	0.06	<10	<10	40	<10	28
ZZ50528		<20	0.07	<10	<10	53	<10	67
ZZ50529		<20	0.04	<10	<10	42	<10	68
ZZ50530		<20	0.05	<10	<10	49	<10	55
ZZ50531		<20	0.04	<10	<10	43	<10	102
ZZ50532		<20	0.05	<10	<10	46	<10	64
ZZ50533		<20	0.07	<10	<10	47	<10	73
ZZ50534		<20	0.07	<10	<10	46	<10	99
ZZ50535		<20	0.07	<10	<10	58	<10	126
ZZ50536		<20	0.05	<10	<10	37	<10	74
ZZ50537		<20	0.02	<10	<10	40	<10	72
ZZ50538		<20	0.04	<10	<10	42	<10	43
ZZ50539		<20	0.04	<10	<10	50	<10	41
ZZ50540		<20	0.05	<10	<10	47	<10	38
ZZ50541		<20	0.05	<10	<10	48	<10	60
ZZ50542		<20	0.04	<10	<10	52	<10	183
ZZ50543		<20	0.06	<10	<10	42	<10	101



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50544		0.44	0.008	<0.2	1.49	67	<10	180	<0.5	<2	0.29	<0.5	7	22	13	2.54
ZZ50545		0.59	0.029	0.9	1.40	35	<10	360	<0.5	<2	0.38	0.5	7	14	20	2.22
ZZ50546		0.53	<0.005	<0.2	0.85	19	<10	160	<0.5	<2	0.24	<0.5	10	15	32	1.85
ZZ50547		0.67	0.013	<0.2	1.27	11	<10	160	<0.5	<2	0.24	<0.5	8	18	18	2.34
ZZ50548		0.43	<0.005	<0.2	1.49	11	<10	220	<0.5	<2	0.22	<0.5	7	24	22	2.06
ZZ50549		0.53	0.013	0.3	1.85	14	<10	320	0.5	<2	0.22	0.7	12	25	36	3.04
ZZ50550		0.26	0.006	0.2	1.32	13	<10	230	<0.5	<2	0.21	<0.5	5	17	22	2.25
ZZ50551		0.25	0.103	2.5	1.67	21	<10	360	<0.5	2	0.34	1.7	4	13	372	2.32
ZZ50552		0.18	0.014	1.3	0.86	6	<10	110	<0.5	<2	0.16	<0.5	2	9	99	1.31
ZZ50553		0.39	0.033	0.5	0.51	6	<10	140	<0.5	<2	0.20	<0.5	3	5	136	1.27
ZZ50554		0.34	0.024	<0.2	1.12	22	<10	140	<0.5	<2	0.27	<0.5	7	19	121	2.56
ZZ50555		0.41	0.028	1.9	0.77	7	<10	340	<0.5	<2	0.35	0.6	3	8	146	1.42
ZZ50556		0.40	0.015	0.9	0.99	9	<10	180	<0.5	<2	0.22	<0.5	5	13	104	2.14
ZZ50557		0.45	0.053	0.4	1.81	21	<10	390	0.5	<2	0.33	0.6	12	19	361	3.78
ZZ50558		0.28	0.024	0.6	1.29	23	<10	320	<0.5	2	0.22	0.6	7	14	224	2.94
ZZ50559		0.31	0.092	2.9	1.23	47	<10	470	0.5	4	0.36	0.8	7	11	263	3.17
ZZ50560		0.38	0.110	2.0	1.86	51	<10	570	0.6	2	0.40	1.4	7	18	238	3.27
ZZ50561		0.35	0.053	1.3	1.50	20	<10	380	0.5	<2	0.60	0.7	6	16	133	2.18
ZZ50562		0.34	0.052	0.9	1.61	24	<10	410	0.5	<2	0.38	<0.5	6	18	86	2.55
ZZ50563		0.44	0.080	0.5	1.57	42	<10	350	0.5	<2	0.35	<0.5	9	17	156	3.11
ZZ50564		0.41	0.042	0.8	1.36	9	<10	340	<0.5	<2	0.48	0.5	5	16	49	1.81
ZZ50565		0.25	0.016	0.9	1.63	13	<10	300	<0.5	<2	0.54	<0.5	7	20	61	2.49
ZZ50566		0.37	0.013	0.2	1.36	11	<10	180	<0.5	<2	0.43	<0.5	6	19	51	2.30
ZZ50567		0.39	0.011	<0.2	1.25	12	<10	180	<0.5	<2	0.37	<0.5	6	21	21	2.27
ZZ50568		0.33	0.028	0.5	1.14	16	<10	220	<0.5	2	0.26	<0.5	6	18	24	2.14
ZZ50569		0.37	0.045	1.3	1.42	22	<10	330	0.6	2	0.26	0.6	7	18	59	2.74
ZZ50570		0.25	0.031	1.3	1.07	9	<10	100	<0.5	2	0.16	0.5	7	14	23	1.75
ZZ50571		0.23	0.060	1.1	0.59	26	<10	60	<0.5	3	0.10	<0.5	4	10	35	1.92
ZZ50572		0.25	0.005	0.3	0.54	4	<10	50	<0.5	<2	0.09	<0.5	3	8	17	1.51
ZZ50573		0.33	0.005	1.0	2.07	13	<10	100	0.5	<2	0.15	<0.5	7	30	14	2.63
ZZ50574		0.21	<0.005	0.4	0.29	<2	<10	30	<0.5	<2	0.06	<0.5	2	3	3	0.58
ZZ50575		0.38	<0.005	0.3	0.33	4	<10	20	<0.5	<2	0.04	<0.5	2	4	4	0.91
ZZ50576		0.28	0.051	0.7	0.83	34	<10	80	<0.5	<2	0.19	1.0	4	15	23	1.88
ZZ50577		0.31	0.037	1.2	1.57	20	<10	250	0.6	<2	0.36	0.8	3	22	48	1.80
ZZ50578		0.33	0.057	0.9	1.66	43	<10	310	0.5	6	0.58	<0.5	10	21	87	3.17
ZZ50579		0.27	0.041	0.5	1.20	49	<10	170	<0.5	5	0.38	<0.5	6	17	40	2.25
ZZ50580		0.34	0.076	0.7	1.25	82	<10	230	<0.5	4	0.48	<0.5	6	21	41	2.88
ZZ50581		0.21	<0.005	0.3	0.39	5	<10	90	<0.5	<2	0.62	<0.5	5	5	12	1.04
ZZ50582		0.37	0.014	<0.2	1.11	24	<10	110	<0.5	<2	0.36	<0.5	7	18	22	2.17
ZZ50583		0.31	0.010	0.6	1.54	30	<10	190	<0.5	2	0.75	<0.5	10	22	38	3.07



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Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	Hg-CV41 Hg ppm 0.01	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50544		10	<0.01	0.09	10	0.43	463	<1	0.01	10	390	48	<0.01	<2	3	21
ZZ50545		<10	0.06	0.07	10	0.31	1565	4	0.02	8	800	36	0.06	2	3	34
ZZ50546		<10	0.02	0.06	10	0.28	935	4	0.01	8	460	17	<0.01	<2	3	20
ZZ50547		<10	0.01	0.09	10	0.54	487	3	0.01	13	550	25	0.03	<2	4	18
ZZ50548		<10	0.02	0.09	10	0.52	302	1	0.01	13	480	25	0.03	<2	4	19
ZZ50549		10	0.02	0.10	10	0.52	2030	1	0.01	14	620	26	0.04	<2	6	20
ZZ50550		10	0.02	0.07	10	0.28	336	2	0.02	7	480	16	0.03	<2	3	20
ZZ50551		<10	0.14	0.10	20	0.24	202	5	0.02	7	680	109	0.06	3	4	32
ZZ50552		<10	0.02	0.04	10	0.14	84	2	0.03	4	470	18	0.04	2	1	18
ZZ50553		<10	0.02	0.04	10	0.11	106	2	0.03	2	570	14	0.04	<2	2	21
ZZ50554		<10	<0.01	0.07	10	0.48	328	4	0.01	10	430	23	0.02	<2	3	27
ZZ50555		<10	0.06	0.05	10	0.15	205	3	0.03	4	910	9	0.07	<2	3	50
ZZ50556		<10	0.01	0.06	10	0.27	143	3	0.02	7	400	16	0.02	<2	2	22
ZZ50557		10	<0.01	0.16	20	0.86	407	17	0.01	11	930	47	0.02	3	7	24
ZZ50558		10	<0.01	0.07	10	0.40	248	23	0.01	7	580	33	0.02	4	3	21
ZZ50559		<10	0.16	0.11	20	0.27	618	33	0.02	8	1010	107	0.12	10	4	51
ZZ50560		<10	0.23	0.11	20	0.48	301	10	0.01	10	900	80	0.05	4	6	47
ZZ50561		<10	0.14	0.07	20	0.42	220	3	0.02	9	770	62	0.06	2	4	90
ZZ50562		<10	0.11	0.07	20	0.37	331	3	0.01	10	940	31	0.06	2	4	47
ZZ50563		<10	0.03	0.09	20	0.58	328	6	0.01	9	640	58	0.03	5	5	35
ZZ50564		<10	0.12	0.07	10	0.38	177	1	0.02	8	670	14	0.07	<2	3	63
ZZ50565		<10	0.07	0.06	10	0.42	284	1	0.02	10	780	10	0.07	<2	4	59
ZZ50566		<10	0.02	0.06	10	0.39	218	1	0.02	13	650	8	0.06	<2	4	67
ZZ50567		<10	<0.01	0.07	10	0.49	270	<1	0.02	10	520	7	0.03	<2	4	32
ZZ50568		<10	0.03	0.06	10	0.35	415	1	0.02	8	620	23	0.04	<2	2	22
ZZ50569		<10	0.12	0.08	20	0.31	598	1	0.02	9	710	37	0.06	2	4	31
ZZ50570		<10	0.04	0.05	10	0.23	755	<1	0.02	6	550	33	0.03	<2	1	14
ZZ50571		<10	0.06	0.04	10	0.07	473	1	0.01	4	550	26	0.05	5	1	12
ZZ50572		<10	<0.01	0.02	<10	0.08	162	1	0.01	3	530	11	0.03	<2	1	11
ZZ50573		10	0.02	0.07	10	0.42	286	1	0.01	15	380	13	0.02	<2	3	15
ZZ50574		<10	<0.01	0.03	<10	0.04	93	<1	0.04	1	190	<2	0.02	<2	<1	10
ZZ50575		<10	<0.01	0.03	<10	0.04	68	<1	0.03	1	210	9	0.02	<2	<1	8
ZZ50576		<10	0.01	0.06	10	0.25	363	1	0.02	7	590	100	0.05	2	2	21
ZZ50577		<10	0.22	0.07	20	0.32	138	<1	0.02	9	880	36	0.07	<2	6	30
ZZ50578		10	0.11	0.10	20	0.67	406	1	0.02	8	820	17	0.05	2	6	36
ZZ50579		<10	0.06	0.06	10	0.41	216	1	0.02	7	440	13	0.03	2	3	26
ZZ50580		<10	0.09	0.07	20	0.47	341	1	0.02	10	720	15	0.06	2	4	36
ZZ50581		<10	0.04	0.02	<10	0.10	205	<1	0.04	3	620	5	0.05	<2	1	40
ZZ50582		<10	0.01	0.08	10	0.52	305	<1	0.01	11	550	12	0.01	<2	3	23
ZZ50583		10	0.15	0.05	10	0.53	460	<1	0.02	10	850	14	0.07	<2	5	46



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ50544		<20	0.10	<10	<10	63	<10	130
ZZ50545		<20	0.02	<10	<10	42	<10	145
ZZ50546		<20	0.03	<10	<10	34	<10	55
ZZ50547		<20	0.07	<10	<10	53	<10	78
ZZ50548		<20	0.06	<10	<10	49	<10	69
ZZ50549		<20	0.05	<10	<10	55	<10	100
ZZ50550		<20	0.06	<10	<10	57	<10	60
ZZ50551		<20	0.02	<10	<10	40	<10	185
ZZ50552		<20	0.04	<10	<10	36	<10	44
ZZ50553		<20	0.04	<10	<10	30	<10	43
ZZ50554		<20	0.06	<10	<10	51	<10	76
ZZ50555		<20	0.04	<10	<10	38	<10	58
ZZ50556		<20	0.06	<10	<10	59	<10	57
ZZ50557		<20	0.08	<10	<10	82	<10	106
ZZ50558		<20	0.04	<10	<10	63	<10	81
ZZ50559		<20	0.02	<10	<10	43	<10	117
ZZ50560		<20	0.03	<10	<10	56	<10	202
ZZ50561		<20	0.04	<10	<10	42	<10	116
ZZ50562		<20	0.04	<10	<10	50	<10	82
ZZ50563		<20	0.06	<10	<10	67	<10	79
ZZ50564		<20	0.04	<10	<10	38	<10	68
ZZ50565		<20	0.04	<10	<10	53	<10	47
ZZ50566		<20	0.05	<10	<10	55	<10	46
ZZ50567		<20	0.07	<10	<10	51	<10	41
ZZ50568		<20	0.04	<10	<10	39	<10	64
ZZ50569		<20	0.03	<10	<10	44	<10	87
ZZ50570		<20	0.04	<10	<10	36	<10	73
ZZ50571		<20	0.05	<10	<10	45	<10	83
ZZ50572		<20	0.06	<10	<10	48	<10	34
ZZ50573		<20	0.09	<10	<10	57	<10	75
ZZ50574		<20	0.03	<10	<10	19	<10	9
ZZ50575		<20	0.04	<10	<10	28	<10	22
ZZ50576		<20	0.05	<10	<10	33	<10	172
ZZ50577		<20	0.04	<10	<10	49	<10	116
ZZ50578		<20	0.06	<10	<10	59	<10	101
ZZ50579		<20	0.05	<10	<10	47	<10	63
ZZ50580		<20	0.05	<10	<10	50	<10	75
ZZ50581		<20	0.04	<10	<10	30	<10	28
ZZ50582		<20	0.08	<10	<10	48	<10	72
ZZ50583		<20	0.08	<10	<10	71	<10	86



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**CERTIFICATE OF ANALYSIS WH12192029**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50584		0.40	0.044	1.6	2.43	139	<10	250	0.6	11	0.46	0.6	12	35	106	4.36
ZZ50585		0.25	0.028	1.8	1.71	67	<10	210	<0.5	3	0.49	<0.5	8	22	44	2.69
ZZ50586		0.28	0.029	1.7	1.47	42	<10	230	<0.5	4	0.80	1.4	8	21	72	2.47
ZZ50587		0.38	0.019	0.3	1.67	38	<10	160	<0.5	3	0.54	0.9	12	20	23	3.25
ZZ50588		0.42	<0.005	0.3	0.46	4	<10	30	<0.5	<2	0.28	0.6	3	6	12	1.17
ZZ50589		0.24	0.010	1.8	1.24	20	<10	140	<0.5	<2	0.72	2.0	9	16	32	1.82
ZZ50590		0.30	0.099	6.2	1.56	56	<10	210	0.5	<2	0.76	1.9	4	16	43	2.27
ZZ50591		0.26	0.046	4.1	1.73	74	<10	220	0.5	<2	0.59	2.9	10	22	41	3.15
ZZ50592		0.22	0.016	1.1	0.80	15	<10	240	<0.5	<2	1.16	6.1	4	11	28	1.39
ZZ50593		0.28	<0.005	0.3	0.43	3	<10	130	<0.5	<2	0.63	<0.5	3	5	13	0.88
ZZ50594		0.13	0.008	1.3	0.71	11	<10	130	<0.5	<2	0.67	0.7	4	9	18	1.41
ZZ50595		0.25	0.007	1.6	0.95	9	<10	190	<0.5	<2	0.64	<0.5	4	12	24	1.28
ZZ50596		0.29	<0.005	0.7	0.78	10	<10	80	<0.5	<2	0.36	0.8	5	10	16	1.22
ZZ50597		0.22	<0.005	0.9	0.89	11	<10	120	<0.5	<2	0.52	0.9	6	12	22	1.19
ZZ50598		0.31	0.015	1.7	1.58	26	<10	200	0.5	<2	1.04	1.7	9	23	45	2.28
ZZ50599		0.39	0.018	0.3	1.12	9	<10	120	<0.5	<2	0.56	0.6	6	16	26	1.63
ZZ50600		0.15	<0.005	0.6	0.51	7	<10	50	<0.5	<2	0.32	<0.5	2	6	15	0.84
ZZ50621		0.25	0.030	0.7	1.55	15	<10	120	<0.5	<2	0.23	<0.5	7	22	25	2.45
ZZ50622		0.25	0.025	0.6	1.54	13	<10	230	0.9	2	0.17	2.1	13	12	51	3.27
ZZ50623		0.21	<0.005	0.3	0.78	7	<10	90	<0.5	<2	0.12	<0.5	2	11	15	1.53
ZZ50624		0.22	0.029	1.5	1.06	9	<10	260	<0.5	<2	0.21	0.9	5	12	46	1.49
ZZ50625		0.34	0.034	1.0	1.99	13	<10	310	<0.5	2	0.48	1.0	12	30	98	3.58
ZZ50626		0.22	0.023	1.0	1.47	11	<10	240	<0.5	<2	0.34	<0.5	8	17	40	2.53
ZZ50627		0.21	0.017	0.6	0.85	11	<10	220	<0.5	2	0.74	0.7	4	10	24	1.44
ZZ50628		0.27	0.011	0.6	0.92	11	<10	170	<0.5	<2	0.60	0.5	5	11	23	1.56
ZZ50629		0.33	0.047	0.7	1.37	30	<10	320	<0.5	<2	0.57	1.1	9	24	42	2.75
ZZ50630		0.34	0.056	0.8	1.42	122	<10	410	0.5	2	0.87	<0.5	9	30	46	2.97
ZZ50631		0.34	0.162	1.4	1.13	104	<10	220	<0.5	8	0.58	<0.5	8	17	84	2.62
ZZ50632		0.32	0.016	0.5	1.67	32	<10	230	<0.5	<2	0.48	<0.5	9	24	44	2.90
ZZ50633		0.39	0.005	0.9	1.30	17	<10	160	<0.5	<2	0.62	1.0	7	18	36	2.09
ZZ50634		0.33	0.020	0.5	1.32	25	<10	110	<0.5	<2	0.47	<0.5	8	18	16	2.20
ZZ50635		0.25	<0.005	0.3	1.99	12	<10	100	<0.5	2	0.22	<0.5	7	26	26	2.83
ZZ50636		0.23	<0.005	<0.2	0.35	2	<10	20	<0.5	2	0.24	<0.5	3	4	10	0.85
ZZ50637		0.27	0.005	0.4	0.95	10	<10	130	<0.5	2	0.70	0.9	6	14	24	1.38
ZZ50638		0.24	0.008	0.4	1.49	17	<10	260	<0.5	<2	0.97	0.6	10	23	30	2.30
ZZ50639		0.29	0.009	0.6	1.58	17	<10	260	0.5	2	0.82	0.6	10	26	31	2.47
ZZ50640		0.23	0.006	0.4	1.27	13	<10	290	<0.5	2	0.93	0.6	13	20	27	2.20
ZZ50661		0.35	0.007	<0.2	1.72	15	<10	120	<0.5	<2	0.59	<0.5	9	23	26	2.39
ZZ50662		0.22	<0.005	0.5	1.09	6	<10	220	<0.5	2	1.10	1.3	10	14	57	1.83
ZZ50663		0.26	<0.005	<0.2	1.75	15	<10	210	<0.5	<2	0.52	<0.5	9	27	24	2.72





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Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	Hg-CV41 Hg ppm 0.01	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50584		10	0.10	0.10	10	0.65	513	<1	0.01	19	840	40	0.03	3	5	35
ZZ50585		10	0.22	0.07	10	0.54	366	<1	0.02	11	820	19	0.04	<2	5	35
ZZ50586		<10	0.18	0.06	10	0.41	398	<1	0.02	12	890	38	0.09	<2	4	48
ZZ50587		10	0.03	0.14	10	0.92	1245	<1	0.02	9	730	41	0.02	<2	5	30
ZZ50588		<10	0.03	0.03	<10	0.11	107	<1	0.03	3	540	6	0.03	<2	1	20
ZZ50589		<10	0.13	0.07	10	0.29	759	<1	0.03	9	760	47	0.07	<2	2	44
ZZ50590		<10	0.36	0.08	20	0.29	376	<1	0.02	11	810	109	0.07	<2	5	45
ZZ50591		10	0.22	0.11	20	0.46	893	<1	0.02	12	750	165	0.06	3	5	38
ZZ50592		<10	0.15	0.04	10	0.20	390	<1	0.02	8	750	42	0.08	<2	2	54
ZZ50593		<10	0.05	0.03	10	0.09	204	<1	0.04	4	450	8	0.05	<2	1	33
ZZ50594		<10	0.08	0.04	10	0.17	289	<1	0.03	6	670	13	0.05	<2	2	35
ZZ50595		<10	0.11	0.05	20	0.17	186	<1	0.03	9	700	12	0.08	<2	1	43
ZZ50596		<10	0.04	0.05	10	0.20	266	<1	0.03	5	470	18	0.04	<2	1	26
ZZ50597		<10	0.07	0.04	10	0.18	534	<1	0.03	6	600	16	0.06	<2	1	36
ZZ50598		<10	0.23	0.05	20	0.37	612	<1	0.02	14	1120	15	0.11	<2	3	65
ZZ50599		<10	0.06	0.04	10	0.31	398	<1	0.03	9	700	8	0.05	<2	2	36
ZZ50600		<10	0.07	0.03	10	0.09	82	<1	0.03	3	470	4	0.04	<2	1	24
ZZ50621		<10	0.06	0.07	10	0.33	391	<1	0.01	9	640	20	0.03	<2	2	18
ZZ50622		<10	0.05	0.07	20	0.30	3030	1	0.01	8	790	68	0.03	4	3	18
ZZ50623		10	0.03	0.04	10	0.08	93	<1	0.02	5	440	10	0.02	<2	1	16
ZZ50624		<10	0.16	0.06	10	0.15	1215	<1	0.03	5	790	19	0.06	2	2	24
ZZ50625		10	0.10	0.20	20	1.00	833	1	0.03	12	920	29	0.03	3	8	42
ZZ50626		<10	0.10	0.08	10	0.49	596	<1	0.03	7	790	17	0.03	3	4	33
ZZ50627		<10	0.10	0.05	10	0.23	267	<1	0.03	5	690	7	0.07	<2	2	47
ZZ50628		<10	0.09	0.04	10	0.28	344	<1	0.03	5	620	11	0.05	<2	2	38
ZZ50629		<10	0.20	0.08	20	0.48	684	<1	0.02	13	680	17	0.04	2	5	35
ZZ50630		<10	0.38	0.07	20	0.47	609	<1	0.01	15	1260	29	0.05	4	5	52
ZZ50631		<10	0.50	0.05	20	0.30	547	1	0.02	9	850	24	0.06	9	3	37
ZZ50632		10	0.06	0.07	10	0.59	498	<1	0.02	13	560	21	0.03	<2	5	39
ZZ50633		<10	0.04	0.06	10	0.42	365	<1	0.03	10	390	14	0.03	<2	3	41
ZZ50634		<10	0.02	0.06	10	0.54	444	<1	0.02	8	410	34	0.03	<2	3	30
ZZ50635		10	0.06	0.05	10	0.44	238	1	0.02	19	460	15	0.01	<2	3	19
ZZ50636		<10	0.01	0.02	<10	0.09	202	1	0.05	3	350	3	0.02	<2	1	14
ZZ50637		<10	0.04	0.04	10	0.27	736	1	0.03	9	520	37	0.05	<2	2	35
ZZ50638		10	0.09	0.06	10	0.47	576	1	0.02	15	740	19	0.06	<2	3	51
ZZ50639		<10	0.12	0.07	20	0.56	589	1	0.02	14	760	32	0.06	<2	5	46
ZZ50640		<10	0.10	0.06	10	0.44	2230	1	0.03	12	790	31	0.06	<2	4	51
ZZ50661		10	0.05	0.08	10	0.87	195	1	0.03	11	650	13	0.02	<2	7	36
ZZ50662		<10	0.08	0.04	10	0.34	1215	2	0.03	14	890	8	0.07	<2	2	78
ZZ50663		10	0.04	0.07	10	0.61	446	1	0.02	14	560	22	0.04	<2	4	42



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12192029**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ50584		<20	0.06	<10	<10	73	<10	198
ZZ50585		<20	0.07	<10	<10	61	<10	117
ZZ50586		<20	0.06	<10	<10	56	<10	129
ZZ50587		<20	0.13	<10	<10	82	<10	223
ZZ50588		<20	0.06	<10	<10	38	<10	39
ZZ50589		<20	0.04	<10	<10	43	<10	143
ZZ50590		<20	0.04	<10	<10	43	<10	227
ZZ50591		<20	0.06	<10	<10	62	<10	326
ZZ50592		<20	0.04	<10	<10	33	<10	215
ZZ50593		<20	0.04	<10	<10	26	<10	24
ZZ50594		<20	0.05	<10	<10	38	<10	66
ZZ50595		<20	0.04	<10	<10	27	<10	41
ZZ50596		<20	0.05	<10	<10	31	<10	68
ZZ50597		<20	0.04	<10	<10	28	<10	75
ZZ50598		<20	0.05	<10	<10	51	<10	103
ZZ50599		<20	0.05	<10	<10	41	<10	47
ZZ50600		<20	0.03	<10	<10	21	<10	21
ZZ50621		<20	0.04	<10	<10	48	<10	66
ZZ50622		<20	0.02	<10	<10	39	<10	300
ZZ50623		<20	0.07	<10	<10	54	<10	25
ZZ50624		<20	0.02	<10	<10	31	<10	70
ZZ50625		<20	0.12	<10	<10	103	<10	175
ZZ50626		<20	0.06	<10	<10	78	<10	77
ZZ50627		<20	0.04	<10	<10	32	<10	59
ZZ50628		<20	0.05	<10	<10	39	<10	56
ZZ50629		<20	0.06	<10	<10	54	<10	165
ZZ50630		<20	0.04	<10	<10	51	<10	106
ZZ50631		<20	0.04	<10	<10	52	<10	52
ZZ50632		<20	0.07	<10	<10	65	<10	75
ZZ50633		<20	0.07	<10	<10	51	<10	118
ZZ50634		<20	0.08	<10	<10	53	<10	174
ZZ50635		<20	0.09	<10	<10	62	<10	51
ZZ50636		<20	0.04	<10	<10	27	<10	14
ZZ50637		<20	0.04	<10	<10	31	<10	95
ZZ50638		<20	0.06	<10	<10	53	<10	80
ZZ50639		<20	0.07	<10	<10	57	<10	89
ZZ50640		<20	0.06	<10	<10	49	<10	83
ZZ50661		<20	0.12	<10	<10	82	<10	57
ZZ50662		<20	0.05	<10	<10	53	<10	38
ZZ50663		<20	0.07	<10	<10	67	<10	51



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12192029**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50664		0.30	<0.005	0.2	1.74	18	<10	250	<0.5	<2	0.86	<0.5	10	26	31	2.72
ZZ50665		0.19	<0.005	0.2	0.74	7	<10	120	<0.5	2	0.92	<0.5	3	7	23	1.09
ZZ50666		0.14	<0.005	0.8	0.84	3	<10	100	<0.5	2	0.38	<0.5	2	11	24	0.76
ZZ50667		0.27	0.006	0.2	1.78	26	<10	190	<0.5	2	0.68	<0.5	8	25	30	2.64
ZZ50668		0.31	0.010	0.6	1.90	58	<10	310	0.5	2	0.62	3.1	13	19	37	3.56
ZZ50669		0.16	<0.005	0.2	1.12	13	<10	140	<0.5	<2	0.65	<0.5	5	13	18	1.38
ZZ50670		0.19	0.053	1.8	2.17	28	<10	390	0.6	3	0.61	<0.5	7	22	49	2.92
ZZ50671		0.15	<0.005	<0.2	1.08	5	<10	80	<0.5	2	0.12	<0.5	7	12	35	1.64
ZZ50672		0.18	<0.005	<0.2	1.09	13	<10	110	<0.5	<2	0.22	<0.5	5	12	25	1.76
ZZ50673		0.22	0.035	0.8	1.30	29	<10	90	<0.5	5	0.21	<0.5	6	23	48	3.49
ZZ50674		0.37	0.385	20.9	1.60	230	<10	260	0.7	3	0.34	5.5	10	20	101	3.80
ZZ50675		0.22	0.008	<0.2	1.31	22	<10	120	<0.5	<2	0.24	<0.5	6	19	22	2.41
ZZ50676		0.16	0.013	0.2	1.65	15	<10	100	<0.5	2	0.40	<0.5	7	19	30	2.96
ZZ50677		0.16	0.014	<0.2	1.08	9	<10	130	<0.5	2	0.50	<0.5	7	13	23	2.45
ZZ50678		0.26	0.012	0.2	1.52	12	<10	190	<0.5	2	0.39	<0.5	7	22	24	2.34
ZZ50679		0.22	0.036	<0.2	1.09	10	<10	150	<0.5	<2	0.36	<0.5	7	18	29	2.34
ZZ50680		0.20	0.020	0.3	1.38	12	<10	220	<0.5	2	0.28	<0.5	7	16	30	2.19
ZZ50681		0.20	0.019	0.3	1.01	6	<10	150	<0.5	2	0.22	<0.5	5	15	20	1.88
ZZ50682		0.24	0.012	0.3	1.50	13	<10	180	<0.5	3	0.33	<0.5	9	23	27	2.49
ZZ50683		0.26	0.051	<0.2	1.18	13	<10	220	<0.5	2	0.38	<0.5	9	18	56	2.63
ZZ50684		0.19	0.061	1.3	1.72	20	<10	550	0.5	2	0.45	<0.5	6	19	47	2.54
ZZ50685		0.19	0.023	0.4	1.60	17	<10	360	<0.5	2	0.31	<0.5	7	20	35	2.34
ZZ50686		0.17	0.034	1.4	1.90	37	<10	660	0.6	2	0.34	0.9	9	24	64	2.90
ZZ50687		0.26	0.033	1.1	1.90	18	<10	300	0.5	2	0.22	0.7	6	22	53	2.45
ZZ50688		0.21	0.066	0.9	1.04	43	<10	260	<0.5	3	0.22	0.5	5	16	61	2.57
ZZ50689		0.20	0.017	0.5	1.27	23	<10	440	<0.5	3	0.25	0.6	4	18	57	2.62
ZZ50690		0.11	0.006	1.3	1.07	11	<10	320	<0.5	2	0.13	0.7	3	11	46	1.76
ZZ50691		0.19	0.031	0.6	0.81	14	<10	140	<0.5	3	0.15	<0.5	2	8	43	1.54
ZZ50692		0.22	0.084	0.6	1.54	33	<10	290	0.5	2	0.17	1.0	8	20	63	2.98
ZZ50693		0.24	0.070	1.4	1.15	71	<10	120	0.7	5	0.40	0.7	14	15	50	5.44
ZZ50694		0.17	0.008	0.2	1.46	12	<10	120	<0.5	2	0.33	<0.5	12	18	20	2.89
ZZ50695		0.24	0.006	<0.2	1.33	11	<10	110	<0.5	<2	0.29	<0.5	6	17	16	2.44
ZZ50696		0.21	0.005	<0.2	1.69	14	<10	160	<0.5	2	0.27	<0.5	7	21	16	2.35
ZZ50697		0.22	0.005	<0.2	1.96	9	<10	280	<0.5	<2	0.25	<0.5	11	22	14	2.06
ZZ50698		0.27	0.007	<0.2	2.00	14	<10	200	0.5	2	0.29	<0.5	9	25	20	3.10
ZZ50699		0.25	<0.005	<0.2	1.60	8	<10	140	<0.5	2	0.22	<0.5	7	21	15	2.53
ZZ50700		0.26	0.013	0.5	2.26	19	<10	220	<0.5	2	0.30	<0.5	6	26	21	3.67
ZZ50654		0.42	0.011	0.9	1.17	25	<10	130	<0.5	<2	0.94	0.7	7	14	35	1.79
ZZ50655		0.33	0.012	1.1	1.38	28	<10	190	<0.5	<2	0.82	1.3	7	21	31	2.06
ZZ50656		0.35	0.005	0.3	1.46	14	<10	170	<0.5	<2	0.70	<0.5	9	24	26	2.77



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**CERTIFICATE OF ANALYSIS WH12192029**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	Hg-CV41 Hg ppm 0.01	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50664		10	0.05	0.07	10	0.61	464	1	0.02	14	690	10	0.06	<2	4	57
ZZ50665		<10	0.07	0.03	10	0.13	132	<1	0.04	4	690	3	0.08	<2	1	58
ZZ50666		<10	0.12	0.03	10	0.18	59	<1	0.04	5	780	7	0.08	<2	2	29
ZZ50667		10	0.05	0.07	10	0.55	397	1	0.02	13	660	11	0.05	<2	4	45
ZZ50668		10	0.06	0.08	10	0.78	882	1	0.03	10	680	52	0.02	3	8	35
ZZ50669		<10	0.04	0.03	10	0.27	396	1	0.03	7	650	6	0.06	<2	2	39
ZZ50670		10	0.20	0.10	10	0.38	480	6	0.02	12	1220	58	0.09	5	4	45
ZZ50671		<10	0.02	0.03	10	0.14	1355	<1	0.02	6	390	9	0.02	<2	1	15
ZZ50672		<10	0.04	0.04	10	0.17	215	<1	0.02	7	450	5	0.04	<2	2	27
ZZ50673		10	0.04	0.11	10	0.39	275	4	0.01	11	400	33	0.08	12	3	24
ZZ50674		<10	0.49	0.09	20	0.39	867	2	0.02	13	840	309	0.08	28	8	26
ZZ50675		10	0.02	0.07	10	0.39	351	1	0.02	10	400	11	0.03	<2	3	21
ZZ50676		10	0.09	0.05	10	0.34	240	1	0.01	9	640	10	0.05	<2	2	28
ZZ50677		<10	0.04	0.06	10	0.35	307	1	0.03	6	540	6	0.07	<2	3	42
ZZ50678		10	0.04	0.07	10	0.45	341	1	0.02	11	840	12	0.07	<2	3	29
ZZ50679		<10	0.02	0.09	10	0.44	244	1	0.02	10	750	11	0.02	<2	3	23
ZZ50680		<10	0.05	0.06	10	0.35	378	1	0.02	9	780	14	0.06	<2	3	26
ZZ50681		<10	0.03	0.05	10	0.28	211	1	0.02	8	690	9	0.06	<2	1	20
ZZ50682		<10	0.02	0.07	10	0.42	504	1	0.02	13	720	11	0.02	2	2	30
ZZ50683		<10	0.01	0.10	10	0.50	359	1	0.02	10	850	18	<0.01	2	4	22
ZZ50684		<10	0.14	0.09	20	0.37	369	1	0.02	12	640	32	0.05	2	5	46
ZZ50685		10	0.05	0.08	10	0.35	499	1	0.02	10	590	29	0.07	2	2	29
ZZ50686		10	0.06	0.09	20	0.35	603	1	0.01	13	980	62	0.10	3	2	34
ZZ50687		10	0.06	0.08	10	0.36	221	1	0.02	12	590	35	0.06	<2	3	19
ZZ50688		<10	0.05	0.08	10	0.27	249	1	0.01	7	400	40	0.06	7	2	24
ZZ50689		<10	0.04	0.13	10	0.33	221	2	0.01	10	520	53	0.06	3	2	30
ZZ50690		<10	0.05	0.08	10	0.13	157	1	0.02	7	700	28	0.05	<2	1	21
ZZ50691		<10	0.07	0.07	10	0.11	120	<1	0.03	4	450	23	0.02	<2	2	13
ZZ50692		<10	0.04	0.10	20	0.33	337	1	0.01	12	510	52	0.05	3	3	19
ZZ50693		<10	0.14	0.09	20	0.39	799	7	0.01	9	750	122	0.10	7	8	29
ZZ50694		10	0.05	0.05	10	0.44	642	2	0.02	9	830	18	0.06	2	4	23
ZZ50695		<10	0.01	0.07	10	0.44	242	1	0.01	9	730	20	0.02	<2	3	18
ZZ50696		<10	0.02	0.07	10	0.49	173	1	0.02	11	730	16	0.04	<2	4	17
ZZ50697		10	0.03	0.06	10	0.53	241	1	0.01	12	480	16	0.03	2	4	20
ZZ50698		10	0.03	0.08	10	0.55	326	1	0.02	13	700	14	0.03	<2	5	20
ZZ50699		10	0.09	0.05	10	0.48	416	1	0.02	8	760	19	0.05	2	2	20
ZZ50700		10	0.07	0.08	10	0.51	373	16	0.01	14	920	25	0.04	<2	3	28
ZZ50654		<10	0.12	0.06	20	0.37	645	1	0.03	13	620	28	0.05	<2	4	49
ZZ50655		<10	0.10	0.06	10	0.57	590	<1	0.03	11	680	36	0.09	2	5	47
ZZ50656		<10	0.07	0.06	10	0.69	354	1	0.03	11	930	16	0.07	<2	5	45



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ50664		<20	0.08	<10	<10	71	<10	48
ZZ50665		<20	0.04	<10	<10	29	<10	17
ZZ50666		<20	0.03	<10	<10	21	<10	16
ZZ50667		<20	0.07	<10	<10	66	<10	54
ZZ50668		<20	0.07	<10	<10	93	<10	541
ZZ50669		<20	0.04	<10	<10	33	<10	33
ZZ50670		<20	0.02	<10	<10	51	<10	136
ZZ50671		<20	0.05	<10	<10	42	<10	30
ZZ50672		<20	0.07	<10	<10	52	<10	29
ZZ50673		<20	0.09	<10	<10	73	<10	73
ZZ50674		<20	0.03	<10	<10	70	<10	431
ZZ50675		<20	0.06	<10	<10	64	<10	47
ZZ50676		<20	0.03	<10	<10	71	<10	44
ZZ50677		<20	0.07	<10	<10	71	<10	41
ZZ50678		<20	0.05	<10	<10	53	<10	64
ZZ50679		<20	0.07	<10	<10	55	<10	45
ZZ50680		<20	0.05	<10	<10	47	<10	53
ZZ50681		<20	0.05	<10	<10	49	<10	45
ZZ50682		<20	0.06	<10	<10	55	<10	60
ZZ50683		<20	0.08	<10	<10	60	<10	46
ZZ50684		<20	0.04	<10	<10	43	<10	90
ZZ50685		<20	0.04	<10	<10	48	<10	94
ZZ50686		<20	0.03	<10	<10	54	<10	149
ZZ50687		<20	0.05	<10	<10	50	<10	90
ZZ50688		<20	0.05	<10	<10	49	<10	88
ZZ50689		<20	0.03	<10	<10	41	<10	102
ZZ50690		<20	0.02	<10	<10	36	<10	63
ZZ50691		<20	0.03	<10	<10	29	<10	51
ZZ50692		<20	0.04	<10	<10	45	<10	125
ZZ50693		<20	0.04	<10	<10	70	<10	201
ZZ50694		<20	0.06	<10	<10	66	<10	58
ZZ50695		<20	0.07	<10	<10	54	<10	50
ZZ50696		<20	0.06	<10	<10	59	<10	50
ZZ50697		<20	0.05	<10	<10	60	<10	52
ZZ50698		<20	0.07	<10	<10	62	<10	57
ZZ50699		<20	0.05	<10	<10	59	<10	57
ZZ50700		<20	0.04	<10	<10	60	<10	96
ZZ50654		<20	0.05	<10	<10	43	<10	78
ZZ50655		<20	0.08	<10	<10	69	<10	105
ZZ50656		<20	0.07	<10	<10	96	<10	68



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50657		0.30	0.005	0.3	1.56	26	<10	180	<0.5	<2	0.87	<0.5	10	21	17	3.04
ZZ50658		0.22	0.008	0.2	1.48	18	<10	150	<0.5	<2	0.60	<0.5	10	21	21	2.93
ZZ50659		0.37	0.005	0.5	1.40	15	<10	150	<0.5	2	0.63	<0.5	10	19	21	2.72
ZZ50660		0.24	0.010	0.2	1.43	37	<10	180	<0.5	<2	0.71	<0.5	10	22	17	2.58
ZZ50751		0.30	0.022	0.6	2.00	11	<10	290	0.5	2	0.32	<0.5	8	25	20	2.09
ZZ50752		0.34	0.013	0.4	1.88	11	<10	230	0.5	<2	0.30	<0.5	6	24	28	2.23
ZZ50753		0.32	0.041	0.6	2.00	21	<10	300	0.5	2	0.28	<0.5	10	23	29	2.79
ZZ50754		0.23	0.052	0.6	2.45	42	<10	380	0.7	4	0.35	<0.5	19	28	63	3.78
ZZ50755		0.26	0.025	0.3	1.94	17	<10	300	0.5	2	0.35	<0.5	10	24	52	3.12
ZZ50756		0.32	0.036	0.2	1.44	21	<10	260	0.5	<2	0.27	<0.5	7	19	29	2.62
ZZ50757		0.29	0.109	0.2	1.48	20	<10	290	<0.5	2	0.30	<0.5	10	20	29	2.84
ZZ50758		0.33	0.062	0.6	1.67	73	<10	320	<0.5	2	0.33	<0.5	7	24	36	2.50
ZZ50759		0.21	0.022	0.3	1.44	15	<10	280	<0.5	2	0.29	<0.5	6	19	44	2.23
ZZ50760		0.33	0.022	<0.2	1.55	16	<10	260	<0.5	<2	0.34	<0.5	6	20	22	2.41
ZZ50761		0.25	0.009	0.2	1.36	12	<10	270	<0.5	2	0.22	<0.5	5	20	21	2.10
ZZ50762		0.14	0.029	0.7	1.32	30	<10	410	<0.5	2	0.34	0.5	3	17	47	1.50
ZZ50763		0.19	0.067	1.1	1.76	72	<10	310	<0.5	2	0.21	0.7	5	21	52	2.60
ZZ50764		0.26	0.031	1.1	1.82	21	<10	230	<0.5	2	0.20	0.5	8	23	41	2.69
ZZ50765		0.25	0.041	1.4	1.49	29	<10	380	<0.5	3	0.27	2.6	6	22	47	2.47
ZZ50766		0.20	0.230	4.1	1.64	76	<10	660	0.8	4	0.31	4.5	8	15	149	3.31
ZZ50767		0.20	0.077	1.5	1.04	42	<10	390	0.8	3	0.28	1.3	8	14	41	3.09
ZZ50768		0.25	0.061	1.3	1.26	40	<10	440	<0.5	3	0.23	0.6	6	18	51	2.86
ZZ50769		0.50	0.028	1.0	1.20	46	<10	200	<0.5	<2	0.32	0.5	6	20	12	1.87
ZZ50770		0.36	0.017	0.8	1.51	106	<10	220	0.5	<2	0.29	0.6	9	23	21	2.97
ZZ50781		0.23	0.008	0.2	1.21	25	<10	120	<0.5	<2	0.38	<0.5	11	18	24	3.08
ZZ50782		0.27	0.016	0.4	1.98	82	<10	130	0.5	<2	0.47	<0.5	11	23	20	3.25
ZZ50783		0.24	<0.005	<0.2	1.55	16	<10	90	<0.5	<2	0.18	<0.5	9	21	18	2.79
ZZ50784		0.22	0.007	<0.2	1.81	20	<10	130	0.5	<2	0.15	<0.5	11	22	18	2.90
ZZ50785		0.20	<0.005	<0.2	1.49	12	<10	50	<0.5	<2	0.11	<0.5	12	31	15	2.28
ZZ50786		0.20	<0.005	<0.2	1.64	14	<10	200	0.7	<2	0.34	<0.5	22	55	21	5.18
ZZ50787		0.24	0.059	0.5	1.36	40	<10	100	0.5	<2	0.33	<0.5	10	19	19	4.08
ZZ50788		0.23	0.027	0.4	1.90	28	<10	180	0.6	<2	0.29	<0.5	16	27	31	4.30
ZZ50789		0.34	0.021	0.2	2.04	27	<10	120	0.5	<2	0.32	<0.5	11	24	25	3.99
ZZ50790		0.33	0.013	0.2	1.61	22	<10	160	0.6	<2	0.28	<0.5	11	21	32	3.41
ZZ50791		0.25	0.012	0.2	1.85	11	<10	160	<0.5	<2	0.29	<0.5	7	23	19	2.16
ZZ50792		0.25	0.010	0.2	1.64	7	<10	150	<0.5	<2	0.28	<0.5	7	22	15	2.02
ZZ50793		0.35	0.034	0.5	1.88	18	<10	270	0.5	<2	0.28	<0.5	12	24	24	2.32
ZZ50794		0.34	0.022	0.7	1.82	12	<10	210	<0.5	<2	0.27	<0.5	6	24	24	1.89
ZZ50795		0.31	0.021	1.1	1.88	19	<10	230	0.5	<2	0.27	<0.5	6	25	30	2.27
ZZ50796		0.34	0.028	0.3	1.37	15	<10	210	<0.5	<2	0.29	<0.5	7	22	22	2.22



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Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	Hg-CV41 Hg ppm 0.01	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50657		10	0.04	0.08	10	0.82	465	1	0.02	11	530	25	0.05	2	5	51
ZZ50658		<10	0.03	0.10	10	0.83	483	<1	0.02	12	640	11	0.02	<2	6	40
ZZ50659		<10	0.05	0.07	10	0.62	544	1	0.03	10	570	16	0.02	<2	6	42
ZZ50660		10	0.03	0.06	10	0.60	471	1	0.02	11	630	14	0.03	<2	4	49
ZZ50751		10	0.06	0.08	10	0.53	257	1	0.02	14	710	18	0.03	2	6	24
ZZ50752		10	0.07	0.08	10	0.50	260	<1	0.01	15	680	15	0.03	<2	5	24
ZZ50753		10	0.06	0.09	10	0.55	715	<1	0.02	14	510	16	0.01	2	8	23
ZZ50754		10	0.05	0.11	20	0.61	725	1	0.01	19	820	31	0.03	2	7	33
ZZ50755		10	0.05	0.09	10	0.52	611	1	0.01	15	500	17	0.02	2	6	31
ZZ50756		<10	0.03	0.08	20	0.44	403	1	0.01	11	440	15	0.01	<2	5	21
ZZ50757		10	0.03	0.08	10	0.45	617	1	0.01	11	500	16	0.01	<2	5	23
ZZ50758		10	0.03	0.07	10	0.47	326	<1	0.01	14	550	48	0.02	2	4	28
ZZ50759		<10	0.04	0.07	10	0.36	247	1	0.01	11	640	17	0.03	<2	3	24
ZZ50760		<10	0.04	0.09	10	0.50	429	1	0.02	11	610	14	0.01	2	5	24
ZZ50761		10	0.03	0.07	10	0.38	232	<1	0.01	11	360	18	0.01	<2	3	17
ZZ50762		10	0.05	0.05	10	0.20	98	1	0.02	9	830	23	0.07	<2	1	34
ZZ50763		10	0.05	0.07	20	0.32	215	1	0.01	10	400	56	0.02	<2	3	20
ZZ50764		10	0.05	0.07	10	0.38	470	1	0.01	11	370	22	0.01	<2	4	17
ZZ50765		10	0.07	0.08	20	0.35	245	1	0.01	10	340	55	0.01	2	3	23
ZZ50766		<10	0.27	0.14	20	0.21	451	3	0.02	14	770	228	0.09	7	5	35
ZZ50767		<10	0.17	0.11	20	0.25	751	2	0.01	8	460	135	0.03	3	7	22
ZZ50768		<10	0.07	0.10	10	0.28	344	3	0.01	9	310	93	0.03	2	3	25
ZZ50769		<10	0.04	0.08	10	0.37	351	<1	0.01	9	660	54	0.01	<2	4	21
ZZ50770		<10	0.03	0.07	10	0.44	282	1	0.01	12	620	96	0.01	2	4	20
ZZ50781		<10	0.03	0.08	10	0.42	469	2	0.02	13	720	18	0.04	<2	4	27
ZZ50782		<10	0.06	0.08	10	0.48	458	1	0.02	13	640	21	0.05	3	5	31
ZZ50783		<10	0.03	0.08	10	0.43	305	1	0.01	12	520	12	0.04	<2	3	18
ZZ50784		10	0.04	0.08	10	0.44	451	1	0.01	15	440	12	0.03	<2	5	17
ZZ50785		<10	0.01	0.07	10	0.46	359	1	0.01	20	220	11	0.02	<2	3	12
ZZ50786		10	0.03	0.34	20	0.95	858	2	0.02	20	790	17	0.13	2	12	34
ZZ50787		<10	0.12	0.10	10	0.53	327	4	0.02	7	610	38	0.03	3	7	23
ZZ50788		10	0.15	0.07	20	0.53	1790	4	0.02	12	770	33	0.06	<2	8	25
ZZ50789		10	0.07	0.09	10	0.65	243	2	0.02	11	710	28	0.04	<2	7	25
ZZ50790		<10	0.03	0.10	20	0.62	295	1	0.02	12	660	17	0.02	2	7	19
ZZ50791		10	0.05	0.07	10	0.53	180	<1	0.01	13	650	11	0.02	<2	5	20
ZZ50792		<10	0.03	0.06	10	0.48	288	<1	0.02	13	610	11	0.02	<2	4	18
ZZ50793		<10	0.07	0.09	10	0.49	385	1	0.01	16	650	17	0.02	<2	6	20
ZZ50794		10	0.09	0.08	10	0.49	177	1	0.01	12	690	40	0.03	<2	5	20
ZZ50795		10	0.09	0.09	10	0.46	208	1	0.01	14	690	22	0.03	<2	5	20
ZZ50796		<10	0.03	0.07	20	0.45	246	1	0.02	12	620	25	0.02	<2	4	19



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ50657		<20	0.10	<10	<10	81	<10	97
ZZ50658		<20	0.13	<10	<10	87	<10	61
ZZ50659		<20	0.09	<10	<10	80	<10	75
ZZ50660		<20	0.08	<10	<10	70	<10	53
ZZ50751		<20	0.06	<10	<10	56	<10	84
ZZ50752		<20	0.05	<10	<10	52	<10	62
ZZ50753		<20	0.06	<10	<10	60	<10	81
ZZ50754		<20	0.05	<10	<10	72	<10	114
ZZ50755		<20	0.05	<10	<10	59	<10	71
ZZ50756		<20	0.05	<10	<10	50	<10	53
ZZ50757		<20	0.06	<10	<10	54	<10	69
ZZ50758		<20	0.05	<10	<10	50	<10	75
ZZ50759		<20	0.04	<10	<10	45	<10	50
ZZ50760		<20	0.07	<10	<10	53	<10	56
ZZ50761		<20	0.06	<10	<10	46	<10	77
ZZ50762		<20	0.02	<10	<10	34	<10	52
ZZ50763		<20	0.04	<10	<10	51	<10	79
ZZ50764		<20	0.06	<10	<10	51	<10	70
ZZ50765		<20	0.05	<10	<10	55	<10	125
ZZ50766		<20	0.02	<10	<10	55	<10	337
ZZ50767		<20	0.02	<10	<10	40	<10	245
ZZ50768		<20	0.04	<10	<10	55	<10	179
ZZ50769		<20	0.06	<10	<10	40	<10	115
ZZ50770		<20	0.07	<10	<10	57	<10	165
ZZ50781		<20	0.05	<10	<10	54	<10	55
ZZ50782		<20	0.05	<10	<10	61	<10	63
ZZ50783		<20	0.06	<10	<10	56	<10	41
ZZ50784		<20	0.06	<10	<10	58	<10	47
ZZ50785		<20	0.07	<10	<10	42	<10	39
ZZ50786		<20	0.10	<10	<10	113	<10	59
ZZ50787		<20	0.04	<10	<10	81	<10	67
ZZ50788		<20	0.04	<10	<10	74	<10	56
ZZ50789		<20	0.06	<10	<10	78	<10	67
ZZ50790		<20	0.08	<10	<10	67	<10	67
ZZ50791		<20	0.07	<10	<10	53	<10	49
ZZ50792		<20	0.08	<10	<10	45	<10	41
ZZ50793		<20	0.06	<10	<10	54	<10	62
ZZ50794		<20	0.05	<10	<10	46	<10	59
ZZ50795		<20	0.06	<10	<10	50	<10	75
ZZ50796		<20	0.07	<10	<10	47	<10	58





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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50797		0.35	0.041	0.6	1.05	37	<10	200	0.5	<2	0.31	0.7	8	17	31	2.42
ZZ50798		0.21	0.060	3.5	2.43	33	<10	820	0.6	2	0.36	5.7	6	27	29	3.72
ZZ50799		0.33	0.073	0.8	1.73	47	<10	190	0.5	<2	0.29	1.1	8	26	25	2.42
ZZ50800		0.34	0.015	<0.2	1.63	36	<10	230	0.5	<2	0.35	0.6	9	24	23	2.33
ZZ50901		0.32	0.051	1.2	1.30	51	<10	320	0.5	<2	0.28	1.0	7	20	37	2.08
ZZ50902		0.20	0.019	0.7	1.51	20	<10	290	<0.5	<2	0.25	0.5	5	21	24	2.00
ZZ50903		0.17	0.013	0.3	1.21	50	<10	250	<0.5	<2	0.22	1.3	6	21	17	2.27
ZZ50904		0.34	0.017	0.7	1.63	21	<10	440	0.6	<2	0.32	0.9	11	24	31	2.65
ZZ50905		0.34	0.044	0.3	1.43	22	<10	280	0.5	<2	0.33	0.7	10	23	32	2.30
ZZ50906		0.24	NSS	<0.2	1.03	15	<10	200	<0.5	<2	0.34	<0.5	14	14	12	2.10
ZZ50907		0.29	0.008	0.2	1.35	8	<10	160	<0.5	<2	0.22	<0.5	4	18	13	1.65
ZZ50908		0.37	0.016	0.4	1.85	12	<10	350	<0.5	<2	0.28	<0.5	7	25	19	2.06
ZZ50909		0.27	0.008	0.2	1.80	12	<10	220	<0.5	<2	0.25	<0.5	7	24	14	2.06
ZZ50910		0.26	0.005	0.3	1.89	16	<10	240	<0.5	<2	0.26	<0.5	12	23	25	3.04
ZZ50911		0.23	0.007	0.2	1.67	14	<10	140	<0.5	<2	0.20	<0.5	7	21	17	2.71
ZZ50912		0.26	0.006	0.3	1.75	9	<10	290	<0.5	<2	0.27	<0.5	8	23	20	1.73
ZZ50913		0.17	<0.005	0.2	1.42	7	<10	130	<0.5	<2	0.24	<0.5	4	19	9	1.40
ZZ50914		0.21	0.006	0.2	1.66	15	<10	170	0.5	<2	0.29	<0.5	10	29	14	2.48
ZZ50915		0.23	0.022	0.3	1.20	13	<10	280	<0.5	<2	0.31	<0.5	6	25	14	1.91
ZZ50916		0.28	0.014	0.3	1.30	17	<10	200	<0.5	<2	0.27	<0.5	6	15	13	2.91
ZZ50917		0.29	0.015	0.5	1.18	52	<10	100	0.5	2	0.30	<0.5	17	14	18	5.09
ZZ50918		0.30	0.014	0.4	1.14	39	<10	330	0.7	3	0.35	<0.5	18	12	21	5.11
ZZ50919		0.38	0.030	1.1	0.82	122	<10	300	0.8	4	0.31	0.7	10	16	31	5.05
ZZ50920		0.23	0.026	0.6	0.45	84	<10	140	0.6	2	0.21	<0.5	6	4	10	4.80



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Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	Hg-CV41 Hg ppm 0.01	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50797		<10	0.04	0.09	20	0.35	418	1	0.01	9	700	115	0.01	<2	5	20
ZZ50798		10	0.40	0.11	20	0.39	439	2	0.01	13	850	127	0.03	2	7	26
ZZ50799		<10	0.04	0.09	20	0.47	373	1	0.01	14	700	107	0.02	<2	4	20
ZZ50800		<10	0.02	0.08	20	0.50	296	1	0.01	12	480	26	0.02	<2	5	26
ZZ50901		<10	0.06	0.12	10	0.36	305	1	0.01	10	670	126	0.01	2	5	17
ZZ50902		<10	0.04	0.10	10	0.35	296	1	0.01	9	610	45	0.03	<2	4	17
ZZ50903		<10	0.03	0.08	10	0.36	468	1	0.01	10	410	55	0.02	<2	3	17
ZZ50904		<10	0.06	0.08	20	0.42	734	1	0.01	13	640	41	0.02	2	6	21
ZZ50905		<10	0.03	0.09	20	0.41	337	1	0.01	12	720	46	0.01	<2	5	22
ZZ50906		<10	0.06	0.05	10	0.33	441	1	0.02	6	770	27	0.02	<2	2	22
ZZ50907		<10	0.04	0.05	10	0.33	193	<1	0.01	8	680	24	0.03	<2	2	15
ZZ50908		10	0.05	0.07	10	0.41	274	1	0.01	12	750	22	0.03	<2	5	21
ZZ50909		10	0.03	0.06	10	0.47	158	1	0.01	10	670	25	0.02	2	4	17
ZZ50910		10	0.02	0.09	10	0.66	776	9	0.01	12	610	19	0.03	<2	5	24
ZZ50911		10	0.03	0.07	10	0.48	271	4	0.01	10	580	18	0.04	<2	4	17
ZZ50912		10	0.06	0.07	10	0.52	163	<1	0.01	11	610	20	0.04	<2	7	20
ZZ50913		<10	0.04	0.05	10	0.37	126	1	0.01	7	570	17	0.07	<2	3	26
ZZ50914		10	0.03	0.07	10	0.49	192	1	0.01	12	750	20	0.04	<2	5	21
ZZ50915		<10	0.03	0.07	10	0.45	197	2	0.01	15	650	24	0.05	<2	3	21
ZZ50916		<10	0.04	0.06	10	0.38	131	2	0.01	7	670	30	0.04	<2	4	19
ZZ50917		<10	0.06	0.07	10	0.33	802	3	0.01	8	680	62	0.07	3	5	21
ZZ50918		<10	0.09	0.07	20	0.33	829	3	0.02	8	840	44	0.12	2	8	33
ZZ50919		<10	0.20	0.12	30	0.18	583	11	0.01	11	630	126	0.17	8	7	49
ZZ50920		<10	0.15	0.18	10	0.06	804	<1	0.01	6	450	43	0.37	5	7	28



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12192029**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ50797		<20	0.06	<10	<10	40	<10	160
ZZ50798		<20	0.02	<10	<10	66	<10	377
ZZ50799		<20	0.07	<10	<10	49	<10	168
ZZ50800		<20	0.08	<10	<10	50	<10	94
ZZ50901		<20	0.04	<10	<10	40	<10	190
ZZ50902		<20	0.03	<10	<10	44	<10	103
ZZ50903		<20	0.05	<10	<10	46	<10	179
ZZ50904		<20	0.05	<10	<10	50	<10	116
ZZ50905		<20	0.07	<10	<10	50	<10	94
ZZ50906		<20	0.08	<10	<10	53	<10	65
ZZ50907		<20	0.05	<10	<10	36	<10	55
ZZ50908		<20	0.05	<10	<10	48	<10	56
ZZ50909		<20	0.06	<10	<10	59	<10	59
ZZ50910		<20	0.08	<10	<10	73	<10	93
ZZ50911		<20	0.05	<10	<10	58	<10	68
ZZ50912		<20	0.06	<10	<10	52	<10	55
ZZ50913		<20	0.02	<10	<10	50	<10	41
ZZ50914		<20	0.05	<10	<10	61	<10	55
ZZ50915		<20	0.04	<10	<10	48	<10	55
ZZ50916		<20	0.02	<10	<10	53	<10	59
ZZ50917		<20	0.02	<10	<10	58	<10	145
ZZ50918		<20	0.02	<10	<10	66	<10	102
ZZ50919		<20	0.01	<10	<10	35	<10	236
ZZ50920		<20	<0.01	<10	<10	31	<10	86



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**CERTIFICATE OF ANALYSIS WH12192029**

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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**CERTIFICATE WH12192090**

Project: KLAZA

P.O. No.:

This report is for 245 Soil samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50941		0.11	<0.005	<0.2	1.02	5	<10	180	<0.5	<2	0.63	<0.5	5	14	20	2.26
ZZ50942		0.27	0.005	<0.2	1.47	10	<10	150	<0.5	<2	0.24	<0.5	4	16	17	1.58
ZZ50943		0.14	<0.005	<0.2	0.95	8	<10	110	<0.5	2	0.16	<0.5	10	14	13	1.72
ZZ50944		0.21	0.006	<0.2	1.24	9	<10	180	<0.5	<2	0.21	<0.5	5	17	19	1.79
ZZ50945		0.23	<0.005	0.4	1.92	15	<10	220	<0.5	2	0.26	<0.5	6	25	34	2.41
ZZ50946		0.23	<0.005	<0.2	1.12	9	<10	120	<0.5	<2	0.18	<0.5	6	17	13	1.83
ZZ50947		0.19	0.006	1.1	1.60	12	<10	360	0.6	2	0.67	<0.5	6	13	41	1.86
ZZ50948		0.26	0.007	1.1	1.81	19	<10	270	0.5	2	0.67	0.6	8	18	29	2.42
ZZ50949		0.19	<0.005	0.5	1.90	22	<10	310	0.5	<2	0.76	<0.5	7	20	24	2.67
ZZ50950		0.26	<0.005	0.4	1.63	20	<10	240	<0.5	3	0.50	<0.5	6	18	14	3.05
ZZ50951		0.19	<0.005	0.3	1.53	17	<10	290	<0.5	2	0.68	<0.5	8	21	20	2.38
ZZ50952		0.28	<0.005	<0.2	1.67	9	<10	200	<0.5	<2	0.42	<0.5	7	19	18	1.90
ZZ50953		0.18	0.008	0.6	2.16	53	<10	380	0.7	2	0.93	<0.5	11	22	29	3.28
ZZ50954		0.20	<0.005	0.2	2.02	16	<10	320	0.5	8	0.51	<0.5	10	21	24	2.91
ZZ50955		0.23	0.005	0.5	2.19	17	<10	290	0.5	3	0.67	<0.5	9	20	34	2.84
ZZ50956		0.32	0.063	0.9	1.51	223	<10	360	0.9	7	0.53	0.9	17	9	25	5.49
ZZ50957		0.23	0.005	<0.2	1.44	26	<10	180	<0.5	2	0.31	<0.5	7	24	21	2.84
ZZ50958		0.17	0.014	0.7	2.21	109	<10	160	0.6	6	0.17	0.7	16	19	77	5.00
ZZ50959		0.20	0.018	0.4	1.79	104	<10	190	0.7	4	0.16	1.4	14	23	30	4.56
ZZ50960		0.24	0.040	1.4	1.12	996	<10	170	0.7	8	0.22	1.6	15	18	66	6.07
ZZ50961		0.32	0.015	0.3	1.16	256	<10	250	0.9	3	0.36	<0.5	17	25	20	6.18
ZZ50962		0.27	0.048	<0.2	1.44	32	<10	480	0.5	2	0.36	<0.5	11	23	14	3.40
ZZ50963		0.23	0.005	<0.2	1.21	13	<10	160	<0.5	2	0.27	<0.5	6	18	8	1.83
ZZ50964		0.30	0.022	0.3	1.58	33	<10	260	0.5	2	0.29	0.5	15	27	19	3.04
ZZ50965		0.20	0.043	0.3	1.61	16	<10	210	0.5	2	0.27	<0.5	6	27	20	1.94
ZZ50966		0.29	0.012	<0.2	1.60	25	<10	180	<0.5	2	0.25	<0.5	7	25	11	2.18
ZZ50967		0.09	<0.005	<0.2	0.91	10	<10	170	<0.5	<2	0.45	<0.5	11	17	12	2.72
ZZ50968		0.19	0.016	0.2	1.63	10	<10	260	<0.5	<2	0.31	<0.5	6	20	24	1.52
ZZ50969		0.11	<0.005	0.2	1.12	3	<10	160	<0.5	2	0.18	<0.5	4	14	11	1.30
ZZ50970		0.16	0.016	0.9	1.82	19	<10	270	<0.5	<2	0.22	0.6	5	20	20	1.96
ZZ50971		0.10	0.009	<0.2	1.29	2	<10	220	<0.5	<2	0.18	<0.5	6	18	17	1.19
ZZ50972		0.28	0.043	1.0	2.03	31	<10	310	0.5	<2	0.27	0.6	7	27	28	2.22
ZZ50973		0.28	0.017	0.4	1.73	16	<10	320	0.5	<2	0.31	<0.5	7	26	26	2.23
ZZ50974		0.29	0.016	0.3	1.42	27	<10	300	<0.5	<2	0.24	0.5	10	22	17	3.11
ZZ50975		0.23	0.014	0.2	1.34	17	<10	170	<0.5	<2	0.35	<0.5	6	20	12	1.72
ZZ50976		0.20	0.058	0.4	1.10	49	<10	290	<0.5	<2	0.35	0.7	8	16	17	2.33
ZZ50977		0.24	0.017	0.8	1.09	13	<10	290	<0.5	<2	0.24	0.7	4	16	14	1.16
ZZ50978		0.19	0.067	2.0	1.93	42	<10	400	0.6	<2	0.20	1.5	6	24	66	1.88
ZZ50979		0.15	0.346	1.1	0.56	86	<10	650	1.0	8	0.24	4.4	13	18	103	3.84
ZZ50980		0.16	0.104	0.9	1.66	49	<10	300	0.6	4	0.20	1.0	11	27	89	3.38



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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50941		<10	<1	0.04	10	0.21	207	<1	0.04	8	830	16	0.08	<2	2	46
ZZ50942		<10	<1	0.06	10	0.27	175	<1	0.02	8	440	28	0.01	2	2	21
ZZ50943		10	<1	0.06	10	0.23	915	1	0.02	6	360	22	0.02	3	1	15
ZZ50944		10	<1	0.06	10	0.29	328	1	0.01	7	420	17	0.02	2	2	20
ZZ50945		10	<1	0.10	10	0.50	287	1	0.01	13	350	22	0.02	2	3	25
ZZ50946		10	<1	0.09	10	0.36	297	<1	0.02	9	400	10	0.02	3	2	16
ZZ50947		<10	<1	0.06	20	0.29	409	1	0.02	8	940	20	0.10	2	3	56
ZZ50948		10	<1	0.09	10	0.52	490	1	0.03	10	670	29	0.05	3	4	46
ZZ50949		10	<1	0.10	10	0.56	440	2	0.03	10	770	21	0.07	4	4	47
ZZ50950		<10	<1	0.09	10	0.54	192	1	0.02	10	370	27	0.03	3	4	30
ZZ50951		<10	<1	0.08	10	0.47	433	1	0.02	13	520	16	0.05	3	4	38
ZZ50952		10	1	0.08	10	0.53	175	<1	0.02	12	480	10	0.05	2	4	26
ZZ50953		10	<1	0.12	20	0.57	516	1	0.02	15	810	21	0.07	3	7	50
ZZ50954		10	<1	0.09	10	0.60	547	1	0.02	14	630	13	0.04	2	5	34
ZZ50955		10	<1	0.10	20	0.41	372	1	0.01	12	520	15	0.05	3	6	31
ZZ50956		<10	1	0.15	30	0.43	1445	5	0.02	9	580	83	0.13	6	12	25
ZZ50957		10	1	0.11	10	0.44	286	1	0.01	13	510	18	0.05	2	3	26
ZZ50958		10	1	0.14	10	0.59	781	4	0.01	13	550	75	0.07	12	6	18
ZZ50959		10	1	0.13	20	0.41	1210	2	0.01	14	510	87	0.06	8	6	16
ZZ50960		<10	1	0.11	20	0.27	1410	5	0.01	12	650	103	0.06	41	7	19
ZZ50961		<10	<1	0.10	30	0.41	1480	4	0.01	15	650	48	0.08	12	11	18
ZZ50962		<10	1	0.15	10	0.68	481	2	0.01	10	700	19	0.03	3	6	21
ZZ50963		<10	<1	0.06	10	0.38	147	1	0.01	7	590	14	0.03	2	3	14
ZZ50964		<10	<1	0.11	20	0.51	350	2	0.01	15	630	35	0.02	4	7	18
ZZ50965		<10	<1	0.09	20	0.46	324	2	0.01	11	580	52	0.04	3	6	16
ZZ50966		10	<1	0.08	10	0.52	308	2	0.01	10	490	37	0.03	3	5	15
ZZ50967		<10	<1	0.04	10	0.26	1005	1	0.01	7	1160	8	0.09	2	2	40
ZZ50968		10	<1	0.08	10	0.48	173	1	0.01	11	600	22	0.06	3	5	23
ZZ50969		10	<1	0.04	10	0.26	488	2	0.02	5	560	9	0.05	<2	1	18
ZZ50970		10	<1	0.07	10	0.35	180	10	0.02	8	700	35	0.03	<2	4	18
ZZ50971		<10	<1	0.04	10	0.30	414	<1	0.02	6	540	15	0.03	<2	2	14
ZZ50972		10	<1	0.07	20	0.43	188	<1	0.02	10	640	64	0.01	2	5	21
ZZ50973		10	<1	0.08	20	0.45	210	<1	0.02	12	680	23	0.01	<2	5	23
ZZ50974		<10	<1	0.07	10	0.34	250	1	0.02	7	800	39	0.02	<2	4	15
ZZ50975		<10	<1	0.06	10	0.35	227	1	0.02	8	770	55	0.04	<2	3	21
ZZ50976		<10	<1	0.07	10	0.31	512	1	0.02	6	790	58	0.02	<2	3	20
ZZ50977		<10	<1	0.06	10	0.29	187	<1	0.01	5	510	33	0.01	<2	3	15
ZZ50978		<10	<1	0.10	10	0.32	386	<1	0.01	11	710	56	0.03	<2	4	16
ZZ50979		<10	<1	0.10	20	0.10	1345	1	0.01	19	840	107	0.05	6	5	20
ZZ50980		<10	<1	0.10	10	0.34	545	<1	0.02	16	530	67	0.05	5	3	23



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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ50941		<20	0.08	<10	<10	69	<10	40
ZZ50942		<20	0.05	<10	<10	37	<10	43
ZZ50943		<20	0.06	<10	<10	50	<10	57
ZZ50944		<20	0.06	<10	<10	50	<10	53
ZZ50945		<20	0.07	<10	<10	63	<10	70
ZZ50946		<20	0.07	<10	<10	52	<10	46
ZZ50947		<20	0.03	<10	<10	40	<10	87
ZZ50948		<20	0.05	<10	<10	49	<10	118
ZZ50949		<20	0.05	<10	<10	52	<10	113
ZZ50950		<20	0.06	<10	<10	57	<10	65
ZZ50951		<20	0.05	<10	<10	53	<10	69
ZZ50952		<20	0.06	<10	<10	48	<10	48
ZZ50953		<20	0.04	<10	<10	59	<10	86
ZZ50954		<20	0.05	<10	<10	62	<10	60
ZZ50955		<20	0.03	<10	<10	57	<10	54
ZZ50956		<20	0.01	<10	<10	69	<10	175
ZZ50957		<20	0.07	<10	<10	75	<10	59
ZZ50958		<20	0.07	<10	<10	82	<10	162
ZZ50959		<20	0.05	<10	<10	71	<10	222
ZZ50960		<20	0.02	<10	<10	57	<10	299
ZZ50961		<20	0.03	<10	<10	74	<10	134
ZZ50962		<20	0.06	<10	<10	60	<10	64
ZZ50963		<20	0.04	<10	<10	46	<10	41
ZZ50964		<20	0.06	<10	<10	56	<10	92
ZZ50965		<20	0.03	<10	<10	50	<10	79
ZZ50966		<20	0.05	<10	<10	54	<10	75
ZZ50967		<20	0.05	<10	<10	67	<10	46
ZZ50968		<20	0.06	<10	<10	55	<10	66
ZZ50969		<20	0.04	<10	<10	45	<10	32
ZZ50970		<20	0.02	<10	<10	51	<10	66
ZZ50971		<20	0.04	<10	<10	30	<10	38
ZZ50972		<20	0.05	<10	<10	56	<10	98
ZZ50973		<20	0.07	<10	<10	52	<10	72
ZZ50974		<20	0.04	<10	<10	50	<10	87
ZZ50975		<20	0.04	<10	<10	44	<10	101
ZZ50976		<20	0.06	<10	<10	47	<10	130
ZZ50977		<20	0.03	<10	<10	29	<10	102
ZZ50978		<20	0.02	<10	<10	45	<10	217
ZZ50979		<20	0.01	<10	<10	36	<10	472
ZZ50980		<20	0.03	<10	<10	52	<10	150





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North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016 - 510 W HASTINGS STREET  
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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50981		0.23	0.038	0.4	1.42	28	<10	300	0.5	<2	0.21	1.1	9	20	26	2.28
ZZ50982		0.27	0.029	0.3	2.53	24	<10	410	0.7	<2	0.23	<0.5	7	30	26	3.00
ZZ50983		0.30	0.007	<0.2	1.45	12	<10	180	<0.5	<2	0.25	<0.5	7	22	22	2.08
ZZ50984		0.25	0.145	1.2	0.92	114	<10	490	0.8	5	0.29	2.4	9	11	75	3.90
ZZ50985		0.16	0.036	1.0	1.41	53	<10	170	<0.5	3	0.14	0.6	4	16	29	2.52
ZZ50986		0.14	0.225	0.4	1.03	96	<10	160	<0.5	4	0.14	0.5	8	17	115	2.80
ZZ50987		0.23	0.099	1.0	1.04	97	<10	690	0.8	3	0.30	1.8	10	14	52	3.43
ZZ50988		0.28	0.016	0.2	1.48	19	<10	150	<0.5	<2	0.23	<0.5	9	22	14	2.02
ZZ50989		0.20	0.029	<0.2	1.56	21	<10	230	0.6	<2	0.19	0.7	10	20	26	2.82
ZZ50990		0.33	0.011	<0.2	1.08	10	<10	130	<0.5	<2	0.18	<0.5	4	18	12	1.75
ZZ50991		0.24	0.034	0.2	1.48	18	<10	340	<0.5	<2	0.30	<0.5	7	25	27	2.29
ZZ50992		0.21	0.046	0.5	1.26	50	<10	150	<0.5	<2	0.26	0.5	10	20	24	2.29
ZZ50993		0.31	0.018	0.5	1.50	16	<10	300	<0.5	<2	0.29	<0.5	6	23	16	2.01
ZZ50994		0.26	0.023	0.5	1.95	16	<10	250	0.5	2	0.25	<0.5	10	27	34	2.52
ZZ50995		0.21	0.014	0.3	2.12	19	<10	360	0.6	<2	0.29	<0.5	10	30	23	2.94
ZZ50996		0.21	0.056	0.4	1.16	25	<10	140	<0.5	<2	0.30	<0.5	5	17	14	2.02
ZZ50997		0.22	0.012	<0.2	1.42	13	<10	190	<0.5	<2	0.26	<0.5	8	22	16	2.14
ZZ50998		0.24	0.014	1.4	1.61	15	<10	180	<0.5	<2	0.28	<0.5	8	23	31	2.23
ZZ50999		0.18	0.019	0.3	1.75	10	<10	240	<0.5	<2	0.28	<0.5	7	23	21	2.18
ZZ51000		0.19	0.020	0.2	1.65	18	<10	170	<0.5	<2	0.26	<0.5	17	23	19	2.50
ZZ51553		0.39	<0.005	<0.2	1.35	11	<10	90	<0.5	<2	0.18	<0.5	6	18	19	2.69
ZZ51554		0.32	0.118	1.4	1.86	45	<10	150	<0.5	<2	0.15	<0.5	9	24	26	2.58
ZZ51555		0.39	0.009	0.2	1.24	10	<10	110	<0.5	<2	0.18	<0.5	5	19	17	2.06
ZZ51556		0.50	0.009	0.4	1.78	18	<10	110	0.5	<2	0.21	<0.5	9	24	17	2.47
ZZ51557		0.36	0.018	0.2	1.29	11	<10	120	<0.5	<2	0.27	<0.5	10	17	23	2.13
ZZ51558		0.46	0.056	3.7	1.50	36	<10	270	<0.5	<2	0.33	0.6	6	20	48	2.55
ZZ51559		0.25	<0.005	<0.2	0.71	9	<10	100	<0.5	<2	0.38	<0.5	5	9	10	1.55
ZZ51560		0.36	<0.005	0.2	1.09	8	<10	170	<0.5	<2	0.77	0.7	5	14	18	1.65
ZZ51571		0.35	0.007	0.5	1.49	20	<10	190	<0.5	<2	0.93	0.5	9	20	28	2.93
ZZ51572		0.28	0.005	0.3	1.50	19	<10	160	<0.5	<2	0.93	0.5	11	20	30	3.03
ZZ51573		0.19	<0.005	0.3	1.22	15	<10	150	<0.5	<2	1.22	<0.5	7	13	24	1.86
ZZ51574		0.37	<0.005	0.2	1.12	11	<10	150	<0.5	<2	0.97	<0.5	8	15	19	2.29
ZZ51575		0.30	0.016	0.5	1.68	16	<10	210	<0.5	<2	0.58	0.5	9	22	32	2.68
ZZ51576		0.22	<0.005	0.2	0.78	11	<10	160	<0.5	<2	1.11	0.6	6	9	21	1.87
ZZ51577		0.24	<0.005	0.3	0.65	6	<10	100	<0.5	<2	0.65	<0.5	4	7	17	1.24
ZZ51578		0.29	0.007	0.6	1.36	17	<10	220	<0.5	<2	1.01	<0.5	7	16	24	2.43
ZZ51579		0.47	0.007	0.3	1.70	19	<10	250	<0.5	<2	0.60	<0.5	10	24	26	2.90
ZZ51580		0.23	0.010	0.4	1.56	18	<10	260	<0.5	<2	0.71	<0.5	9	21	29	2.68
ZZ51581		0.28	<0.005	0.2	1.38	18	<10	260	<0.5	<2	0.83	<0.5	9	19	23	2.80
ZZ51582		0.28	0.009	0.8	1.92	20	<10	340	0.5	<2	0.64	<0.5	10	28	33	2.95



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**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50981		<10	<1	0.09	10	0.36	395	<1	0.01	10	520	37	0.01	<2	4	16
ZZ50982		10	<1	0.12	10	0.45	283	<1	0.02	13	390	25	0.01	<2	5	23
ZZ50983		10	<1	0.08	10	0.40	229	<1	0.02	12	630	16	0.01	<2	4	17
ZZ50984		<10	<1	0.11	30	0.26	587	10	0.01	4	970	143	0.02	6	7	19
ZZ50985		10	<1	0.09	10	0.14	271	1	0.01	5	360	71	0.03	<2	2	19
ZZ50986		<10	<1	0.08	10	0.17	517	1	0.01	7	470	134	0.02	2	3	12
ZZ50987		<10	<1	0.12	40	0.31	720	1	0.01	7	690	89	<0.01	3	7	24
ZZ50988		<10	<1	0.07	10	0.38	322	<1	0.02	12	540	25	0.01	<2	3	15
ZZ50989		<10	<1	0.08	20	0.33	525	<1	0.01	9	510	40	0.01	2	5	16
ZZ50990		10	<1	0.07	10	0.32	158	<1	0.01	7	290	13	0.01	<2	3	15
ZZ50991		<10	<1	0.09	20	0.45	288	<1	0.02	13	570	25	0.01	<2	5	22
ZZ50992		<10	<1	0.08	20	0.40	343	<1	0.02	8	640	88	0.01	<2	3	18
ZZ50993		<10	<1	0.08	10	0.43	168	<1	0.02	11	530	27	0.01	<2	4	20
ZZ50994		10	<1	0.08	10	0.46	373	<1	0.02	13	670	28	0.03	<2	4	20
ZZ50995		10	1	0.09	10	0.51	385	<1	0.02	16	770	15	0.03	<2	5	24
ZZ50996		<10	<1	0.08	10	0.39	141	1	0.02	7	740	49	0.01	<2	3	18
ZZ50997		<10	<1	0.07	10	0.43	416	<1	0.02	11	670	9	0.01	<2	4	17
ZZ50998		<10	<1	0.09	10	0.48	246	1	0.02	13	650	19	0.01	<2	5	19
ZZ50999		10	<1	0.07	10	0.48	231	<1	0.02	12	770	14	0.03	<2	5	21
ZZ51000		<10	<1	0.11	10	0.51	418	<1	0.02	10	650	21	0.01	<2	6	19
ZZ51553		10	<1	0.06	10	0.34	231	<1	0.02	7	440	7	0.02	<2	4	18
ZZ51554		<10	<1	0.08	10	0.37	281	<1	0.02	12	350	30	0.04	2	4	15
ZZ51555		10	<1	0.04	10	0.22	137	<1	0.02	8	370	13	0.03	<2	1	21
ZZ51556		<10	<1	0.06	10	0.38	276	<1	0.02	13	380	10	0.02	<2	3	20
ZZ51557		<10	<1	0.05	10	0.37	407	<1	0.02	8	570	12	0.01	<2	2	21
ZZ51558		<10	<1	0.08	10	0.31	559	5	0.02	12	1390	82	0.10	6	2	34
ZZ51559		<10	1	0.03	<10	0.20	281	<1	0.03	6	460	6	0.02	<2	1	23
ZZ51560		<10	1	0.04	10	0.32	233	<1	0.03	6	670	7	0.06	<2	2	48
ZZ51571		10	1	0.06	10	0.69	403	<1	0.03	8	790	25	0.07	<2	5	62
ZZ51572		10	1	0.07	10	0.73	286	<1	0.03	9	720	24	0.08	<2	6	62
ZZ51573		<10	<1	0.05	10	0.40	507	<1	0.03	6	650	12	0.08	<2	3	82
ZZ51574		<10	1	0.05	10	0.46	551	<1	0.03	7	660	11	0.06	<2	3	71
ZZ51575		10	<1	0.08	10	0.74	230	<1	0.02	8	710	37	0.10	<2	9	42
ZZ51576		<10	1	0.04	10	0.32	737	<1	0.03	5	870	21	0.10	<2	2	74
ZZ51577		<10	<1	0.04	10	0.21	268	<1	0.04	4	500	10	0.05	<2	2	47
ZZ51578		<10	1	0.06	10	0.45	447	<1	0.03	7	730	13	0.07	<2	5	72
ZZ51579		10	<1	0.08	10	0.67	426	<1	0.02	12	670	16	0.03	<2	6	46
ZZ51580		<10	<1	0.07	10	0.51	543	1	0.03	9	740	15	0.06	<2	5	51
ZZ51581		<10	<1	0.10	10	0.69	429	<1	0.03	9	800	13	0.04	2	5	59
ZZ51582		10	<1	0.07	10	0.62	400	1	0.02	14	810	17	0.06	<2	6	50



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ50981		<20	0.04	<10	<10	45	<10	94
ZZ50982		<20	0.03	<10	<10	61	<10	84
ZZ50983		<20	0.06	<10	<10	45	<10	67
ZZ50984		<20	0.02	<10	<10	42	<10	360
ZZ50985		<20	0.02	<10	<10	60	<10	146
ZZ50986		<20	0.02	<10	<10	40	<10	172
ZZ50987		<20	0.03	<10	10	47	<10	238
ZZ50988		<20	0.06	<10	<10	42	<10	77
ZZ50989		<20	0.04	<10	<10	49	<10	126
ZZ50990		<20	0.07	<10	<10	49	<10	55
ZZ50991		<20	0.07	<10	<10	46	<10	72
ZZ50992		<20	0.06	<10	<10	43	<10	97
ZZ50993		<20	0.05	<10	<10	47	<10	84
ZZ50994		<20	0.06	<10	<10	51	<10	77
ZZ50995		<20	0.06	<10	<10	60	<10	66
ZZ50996		<20	0.06	<10	<10	44	<10	85
ZZ50997		<20	0.06	<10	<10	44	<10	55
ZZ50998		<20	0.07	<10	<10	50	<10	72
ZZ50999		<20	0.06	<10	<10	52	<10	51
ZZ51000		<20	0.07	<10	<10	53	<10	70
ZZ51553		<20	0.08	<10	<10	92	<10	38
ZZ51554		<20	0.05	<10	<10	54	<10	63
ZZ51555		<20	0.06	<10	<10	60	<10	34
ZZ51556		<20	0.06	<10	<10	56	<10	48
ZZ51557		<20	0.06	<10	<10	56	<10	46
ZZ51558		<20	0.02	<10	<10	43	<10	132
ZZ51559		<20	0.06	<10	<10	48	<10	31
ZZ51560		<20	0.05	<10	<10	44	<10	73
ZZ51571		<20	0.08	<10	<10	84	<10	86
ZZ51572		<20	0.09	<10	<10	98	<10	87
ZZ51573		<20	0.05	<10	<10	47	<10	50
ZZ51574		<20	0.06	<10	<10	69	<10	68
ZZ51575		<20	0.10	<10	<10	118	<10	92
ZZ51576		<20	0.06	<10	<10	57	<10	65
ZZ51577		<20	0.04	<10	<10	34	<10	30
ZZ51578		<20	0.06	<10	<10	62	<10	63
ZZ51579		<20	0.09	<10	<10	80	<10	62
ZZ51580		<20	0.07	<10	<10	62	<10	55
ZZ51581		<20	0.09	<10	<10	86	<10	54
ZZ51582		<20	0.07	<10	<10	76	<10	65



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51583		0.25	<0.005	0.2	1.13	10	<10	190	<0.5	<2	0.86	<0.5	7	15	21	1.88
ZZ51584		0.26	0.007	0.5	1.90	28	<10	220	0.5	<2	0.58	<0.5	12	29	29	3.31
ZZ51585		0.24	0.008	0.3	1.64	15	<10	270	<0.5	<2	0.70	<0.5	11	22	34	2.61
ZZ51586		0.23	<0.005	0.2	1.03	11	<10	160	<0.5	<2	0.63	<0.5	5	13	17	1.50
ZZ51587		0.32	<0.005	0.2	1.63	20	<10	220	<0.5	<2	0.47	<0.5	9	23	24	2.64
ZZ51588		0.25	<0.005	0.2	1.26	45	<10	200	<0.5	<2	0.52	<0.5	8	18	19	2.78
ZZ51589		0.33	<0.005	0.3	1.56	11	<10	200	<0.5	<2	0.48	<0.5	8	21	33	2.31
ZZ51590		0.15	<0.005	0.2	0.38	3	<10	40	<0.5	<2	0.25	<0.5	4	6	10	1.45
ZZ51591		0.28	<0.005	<0.2	0.38	<2	<10	20	<0.5	<2	0.14	<0.5	2	3	5	0.89
ZZ51592		0.27	0.025	1.9	1.18	15	<10	150	<0.5	<2	0.20	0.8	9	14	29	2.03
ZZ51593		0.28	0.045	0.5	1.66	29	<10	250	<0.5	<2	0.28	<0.5	9	23	31	2.72
ZZ51594		0.35	0.062	2.0	2.22	27	<10	200	0.5	<2	0.21	0.5	12	29	27	3.08
ZZ51595		0.34	0.043	0.3	1.85	30	<10	210	<0.5	<2	0.18	<0.5	11	28	21	3.33
ZZ51596		0.50	0.066	1.6	0.97	40	<10	200	0.5	<2	0.28	0.9	7	17	41	2.58
ZZ51597		0.24	0.047	1.3	1.74	25	<10	310	0.6	<2	0.46	0.5	9	21	33	3.21
ZZ51598		0.34	0.020	0.3	1.05	15	<10	170	<0.5	<2	0.27	<0.5	4	16	10	1.90
ZZ51599		0.28	<0.005	0.4	0.64	5	<10	230	<0.5	<2	0.32	<0.5	4	7	19	1.25
ZZ51600		0.53	0.080	1.2	1.88	34	<10	380	0.5	3	0.31	<0.5	7	25	71	3.34
ZZ51601	Not Recvd															
ZZ51602	Not Recvd															
ZZ51603	Not Recvd															
ZZ51604	Not Recvd															
ZZ51605	Not Recvd															
ZZ51606	Not Recvd															
ZZ51607	Not Recvd															
ZZ51608	Not Recvd															
ZZ51609	Not Recvd															
ZZ51610	Not Recvd															
ZZ51611	Not Recvd															
ZZ51612	Not Recvd															
ZZ51613	Not Recvd															
ZZ51614	Not Recvd															
ZZ51615	Not Recvd															
ZZ51616	Not Recvd															
ZZ51617	Not Recvd															
ZZ51618	Not Recvd															
ZZ51619	Not Recvd															
ZZ51620	Not Recvd															
ZZ51653		0.33	0.020	0.6	1.60	49	<10	320	0.7	2	0.28	<0.5	15	18	21	4.64
ZZ51654		0.25	0.017	0.6	1.38	81	<10	400	0.7	<2	0.31	<0.5	16	16	26	4.81



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**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ51583		<10	<1	0.04	10	0.33	407	<1	0.03	8	810	7	0.06	<2	3	63
ZZ51584		10	<1	0.07	10	0.60	702	2	0.02	14	830	19	0.04	<2	6	46
ZZ51585		10	1	0.05	10	0.45	735	1	0.03	11	1050	13	0.08	<2	4	59
ZZ51586		<10	1	0.04	10	0.28	171	<1	0.03	6	720	6	0.07	<2	2	47
ZZ51587		10	<1	0.07	10	0.56	456	<1	0.02	12	680	13	0.04	<2	5	37
ZZ51588		<10	1	0.05	10	0.47	424	<1	0.03	8	730	12	0.04	<2	4	43
ZZ51589		10	<1	0.05	10	0.54	242	<1	0.03	10	560	13	0.02	<2	5	36
ZZ51590		<10	1	0.02	<10	0.09	178	<1	0.04	2	540	<2	0.02	<2	1	21
ZZ51591		<10	<1	0.02	<10	0.05	53	<1	0.04	1	580	2	0.02	<2	<1	13
ZZ51592		<10	1	0.05	10	0.12	1270	2	0.03	5	1270	59	0.10	3	<1	24
ZZ51593		10	1	0.07	10	0.43	563	<1	0.02	12	560	36	0.02	<2	4	20
ZZ51594		10	1	0.08	10	0.48	616	<1	0.01	16	440	68	0.02	<2	4	20
ZZ51595		10	<1	0.10	10	0.40	497	<1	0.01	12	440	24	0.02	2	4	16
ZZ51596		<10	<1	0.08	20	0.35	414	1	0.01	10	640	80	0.01	7	4	19
ZZ51597		10	<1	0.08	10	0.42	631	1	0.02	10	640	48	0.04	4	6	29
ZZ51598		<10	1	0.05	10	0.30	167	<1	0.02	7	620	12	0.02	<2	3	21
ZZ51599		<10	<1	0.03	<10	0.11	765	<1	0.04	4	700	5	0.07	<2	1	34
ZZ51600		10	1	0.09	10	0.47	458	1	0.02	14	1020	23	0.06	4	5	35
ZZ51601																
ZZ51602																
ZZ51603																
ZZ51604																
ZZ51605																
ZZ51606																
ZZ51607																
ZZ51608																
ZZ51609																
ZZ51610																
ZZ51611																
ZZ51612																
ZZ51613																
ZZ51614																
ZZ51615																
ZZ51616																
ZZ51617																
ZZ51618																
ZZ51619																
ZZ51620																
ZZ51653		<10	<1	0.09	20	0.50	504	3	0.02	9	790	50	0.05	2	8	24
ZZ51654		<10	1	0.09	20	0.39	791	3	0.02	7	750	86	0.06	5	8	23



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To: ROCKHAVEN RESOURCES LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016 - 510 W HASTINGS STREET  
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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51583		<20	0.05	<10	<10	48	<10	43
ZZ51584		<20	0.06	<10	<10	69	<10	60
ZZ51585		<20	0.05	<10	<10	57	<10	47
ZZ51586		<20	0.04	<10	<10	36	<10	30
ZZ51587		<20	0.06	<10	<10	64	<10	52
ZZ51588		<20	0.07	<10	<10	85	<10	47
ZZ51589		<20	0.07	<10	<10	73	<10	45
ZZ51590		<20	0.07	<10	<10	51	<10	20
ZZ51591		<20	0.05	<10	<10	30	<10	11
ZZ51592		<20	0.01	<10	<10	46	<10	78
ZZ51593		<20	0.04	<10	<10	57	<10	76
ZZ51594		<20	0.07	<10	<10	63	<10	136
ZZ51595		<20	0.06	<10	<10	67	<10	63
ZZ51596		<20	0.05	<10	<10	45	<10	99
ZZ51597		<20	0.04	<10	<10	69	<10	100
ZZ51598		<20	0.05	<10	<10	44	<10	42
ZZ51599		<20	0.04	<10	<10	35	<10	37
ZZ51600		<20	0.04	<10	<10	66	<10	104
ZZ51601								
ZZ51602								
ZZ51603								
ZZ51604								
ZZ51605								
ZZ51606								
ZZ51607								
ZZ51608								
ZZ51609								
ZZ51610								
ZZ51611								
ZZ51612								
ZZ51613								
ZZ51614								
ZZ51615								
ZZ51616								
ZZ51617								
ZZ51618								
ZZ51619								
ZZ51620								
ZZ51653		<20	0.03	<10	<10	73	<10	122
ZZ51654		<20	0.02	<10	<10	63	<10	162



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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51655		0.27	0.013	0.5	1.44	179	<10	300	0.7	<2	0.22	<0.5	11	22	23	5.84
ZZ51656		0.23	0.021	0.7	1.80	108	<10	300	0.7	4	0.24	0.5	15	23	35	4.49
ZZ51657		0.30	0.014	0.6	1.92	93	<10	190	0.6	3	0.23	<0.5	13	21	31	3.65
ZZ51658		0.24	0.061	0.7	0.92	1050	<10	540	1.3	4	0.45	1.0	22	10	28	6.48
ZZ51659		0.18	0.008	0.3	1.74	35	<10	130	0.7	6	0.10	<0.5	21	13	25	6.08
ZZ51660		0.28	0.015	0.7	1.56	27	<10	220	<0.5	2	0.38	<0.5	12	21	18	2.44
ZZ51671		0.31	<0.005	0.3	1.99	21	<10	240	<0.5	2	0.38	<0.5	9	24	23	2.81
ZZ51672		0.26	<0.005	0.3	2.46	22	<10	330	0.5	2	0.44	<0.5	12	30	27	3.62
ZZ51673		0.29	0.010	0.6	2.32	17	<10	310	0.5	<2	0.54	<0.5	11	30	31	3.14
ZZ51674		0.29	<0.005	<0.2	1.50	9	<10	260	<0.5	<2	0.49	<0.5	10	20	14	2.76
ZZ51675		0.29	0.015	0.8	1.86	20	<10	240	<0.5	2	0.30	<0.5	10	24	25	2.92
ZZ51676		0.41	0.015	0.5	1.64	14	<10	200	<0.5	<2	0.45	<0.5	11	25	28	3.23
ZZ51677		0.21	0.023	0.7	1.12	15	<10	140	<0.5	<2	0.19	<0.5	6	18	15	2.67
ZZ51678		0.17	<0.005	0.2	1.53	13	<10	140	<0.5	<2	0.22	<0.5	8	21	16	2.43
ZZ51679		0.26	0.036	0.8	3.37	23	<10	510	1.0	<2	0.43	<0.5	9	31	53	3.66
ZZ51680		0.23	0.010	<0.2	1.06	29	<10	130	<0.5	<2	0.11	<0.5	6	17	20	1.94
ZZ51681		0.41	0.020	2.0	1.68	1750	<10	490	0.7	4	0.23	2.1	12	32	188	4.36
ZZ51682		0.37	0.009	1.0	1.35	129	<10	630	0.5	2	0.28	<0.5	6	20	25	2.82
ZZ51683		0.17	0.009	0.4	1.01	111	<10	160	<0.5	<2	0.13	<0.5	4	17	13	2.07
ZZ51684		0.33	0.005	0.2	1.43	16	<10	110	<0.5	<2	0.13	<0.5	5	24	14	2.21
ZZ51685		0.34	0.005	0.3	1.56	23	<10	220	0.5	<2	0.23	<0.5	6	22	20	2.11
ZZ51686		0.21	<0.005	<0.2	1.09	14	<10	150	<0.5	<2	0.25	<0.5	9	19	14	2.12
ZZ51687		0.33	<0.005	0.2	1.51	10	<10	150	<0.5	<2	0.31	<0.5	7	23	22	2.53
ZZ51688		0.43	<0.005	0.2	1.35	9	<10	140	<0.5	<2	0.33	<0.5	6	21	15	1.87
ZZ51689		0.40	<0.005	<0.2	1.73	11	<10	220	0.5	<2	0.38	<0.5	8	31	22	2.01
ZZ51690		0.36	<0.005	0.2	2.10	12	<10	170	0.6	<2	0.27	<0.5	8	28	21	2.54
ZZ51691		0.28	<0.005	0.2	1.32	29	<10	130	<0.5	<2	0.19	<0.5	6	21	21	2.02
ZZ51692		0.28	0.006	0.2	1.32	50	<10	190	<0.5	2	0.16	<0.5	6	25	25	2.57
ZZ51693		0.18	<0.005	0.3	1.42	82	<10	320	1.0	3	0.15	0.7	10	22	119	2.94
ZZ51694		0.20	<0.005	0.3	1.54	24	<10	290	0.7	2	0.39	<0.5	11	23	43	3.10
ZZ51695		0.35	<0.005	0.4	1.75	38	<10	310	0.7	<2	0.55	<0.5	11	25	39	2.88
ZZ51696		0.27	<0.005	<0.2	1.48	19	<10	230	0.5	2	0.33	<0.5	9	21	22	2.62
ZZ51697		0.32	0.006	0.5	1.63	99	<10	320	0.6	4	0.60	<0.5	9	22	38	2.84
ZZ51698		0.28	<0.005	0.2	0.78	18	<10	180	<0.5	<2	0.33	<0.5	8	12	13	2.09
ZZ51699		0.26	0.005	0.3	1.24	28	<10	290	<0.5	2	0.37	<0.5	9	18	23	1.90
ZZ51700		0.23	<0.005	<0.2	0.39	4	<10	70	<0.5	<2	0.20	<0.5	2	5	7	0.76
ZZ51701		0.19	<0.005	0.2	0.46	5	<10	140	<0.5	<2	0.29	<0.5	3	6	9	0.95
ZZ51722		0.25	<0.005	0.2	1.36	18	<10	140	<0.5	<2	0.31	<0.5	5	22	14	1.94
ZZ51723		0.33	0.027	0.6	1.50	28	<10	140	<0.5	<2	0.24	<0.5	8	24	17	2.60
ZZ51724		0.31	<0.005	0.2	1.07	17	<10	180	<0.5	<2	0.56	<0.5	7	26	19	2.30



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**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
ZZ51655		<10	1	0.09	20	0.31	540	4	0.01	8	600	47	0.03	4	6
ZZ51656		10	<1	0.11	20	0.37	2230	2	0.01	13	870	72	0.06	6	7
ZZ51657		10	<1	0.12	10	0.60	614	2	0.02	13	390	57	0.02	5	7
ZZ51658		<10	<1	0.12	20	0.25	3360	2	0.01	12	860	75	0.02	14	11
ZZ51659		10	<1	0.09	20	0.34	1145	7	0.01	9	920	31	0.22	<2	6
ZZ51660		10	<1	0.07	10	0.51	276	1	0.02	7	610	41	0.02	<2	6
ZZ51671		10	<1	0.09	10	0.60	329	1	0.02	14	480	14	<0.01	<2	5
ZZ51672		10	<1	0.10	10	0.81	557	1	0.02	15	480	17	<0.01	2	7
ZZ51673		10	<1	0.11	10	0.70	576	1	0.02	16	690	17	0.02	<2	5
ZZ51674		10	<1	0.11	10	0.88	433	<1	0.02	10	660	11	<0.01	<2	4
ZZ51675		10	<1	0.12	10	0.63	544	1	0.02	13	540	29	0.02	2	5
ZZ51676		10	<1	0.14	20	0.86	439	1	0.03	12	770	37	0.01	2	7
ZZ51677		<10	<1	0.10	10	0.39	469	2	0.01	9	540	69	0.05	3	3
ZZ51678		10	<1	0.08	10	0.36	484	1	0.01	11	540	23	0.01	<2	3
ZZ51679		10	<1	0.13	20	0.57	512	2	0.02	18	880	24	0.03	2	6
ZZ51680		<10	<1	0.06	10	0.22	335	1	0.01	8	520	15	0.04	2	1
ZZ51681		<10	<1	0.14	30	0.55	1410	6	0.01	11	700	154	0.15	37	7
ZZ51682		<10	<1	0.11	10	0.25	560	3	0.01	8	800	30	0.05	7	4
ZZ51683		10	<1	0.06	10	0.21	230	2	0.01	7	360	19	0.03	3	2
ZZ51684		10	<1	0.06	10	0.33	224	1	0.01	10	380	12	0.01	<2	2
ZZ51685		<10	<1	0.09	10	0.39	292	1	0.02	12	770	13	0.04	2	2
ZZ51686		10	<1	0.07	10	0.35	2090	1	0.02	8	660	9	0.04	<2	1
ZZ51687		10	<1	0.09	10	0.46	462	1	0.02	10	600	17	0.03	3	2
ZZ51688		<10	<1	0.09	10	0.47	301	1	0.01	9	510	11	0.03	2	3
ZZ51689		10	<1	0.15	20	0.61	195	<1	0.01	12	230	18	0.04	2	6
ZZ51690		10	<1	0.08	10	0.59	402	1	0.01	15	510	13	0.01	<2	3
ZZ51691		<10	<1	0.08	10	0.34	386	1	0.01	11	580	19	0.02	<2	2
ZZ51692		10	<1	0.07	10	0.38	382	2	0.01	12	520	21	0.04	4	2
ZZ51693		<10	<1	0.11	20	0.37	1205	4	0.01	12	560	24	0.05	11	3
ZZ51694		10	<1	0.13	20	0.57	877	5	0.02	11	680	20	0.02	5	6
ZZ51695		10	<1	0.12	20	0.60	793	5	0.02	13	700	19	0.04	5	5
ZZ51696		10	<1	0.13	10	0.53	649	2	0.01	11	440	20	0.02	<2	4
ZZ51697		<10	<1	0.10	20	0.51	790	3	0.02	12	680	21	0.05	4	4
ZZ51698		<10	<1	0.05	10	0.26	553	1	0.03	5	830	8	0.02	<2	2
ZZ51699		<10	<1	0.06	10	0.35	2800	2	0.02	8	960	16	0.05	<2	3
ZZ51700		<10	<1	0.03	<10	0.10	82	<1	0.03	1	630	2	0.01	<2	1
ZZ51701		<10	<1	0.02	<10	0.10	281	<1	0.04	3	690	4	0.03	<2	1
ZZ51722		<10	<1	0.06	10	0.38	215	1	0.01	11	490	13	0.01	<2	3
ZZ51723		<10	<1	0.08	10	0.37	448	1	0.01	13	570	22	0.01	<2	4
ZZ51724		<10	<1	0.11	10	0.38	376	1	0.02	14	940	16	0.01	2	5





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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51655		<20	0.01	<10	<10	53	<10	123
ZZ51656		<20	0.03	<10	<10	60	<10	139
ZZ51657		<20	0.06	<10	<10	68	<10	128
ZZ51658		<20	0.01	<10	<10	60	<10	190
ZZ51659		<20	0.02	<10	<10	70	<10	76
ZZ51660		<20	0.07	<10	<10	83	<10	99
ZZ51671		<20	0.09	<10	<10	71	<10	60
ZZ51672		<20	0.10	<10	<10	93	<10	66
ZZ51673		<20	0.07	<10	<10	75	<10	70
ZZ51674		<20	0.12	<10	<10	87	<10	65
ZZ51675		<20	0.08	<10	<10	70	<10	68
ZZ51676		<20	0.13	<10	<10	82	<10	90
ZZ51677		<20	0.06	<10	<10	41	<10	74
ZZ51678		<20	0.06	<10	<10	50	<10	58
ZZ51679		<20	0.03	<10	<10	66	<10	91
ZZ51680		<20	0.05	<10	<10	50	<10	45
ZZ51681		<20	0.02	<10	<10	55	<10	249
ZZ51682		<20	0.02	<10	<10	48	<10	79
ZZ51683		<20	0.07	<10	<10	61	<10	43
ZZ51684		<20	0.06	<10	<10	54	<10	48
ZZ51685		<20	0.05	<10	<10	47	<10	49
ZZ51686		<20	0.04	<10	<10	49	<10	48
ZZ51687		<20	0.04	<10	<10	57	<10	61
ZZ51688		<20	0.05	<10	<10	44	<10	49
ZZ51689		<20	0.07	<10	<10	64	<10	55
ZZ51690		<20	0.07	<10	<10	56	<10	56
ZZ51691		<20	0.06	<10	<10	44	<10	56
ZZ51692		<20	0.07	<10	<10	58	<10	58
ZZ51693		<20	0.04	<10	<10	52	<10	135
ZZ51694		<20	0.04	<10	<10	63	<10	74
ZZ51695		<20	0.05	<10	<10	59	<10	75
ZZ51696		<20	0.06	<10	<10	53	<10	59
ZZ51697		<20	0.04	<10	<10	53	<10	87
ZZ51698		<20	0.08	<10	<10	61	<10	46
ZZ51699		<20	0.04	<10	<10	48	<10	62
ZZ51700		<20	0.05	<10	<10	25	<10	16
ZZ51701		<20	0.04	<10	<10	28	<10	22
ZZ51722		<20	0.06	<10	<10	45	<10	58
ZZ51723		<20	0.06	<10	<10	59	<10	92
ZZ51724		<20	0.07	<10	<10	54	<10	68



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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51725		0.36	0.009	0.2	1.02	8	<10	160	<0.5	<2	0.41	<0.5	4	20	15	1.35
ZZ51726		0.29	0.005	0.3	1.12	19	<10	160	<0.5	<2	0.35	<0.5	4	20	18	1.82
ZZ51727		0.27	0.032	2.6	2.33	47	<10	450	0.9	<2	0.72	0.6	8	30	59	3.05
ZZ51728		0.36	0.020	0.9	1.32	37	<10	260	0.5	<2	0.46	0.7	5	21	41	2.09
ZZ51729		0.23	0.028	1.0	1.40	43	<10	290	0.6	<2	0.40	0.5	5	20	37	1.98
ZZ51730		0.30	0.013	1.3	1.44	25	<10	330	<0.5	<2	0.42	0.6	6	21	29	1.95
ZZ51731		0.33	<0.005	0.4	1.00	13	<10	140	<0.5	<2	0.15	0.6	6	18	10	1.81
ZZ51732		0.24	0.007	0.2	1.25	13	<10	170	<0.5	<2	0.27	<0.5	6	20	8	1.75
ZZ51733		0.29	0.012	0.4	1.15	64	<10	160	0.6	2	0.24	<0.5	11	25	22	3.81
ZZ51734		0.31	0.014	0.4	1.53	91	<10	320	0.7	3	0.30	<0.5	10	26	27	3.53
ZZ51735		0.21	0.006	0.7	1.10	106	<10	210	0.8	3	0.15	<0.5	15	20	27	4.30
ZZ51736		0.23	0.055	0.7	1.26	691	<10	100	0.7	7	0.14	3.3	17	18	46	5.43
ZZ51737		0.15	<0.005	0.2	1.31	14	<10	160	<0.5	<2	0.31	<0.5	5	17	13	2.30
ZZ51738		0.10	<0.005	0.4	2.38	29	<10	330	<0.5	<2	0.69	<0.5	11	21	22	3.37
ZZ51739		0.28	<0.005	0.3	1.78	18	<10	240	<0.5	<2	0.60	<0.5	11	28	29	2.94
ZZ51740		0.28	<0.005	<0.2	1.25	8	<10	140	<0.5	<2	0.35	<0.5	6	19	12	1.75
ZZ51741		0.14	0.012	<0.2	1.58	15	<10	210	<0.5	<2	0.46	<0.5	6	21	18	2.31
ZZ51742		0.13	<0.005	0.4	1.69	15	<10	250	<0.5	<2	0.44	<0.5	4	15	19	1.74
ZZ51743		0.20	<0.005	0.2	1.60	22	<10	180	<0.5	<2	0.35	<0.5	7	21	20	2.15
ZZ51744		0.21	0.009	0.4	1.18	103	<10	160	0.5	<2	0.40	<0.5	8	14	25	3.36
ZZ51745		0.16	0.011	0.5	1.50	58	<10	220	0.5	<2	0.44	<0.5	7	15	22	2.75
ZZ51746		0.26	0.005	0.2	1.38	32	<10	190	<0.5	<2	0.33	<0.5	6	18	16	2.30
ZZ51747		0.19	0.013	0.4	1.79	48	<10	310	0.5	<2	0.37	<0.5	8	22	25	2.82
ZZ51748		0.24	<0.005	0.2	1.70	42	<10	120	<0.5	<2	0.19	<0.5	8	22	18	3.21
ZZ51749		0.26	<0.005	<0.2	1.25	18	<10	140	<0.5	<2	0.40	<0.5	10	18	12	2.57
ZZ51831		0.26	0.007	0.3	1.25	34	<10	170	<0.5	<2	0.27	<0.5	6	20	16	2.10
ZZ51832		0.21	0.012	0.2	0.96	24	<10	120	<0.5	<2	0.35	<0.5	6	18	13	1.80
ZZ51833		0.14	0.007	1.7	1.04	66	<10	170	<0.5	<2	0.33	<0.5	6	19	20	2.18
ZZ51834		0.30	0.011	0.8	1.18	61	<10	210	<0.5	<2	0.34	<0.5	6	21	20	2.22
ZZ51835		0.18	0.079	0.7	1.13	130	<10	140	0.5	3	0.30	1.3	7	18	33	3.21
ZZ51836		0.18	0.154	0.9	1.03	117	<10	170	0.5	5	0.29	3.2	5	14	34	3.08
ZZ51837		0.20	0.036	0.7	1.09	69	<10	230	<0.5	2	0.32	0.9	6	18	23	2.36
ZZ51838		0.39	0.008	0.5	1.64	54	<10	170	<0.5	<2	0.35	0.5	8	28	19	2.76
ZZ51839		0.05	<0.005	0.3	1.13	17	<10	300	<0.5	<2	0.97	<0.5	6	17	13	1.66
ZZ51840		0.12	<0.005	0.2	1.26	12	<10	240	<0.5	<2	0.55	<0.5	4	24	19	1.90
ZZ51901		0.35	0.055	0.5	1.12	10	<10	280	<0.5	<2	0.25	<0.5	4	15	31	1.78
ZZ51902		0.38	0.045	0.7	1.04	22	<10	240	<0.5	<2	0.24	<0.5	5	14	21	1.85
ZZ51903		0.31	0.010	0.9	0.69	5	<10	270	<0.5	2	0.31	<0.5	18	8	25	1.72
ZZ51904		0.39	<0.005	0.2	0.37	<2	<10	180	<0.5	<2	0.28	<0.5	14	5	14	1.21
ZZ51905		0.41	0.022	0.2	1.43	8	<10	220	0.5	<2	0.31	<0.5	9	20	34	2.46



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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
ZZ51725		<10	<1	0.09	10	0.34	333	<1	0.01	8	690	38	0.01	2	3
ZZ51726		<10	<1	0.07	10	0.37	261	<1	0.01	11	440	17	0.01	<2	3
ZZ51727		10	<1	0.18	30	0.51	1225	1	0.02	16	570	48	0.03	4	7
ZZ51728		<10	<1	0.08	20	0.40	330	<1	0.01	12	550	33	0.01	3	4
ZZ51729		<10	<1	0.11	20	0.33	318	1	0.01	13	470	22	0.01	2	4
ZZ51730		<10	<1	0.11	10	0.37	288	1	0.01	12	390	33	0.01	2	3
ZZ51731		<10	<1	0.09	10	0.30	500	1	<0.01	9	270	13	<0.01	2	2
ZZ51732		<10	1	0.06	10	0.37	204	1	0.01	9	550	13	0.02	3	4
ZZ51733		<10	<1	0.11	20	0.37	710	3	<0.01	14	560	36	0.07	5	6
ZZ51734		<10	<1	0.12	20	0.40	640	3	0.01	14	540	34	0.06	6	6
ZZ51735		<10	<1	0.10	20	0.25	1310	4	<0.01	13	750	57	0.09	6	4
ZZ51736		<10	<1	0.09	10	0.36	1875	4	0.01	13	480	168	0.11	17	7
ZZ51737		<10	<1	0.05	10	0.36	267	1	0.01	8	700	9	0.04	2	3
ZZ51738		10	<1	0.09	10	0.48	647	1	0.03	10	800	13	0.06	2	6
ZZ51739		10	<1	0.09	10	0.78	508	1	0.02	12	760	15	0.01	<2	6
ZZ51740		<10	<1	0.06	10	0.51	238	<1	0.01	9	270	9	0.01	<2	3
ZZ51741		<10	<1	0.08	10	0.49	373	1	0.02	11	400	8	0.02	2	3
ZZ51742		<10	<1	0.07	10	0.29	168	1	0.03	9	640	6	0.04	<2	2
ZZ51743		<10	<1	0.07	10	0.46	297	1	0.01	12	540	9	0.02	<2	3
ZZ51744		<10	<1	0.07	10	0.37	472	3	0.02	10	690	36	0.04	5	5
ZZ51745		<10	<1	0.07	10	0.39	436	2	0.03	9	690	17	0.06	3	4
ZZ51746		<10	<1	0.08	10	0.41	312	1	0.01	11	570	11	0.02	2	3
ZZ51747		<10	<1	0.09	10	0.54	589	1	0.02	14	640	18	0.02	4	5
ZZ51748		10	<1	0.08	10	0.44	462	2	<0.01	11	390	15	0.01	2	4
ZZ51749		<10	<1	0.08	10	0.48	459	1	0.02	9	710	11	0.02	<2	4
ZZ51831		<10	<1	0.08	10	0.44	243	1	0.01	12	280	16	0.01	2	3
ZZ51832		<10	<1	0.06	10	0.38	261	1	0.01	10	590	7	0.01	<2	3
ZZ51833		<10	<1	0.07	10	0.40	317	1	0.01	10	570	28	0.01	3	3
ZZ51834		<10	<1	0.07	10	0.42	266	2	0.01	11	410	16	0.01	2	3
ZZ51835		<10	<1	0.07	20	0.40	505	3	0.01	10	540	56	0.02	5	3
ZZ51836		<10	<1	0.07	10	0.25	266	4	0.01	7	540	32	0.02	4	2
ZZ51837		<10	<1	0.06	10	0.33	394	3	0.01	9	590	17	0.01	3	3
ZZ51838		10	<1	0.11	10	0.50	399	1	0.01	14	380	44	<0.01	2	4
ZZ51839		<10	<1	0.07	10	0.24	399	<1	0.03	6	780	22	0.06	2	3
ZZ51840		<10	<1	0.09	10	0.36	190	<1	0.02	9	700	19	0.03	<2	5
ZZ51901		<10	<1	0.06	10	0.26	190	1	0.02	7	570	27	0.04	<2	2
ZZ51902		<10	<1	0.05	10	0.25	250	1	0.02	6	570	31	0.02	<2	2
ZZ51903		<10	<1	0.03	10	0.09	1415	1	0.03	4	1030	3	0.07	<2	2
ZZ51904		<10	<1	0.02	10	0.07	2460	<1	0.04	2	580	2	0.05	<2	1
ZZ51905		<10	<1	0.06	10	0.40	345	1	0.02	10	940	12	0.04	<2	4



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**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51725		<20	0.06	<10	<10	37	<10	65
ZZ51726		<20	0.06	<10	<10	41	<10	54
ZZ51727		<20	0.04	<10	<10	53	<10	178
ZZ51728		<20	0.05	<10	<10	40	<10	155
ZZ51729		<20	0.04	<10	<10	37	<10	101
ZZ51730		<20	0.04	<10	<10	40	<10	112
ZZ51731		<20	0.06	<10	<10	43	<10	72
ZZ51732		<20	0.05	<10	<10	40	<10	53
ZZ51733		<20	0.03	<10	<10	55	<10	95
ZZ51734		<20	0.02	<10	<10	53	<10	93
ZZ51735		<20	0.02	<10	<10	49	<10	139
ZZ51736		<20	0.04	<10	<10	60	<10	352
ZZ51737		<20	0.04	<10	<10	41	<10	49
ZZ51738		<20	0.05	<10	<10	64	<10	69
ZZ51739		<20	0.12	<10	<10	86	<10	74
ZZ51740		<20	0.08	<10	<10	42	<10	46
ZZ51741		<20	0.07	<10	<10	57	<10	52
ZZ51742		<20	0.05	<10	<10	38	<10	38
ZZ51743		<20	0.06	<10	<10	46	<10	48
ZZ51744		<20	0.03	<10	<10	49	<10	107
ZZ51745		<20	0.03	<10	<10	51	<10	75
ZZ51746		<20	0.05	<10	<10	49	<10	54
ZZ51747		<20	0.06	<10	<10	56	<10	87
ZZ51748		<20	0.05	<10	<10	71	<10	70
ZZ51749		<20	0.06	<10	<10	49	<10	47
ZZ51831		<20	0.07	<10	<10	42	<10	65
ZZ51832		<20	0.06	<10	<10	37	<10	38
ZZ51833		<20	0.06	<10	<10	42	<10	66
ZZ51834		<20	0.07	<10	<10	44	<10	66
ZZ51835		<20	0.04	<10	<10	41	<10	176
ZZ51836		<20	0.03	<10	<10	40	<10	399
ZZ51837		<20	0.04	<10	<10	37	<10	176
ZZ51838		<20	0.09	<10	<10	59	<10	124
ZZ51839		<20	0.04	<10	<10	41	<10	64
ZZ51840		<20	0.06	<10	<10	48	<10	57
ZZ51901		<20	0.04	<10	<10	40	<10	47
ZZ51902		<20	0.04	<10	<10	43	<10	69
ZZ51903		<20	0.05	<10	<10	40	<10	21
ZZ51904		<20	0.05	<10	<10	36	<10	17
ZZ51905		<20	0.07	<10	<10	60	<10	44



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**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51906		0.27	<0.005	0.3	0.28	<2	<10	70	<0.5	<2	0.12	<0.5	6	5	6	1.35
ZZ51907		0.49	0.036	0.8	1.80	20	<10	420	0.6	<2	0.41	0.6	9	21	50	2.86
ZZ51908		0.33	0.020	0.4	1.28	6	<10	300	<0.5	<2	0.34	<0.5	6	17	21	1.84
ZZ51909		0.56	0.025	0.3	1.06	13	<10	220	0.5	<2	0.29	<0.5	5	17	23	2.13
ZZ51910		0.21	<0.005	<0.2	0.40	4	<10	90	<0.5	<2	0.30	<0.5	3	7	13	1.49
ZZ51893		0.31	0.081	2.4	0.87	31	<10	390	<0.5	5	0.18	0.6	4	7	93	2.85
ZZ51894		0.56	0.038	0.8	0.82	11	<10	300	<0.5	2	0.19	0.6	5	14	43	1.82
ZZ51895		0.31	0.010	0.9	0.65	10	<10	280	<0.5	2	0.23	<0.5	4	7	33	2.13
ZZ51896		0.31	0.031	2.8	1.24	17	<10	450	<0.5	3	0.28	0.8	3	12	50	2.55
ZZ51897		0.46	0.050	1.3	1.03	26	<10	380	<0.5	2	0.23	1.2	4	14	73	2.35
ZZ51898		0.38	0.132	1.6	1.41	28	<10	420	<0.5	3	0.24	<0.5	5	18	63	2.35
ZZ51899		0.38	0.083	3.1	1.74	39	<10	650	0.6	<2	0.32	2.6	13	22	93	2.83
ZZ51900		0.34	0.074	2.2	1.72	51	<10	780	0.6	<2	0.36	2.2	5	16	73	2.56
ZZ50769	Not Recvd															
ZZ50770	Not Recvd															
ZZ50771		0.25	0.018	0.6	1.63	66	<10	280	<0.5	2	0.30	0.7	7	25	20	2.38
ZZ50772		0.21	0.044	3.3	2.29	194	<10	480	0.6	2	0.32	0.6	7	24	31	3.16
ZZ50773		0.23	0.034	1.7	1.66	54	<10	440	0.5	<2	0.45	0.8	9	20	39	2.83
ZZ50774		0.32	0.032	<0.2	1.14	10	<10	190	<0.5	<2	0.29	<0.5	6	18	21	2.16
ZZ50775		0.31	0.005	0.2	1.26	11	<10	170	<0.5	2	0.25	<0.5	6	17	13	2.14
ZZ50776		0.33	<0.005	<0.2	1.35	8	<10	190	<0.5	<2	0.23	<0.5	5	19	12	1.68
ZZ50777		0.27	0.010	<0.2	1.60	14	<10	230	<0.5	<2	0.25	<0.5	8	26	15	1.90
ZZ50778		0.29	<0.005	0.2	1.45	9	<10	170	<0.5	<2	0.20	<0.5	5	22	11	1.68
ZZ50779		0.27	<0.005	0.2	1.53	14	<10	250	<0.5	<2	0.24	<0.5	5	24	17	2.36
ZZ50780		0.37	<0.005	<0.2	1.45	14	<10	290	<0.5	<2	0.26	<0.5	7	23	17	2.12
ZZ51921		0.32	0.010	1.5	1.21	64	<10	220	0.5	<2	0.47	<0.5	5	19	28	2.22
ZZ51922		0.52	0.012	1.5	1.56	145	<10	190	<0.5	<2	0.31	0.7	6	20	25	2.36
ZZ51923		0.46	0.005	0.5	1.45	72	<10	160	<0.5	<2	0.23	0.5	5	21	14	2.21
ZZ51924		0.37	<0.005	0.8	1.77	23	<10	160	0.5	<2	0.22	<0.5	6	26	22	2.59
ZZ51925		0.41	<0.005	0.9	1.31	18	<10	120	<0.5	<2	0.12	<0.5	7	17	13	1.90
ZZ51926		0.29	0.030	3.1	1.83	196	<10	150	0.6	<2	0.33	1.7	9	18	30	2.71
ZZ51927		0.42	0.029	3.7	1.42	121	<10	130	0.6	<2	0.42	1.7	6	20	25	2.20
ZZ51928		0.23	0.007	0.9	1.21	53	<10	130	<0.5	<2	0.29	<0.5	5	15	16	2.00
ZZ51929		0.30	0.011	2.3	1.27	54	<10	140	<0.5	<2	0.31	<0.5	5	19	16	1.70
ZZ51930		0.27	<0.005	0.3	2.28	32	<10	170	0.5	2	0.17	0.6	7	26	25	2.90
ZZ51931		0.33	<0.005	0.7	1.61	15	<10	110	<0.5	<2	0.16	<0.5	7	23	14	2.31
ZZ51932		0.32	<0.005	1.4	1.47	64	<10	160	<0.5	2	0.22	0.6	8	21	21	2.29
ZZ51933		0.32	0.006	1.6	0.92	26	<10	110	<0.5	<2	0.30	<0.5	3	9	12	1.41
ZZ51934		0.39	<0.005	1.1	0.68	11	<10	110	<0.5	<2	0.17	<0.5	2	6	9	0.69
ZZ51935		0.22	0.010	2.9	1.39	46	<10	180	<0.5	<2	0.46	<0.5	4	15	19	1.63



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**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ51906		<10	<1	0.02	<10	0.05	858	<1	0.03	2	350	3	0.02	<2	1	12
ZZ51907		10	<1	0.09	10	0.43	801	2	0.02	12	1050	19	0.07	<2	7	39
ZZ51908		<10	<1	0.05	10	0.36	580	1	0.02	8	780	18	0.06	<2	3	32
ZZ51909		<10	1	0.08	20	0.31	196	3	0.01	7	550	21	0.01	2	5	19
ZZ51910		<10	<1	0.02	<10	0.07	74	<1	0.02	3	530	3	0.07	<2	1	20
ZZ51893		<10	<1	0.13	10	0.10	262	1	0.03	2	820	112	0.20	6	2	30
ZZ51894		<10	<1	0.06	10	0.23	192	1	0.02	5	460	32	0.03	<2	3	16
ZZ51895		<10	<1	0.07	10	0.09	191	<1	0.03	2	850	23	0.05	<2	2	20
ZZ51896		<10	<1	0.11	10	0.15	164	1	0.02	4	930	63	0.11	4	1	34
ZZ51897		<10	<1	0.09	10	0.20	246	1	0.01	6	570	46	0.04	3	2	21
ZZ51898		<10	<1	0.08	10	0.31	392	1	0.01	8	590	46	0.03	3	3	23
ZZ51899		<10	<1	0.09	30	0.34	1040	1	0.01	11	760	104	0.04	<2	5	27
ZZ51900		<10	1	0.12	20	0.27	410	1	0.02	8	800	116	0.04	2	6	32
ZZ50769																
ZZ50770																
ZZ50771		10	<1	0.08	10	0.44	279	1	0.01	11	740	97	0.02	<2	3	24
ZZ50772		10	<1	0.08	10	0.33	454	4	0.02	11	920	77	0.06	<2	4	32
ZZ50773		<10	<1	0.08	20	0.45	879	9	0.02	9	660	45	0.04	2	6	39
ZZ50774		<10	<1	0.08	20	0.41	280	11	0.02	7	680	16	0.03	<2	4	21
ZZ50775		<10	<1	0.09	10	0.56	340	11	0.02	7	370	30	0.02	<2	4	17
ZZ50776		<10	<1	0.07	10	0.45	153	3	0.01	9	390	18	0.02	<2	4	16
ZZ50777		<10	<1	0.07	10	0.53	183	1	0.01	12	740	34	0.04	<2	5	21
ZZ50778		<10	<1	0.06	10	0.45	142	1	0.01	8	570	42	0.03	<2	4	14
ZZ50779		<10	<1	0.06	10	0.46	159	2	0.01	8	830	24	0.05	<2	5	18
ZZ50780		<10	<1	0.08	10	0.38	168	2	0.01	11	600	19	0.02	<2	4	16
ZZ51921		<10	1	0.08	10	0.29	582	1	0.02	9	750	41	0.04	3	3	33
ZZ51922		<10	<1	0.11	10	0.34	546	1	0.01	11	370	55	0.01	4	3	20
ZZ51923		10	<1	0.10	10	0.32	676	1	0.01	9	290	33	0.01	<2	2	20
ZZ51924		10	<1	0.08	10	0.42	356	1	0.01	14	340	25	0.01	<2	4	18
ZZ51925		<10	<1	0.06	10	0.21	875	1	0.01	7	150	39	0.01	<2	3	13
ZZ51926		10	<1	0.08	10	0.47	1200	<1	0.01	8	740	139	0.02	9	3	35
ZZ51927		<10	<1	0.07	20	0.31	790	1	0.01	12	790	69	0.03	2	3	28
ZZ51928		<10	<1	0.07	10	0.21	307	<1	0.02	8	580	28	<0.01	<2	2	22
ZZ51929		<10	<1	0.06	10	0.35	294	<1	0.02	10	540	33	<0.01	3	3	23
ZZ51930		10	<1	0.11	10	0.43	415	<1	0.01	13	240	39	<0.01	3	3	20
ZZ51931		10	<1	0.07	10	0.37	243	<1	0.01	14	280	19	<0.01	2	3	16
ZZ51932		10	<1	0.08	10	0.31	1095	<1	0.02	9	270	29	<0.01	2	2	22
ZZ51933		<10	<1	0.07	10	0.14	195	<1	0.04	4	570	12	<0.01	<2	2	19
ZZ51934		<10	<1	0.05	<10	0.09	229	<1	0.04	3	380	8	<0.01	<2	1	15
ZZ51935		<10	<1	0.09	10	0.21	320	<1	0.04	8	430	26	0.02	<2	3	32



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**CERTIFICATE OF ANALYSIS WH12192090**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51906		<20	0.06	<10	<10	46	<10	20
ZZ51907		<20	0.04	<10	<10	56	<10	99
ZZ51908		<20	0.05	<10	<10	47	<10	65
ZZ51909		<20	0.04	<10	<10	35	<10	46
ZZ51910		<20	0.05	<10	<10	49	<10	20
ZZ51893		<20	0.03	<10	<10	44	<10	131
ZZ51894		<20	0.04	<10	<10	36	<10	60
ZZ51895		<20	0.05	<10	<10	55	<10	58
ZZ51896		<20	0.02	<10	<10	49	<10	88
ZZ51897		<20	0.03	<10	<10	46	<10	125
ZZ51898		<20	0.02	<10	<10	39	<10	99
ZZ51899		<20	0.03	<10	<10	45	<10	157
ZZ51900		<20	0.02	<10	<10	37	<10	245
ZZ50769								
ZZ50770								
ZZ50771		<20	0.06	<10	<10	50	<10	165
ZZ50772		<20	0.04	<10	<10	64	<10	227
ZZ50773		<20	0.03	<10	<10	61	<10	150
ZZ50774		<20	0.06	<10	<10	44	<10	66
ZZ50775		<20	0.07	<10	<10	54	<10	69
ZZ50776		<20	0.06	<10	<10	39	<10	66
ZZ50777		<20	0.06	<10	<10	53	<10	86
ZZ50778		<20	0.04	<10	<10	43	<10	85
ZZ50779		<20	0.04	<10	10	57	<10	67
ZZ50780		<20	0.04	<10	<10	45	<10	60
ZZ51921		<20	0.03	<10	<10	40	<10	69
ZZ51922		<20	0.04	<10	<10	43	<10	111
ZZ51923		<20	0.05	<10	<10	48	<10	113
ZZ51924		<20	0.06	<10	<10	53	<10	59
ZZ51925		<20	0.05	<10	<10	45	<10	56
ZZ51926		<20	0.02	<10	<10	41	<10	242
ZZ51927		<20	0.03	<10	<10	39	<10	172
ZZ51928		<20	0.05	<10	<10	53	<10	96
ZZ51929		<20	0.05	<10	<10	36	<10	101
ZZ51930		<20	0.04	<10	<10	62	<10	191
ZZ51931		<20	0.07	<10	<10	51	<10	51
ZZ51932		<20	0.06	<10	<10	54	<10	86
ZZ51933		<20	0.04	<10	<10	39	<10	77
ZZ51934		<20	0.03	<10	<10	17	<10	25
ZZ51935		<20	0.03	<10	<10	32	<10	76



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**CERTIFICATE OF ANALYSIS    WH12192090**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ51936		<20	0.03	<10	<10	51	<10	152
ZZ51937		<20	0.04	<10	<10	28	<10	67
ZZ51938		<20	0.05	<10	<10	46	<10	88
ZZ51939		<20	0.06	<10	<10	43	<10	62
ZZ51940		<20	0.06	<10	<10	50	<10	141



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**CERTIFICATE WH12193367**

Project: Klaza - 99

P.O. No.: Batch 4

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12193367**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355204		2.41	0.019	1.34	6.49	67.8	1170	1.92	0.16	4.80	0.75	54.7	6.8	13	19.55	8.8
M355205		3.19	0.521	>100	6.37	3290	200	1.41	5.06	1.25	351	34.9	10.6	10	11.70	506
M355206		1.78	<0.005	0.18	0.13	<5	230	0.10	0.03	21.2	0.44	2.11	1.2	<1	0.54	2.1
M355207		3.71	<0.005	0.39	5.59	12.2	1320	1.14	0.13	2.26	2.71	37.1	5.7	8	13.40	27.2
M355208		2.58	0.119	4.93	6.89	854	1460	1.56	0.63	2.35	26.6	42.4	8.1	10	15.05	167.0
M355209		3.18	<0.005	0.52	7.38	20.5	1690	1.45	0.28	1.93	4.04	39.5	9.8	8	12.05	19.2
M355210		5.80	0.005	0.78	7.08	35.4	1950	1.61	0.41	2.40	5.77	37.7	8.5	9	12.55	32.7
M355211		3.24	0.110	8.06	6.75	619	1440	1.51	4.43	3.01	14.65	39.5	7.3	8	14.45	425
M355212		2.59	<0.005	0.04	0.09	<5	20	0.05	0.13	20.9	0.10	1.18	1.4	<1	0.26	2.3
M355213		3.00	0.295	4.44	6.90	316	1610	1.37	1.44	2.47	27.6	42.9	8.8	8	14.10	124.5
M355214		4.56	0.019	1.23	7.15	194.0	1590	1.64	0.39	2.64	11.00	43.1	8.1	10	15.60	49.0
M355215		2.37	0.252	8.63	6.63	1525	540	1.34	6.13	2.82	31.4	44.7	97.3	8	15.30	30.1
M355216		6.21	<0.005	0.10	7.26	5.2	2120	1.67	0.12	2.86	0.14	44.5	8.5	12	8.07	6.4
M355217		3.18	<0.005	0.10	7.37	5.8	2150	1.93	0.14	2.91	0.17	45.3	9.7	11	8.15	7.7
M355218		4.71	<0.005	0.12	7.27	8.0	2110	1.77	0.14	2.77	0.12	46.5	9.2	11	8.89	7.9
M355219		2.29	0.008	1.53	6.69	69.2	1790	1.71	0.61	2.75	11.50	38.4	7.4	13	12.00	15.8
M355220		7.30	<0.005	0.11	7.16	8.4	2170	1.66	0.29	2.90	0.93	39.0	9.5	11	7.58	6.3
M355221		<0.02	<0.005	0.13	7.44	8.3	2240	1.67	0.32	2.94	1.05	42.2	9.2	11	7.76	6.4
M355222		7.75	<0.005	0.07	7.50	6.1	2220	1.67	0.27	2.88	0.08	42.6	7.7	12	5.24	5.8
M355223		8.46	<0.005	0.13	7.03	7.3	1950	1.69	0.56	2.83	0.11	38.7	7.3	11	4.76	8.1
M355224		0.26	0.808	9.03	6.33	1620	1060	1.51	6.56	1.87	38.5	38.4	17.8	20	14.70	105.5
M355225		4.06	<0.005	0.07	7.08	6.3	2150	1.79	0.13	2.56	0.12	39.3	7.5	12	5.99	3.8
M355226		3.74	0.042	0.27	6.98	8.8	1700	1.67	0.28	2.83	1.22	38.7	7.9	11	10.45	11.0
M355227		0.26	0.810	9.33	6.40	1625	990	1.66	6.81	1.89	38.7	40.5	18.2	19	15.30	106.5
M355228		4.04	<0.005	0.07	6.96	6.0	1980	1.85	0.10	3.01	0.16	40.0	9.1	10	8.46	5.9
M355229		5.28	<0.005	0.03	7.22	7.0	2020	1.41	0.15	2.92	0.10	41.3	7.4	12	6.61	5.2
M355230		8.63	<0.005	0.07	6.79	10.1	1740	1.50	0.13	2.91	0.25	46.8	7.4	12	10.05	3.3
M355231		5.44	<0.005	0.05	6.60	5.4	2150	1.41	0.12	2.67	0.08	39.7	6.4	11	5.43	5.3
M355232		6.00	<0.005	0.23	7.09	18.8	1780	1.26	0.61	2.77	0.96	46.0	36.0	11	6.84	13.5
M355233		2.65	<0.005	0.21	7.05	25.9	3150	1.08	1.31	4.01	0.10	46.8	45.6	8	7.19	2.5
M355234		4.49	<0.005	0.18	6.69	7.9	1840	1.53	0.28	3.16	0.11	53.2	6.3	9	6.99	55.5
M355235		6.92	<0.005	0.15	6.95	10.9	2080	1.45	0.17	2.89	0.16	44.8	9.2	13	6.58	9.1
M355236		8.06	<0.005	0.10	7.14	5.9	2190	1.46	0.11	2.74	0.16	49.3	7.6	12	6.09	10.0
M355237		8.76	<0.005	0.07	7.33	3.8	2280	1.45	0.10	2.93	0.08	46.4	7.6	16	5.74	11.7
M355238		8.38	<0.005	0.05	6.96	3.4	2100	1.44	0.09	3.08	0.11	44.8	7.2	12	7.43	14.2



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**CERTIFICATE OF ANALYSIS WH12193367**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355204		2.76	16.45	0.18	3.1	0.035	2.10	29.1	70.4	1.62	1380	3.15	0.03	9.6	5.4	940
M355205		6.57	17.75	0.13	1.6	3.09	2.89	17.8	12.1	0.50	2250	2.08	0.03	7.3	3.7	570
M355206		0.51	0.46	0.20	<0.1	0.010	0.05	1.1	2.1	13.25	233	0.11	0.01	0.3	0.8	180
M355207		2.34	12.15	0.14	1.1	0.151	2.54	20.3	19.2	0.59	974	1.25	0.70	6.0	2.1	450
M355208		3.71	16.70	0.18	1.5	2.77	3.25	20.7	17.2	0.75	2040	1.77	1.07	8.0	3.0	570
M355209		3.17	17.00	0.19	1.5	0.186	3.03	19.4	47.0	0.85	808	0.81	0.12	8.7	3.0	620
M355210		3.30	18.00	0.24	1.6	0.268	3.02	17.6	21.0	0.75	1110	0.64	1.19	9.0	3.0	610
M355211		4.60	16.35	0.17	1.4	0.504	2.89	20.5	47.9	0.95	5330	0.64	0.05	7.6	2.0	570
M355212		0.49	0.41	0.21	<0.1	<0.005	0.04	0.6	1.2	12.95	223	0.14	0.01	0.2	1.3	170
M355213		4.40	16.60	0.13	1.5	1.515	3.47	22.1	20.7	0.92	3480	0.88	0.42	7.5	2.5	560
M355214		3.74	17.50	0.19	1.6	0.519	3.77	21.7	15.9	0.80	2730	0.76	0.79	8.4	2.9	590
M355215		6.87	15.80	0.15	1.4	1.560	3.12	24.1	11.9	1.04	6190	2.37	0.39	7.7	4.1	580
M355216		2.86	17.20	0.20	1.6	0.035	2.77	22.2	13.3	0.84	618	0.86	2.26	8.3	2.9	610
M355217		3.02	17.95	0.21	1.6	0.036	2.80	22.1	13.8	0.89	691	0.92	2.28	8.9	3.0	630
M355218		2.91	17.85	0.24	1.7	0.040	2.47	22.9	15.3	0.88	638	0.54	2.43	8.6	3.2	600
M355219		3.01	16.55	0.22	1.6	0.137	2.86	18.3	13.7	0.84	1310	0.64	1.61	7.8	2.9	570
M355220		3.39	17.35	0.24	1.5	0.082	2.79	18.5	13.1	0.94	942	1.20	2.28	8.5	3.4	630
M355221		3.44	17.90	0.23	1.4	0.081	2.90	20.4	13.4	0.98	961	0.95	2.36	8.6	3.2	660
M355222		3.10	17.70	0.22	1.5	0.053	2.70	21.2	14.1	0.91	696	36.4	2.41	8.6	3.1	610
M355223		2.97	17.35	0.24	1.4	0.055	2.38	19.6	14.2	0.86	677	0.76	2.41	8.3	2.9	590
M355224		5.10	15.55	0.20	1.3	0.842	2.91	20.4	29.0	0.69	1970	12.10	0.26	7.6	16.2	490
M355225		2.96	16.80	0.20	1.3	0.048	2.77	19.7	13.6	0.86	617	0.63	2.33	8.2	2.8	600
M355226		3.01	16.60	0.21	1.4	0.058	2.68	19.0	17.0	0.79	1010	0.75	1.99	8.1	3.1	580
M355227		5.14	15.70	0.17	1.3	0.865	2.93	21.5	29.5	0.69	1980	12.25	0.26	7.7	16.0	490
M355228		3.17	17.40	0.20	1.4	0.047	2.53	18.4	18.4	0.90	964	0.74	2.35	9.1	3.0	600
M355229		3.20	16.85	0.08	1.5	0.069	2.36	20.0	13.1	0.89	682	0.90	2.68	8.3	3.5	680
M355230		2.89	16.70	0.09	1.6	0.085	2.62	22.0	13.4	0.75	1040	0.92	1.94	8.2	3.0	610
M355231		2.92	15.90	0.08	1.6	0.042	2.51	19.1	12.7	0.84	645	1.05	2.35	8.0	2.9	610
M355232		3.36	15.25	0.09	1.8	0.102	2.28	21.7	10.7	0.86	1360	0.96	2.24	8.2	3.0	660
M355233		4.87	20.2	0.08	1.5	0.403	2.55	22.6	12.0	0.96	1380	0.47	1.80	8.6	4.7	610
M355234		3.22	14.80	0.09	1.7	0.113	2.48	26.5	10.5	0.70	855	1.34	1.58	7.6	2.5	590
M355235		3.12	16.40	0.09	1.7	0.056	2.73	20.3	12.6	0.82	727	0.99	2.11	8.2	3.6	630
M355236		3.02	16.45	0.09	1.7	0.046	2.57	23.7	13.9	0.92	661	0.97	2.31	8.4	2.8	640
M355237		3.10	16.30	0.08	1.9	0.042	2.61	22.6	14.8	0.95	663	1.48	2.38	8.1	3.0	660
M355238		2.96	16.30	0.09	1.6	0.033	2.53	20.4	13.9	0.82	698	29.1	2.21	8.2	2.8	620



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**CERTIFICATE OF ANALYSIS WH12193367**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355204		88.0	122.5	<0.002	0.44	14.25	7.0	1	1.3	648	0.69	<0.05	9.6	0.255	2.52	6.4
M355205		>10000	139.0	<0.002	7.54	179.0	9.8	4	21.0	118.0	0.59	0.35	10.9	0.234	2.87	4.3
M355206		24.6	3.2	<0.002	0.01	0.27	0.4	1	0.2	55.3	<0.05	<0.05	0.3	0.005	0.02	0.7
M355207		73.4	118.5	<0.002	0.08	4.37	9.1	1	1.8	191.0	0.51	<0.05	10.9	0.201	1.62	3.7
M355208		524	143.5	<0.002	1.30	21.3	11.4	2	3.6	251	0.66	<0.05	13.8	0.247	2.03	4.4
M355209		188.0	103.0	<0.002	0.16	8.18	12.7	1	2.5	148.5	0.75	<0.05	13.7	0.279	1.61	5.4
M355210		145.0	110.0	<0.002	0.27	4.17	12.6	2	3.2	287	0.76	<0.05	12.7	0.277	1.59	4.2
M355211		688	126.0	<0.002	1.72	18.05	11.5	2	4.2	187.0	0.65	0.05	14.3	0.242	2.17	4.3
M355212		3.3	2.2	<0.002	<0.01	0.05	0.6	1	<0.2	41.3	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M355213		581	173.0	<0.002	0.78	14.30	11.2	2	4.6	155.0	0.66	<0.05	14.2	0.237	2.57	5.0
M355214		206	161.0	<0.002	0.45	7.82	11.9	2	3.4	225	0.74	<0.05	13.6	0.263	2.56	4.6
M355215		596	178.0	<0.002	4.11	16.50	11.5	2	4.9	141.5	0.65	3.33	13.8	0.242	2.44	5.1
M355216		17.2	98.4	<0.002	0.01	0.92	12.3	2	1.8	405	0.73	<0.05	14.6	0.262	1.12	4.9
M355217		17.4	102.0	<0.002	0.01	1.10	13.0	1	2.1	407	0.74	<0.05	13.4	0.275	1.14	4.5
M355218		17.5	95.3	<0.002	0.04	1.56	12.9	2	2.0	412	0.74	<0.05	14.2	0.265	1.21	4.6
M355219		381	109.5	<0.002	0.17	4.09	11.6	2	2.2	302	0.65	<0.05	11.7	0.251	1.68	3.9
M355220		25.3	104.5	<0.002	0.05	2.17	13.2	2	2.1	357	0.69	<0.05	11.7	0.283	1.38	4.1
M355221		28.4	114.5	<0.002	0.05	2.24	13.5	2	2.1	365	0.69	<0.05	12.5	0.293	1.35	4.0
M355222		16.6	98.5	0.004	0.02	1.39	12.7	2	2.0	424	0.69	<0.05	13.5	0.274	1.04	4.6
M355223		15.8	77.9	<0.002	0.05	1.43	12.3	2	2.1	433	0.70	<0.05	12.6	0.267	0.97	4.7
M355224		1320	156.5	<0.002	2.96	31.2	9.8	2	5.7	148.0	0.58	0.36	11.4	0.208	2.30	5.2
M355225		16.2	93.8	<0.002	0.01	1.11	12.8	2	1.8	406	0.69	<0.05	12.8	0.264	1.08	4.4
M355226		49.6	95.2	<0.002	0.09	1.98	12.5	2	1.9	332	0.69	<0.05	12.7	0.262	1.22	4.0
M355227		1335	159.5	<0.002	2.97	32.1	10.0	2	5.5	151.0	0.61	0.30	12.0	0.209	2.35	5.4
M355228		17.3	86.7	<0.002	0.02	1.37	13.9	2	2.1	397	0.75	<0.05	11.4	0.284	1.03	3.9
M355229		15.9	84.1	<0.002	0.01	2.00	11.2	1	2.5	437	0.69	<0.05	11.5	0.293	1.04	4.2
M355230		21.0	108.5	<0.002	0.13	2.84	11.2	1	2.1	325	0.64	<0.05	10.7	0.269	1.44	3.7
M355231		16.1	75.7	<0.002	0.01	1.17	10.0	<1	1.7	415	0.76	<0.05	11.2	0.278	1.01	4.6
M355232		31.2	101.5	<0.002	0.26	2.39	11.5	2	2.1	304	0.77	0.07	13.4	0.277	1.35	4.5
M355233		15.9	112.5	<0.002	0.43	4.35	11.0	2	3.7	245	0.77	0.13	11.5	0.280	1.93	6.1
M355234		20.6	117.0	<0.002	0.07	4.72	10.1	1	1.8	235	0.75	<0.05	13.2	0.259	1.93	4.6
M355235		21.1	97.6	<0.002	0.12	1.86	10.8	1	1.8	371	0.73	<0.05	12.0	0.284	1.21	4.4
M355236		17.3	93.3	<0.002	0.01	0.91	11.1	1	1.8	415	0.71	<0.05	12.6	0.284	1.07	4.5
M355237		15.5	93.2	<0.002	0.01	0.74	11.1	1	1.8	435	0.73	<0.05	12.4	0.293	1.07	4.9
M355238		15.5	91.3	0.002	0.01	1.09	10.6	1	1.8	407	0.73	<0.05	11.3	0.277	1.13	4.3



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**CERTIFICATE OF ANALYSIS WH12193367**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M355204		54	4.7	14.0	113	114.5	2		
M355205		65	7.0	9.1	>10000	46.6	118	2.12	3.02
M355206		3	0.1	1.1	55	1.0	<1		
M355207		56	2.7	12.8	325	30.6	<1		
M355208		70	3.4	14.2	2940	40.0	6		
M355209		78	12.2	14.9	533	39.6	<1		
M355210		79	3.0	14.9	669	41.2	1		
M355211		68	4.5	14.1	1510	37.2	9		
M355212		3	0.1	0.8	17	<0.5	<1		
M355213		70	4.8	15.0	3340	38.2	5		
M355214		76	3.3	15.9	1340	43.0	1		
M355215		73	3.7	14.4	3010	35.0	8		
M355216		74	0.8	16.2	51	40.9	<1		
M355217		79	0.9	17.3	54	43.6	<1		
M355218		74	1.1	16.9	52	43.9	<1		
M355219		72	1.3	15.0	709	41.1	1		
M355220		86	1.5	16.8	83	41.5	<1		
M355221		88	1.5	17.6	89	38.1	<1		
M355222		78	1.1	17.1	48	40.4	<1		
M355223		76	1.2	16.4	46	37.1	<1		
M355224		57	4.9	11.5	2970	39.3	9		
M355225		74	1.3	15.9	45	35.9	<1		
M355226		76	2.5	15.8	145	36.3	<1		
M355227		58	5.1	11.6	2980	39.9	9		
M355228		85	1.1	18.0	58	39.1	<1		
M355229		86	1.1	17.2	48	37.5	<1		
M355230		75	1.4	16.2	62	40.7	<1		
M355231		79	0.8	15.8	45	37.8	<1		
M355232		76	1.9	16.8	111	39.2	<1		
M355233		94	3.3	17.1	65	35.4	<1		
M355234		72	1.9	15.8	59	37.2	1		
M355235		81	1.0	16.9	48	38.2	<1		
M355236		80	0.7	17.9	53	41.9	1		
M355237		83	0.7	17.2	47	42.2	1		
M355238		78	1.4	16.8	47	38.3	<1		



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**CERTIFICATE OF ANALYSIS WH12193367**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12193368**

Project: Klaza - 104

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12193368**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813244		1.52	<0.005	0.37	7.77	12.6	2130	1.46	0.64	1.59	0.68	48.0	8.5	8	12.05	22.0
N813245		3.34	<0.005	0.42	7.58	35.4	1230	1.65	1.01	0.33	1.48	49.8	8.2	6	16.20	51.1
N813246		4.36	<0.005	0.39	7.38	15.1	2150	1.81	0.75	0.84	0.58	56.3	6.5	6	11.90	33.6
N813247		0.26	2.35	24.5	5.71	2930	970	1.19	20.5	2.19	75.1	40.9	9.9	18	13.45	434
N813248		1.84	<0.005	0.47	7.63	20.7	1850	1.52	0.86	0.54	0.71	51.0	4.5	6	13.00	22.4
N813249		1.41	<0.005	0.48	7.95	28.4	2110	2.19	0.87	0.26	1.09	55.3	6.0	5	33.2	12.9
N813250		2.93	<0.005	0.03	0.08	<5	30	0.08	0.05	20.6	0.10	1.33	0.6	<1	0.21	1.7
N811820		1.29	<0.005	0.15	8.09	36.2	2080	1.66	0.53	0.38	0.90	53.6	3.9	5	12.45	20.9
N811821		1.96	<0.005	0.26	8.16	36.3	1850	1.60	0.51	0.23	0.91	56.9	3.8	5	13.30	23.5
N811822		1.55	<0.005	0.27	7.81	8.9	2530	1.77	0.66	1.36	2.84	51.2	3.9	6	10.00	18.7
N811823		2.13	<0.005	0.14	7.59	9.6	2280	1.93	0.56	0.94	0.54	54.2	3.8	7	10.55	10.1
N811824		2.80	<0.005	0.12	7.09	7.3	2150	1.70	0.47	1.22	0.24	46.4	3.7	7	7.79	7.4
N811825		1.33	<0.005	0.13	7.51	7.8	2310	2.02	0.48	1.43	0.38	55.9	4.1	7	8.33	8.0
N811826		4.08	<0.005	0.12	7.63	8.9	2060	1.83	0.52	1.06	0.30	55.3	3.6	7	12.20	7.2
N811827		3.30	<0.005	0.23	7.69	4.3	2460	1.73	0.87	1.54	0.17	51.0	4.5	9	8.87	24.6
N811828		1.47	<0.005	1.27	7.81	10.6	2100	1.62	0.48	1.43	0.21	48.4	4.0	6	16.30	64.8
N811829		1.93	0.008	4.11	6.42	37.2	2150	1.55	0.56	2.08	0.49	37.1	4.8	5	16.50	46.4
N811830		3.70	<0.005	0.19	7.53	4.3	2510	1.93	0.44	1.50	0.13	56.7	3.0	6	9.41	21.1
N811831		<0.02	<0.005	0.20	7.52	3.5	2500	1.84	0.46	1.49	0.13	53.5	3.1	6	9.45	20.1
N811832		1.88	<0.005	0.19	7.49	5.6	2290	1.89	0.49	1.53	0.17	53.0	3.3	8	10.65	31.6
N811833		1.10	0.011	0.21	7.46	19.6	1930	1.75	0.38	0.89	0.51	53.7	3.4	7	14.40	9.2
N811834		1.68	<0.005	0.19	7.33	6.6	2030	1.59	0.50	1.48	0.31	51.1	3.8	9	12.20	12.7
N811835		3.37	0.010	0.33	6.89	13.1	2060	1.91	0.57	2.21	0.30	50.0	3.8	7	9.55	75.6
N811836		3.71	<0.005	0.23	7.16	5.1	2230	1.73	0.34	1.74	0.15	49.7	4.1	7	9.63	51.5
N811837		2.80	<0.005	0.17	7.14	4.9	2080	1.74	0.33	1.90	0.16	49.7	4.1	8	9.86	33.1
N811838		1.46	<0.005	0.28	7.18	10.6	1920	1.69	0.48	1.64	0.20	49.8	5.9	7	13.60	47.2
N811839		2.23	<0.005	0.25	7.16	8.2	2010	1.81	0.58	2.11	0.20	46.0	5.9	9	11.25	74.5
N811840		1.26	<0.005	0.25	6.57	19.9	1290	1.36	0.69	2.41	0.27	40.2	4.4	6	15.65	38.0
N811841		2.70	<0.005	0.27	7.11	6.4	2030	1.51	0.86	2.37	0.15	45.0	6.3	8	10.45	52.8
N811842		0.26	2.26	26.8	5.88	2980	1560	1.40	21.6	2.28	79.7	42.1	10.7	18	14.45	445
N811843		3.44	0.017	1.11	7.38	62.6	1840	1.60	1.01	2.58	0.58	45.6	9.9	10	11.00	389
N811844		2.85	0.625	1.97	6.85	769	1260	1.44	0.89	2.41	10.55	42.8	7.9	7	17.65	144.5
N811845		1.71	<0.005	0.02	0.12	<5	30	0.09	0.02	21.5	0.09	1.46	1.1	<1	0.37	4.7
N811846		2.35	0.012	0.61	7.05	20.5	2020	1.58	0.54	2.81	0.34	45.1	7.6	9	11.95	231
N811847		2.08	0.009	0.43	6.83	18.7	1860	1.38	0.68	2.81	0.29	40.9	9.3	10	15.55	275
N811848		2.61	0.005	0.26	7.59	14.1	2150	1.45	0.57	3.11	0.21	46.5	10.9	10	16.60	210



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813244		2.52	15.35	0.10	1.7	0.041	2.58	23.5	17.7	0.64	431	1.42	2.31	8.2	3.6	640
N813245		1.88	15.20	0.06	2.0	0.034	2.50	26.7	35.3	0.20	574	6.19	0.42	8.9	2.7	550
N813246		1.75	14.90	0.07	2.0	0.033	2.86	29.3	16.7	0.35	358	1.95	2.28	8.8	2.7	570
N813247		6.46	12.90	0.07	1.0	1.535	2.57	20.5	20.9	0.90	1870	12.20	0.05	5.6	14.5	440
N813248		1.70	15.05	0.06	2.1	0.026	2.56	24.1	22.1	0.31	233	1.58	2.28	8.9	2.6	580
N813249		1.64	16.80	0.07	2.3	0.019	2.41	34.0	59.8	0.18	340	5.79	0.40	10.0	2.4	610
N813250		0.45	0.22	0.09	<0.1	0.005	0.03	0.6	1.1	12.95	199	0.28	0.01	0.2	1.6	170
N811820		1.76	15.05	0.11	2.2	0.015	2.67	31.8	129.5	0.17	265	5.07	0.10	9.3	1.9	630
N811821		1.88	15.20	0.10	2.5	0.023	2.96	32.0	82.2	0.10	299	5.18	0.19	9.3	1.9	630
N811822		2.11	15.15	0.08	2.0	0.015	3.15	26.6	14.2	0.44	750	2.42	2.60	8.6	3.0	600
N811823		2.05	15.40	0.07	2.1	0.026	3.12	27.5	19.1	0.44	354	0.91	2.51	9.0	2.3	570
N811824		2.15	14.70	0.10	2.0	0.034	2.82	25.3	13.4	0.47	337	0.59	2.66	8.8	2.5	550
N811825		2.21	15.50	0.08	2.1	0.025	3.00	29.0	14.7	0.53	363	0.60	2.82	9.3	2.6	570
N811826		2.09	15.95	0.08	2.0	0.027	2.98	29.3	19.0	0.41	292	0.82	2.40	9.6	2.6	600
N811827		2.16	15.70	0.09	2.0	0.032	3.11	27.9	14.2	0.51	287	0.82	2.75	8.7	2.5	620
N811828		1.96	15.75	0.11	2.0	0.039	2.92	26.7	69.7	0.20	254	3.44	1.38	9.7	2.2	580
N811829		1.94	14.15	0.06	1.9	0.025	2.53	19.3	70.6	0.32	676	4.58	0.14	9.3	2.3	510
N811830		1.87	14.75	0.08	2.1	0.029	3.17	30.9	13.3	0.47	281	1.33	2.71	9.1	2.2	560
N811831		1.84	14.90	0.09	2.1	0.023	3.18	29.7	13.1	0.48	282	1.18	2.72	9.3	2.2	570
N811832		1.98	14.70	0.09	2.1	0.024	3.11	28.1	15.2	0.34	347	3.41	2.40	8.7	2.4	570
N811833		2.07	15.30	0.09	2.0	0.073	3.27	33.5	20.1	0.30	1380	4.18	1.42	9.1	2.4	540
N811834		2.14	15.00	0.10	2.0	0.037	3.19	26.4	14.8	0.37	625	2.33	2.03	8.4	2.7	510
N811835		2.01	15.10	0.09	2.0	0.048	3.12	25.4	13.2	0.43	681	1.37	2.21	8.9	2.5	520
N811836		2.07	14.85	0.09	2.1	0.033	3.04	26.9	12.1	0.45	369	1.23	2.41	8.9	2.5	540
N811837		2.11	14.70	0.06	1.9	0.034	3.05	25.7	13.9	0.49	379	0.87	2.39	8.7	2.4	520
N811838		2.31	15.00	0.07	2.1	0.033	3.26	26.3	30.9	0.35	617	3.65	1.52	8.7	2.7	510
N811839		2.55	15.45	0.08	2.1	0.045	3.27	24.4	20.4	0.60	523	4.75	2.04	8.2	2.6	510
N811840		2.21	13.60	0.06	1.9	0.044	1.95	20.6	92.9	0.69	620	6.69	0.12	7.6	2.1	480
N811841		2.71	15.20	0.10	2.0	0.050	2.97	23.2	17.7	0.67	417	11.60	2.21	8.1	2.5	540
N811842		6.69	13.70	0.07	1.0	1.635	2.65	22.5	23.2	0.93	1930	12.80	0.05	5.9	15.7	450
N811843		3.22	15.85	0.08	1.9	0.081	3.16	23.0	15.2	0.74	920	16.35	1.72	8.1	2.8	570
N811844		2.77	14.55	0.08	1.8	0.171	3.41	21.9	16.6	0.62	2940	14.10	0.60	7.7	2.4	540
N811845		0.51	0.43	0.06	<0.1	0.007	0.07	0.7	1.8	13.30	224	0.13	0.01	0.5	3.6	180
N811846		2.90	17.15	0.13	1.9	0.064	2.86	23.5	12.4	0.79	717	5.53	2.01	9.0	2.8	580
N811847		3.11	17.90	0.14	1.8	0.051	2.51	20.5	17.8	0.74	532	8.40	1.56	9.1	3.4	630
N811848		3.88	19.55	0.17	1.8	0.062	2.75	23.5	15.8	0.91	524	6.23	2.30	9.9	4.1	820



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**CERTIFICATE OF ANALYSIS WH12193368**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N813244		18.3	95.2	<0.002	<0.01	3.82	9.4	<1	2.7	316	0.69	<0.05	13.2	0.243	2.3
N813245		16.0	118.0	0.003	0.01	15.20	5.8	2	2.8	80.6	0.73	<0.05	18.0	0.180	3.4
N813246		20.1	116.5	<0.002	<0.01	3.42	5.0	<1	2.2	279	0.70	<0.05	17.3	0.175	2.9
N813247		2860	145.5	<0.002	4.64	75.1	7.5	1	7.1	86.9	0.46	0.33	10.0	0.177	5.2
N813248		24.9	97.5	<0.002	0.01	6.25	5.0	<1	2.5	193.5	0.73	<0.05	17.5	0.178	2.5
N813249		19.1	113.0	0.002	0.03	8.56	6.1	1	2.4	99.6	0.83	<0.05	19.0	0.187	3.9
N813250		2.3	1.3	<0.002	<0.01	<0.05	0.2	<1	<0.2	48.6	<0.05	<0.05	0.2	<0.005	0.6
N811820		23.3	103.5	0.002	0.02	9.85	5.5	1	2.1	148.0	0.74	<0.05	18.7	0.190	3.2
N811821		27.4	116.0	<0.002	0.01	7.97	5.6	1	2.1	129.5	0.76	<0.05	18.9	0.188	3.4
N811822		21.0	116.0	<0.002	0.01	1.04	5.3	<1	2.0	391	0.69	0.07	14.9	0.189	2.5
N811823		22.5	115.5	<0.002	<0.01	1.40	5.6	2	2.2	308	0.75	<0.05	16.5	0.188	2.8
N811824		22.3	89.8	<0.002	<0.01	1.18	5.6	1	2.3	340	0.75	<0.05	15.5	0.181	2.8
N811825		26.8	101.5	<0.002	0.03	1.21	6.3	1	2.3	379	0.76	<0.05	17.3	0.190	3.2
N811826		22.5	110.0	<0.002	<0.01	3.37	6.5	2	1.9	292	0.77	<0.05	17.6	0.201	2.8
N811827		21.7	104.5	0.002	<0.01	1.06	5.9	<1	2.3	398	0.66	0.05	15.4	0.199	2.7
N811828		22.6	111.0	<0.002	0.01	5.58	6.0	1	2.5	228	0.78	<0.05	17.2	0.197	2.6
N811829		25.2	94.7	0.002	0.16	28.3	4.6	1	2.2	112.0	0.70	<0.05	12.3	0.161	4.2
N811830		22.2	113.0	<0.002	<0.01	0.77	4.4	1	1.9	413	0.76	<0.05	17.5	0.170	3.9
N811831		21.9	111.0	<0.002	<0.01	0.78	4.6	1	2.0	411	0.78	<0.05	17.3	0.171	3.7
N811832		21.5	112.0	0.002	<0.01	1.62	4.6	<1	2.1	364	0.72	<0.05	16.6	0.170	3.5
N811833		20.1	148.0	<0.002	0.02	4.04	6.4	1	2.1	204	0.80	<0.05	18.5	0.183	3.5
N811834		20.7	134.0	<0.002	0.01	2.47	6.9	<1	2.1	270	0.73	<0.05	17.7	0.195	3.4
N811835		31.1	116.0	<0.002	0.05	2.70	6.0	<1	2.2	335	0.71	<0.05	17.0	0.182	4.0
N811836		19.8	124.5	<0.002	0.03	2.06	5.5	<1	1.8	369	0.71	<0.05	16.6	0.174	3.2
N811837		20.4	117.0	<0.002	0.02	1.10	7.0	<1	1.9	340	0.71	<0.05	17.5	0.197	3.2
N811838		20.1	136.5	<0.002	0.08	5.30	7.4	1	1.8	235	0.72	<0.05	18.3	0.199	3.7
N811839		21.4	128.0	<0.002	0.01	2.57	9.6	<1	2.3	304	0.77	<0.05	18.3	0.238	3.4
N811840		14.2	67.0	<0.002	0.11	18.55	8.9	1	2.7	141.0	0.75	<0.05	15.9	0.216	3.9
N811841		20.4	104.5	<0.002	0.02	2.33	9.2	1	3.2	338	0.76	0.05	15.4	0.236	3.6
N811842		2980	158.5	<0.002	4.80	75.1	8.0	2	7.7	93.8	0.45	0.31	10.7	0.182	5.4
N811843		43.9	125.0	0.005	0.61	3.94	9.5	2	3.1	304	0.72	0.06	14.8	0.244	9.4
N811844		439	157.5	<0.002	0.73	12.65	9.1	1	4.3	144.5	0.66	<0.05	15.0	0.249	5.0
N811845		4.9	3.8	<0.002	<0.01	0.10	0.6	1	<0.2	41.2	<0.05	<0.05	<0.2	0.006	0.5
N811846		31.4	120.5	0.002	0.21	3.92	11.4	2	3.3	336	0.79	<0.05	15.8	0.272	4.0
N811847		23.7	105.0	<0.002	0.31	3.82	13.2	2	3.6	292	0.71	<0.05	12.0	0.293	2.9
N811848		21.2	123.5	<0.002	0.30	1.78	14.5	2	3.0	447	0.75	<0.05	12.5	0.339	3.7



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N813244		65	1.4	14.1	87	45.2	<1
N813245		43	3.4	13.5	115	62.3	<1
N813246		37	2.2	11.1	68	60.6	<1
N813247		54	5.0	9.1	5280	23.9	25
N813248		37	6.1	10.1	84	61.8	<1
N813249		42	3.4	14.8	110	74.8	<1
N813250		2	0.1	0.8	17	2.0	<1
N811820		38	2.9	14.1	98	67.3	<1
N811821		41	2.8	14.0	98	68.7	<1
N811822		43	1.9	10.8	89	56.5	<1
N811823		43	1.9	10.9	65	58.4	<1
N811824		41	2.3	11.8	48	59.3	<1
N811825		43	2.0	13.7	56	61.0	<1
N811826		46	2.2	14.4	41	60.8	<1
N811827		46	1.5	12.4	39	57.9	<1
N811828		46	2.0	13.9	33	56.5	5
N811829		37	3.7	12.0	58	57.8	3
N811830		35	1.4	13.0	30	64.1	<1
N811831		36	1.5	13.3	30	60.9	<1
N811832		36	1.6	13.3	33	64.1	<1
N811833		43	2.3	16.1	50	58.3	<1
N811834		47	2.8	13.0	44	58.1	<1
N811835		42	2.2	13.8	42	58.9	<1
N811836		39	2.3	13.6	30	62.0	<1
N811837		48	2.2	13.9	31	56.9	<1
N811838		50	3.3	14.3	36	65.0	<1
N811839		64	6.4	15.9	41	60.5	<1
N811840		58	5.0	13.5	53	55.5	<1
N811841		63	2.9	14.9	36	54.1	<1
N811842		55	5.3	9.9	5430	25.5	25
N811843		67	13.5	14.5	66	53.8	1
N811844		66	3.7	12.5	1180	54.1	2
N811845		5	0.2	1.0	16	0.5	<1
N811846		74	2.0	15.6	45	57.3	<1
N811847		88	5.2	16.8	43	53.4	<1
N811848		105	5.2	18.8	41	53.0	<1



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Project: Klaza - 104

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**CERTIFICATE OF ANALYSIS WH12193368**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12193369**

Project: Klaza - 104

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 6-SEP-2012  
Account: ROCKHA

Project: Klaza - 104

**CERTIFICATE OF ANALYSIS WH12193369**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811849		1.76	<0.005	0.45	6.68	6.4	2030	1.56	0.56	2.56	0.32	39.0	7.9	10	15.25	173.0
N811850		0.30	4.27	>100	5.24	8050	370	1.08	58.6	1.98	229	31.5	9.4	18	11.55	1270
N811851		2.51	0.005	0.22	6.57	10.0	2110	1.41	0.97	2.83	0.14	34.1	7.1	9	13.35	25.0
N811852		3.96	0.006	0.52	6.50	37.8	2700	1.38	0.87	4.03	0.19	36.0	8.1	10	24.0	18.0
N811853		3.68	<0.005	0.01	0.09	<5	40	0.06	0.02	21.3	0.06	1.56	1.1	<1	0.23	2.2
N811854		1.87	<0.005	0.14	6.78	6.8	720	1.19	0.36	3.26	0.09	33.4	9.3	13	13.70	9.5
N811855		3.59	<0.005	0.14	6.88	4.9	640	1.52	0.43	3.33	0.11	42.0	8.6	10	14.85	10.7
N811856		2.46	0.011	1.05	6.73	164.5	550	1.44	1.25	3.24	0.85	38.3	10.5	12	20.3	29.0
N811857		2.94	<0.005	0.17	6.87	3.7	1250	1.25	0.53	3.43	0.14	37.4	9.3	13	12.00	12.5
N811858		2.41	<0.005	0.53	6.99	2.4	1410	1.32	3.48	3.70	0.13	38.6	8.4	14	12.35	12.8
N811859		2.51	<0.005	0.14	6.91	3.6	1010	1.22	0.18	4.21	0.12	43.1	9.4	10	11.05	32.4
N811860		2.04	<0.005	0.16	7.22	3.2	980	1.38	0.10	3.70	0.11	38.3	10.4	14	9.75	24.5
N811861		2.40	0.005	0.16	6.49	26.3	730	1.24	0.17	4.78	0.31	36.2	8.2	9	11.95	11.0
N811862		1.38	<0.005	0.91	6.90	3.5	790	1.21	0.10	2.65	0.10	36.4	9.3	16	9.80	20.0
N811863		2.19	<0.005	1.17	6.92	7.2	720	1.55	0.50	2.82	0.13	36.7	9.0	14	9.45	47.5
N811864		3.13	<0.005	2.23	6.79	13.4	720	1.65	0.86	3.57	0.88	33.8	9.9	13	22.1	19.3
N811865		1.12	<0.005	0.55	7.70	11.9	820	1.73	0.84	3.36	0.29	52.2	11.2	7	23.0	29.8
N811866		1.72	<0.005	0.13	6.72	11.4	1510	2.32	0.05	2.64	0.19	53.2	4.6	6	28.2	2.0
N811867		1.97	<0.005	0.07	6.68	10.5	1250	1.86	0.09	2.65	0.19	53.0	4.6	5	23.6	3.9
N811868		2.25	<0.005	0.33	6.93	6.5	1410	1.92	1.08	3.42	0.24	36.8	7.8	13	39.7	5.9
N811869		2.39	<0.005	0.09	6.34	4.5	1670	1.53	0.25	3.02	0.13	29.5	7.3	10	14.30	34.7
N811870		1.64	<0.005	0.27	6.96	21.3	1580	1.45	1.03	2.69	0.72	41.8	7.1	13	24.9	13.7
N811871		1.91	<0.005	0.23	6.53	9.0	1090	1.50	0.16	3.13	0.59	31.6	7.4	11	13.10	7.0
N811872		4.44	<0.005	0.15	7.55	3.1	1240	1.50	0.29	3.07	0.12	43.1	8.7	16	8.88	14.5
N811873		0.29	0.811	9.26	6.20	1705	830	1.38	5.93	1.82	39.9	43.4	16.1	20	15.60	105.0
N811874		4.15	<0.005	0.21	7.42	2.7	1210	1.45	0.28	3.53	0.14	37.6	10.0	16	11.55	57.6
N811875		2.14	<0.005	0.61	6.90	2.8	1050	1.41	3.12	3.19	0.17	29.0	8.1	17	13.70	54.3
N811876		3.16	<0.005	0.01	0.07	<5	20	0.08	0.02	20.7	0.06	1.18	1.1	<1	0.20	1.5
N811877		3.04	<0.005	0.21	7.00	2.1	1120	1.43	0.30	2.76	0.06	38.4	8.0	16	8.91	23.3
N811878		1.85	<0.005	0.18	7.38	3.2	1020	1.41	0.45	3.31	0.10	34.8	9.3	13	13.05	31.3
N811879		1.51	<0.005	0.13	7.13	2.3	920	1.35	0.80	2.74	0.07	39.0	7.4	15	9.44	11.1
N811880		4.61	<0.005	0.13	7.62	2.4	1250	1.36	0.25	2.66	0.06	41.7	9.2	16	10.55	24.5
N811881		<0.02	<0.005	0.10	7.43	1.7	1220	1.40	0.26	2.67	0.06	40.0	9.3	15	10.50	24.1
N811882		3.01	<0.005	0.31	6.85	12.8	770	1.26	0.57	3.17	0.11	36.0	7.5	12	12.35	58.6
N811883		3.38	<0.005	0.06	7.65	1.6	1380	1.39	0.09	2.64	0.05	39.8	8.3	12	9.55	18.9
N811884		3.39	<0.005	0.06	7.16	1.6	1290	1.29	0.09	2.59	0.06	38.1	8.1	19	9.03	17.2





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Project: Klaza - 104

**CERTIFICATE OF ANALYSIS WH12193369**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811849		2.98	16.40	0.16	1.5	0.061	2.81	18.4	16.9	0.67	586	5.01	1.55	8.0	2.8	640
N811850		8.03	12.75	0.23	1.2	4.95	2.29	15.7	30.3	0.63	3110	14.20	0.08	6.0	13.3	460
N811851		2.96	14.80	0.11	1.5	0.052	2.83	16.3	16.4	0.72	655	17.00	1.89	8.0	2.4	590
N811852		3.08	15.55	0.16	0.7	0.036	1.93	18.0	20.1	0.97	1040	3.17	1.76	7.5	4.6	570
N811853		0.49	0.34	0.10	<0.1	<0.005	0.03	0.8	1.0	13.20	201	0.21	0.01	0.3	1.6	190
N811854		3.41	15.10	0.13	0.5	0.036	1.91	16.2	22.2	1.07	912	0.74	1.24	7.0	5.3	550
N811855		3.13	15.75	0.11	0.5	0.035	1.76	20.9	21.5	0.90	763	0.41	1.64	6.7	5.2	550
N811856		3.32	16.35	0.15	0.5	0.060	2.59	18.8	18.6	1.02	1560	0.91	0.76	7.2	5.4	540
N811857		3.31	16.30	0.14	0.5	0.036	1.95	17.8	20.6	1.16	892	0.79	1.64	7.7	5.4	580
N811858		3.23	16.15	0.18	0.5	0.029	1.96	18.8	20.6	1.14	867	1.15	1.51	7.6	5.1	590
N811859		3.23	15.65	0.16	0.4	0.027	1.72	21.1	21.9	1.24	908	51.5	1.66	7.3	5.2	570
N811860		3.44	16.55	0.16	0.5	0.029	1.82	18.7	19.3	1.20	817	2.20	1.93	7.7	5.5	590
N811861		3.27	15.95	0.14	0.4	0.034	2.28	17.7	13.0	1.43	2110	1.18	1.10	6.6	4.6	510
N811862		3.34	15.65	0.14	0.6	0.034	1.89	17.0	21.6	1.12	796	2.06	1.61	8.6	5.8	670
N811863		3.07	15.60	0.17	0.5	0.029	1.89	17.9	15.4	0.84	760	2.48	2.11	8.8	5.0	580
N811864		3.43	16.15	0.16	0.6	0.043	2.17	16.4	32.6	1.32	1010	4.30	1.04	8.4	4.8	660
N811865		4.16	16.25	0.19	0.9	0.054	2.82	27.4	35.2	1.46	1080	2.55	0.12	7.3	3.6	970
N811866		2.49	19.05	0.18	1.7	0.034	2.57	25.6	88.3	0.82	733	1.17	0.08	9.3	2.5	790
N811867		2.52	18.80	0.18	1.6	0.035	2.75	25.4	62.3	0.86	697	1.44	0.07	9.1	2.3	790
N811868		3.13	16.15	0.18	0.6	0.079	2.56	17.8	31.2	1.21	1030	1.86	0.83	7.5	4.7	530
N811869		2.84	15.15	0.15	0.6	0.029	2.23	14.0	58.0	0.81	814	13.00	1.47	8.0	4.4	510
N811870		2.46	13.80	0.12	0.9	0.038	2.71	20.9	41.7	0.95	823	12.05	0.32	8.7	3.5	460
N811871		2.76	16.35	0.16	0.6	0.032	2.34	14.9	20.8	0.88	801	1.01	1.37	7.7	4.3	540
N811872		3.29	16.65	0.17	0.6	0.029	1.93	21.5	17.0	1.02	692	1.46	2.22	7.7	5.6	600
N811873		4.92	14.05	0.18	1.3	0.911	2.74	22.5	22.9	0.67	1920	11.05	0.26	7.7	14.2	480
N811874		3.47	17.10	0.16	0.5	0.038	1.92	18.3	22.7	1.23	768	29.5	1.70	8.1	5.7	600
N811875		3.09	16.05	0.15	0.5	0.040	1.75	13.4	18.3	1.12	734	1.50	1.45	8.1	5.0	560
N811876		0.51	0.30	0.12	<0.1	<0.005	0.02	0.6	0.9	12.75	224	0.15	0.01	0.3	1.4	170
N811877		2.82	15.85	0.15	0.7	0.035	2.11	18.8	16.0	0.89	644	1.75	2.02	8.6	4.3	490
N811878		2.80	17.30	0.17	0.8	0.036	2.12	17.6	17.5	0.95	790	2.07	1.97	8.9	4.1	480
N811879		2.36	16.10	0.18	0.9	0.030	2.33	20.9	15.6	0.89	704	1.39	2.02	9.4	3.4	430
N811880		2.80	16.80	0.18	0.9	0.029	2.31	22.2	18.7	0.82	592	25.8	2.12	8.5	3.7	460
N811881		2.79	17.15	0.20	0.9	0.028	2.27	21.1	18.9	0.86	595	27.1	2.08	8.8	3.8	460
N811882		2.33	15.65	0.17	0.9	0.026	2.70	19.2	19.0	0.97	1140	1.63	0.75	7.8	3.4	420
N811883		2.68	17.45	0.20	1.0	0.037	2.45	21.0	13.6	0.78	557	0.81	2.23	8.9	3.7	450
N811884		2.58	16.45	0.18	0.9	0.023	2.45	20.1	12.0	0.72	508	7.31	2.09	8.7	3.5	420



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Account: ROCKHA

Project: Klaza - 104

**CERTIFICATE OF ANALYSIS WH12193369**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811849		20.3	88.6	<0.002	0.09	3.66	9.7	1	2.3	282	0.71	<0.05	11.0	0.265	1.09	2.8
N811850		9750	136.0	<0.002	7.12	223	7.6	2	9.0	123.0	0.46	0.50	8.5	0.185	2.13	5.7
N811851		25.3	95.0	<0.002	0.07	3.13	9.7	1	2.6	365	0.64	<0.05	9.5	0.256	1.13	2.6
N811852		19.4	71.4	<0.002	0.36	6.42	10.8	1	1.6	315	0.63	0.06	9.1	0.285	1.36	3.3
N811853		1.4	1.4	<0.002	<0.01	0.06	0.3	1	<0.2	48.6	<0.05	<0.05	0.2	<0.005	<0.02	0.9
N811854		13.3	56.5	<0.002	0.06	3.83	10.4	1	1.5	285	0.60	<0.05	8.0	0.293	0.95	2.1
N811855		12.2	57.1	<0.002	0.01	5.06	11.0	1	1.7	316	0.58	<0.05	8.7	0.288	0.83	2.5
N811856		21.8	120.5	<0.002	1.08	16.40	11.4	1	2.0	218	0.58	<0.05	8.5	0.288	2.36	4.8
N811857		13.0	54.5	<0.002	0.02	2.95	11.4	1	1.6	426	0.62	<0.05	7.9	0.304	0.84	2.2
N811858		15.7	58.4	<0.002	0.02	2.83	11.3	1	1.6	442	0.62	0.09	8.9	0.312	0.75	2.1
N811859		12.5	58.8	0.026	0.18	2.78	12.3	1	1.4	568	0.58	<0.05	9.4	0.299	0.59	2.5
N811860		12.3	62.2	<0.002	0.17	2.12	12.6	1	1.5	518	0.61	<0.05	9.5	0.309	0.62	2.5
N811861		11.3	94.5	<0.002	0.39	3.40	10.1	1	1.3	336	0.54	<0.05	7.8	0.270	1.23	2.5
N811862		10.8	52.2	<0.002	0.07	3.68	11.9	1	1.5	380	0.69	<0.05	8.4	0.336	0.70	2.1
N811863		9.7	73.6	<0.002	0.07	12.20	11.8	1	1.6	277	0.75	<0.05	8.9	0.312	0.83	2.1
N811864		31.8	84.5	<0.002	0.06	9.33	12.0	1	1.5	242	0.60	<0.05	9.6	0.318	1.36	2.5
N811865		16.6	132.0	<0.002	0.06	15.55	15.3	1	1.3	234	0.54	<0.05	12.0	0.381	1.89	2.9
N811866		22.0	81.2	<0.002	0.03	13.05	5.1	1	1.4	355	0.71	<0.05	9.0	0.282	1.52	3.4
N811867		24.5	82.2	<0.002	0.03	13.60	4.8	1	2.2	408	0.67	<0.05	8.5	0.280	1.65	3.2
N811868		16.5	109.5	<0.002	0.04	9.98	10.7	1	4.1	327	0.65	<0.05	8.6	0.292	1.87	2.9
N811869		13.6	73.4	0.008	0.04	6.54	9.5	1	1.6	349	0.73	<0.05	8.5	0.274	1.22	2.3
N811870		29.3	125.5	0.005	0.12	10.60	9.1	1	1.4	278	1.04	<0.05	12.3	0.259	1.78	6.9
N811871		26.8	82.4	<0.002	0.05	5.75	10.4	1	1.5	293	0.66	<0.05	7.8	0.291	1.36	2.0
N811872		13.5	65.8	<0.002	0.01	1.90	11.8	1	1.8	484	0.63	<0.05	11.2	0.307	0.68	2.5
N811873		1310	158.0	<0.002	2.99	34.0	8.5	1	6.0	144.5	0.61	0.29	11.7	0.202	2.39	5.2
N811874		12.9	61.2	0.007	0.11	1.68	11.9	1	2.1	723	0.63	<0.05	9.8	0.312	0.66	2.3
N811875		15.8	49.5	<0.002	0.05	2.82	11.6	1	2.1	643	0.64	0.05	8.8	0.301	0.66	2.2
N811876		1.2	1.2	<0.002	0.01	0.07	0.3	1	<0.2	43.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N811877		14.6	74.0	<0.002	0.03	1.77	10.2	1	1.8	413	0.76	<0.05	12.5	0.265	0.74	3.1
N811878		13.9	85.7	<0.002	0.05	1.86	10.6	2	2.0	397	0.83	<0.05	10.6	0.263	0.83	3.2
N811879		9.9	116.0	<0.002	0.02	2.05	9.5	2	1.3	280	0.94	<0.05	12.9	0.247	1.08	3.4
N811880		13.9	83.9	0.009	0.04	1.65	9.8	2	1.4	385	0.80	<0.05	12.5	0.254	0.72	2.9
N811881		13.9	86.9	0.010	0.04	1.76	9.8	2	1.3	373	0.81	<0.05	12.4	0.251	0.74	3.1
N811882		10.1	121.5	<0.002	0.11	10.30	8.9	1	1.3	191.0	0.70	<0.05	11.0	0.237	1.42	3.5
N811883		12.7	86.3	<0.002	0.02	1.19	9.6	2	1.2	428	0.80	<0.05	12.2	0.254	0.66	3.3
N811884		12.5	86.0	0.003	0.03	1.02	8.7	1	1.2	388	0.77	<0.05	11.5	0.235	0.62	3.5



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Project: Klaza - 104

**CERTIFICATE OF ANALYSIS WH12193369**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811849		75	2.6	14.4	43	44.5	<1	
N811850		53	4.9	9.6	>10000	34.7	122	1.720
N811851		71	2.4	12.9	45	45.2	1	
N811852		85	3.6	13.5	75	17.9	1	
N811853		2	0.1	1.0	14	0.6	<1	
N811854		94	5.9	12.3	95	11.2	<1	
N811855		92	2.3	12.9	90	10.3	<1	
N811856		94	2.6	13.2	214	10.3	2	
N811857		97	2.8	14.3	89	11.6	<1	
N811858		97	5.6	14.7	75	11.7	<1	
N811859		95	3.9	16.9	59	9.2	<1	
N811860		100	2.6	14.5	57	11.2	<1	
N811861		91	2.3	13.8	66	9.6	<1	
N811862		119	5.0	12.2	63	11.1	2	
N811863		92	3.5	12.3	71	10.9	1	
N811864		105	4.4	12.7	131	16.4	2	
N811865		136	5.2	15.0	105	26.5	<1	
N811866		44	2.2	11.0	90	51.9	<1	
N811867		43	2.9	11.2	86	51.6	<1	
N811868		92	3.4	11.8	112	11.9	1	
N811869		82	3.5	10.5	65	12.4	<1	
N811870		77	4.0	11.8	98	18.9	1	
N811871		91	2.5	11.2	96	13.1	<1	
N811872		96	3.0	14.0	61	12.2	<1	
N811873		56	5.2	11.4	2850	39.4	10	
N811874		100	6.1	15.3	51	10.6	<1	
N811875		97	4.1	13.5	61	9.7	1	
N811876		3	0.1	0.9	15	0.5	<1	
N811877		80	2.3	13.3	61	17.5	<1	
N811878		81	2.8	14.3	64	18.7	1	
N811879		70	2.0	12.0	65	22.9	<1	
N811880		73	3.0	12.2	56	21.7	<1	
N811881		72	2.8	12.2	55	23.6	<1	
N811882		66	2.4	11.2	58	22.7	<1	
N811883		71	1.7	11.5	49	25.1	<1	
N811884		68	2.4	11.2	44	23.8	<1	



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**CERTIFICATE OF ANALYSIS WH12193369**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12193421**

Project: Klaza - 109

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12193421**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811993		3.83	<0.005	0.08	6.85	7.9	2220	1.26	0.12	3.51	0.11	39.1	8.0	10	11.70	11.0
N811994		4.82	<0.005	0.10	7.03	9.0	2470	1.36	0.12	3.32	0.10	44.3	7.3	11	15.95	12.6
N811995		2.38	0.008	0.29	7.08	15.7	2000	1.44	1.76	2.82	0.12	41.0	10.9	10	14.95	10.4
N811996		4.08	0.005	0.15	6.51	10.6	2330	1.28	0.68	4.03	0.07	51.1	8.6	8	9.99	7.3
N811997		2.56	<0.005	0.07	7.08	6.9	1880	1.51	0.20	2.47	0.09	46.3	6.6	12	6.15	6.2
N811998		2.88	<0.005	0.07	7.40	6.1	2110	1.45	0.20	2.80	0.09	44.5	8.2	11	8.06	11.1
N811999		0.26	2.38	25.5	5.75	3350	1540	1.23	19.40	2.17	78.4	47.3	10.1	17	15.05	438
N812000		3.57	<0.005	0.24	7.37	12.1	1860	1.17	0.16	2.05	0.09	45.7	12.1	9	8.13	29.0
N813251		2.62	<0.005	0.10	6.58	5.3	2030	1.09	0.10	5.08	0.13	42.8	7.1	6	7.83	10.0
N813252		2.92	<0.005	0.11	7.30	6.6	2050	1.27	0.13	2.51	0.09	41.3	8.9	10	8.32	23.8
N813253		3.90	<0.005	0.09	7.01	4.4	2120	1.12	0.13	2.28	0.09	39.8	7.8	10	10.85	17.7
N813254		2.17	0.007	0.36	6.86	26.8	3560	1.15	1.96	2.04	0.12	50.1	16.8	9	8.60	21.0
N813255		5.55	<0.005	0.08	7.13	5.0	2280	1.44	0.14	2.48	0.08	44.8	5.7	13	7.13	7.1
N813256		3.02	<0.005	0.04	0.07	<5	20	0.06	0.03	20.7	0.05	1.47	0.6	<1	0.15	1.9
N813257		3.39	<0.005	0.08	6.82	12.1	2270	1.23	0.27	2.46	0.10	41.3	7.3	10	8.18	9.0
N813258		3.03	<0.005	0.07	7.02	3.9	1970	1.42	0.16	2.66	0.10	46.3	5.8	11	9.54	10.1
N813259		0.26	2.30	25.1	5.68	3350	1290	1.12	19.60	2.15	75.8	46.3	9.8	18	14.40	435
N813260		2.46	0.005	0.66	6.27	29.3	2930	1.30	0.19	4.28	0.71	46.6	6.9	7	16.70	13.0
N813261		3.84	<0.005	0.07	6.60	5.7	1990	1.23	0.12	2.79	0.11	39.6	6.1	11	14.25	8.3
N813262		5.03	<0.005	0.12	6.11	13.4	1840	1.38	0.19	2.76	0.11	36.5	6.7	9	18.15	19.1
N813263		3.50	<0.005	0.09	6.82	6.5	2100	1.32	0.17	2.39	0.08	45.9	5.9	9	15.10	9.1
N813264		7.63	<0.005	0.12	6.53	12.6	2060	1.36	0.19	2.93	0.12	37.8	6.8	12	22.6	21.8
N813265		5.90	0.005	0.92	6.16	28.2	3510	1.26	1.51	3.04	0.74	40.3	4.9	7	19.25	41.8
N813266		3.18	<0.005	0.07	0.07	<5	30	<0.05	0.04	20.3	0.06	1.25	0.6	<1	0.20	1.1
N813267		5.48	<0.005	0.22	6.37	13.0	6360	1.29	0.95	2.27	0.14	36.7	5.9	10	15.20	7.6
N813268		5.48	<0.005	0.14	6.55	6.7	2180	1.14	0.67	2.58	0.10	35.1	4.9	9	9.82	4.5
N813269		3.11	<0.005	0.11	7.82	5.7	2320	1.36	0.25	1.88	0.10	42.2	7.3	9	10.25	9.0
N813270		6.76	0.015	0.14	6.96	10.3	2320	1.37	0.48	2.47	0.11	41.0	12.9	11	7.24	56.5
N813271		3.44	0.008	0.10	6.28	8.9	1500	1.06	0.89	2.71	0.09	37.0	21.8	11	4.40	3.2
N813272		1.54	0.014	0.15	6.54	12.6	1750	1.25	0.99	2.56	0.12	40.9	31.4	10	4.66	3.7
N813273		4.49	<0.005	0.17	7.26	7.6	2540	1.43	0.63	2.67	0.21	52.1	11.0	11	7.31	3.5
N813274		<0.02	<0.005	0.16	7.43	7.8	2610	1.48	0.65	2.69	0.22	48.5	11.1	12	7.29	5.0
N813275		2.13	<0.005	0.52	7.02	7.7	2700	1.35	1.39	2.51	0.21	45.9	8.8	10	9.98	3.1
N813276		6.37	<0.005	0.14	7.14	12.2	2890	1.49	0.64	2.24	0.20	49.0	9.2	10	16.60	8.0
N813277		6.78	0.005	0.13	7.52	7.4	2420	1.49	0.40	2.93	0.27	44.9	9.0	12	9.04	13.8
N813278		2.33	<0.005	0.15	7.24	7.9	2760	1.18	0.72	1.72	0.14	46.7	9.6	9	9.47	58.0



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Project: Klaza - 109

**CERTIFICATE OF ANALYSIS WH12193421**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811993		2.92	15.05	0.06	1.1	0.039	2.45	18.1	17.6	0.78	628	1.13	1.84	7.1	2.7	610
N811994		2.96	15.90	0.07	1.1	0.049	2.50	22.3	22.9	0.87	720	2.14	1.12	7.5	3.0	610
N811995		3.42	16.00	0.09	1.1	0.062	2.77	19.6	19.2	0.87	938	29.9	1.41	7.9	2.9	640
N811996		3.02	14.85	0.08	1.0	0.065	2.50	27.7	25.6	0.88	777	3.35	0.96	7.2	2.6	550
N811997		2.72	14.85	0.09	1.5	0.039	2.94	23.1	14.4	0.74	531	4.01	2.25	8.0	2.4	540
N811998		3.13	16.65	0.09	1.2	0.054	2.67	21.1	17.9	0.81	567	3.01	2.13	8.1	2.9	650
N811999		6.25	14.25	0.08	1.1	1.740	2.57	27.2	25.5	0.88	1880	13.35	0.04	6.0	15.1	440
N812000		3.09	17.20	0.08	1.3	0.055	2.60	22.2	29.7	0.79	520	5.21	0.98	8.4	3.4	650
N813251		2.91	13.70	0.09	1.1	0.050	2.32	23.0	26.4	0.93	810	2.19	0.54	6.5	2.3	530
N813252		3.05	15.35	0.10	1.3	0.039	2.73	20.7	17.8	0.76	574	1.38	1.83	7.7	2.7	630
N813253		2.90	15.50	0.09	1.2	0.042	2.64	20.0	25.8	0.71	572	4.09	1.14	7.6	2.5	620
N813254		3.07	15.70	0.11	1.1	0.090	2.83	25.1	21.8	0.84	698	2.00	0.99	7.4	2.8	550
N813255		3.12	15.90	0.09	1.2	0.064	2.87	21.3	17.5	0.84	581	3.78	1.95	8.0	2.6	610
N813256		0.46	0.25	0.11	<0.1	<0.005	0.02	0.8	1.3	12.55	196	0.25	0.01	0.2	1.6	190
N813257		3.09	14.50	0.11	1.1	0.078	2.88	22.0	13.8	0.84	616	9.57	1.77	7.1	2.5	580
N813258		3.00	15.80	0.11	1.2	0.048	2.68	23.0	12.3	0.75	525	3.42	2.19	7.5	2.7	640
N813259		6.24	13.35	0.08	1.0	1.665	2.55	25.8	24.3	0.88	1880	12.45	0.04	5.5	14.0	450
N813260		2.79	14.65	0.08	1.2	0.062	2.50	22.8	38.0	1.14	1440	2.16	0.11	7.0	2.5	550
N813261		2.79	15.10	0.08	1.2	0.053	2.61	18.2	24.4	0.78	622	1.82	1.43	7.3	2.4	610
N813262		2.73	14.60	0.07	1.6	0.066	2.56	17.3	29.9	0.75	612	2.42	1.22	7.0	2.3	550
N813263		2.80	15.65	0.08	1.8	0.041	2.68	22.1	20.0	0.69	497	2.07	2.00	8.0	2.5	600
N813264		2.87	15.75	0.07	1.3	0.054	2.66	17.0	43.9	0.71	613	4.06	1.53	8.0	2.8	640
N813265		2.90	13.70	0.08	1.0	0.109	2.44	19.7	44.2	0.99	1780	2.05	0.06	7.0	2.4	540
N813266		0.48	0.21	0.12	<0.1	0.007	0.03	0.6	1.3	12.25	212	0.10	0.01	0.1	1.8	170
N813267		2.43	14.05	0.10	1.0	0.125	1.66	17.8	50.8	0.68	705	0.55	1.45	7.1	2.4	580
N813268		2.87	14.60	0.08	1.1	0.125	2.20	16.1	23.3	0.66	726	0.69	1.93	7.6	2.4	610
N813269		3.35	16.40	0.14	1.2	0.051	2.74	22.0	25.2	0.85	471	1.00	1.30	7.9	3.1	660
N813270		3.46	14.90	0.14	1.0	0.072	2.36	20.7	13.0	0.88	634	0.58	2.29	6.8	3.1	590
N813271		3.80	14.20	0.12	0.9	0.200	1.25	20.8	12.5	0.84	807	0.26	2.78	6.3	2.8	520
N813272		3.91	15.05	0.15	0.9	0.203	1.41	22.5	13.0	0.89	844	0.26	2.81	6.6	3.0	540
N813273		3.69	16.10	0.15	1.1	0.107	2.61	27.9	11.7	0.92	738	0.47	2.33	7.6	3.4	640
N813274		3.79	16.50	0.16	1.2	0.110	2.65	25.6	11.8	0.94	749	0.58	2.40	7.7	3.4	660
N813275		3.60	15.40	0.14	1.1	0.096	2.73	23.8	10.2	0.84	686	0.71	2.10	7.4	2.9	660
N813276		3.51	15.80	0.14	1.2	0.104	2.93	25.8	17.5	0.73	672	1.39	1.53	7.4	2.9	640
N813277		3.52	16.70	0.15	1.1	0.065	2.89	23.0	13.0	0.87	652	0.92	2.22	7.5	3.1	650
N813278		3.82	15.40	0.15	1.1	0.116	2.75	25.7	25.5	0.91	599	1.07	0.91	7.4	3.1	630



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**CERTIFICATE OF ANALYSIS WH12193421**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N811993		17.6	80.8	<0.002	0.12	1.65	9.9	1	1.5	415	0.55	<0.05	8.8	0.279	3.2
N811994		16.0	88.9	<0.002	0.11	3.23	10.8	1	1.7	353	0.60	<0.05	10.2	0.277	4.0
N811995		16.5	104.0	0.005	0.41	3.21	11.1	<1	1.5	337	0.64	<0.05	11.3	0.288	3.5
N811996		13.8	96.6	<0.002	0.22	5.56	9.9	1	1.4	314	0.59	<0.05	11.7	0.253	3.9
N811997		16.4	99.8	<0.002	0.11	1.45	9.2	1	1.4	352	0.91	<0.05	17.9	0.245	6.4
N811998		16.1	97.9	<0.002	0.10	1.63	11.3	1	1.6	397	0.66	<0.05	11.6	0.284	3.7
N811999		2880	175.0	0.002	4.75	92.4	8.3	1	8.0	92.3	0.47	0.41	11.1	0.181	5.5
N812000		16.5	93.2	<0.002	0.17	2.30	11.9	1	3.5	238	0.68	<0.05	12.6	0.289	4.4
N813251		16.2	81.3	<0.002	0.05	3.71	9.2	1	1.5	312	0.59	<0.05	11.5	0.235	3.9
N813252		15.7	92.1	<0.002	0.10	1.74	10.5	1	2.5	363	0.70	<0.05	12.7	0.282	3.8
N813253		15.7	88.8	0.002	0.02	3.25	10.3	1	2.5	305	0.68	<0.05	12.2	0.279	3.6
N813254		14.3	119.0	<0.002	0.47	5.77	10.3	1	1.5	205	0.65	0.15	12.2	0.250	4.1
N813255		15.6	101.5	<0.002	0.02	1.77	11.0	1	1.6	370	0.69	<0.05	12.7	0.283	4.0
N813256		1.4	1.3	<0.002	<0.01	0.07	0.2	1	<0.2	48.6	<0.05	<0.05	<0.2	<0.005	0.6
N813257		14.0	112.0	0.004	0.12	2.36	9.5	1	1.8	318	0.64	<0.05	13.1	0.254	3.6
N813258		16.0	99.4	<0.002	0.01	1.81	10.4	1	1.7	416	0.63	<0.05	12.9	0.271	3.3
N813259		2860	161.5	0.002	4.73	90.0	7.8	1	7.7	87.5	0.46	0.41	11.2	0.181	5.5
N813260		38.0	90.7	<0.002	0.25	9.52	9.6	2	2.0	215	0.61	<0.05	11.4	0.240	4.8
N813261		16.4	93.8	<0.002	0.02	3.23	9.5	1	1.6	325	0.63	<0.05	10.3	0.265	3.0
N813262		16.1	96.0	<0.002	0.07	4.83	8.9	1	1.6	292	0.62	<0.05	11.8	0.246	3.8
N813263		17.1	111.0	<0.002	0.02	2.30	10.0	1	1.5	391	0.74	<0.05	15.4	0.262	4.9
N813264		15.9	98.4	<0.002	0.06	6.30	9.7	1	1.5	349	0.69	<0.05	12.0	0.278	4.1
N813265		33.5	99.7	<0.002	0.22	25.7	9.4	1	1.7	184.0	0.56	<0.05	10.4	0.239	4.1
N813266		1.4	1.3	<0.002	0.02	0.14	0.2	<1	<0.2	48.9	<0.05	<0.05	0.8	<0.005	1.9
N813267		11.8	87.6	<0.002	0.27	13.05	10.0	1	3.3	214	0.57	0.12	8.8	0.251	3.0
N813268		15.4	85.3	<0.002	0.04	5.49	9.9	1	2.3	219	0.65	0.09	8.4	0.277	4.1
N813269		19.5	96.9	<0.002	0.02	3.65	11.3	1	1.5	295	0.66	<0.05	13.1	0.290	3.6
N813270		16.9	99.9	<0.002	0.13	2.68	10.6	1	2.5	332	0.54	<0.05	11.6	0.254	3.5
N813271		12.1	67.4	<0.002	0.21	2.48	9.3	2	3.1	233	0.48	<0.05	11.7	0.217	4.3
N813272		12.5	76.2	<0.002	0.32	2.55	10.2	1	3.3	231	0.51	0.09	11.5	0.231	5.0
N813273		27.5	104.5	<0.002	0.07	2.37	11.8	2	2.3	360	0.56	<0.05	13.4	0.283	3.8
N813274		27.0	104.5	<0.002	0.07	2.37	11.8	2	2.3	371	0.60	<0.05	12.4	0.283	3.6
N813275		28.2	99.7	<0.002	0.09	2.60	11.2	2	2.1	347	0.59	<0.05	11.6	0.274	3.6
N813276		21.7	115.0	<0.002	0.13	4.57	10.9	1	2.1	274	0.55	<0.05	12.6	0.274	3.2
N813277		19.8	106.5	<0.002	0.07	3.23	11.5	1	1.8	424	0.56	<0.05	11.9	0.285	3.5
N813278		22.7	116.0	<0.002	0.09	8.38	11.2	2	2.0	182.0	0.58	<0.05	12.9	0.269	3.2





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**CERTIFICATE OF ANALYSIS WH12193421**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811993		79	2.7	14.2	46	24.5	1
N811994		78	4.4	16.1	46	24.4	<1
N811995		81	3.7	14.5	50	25.2	1
N811996		70	2.8	18.7	44	24.4	<1
N811997		67	1.9	15.9	40	30.0	<1
N811998		82	2.0	16.2	47	28.2	<1
N811999		57	5.2	10.7	5480	28.8	25
N812000		81	3.6	15.0	46	30.0	1
N813251		65	5.6	18.5	43	24.0	<1
N813252		80	2.9	13.9	49	27.7	1
N813253		77	4.1	15.5	46	26.1	<1
N813254		71	4.5	16.0	41	25.1	1
N813255		80	2.3	16.2	45	27.0	<1
N813256		1	0.1	1.0	16	<0.5	<1
N813257		71	2.5	14.2	46	25.6	1
N813258		77	2.0	15.5	47	29.2	1
N813259		57	5.1	10.7	5360	25.0	25
N813260		69	4.0	16.6	88	29.2	1
N813261		74	2.3	14.0	46	29.5	1
N813262		68	1.9	13.7	46	42.3	<1
N813263		72	1.7	15.3	46	44.3	<1
N813264		79	1.8	14.5	51	30.6	1
N813265		66	4.3	14.0	93	22.4	1
N813266		1	0.1	0.9	18	<0.5	<1
N813267		62	4.0	12.1	52	23.0	<1
N813268		76	5.7	13.6	46	24.3	1
N813269		80	6.0	13.7	50	25.9	<1
N813270		74	2.7	14.1	53	22.9	<1
N813271		64	2.4	14.2	55	21.1	<1
N813272		67	2.7	15.7	57	22.8	<1
N813273		80	1.4	15.4	63	29.6	<1
N813274		79	1.4	15.3	65	28.9	<1
N813275		78	1.9	14.2	59	27.6	1
N813276		77	2.4	13.5	58	29.8	<1
N813277		79	1.6	14.8	63	27.6	<1
N813278		75	4.5	14.6	61	27.0	1



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**CERTIFICATE OF ANALYSIS WH12193421**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12193440**

Project: Klaza - 104

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12193440**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811885		3.19	<0.005	0.10	6.68	4.9	990	1.18	0.17	2.80	0.07	37.0	8.4	9	11.20	24.7
N811886		0.26	1.745	26.3	5.73	2970	790	1.30	19.10	2.28	78.4	42.0	10.8	18	13.90	454
N811887		3.20	<0.005	0.10	6.99	5.1	950	1.17	0.16	2.64	0.10	38.6	7.2	8	12.30	12.1
N811888		3.35	<0.005	2.16	6.73	6.9	1080	1.20	0.72	2.94	0.19	37.3	9.0	16	14.00	31.1
N811889		1.78	<0.005	0.01	0.06	<5	60	0.06	0.04	21.0	0.08	1.07	0.7	<1	0.17	1.7
N811890		4.79	0.212	6.45	7.80	1130	1270	1.50	5.24	0.18	10.70	48.0	16.9	8	15.45	22.2
N811891		5.07	1.325	24.7	7.65	2880	3390	1.11	8.92	0.20	3.56	48.2	4.0	9	11.70	24.5
N811892		3.26	0.016	0.35	8.19	65.5	2790	1.68	1.05	0.47	9.87	48.8	12.1	9	18.45	8.1
N811893		4.00	0.021	0.62	8.09	99.4	1770	1.59	2.20	0.62	1.31	47.2	7.1	9	11.00	6.1
N811894		3.59	0.006	0.14	7.68	15.1	2180	1.44	0.68	2.05	0.24	46.0	7.1	9	8.34	6.6
N811895		0.26	0.878	9.91	6.65	1760	490	1.37	6.60	2.02	40.7	43.3	16.6	20	15.65	111.0
N811896		2.53	0.022	1.10	8.56	166.0	2100	1.57	1.59	0.45	1.61	43.5	9.4	10	12.45	12.1
N811897		6.75	0.108	2.11	7.89	141.0	2140	1.43	2.49	0.46	1.99	52.5	18.6	9	11.50	44.6
N811898		3.54	0.187	1.26	8.11	681	1720	1.75	0.82	0.30	3.43	57.0	15.3	9	20.7	14.0
N811899		3.37	0.008	0.52	7.95	47.8	2630	1.63	0.42	0.91	1.94	61.3	11.6	7	13.35	27.9
N811900		4.89	0.011	1.42	7.88	40.3	2180	1.53	0.58	1.08	2.35	49.8	5.5	8	10.30	14.7
N811901		2.48	0.350	22.7	7.16	687	2060	1.66	2.56	0.38	26.5	49.1	11.0	7	16.90	32.6
N811902		2.58	<0.005	0.04	0.09	<5	30	0.07	0.03	20.6	0.11	1.19	0.6	<1	0.23	1.2
N811903		2.64	0.060	2.59	7.87	59.9	2320	1.49	0.90	1.09	4.44	49.6	9.4	9	10.90	86.9
N811904		3.70	0.006	0.36	7.32	8.8	2180	1.41	0.14	2.22	0.81	43.1	7.5	9	7.80	12.2
N811905		1.56	<0.005	0.35	7.50	8.7	2250	1.40	0.14	2.23	0.82	43.6	8.2	8	7.57	14.3
N811906		3.98	0.006	0.50	7.95	28.4	2190	1.22	0.43	0.60	3.22	46.3	11.0	9	12.40	12.6
N811907		3.24	0.008	0.37	7.70	24.5	2200	1.37	0.12	0.66	4.00	45.4	8.0	9	20.2	11.1
N811908		3.51	0.005	0.25	7.30	10.7	2120	1.47	0.14	1.99	1.28	38.5	8.0	8	9.76	7.8
N811909		3.82	0.010	0.47	7.60	26.0	2030	1.40	0.47	1.10	3.17	53.7	10.8	8	18.65	21.8
N811910		3.02	0.005	0.25	7.61	14.6	2230	1.34	0.17	1.94	1.14	53.1	9.1	10	10.00	19.6
N811911		6.26	<0.005	0.12	7.41	9.5	2180	1.45	0.12	2.38	0.50	44.3	8.7	9	7.94	8.2
N811912		<0.02	<0.005	0.10	7.32	9.5	2160	1.42	0.11	2.27	0.46	41.1	8.1	9	7.68	7.2
N811913		4.42	<0.005	0.09	7.60	10.5	2220	1.41	0.16	2.42	0.28	41.5	7.3	12	8.52	6.2
N811914		2.12	<0.005	0.15	7.80	22.4	2160	1.44	0.12	2.16	1.02	40.1	8.8	9	11.55	9.0
N811915		7.32	<0.005	0.06	7.59	6.1	2270	1.26	0.11	2.82	0.14	50.0	8.1	10	7.66	8.0
N811916		2.35	<0.005	0.10	7.62	12.5	2150	1.36	0.22	2.28	0.29	42.5	7.7	8	11.70	10.0
N811917		5.66	<0.005	0.07	7.34	8.3	2280	1.34	0.17	2.49	0.13	41.2	7.6	9	8.22	6.7
N811918		2.79	<0.005	0.53	6.81	19.0	1890	1.25	0.15	3.30	1.35	39.9	6.9	8	8.85	7.6
N811919		4.20	<0.005	0.05	8.42	5.5	2600	1.42	0.14	3.07	0.17	42.0	7.7	12	9.25	5.5
N811920		2.63	<0.005	0.10	8.04	15.0	2180	1.38	0.23	2.94	0.29	40.3	7.8	9	12.15	8.1



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**CERTIFICATE OF ANALYSIS WH12193440**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811885		2.55	14.85	0.14	0.9	0.021	2.51	20.1	16.0	0.76	549	0.47	1.87	8.6	3.8	430
N811886		6.78	14.35	0.14	0.9	1.605	2.63	23.7	22.2	0.92	1970	13.15	0.05	5.7	15.5	440
N811887		2.46	14.25	0.12	0.9	0.025	2.60	20.7	18.4	0.68	533	0.48	1.56	8.9	3.5	420
N811888		3.39	14.75	0.15	0.7	0.031	2.28	19.5	26.3	1.07	848	4.21	1.08	8.4	6.1	630
N811889		0.51	0.17	0.09	<0.1	0.007	0.03	0.6	1.1	13.15	214	0.22	0.01	0.1	4.5	160
N811890		6.37	17.35	0.15	1.0	0.348	3.46	28.9	13.3	0.20	3950	1.77	0.05	7.6	3.1	590
N811891		6.63	17.05	0.14	1.0	0.358	3.61	29.0	10.5	0.27	827	2.01	0.09	7.5	1.5	540
N811892		3.87	17.80	0.17	1.1	0.079	3.26	24.7	19.9	0.40	3910	1.28	0.62	8.4	3.7	730
N811893		3.82	18.05	0.14	1.0	0.176	2.63	26.8	17.3	0.54	1130	0.77	2.06	8.0	3.2	680
N811894		3.32	17.10	0.13	1.1	0.060	2.45	25.0	11.9	0.79	615	0.47	2.30	7.9	3.3	660
N811895		5.51	15.15	0.15	1.4	0.864	2.95	23.3	23.5	0.73	2130	12.20	0.27	7.2	16.3	520
N811896		3.96	18.55	0.16	1.2	0.111	3.54	22.0	25.5	0.38	1710	1.40	0.37	8.8	2.9	720
N811897		4.50	17.30	0.14	1.1	0.122	3.81	29.0	15.0	0.31	1740	1.57	0.52	7.9	2.9	630
N811898		4.56	18.45	0.17	1.3	0.116	4.00	32.6	17.6	0.23	3280	2.53	0.11	8.4	3.3	730
N811899		3.52	17.75	0.17	1.1	0.079	3.04	32.2	14.8	0.38	927	0.97	1.29	8.1	2.9	680
N811900		3.30	16.45	0.15	1.2	0.068	2.80	23.3	16.5	0.52	961	0.83	1.50	8.0	3.0	630
N811901		4.93	16.55	0.16	1.1	0.412	3.23	30.8	14.4	0.25	8980	9.71	0.26	7.0	3.5	600
N811902		0.50	0.32	0.11	<0.1	0.007	0.05	0.6	1.3	13.00	231	0.11	0.01	0.2	4.3	170
N811903		3.96	16.80	0.18	1.1	0.108	3.68	28.5	18.8	0.45	1620	1.82	1.04	7.6	2.8	650
N811904		3.27	16.05	0.16	1.1	0.048	2.61	21.4	12.7	0.78	572	0.59	2.21	7.2	3.2	630
N811905		3.29	16.05	0.16	1.0	0.038	2.67	22.4	12.6	0.80	569	0.53	2.22	7.4	2.7	650
N811906		3.42	15.95	0.15	1.1	0.050	2.91	23.9	26.6	0.46	816	4.17	0.80	7.6	3.0	680
N811907		3.17	17.20	0.18	1.2	0.039	2.79	20.3	20.0	0.43	801	1.48	1.25	7.9	3.0	680
N811908		3.16	16.70	0.14	1.0	0.034	2.48	18.3	14.3	0.72	685	0.85	2.20	7.5	3.6	610
N811909		3.59	16.20	0.16	1.0	0.055	2.75	31.1	18.6	0.36	1170	2.10	0.92	7.3	2.9	660
N811910		3.37	16.25	0.14	1.1	0.029	2.55	27.0	13.6	0.78	618	0.76	2.17	7.7	3.3	660
N811911		3.23	16.60	0.16	1.1	0.038	2.60	21.7	16.3	0.91	628	0.69	2.38	7.9	2.5	660
N811912		3.24	15.95	0.14	1.1	0.040	2.47	19.3	15.8	0.90	597	0.68	2.37	7.6	2.1	670
N811913		3.23	15.50	0.14	1.0	0.044	2.61	20.2	15.1	0.91	596	0.57	2.36	7.3	1.8	640
N811914		3.33	16.40	0.13	1.1	0.049	2.65	20.1	20.5	0.60	657	0.89	1.81	8.2	2.1	740
N811915		3.28	16.50	0.12	1.0	0.046	2.63	24.5	17.3	0.97	669	0.61	2.44	7.6	1.9	660
N811916		3.24	16.45	0.14	1.1	0.041	2.57	20.8	20.7	0.63	585	1.18	1.74	7.5	1.9	670
N811917		3.14	15.75	0.14	1.0	0.035	2.60	19.6	15.3	0.91	614	0.97	2.34	7.3	1.9	630
N811918		2.92	14.90	0.15	1.0	0.045	2.48	19.8	15.3	0.75	804	1.35	1.89	6.9	1.7	600
N811919		3.62	16.80	0.13	1.1	0.046	2.95	20.4	16.3	1.01	734	1.48	2.70	7.7	2.0	740
N811920		3.36	16.05	0.15	1.1	0.045	2.90	19.4	15.2	0.73	696	1.78	1.91	7.7	1.9	690



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Project: Klaza - 104

**CERTIFICATE OF ANALYSIS WH12193440**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811885		11.9	87.5	<0.002	0.02	2.93	8.3	1	1.4	300	0.79	<0.05	12.6	0.236	0.92	3.4
N811886		2910	167.0	0.002	4.69	94.0	8.2	2	7.8	88.6	0.44	0.41	10.5	0.178	2.38	5.3
N811887		14.9	91.1	<0.002	0.05	3.09	8.1	1	1.2	346	0.88	<0.05	15.1	0.236	0.89	4.4
N811888		15.8	96.0	<0.002	0.03	6.17	11.0	2	2.0	385	0.61	<0.05	10.2	0.309	1.23	3.0
N811889		1.5	1.2	<0.002	0.01	0.11	0.1	1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N811890		653	187.5	<0.002	0.16	20.2	11.8	2	3.4	57.3	0.59	0.29	13.6	0.281	3.19	6.3
N811891		3450	210	<0.002	0.38	31.3	11.7	1	4.4	134.0	0.59	0.37	11.5	0.280	3.38	4.0
N811892		29.8	144.5	<0.002	0.01	5.18	14.4	1	2.1	103.5	0.63	<0.05	12.7	0.321	2.16	3.8
N811893		44.4	133.0	<0.002	<0.01	4.18	12.8	3	2.4	173.0	0.64	<0.05	13.2	0.290	1.82	2.7
N811894		16.5	101.0	<0.002	<0.01	2.12	12.5	2	1.7	366	0.63	<0.05	11.9	0.283	1.19	1.7
N811895		1420	163.0	0.002	3.11	34.3	9.0	1	5.9	149.0	0.58	0.35	11.7	0.213	2.61	5.3
N811896		155.5	170.5	<0.002	<0.01	7.45	12.7	2	2.0	76.7	0.69	<0.05	14.4	0.318	2.31	3.2
N811897		114.5	182.5	<0.002	0.01	5.76	12.4	2	2.2	97.9	0.66	0.08	14.8	0.283	2.71	4.2
N811898		132.5	209	0.002	<0.01	14.70	14.5	2	2.0	44.6	0.71	<0.05	15.2	0.309	3.04	5.2
N811899		18.3	146.0	<0.002	<0.01	6.63	11.9	2	1.7	198.5	0.66	<0.05	16.4	0.283	1.71	2.5
N811900		25.7	122.5	<0.002	<0.01	6.48	10.9	1	1.7	236	0.73	<0.05	15.0	0.274	1.35	2.4
N811901		1250	177.0	<0.002	0.03	32.0	11.2	2	2.4	92.7	0.57	<0.05	13.5	0.252	2.80	6.6
N811902		3.3	2.1	<0.002	<0.01	0.17	0.2	1	<0.2	34.0	<0.05	<0.05	0.2	<0.005	0.03	0.5
N811903		34.0	171.5	<0.002	0.01	4.61	11.8	1	1.9	188.5	0.58	<0.05	14.5	0.277	2.24	2.9
N811904		16.6	99.7	<0.002	<0.01	1.72	11.0	1	1.7	360	0.59	<0.05	11.4	0.275	0.96	1.4
N811905		16.6	99.3	<0.002	<0.01	1.57	11.4	2	2.0	364	0.57	<0.05	11.9	0.284	0.97	1.5
N811906		28.3	127.0	<0.002	0.01	6.86	11.6	2	1.5	117.5	0.60	<0.05	13.4	0.299	1.27	2.3
N811907		17.8	119.5	<0.002	<0.01	4.81	11.8	2	1.5	168.5	0.66	<0.05	13.8	0.293	1.14	2.0
N811908		19.2	91.4	<0.002	<0.01	1.64	10.8	2	1.4	351	0.56	<0.05	10.6	0.269	0.96	1.3
N811909		51.0	123.0	<0.002	0.01	9.03	11.9	1	2.8	155.0	0.55	<0.05	13.1	0.285	1.42	2.8
N811910		16.3	107.0	<0.002	<0.01	1.95	11.9	2	3.2	345	0.61	<0.05	13.3	0.286	0.97	1.4
N811911		18.9	91.3	<0.002	<0.01	1.59	11.5	1	1.6	391	0.62	<0.05	10.8	0.293	0.94	1.4
N811912		17.5	87.7	<0.002	<0.01	1.58	10.8	1	1.7	392	0.62	0.07	10.4	0.276	0.98	1.3
N811913		16.3	99.0	<0.002	<0.01	1.76	10.2	1	1.5	373	0.60	0.07	11.2	0.282	1.04	1.6
N811914		15.5	97.0	<0.002	<0.01	4.58	11.4	1	2.0	286	0.67	<0.05	10.4	0.307	1.11	1.7
N811915		14.9	83.9	<0.002	0.01	1.20	10.9	1	1.8	431	0.60	0.05	10.8	0.293	0.98	1.5
N811916		15.8	89.4	<0.002	0.03	7.72	10.6	<1	1.9	311	0.60	<0.05	10.6	0.269	1.15	1.9
N811917		14.7	89.8	<0.002	0.03	1.39	10.1	1	1.9	419	0.57	<0.05	10.2	0.278	1.01	1.3
N811918		24.7	88.7	<0.002	0.02	2.72	9.6	1	1.8	333	0.55	0.09	10.1	0.260	1.13	1.2
N811919		15.1	94.8	<0.002	<0.01	1.64	10.7	1	2.4	478	0.64	<0.05	10.3	0.322	1.11	1.4
N811920		17.8	101.5	<0.002	0.04	3.57	10.2	<1	2.5	352	0.65	0.05	10.1	0.304	1.26	1.6



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Project: Klaza - 104

**CERTIFICATE OF ANALYSIS WH12193440**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811885		67	1.8	10.1	43	22.1	1
N811886		56	4.9	9.6	5530	25.1	26
N811887		68	2.4	11.2	51	21.6	1
N811888		92	19.3	12.1	79	17.6	3
N811889		2	0.1	0.7	17	<0.5	<1
N811890		86	4.3	15.1	1540	21.1	7
N811891		82	3.9	6.9	587	20.3	26
N811892		91	2.4	18.0	556	22.4	<1
N811893		83	1.9	15.5	325	22.8	1
N811894		79	0.7	17.0	78	23.6	1
N811895		59	5.1	10.8	3140	35.6	10
N811896		85	5.0	14.6	285	26.3	1
N811897		79	2.8	14.6	260	23.4	2
N811898		95	3.3	18.9	349	26.1	1
N811899		75	1.5	15.0	205	24.3	1
N811900		72	2.2	14.4	444	25.2	2
N811901		75	4.6	21.5	2040	22.7	23
N811902		3	0.1	0.8	17	<0.5	<1
N811903		79	3.3	15.4	379	24.0	3
N811904		76	1.7	14.4	191	23.0	1
N811905		77	1.5	14.7	195	22.3	1
N811906		84	3.6	12.6	319	23.3	1
N811907		82	4.1	11.7	499	26.1	1
N811908		75	2.0	13.2	368	22.5	1
N811909		80	5.2	16.9	280	21.9	1
N811910		81	3.4	15.8	406	22.4	1
N811911		84	0.7	17.9	116	25.9	1
N811912		80	0.7	16.7	105	24.5	<1
N811913		80	1.0	16.0	86	23.6	1
N811914		89	2.2	17.0	149	25.5	1
N811915		84	1.0	17.2	50	24.3	1
N811916		76	4.0	16.0	59	23.7	1
N811917		77	3.3	15.5	62	23.0	1
N811918		73	2.2	15.0	197	23.3	1
N811919		92	1.2	16.6	76	25.5	<1
N811920		85	1.5	15.5	169	24.5	<1



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**CERTIFICATE OF ANALYSIS WH12193440**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12193441**

Project: Klaza - 106

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12193441**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355569		5.79	<0.005	0.08	7.55	4.1	2230	1.63	0.30	2.65	0.09	44.5	9.6	10	7.67	5.7
M355570		2.84	<0.005	0.95	7.20	20.1	1530	1.49	0.33	2.36	3.13	38.8	9.2	7	17.15	26.0
M355571		7.67	<0.005	0.15	7.48	4.7	2270	1.58	0.18	2.59	0.09	38.4	7.8	10	8.71	12.5
M355572		4.99	<0.005	0.05	7.88	3.8	2390	1.65	0.13	2.70	0.10	43.8	8.8	10	7.65	3.5
M355573		2.31	<0.005	0.06	7.62	4.1	2320	1.51	0.18	2.68	0.10	43.9	9.1	10	7.45	3.9
M355574		5.01	<0.005	0.19	7.54	12.1	2300	1.56	0.24	2.84	0.21	40.2	7.8	9	8.06	5.0
M355575		2.90	<0.005	0.13	7.67	8.8	2130	1.50	0.14	2.92	0.10	41.6	7.8	9	18.80	8.0
M355576		3.88	<0.005	0.23	7.58	7.5	2280	1.54	0.25	2.71	0.12	40.5	8.2	10	8.30	17.1
M355577		7.25	<0.005	0.06	7.71	4.4	2320	1.56	0.10	2.91	0.16	43.4	9.1	11	6.48	5.7
M355578		7.46	<0.005	0.10	7.78	6.8	2340	1.57	0.14	2.72	0.16	44.6	7.4	9	7.81	5.4
M355579		<0.02	<0.005	0.09	7.58	6.4	2310	1.67	0.13	2.66	0.14	41.6	7.4	9	7.99	5.3
M355580		3.73	0.051	0.15	7.63	7.6	2440	1.48	0.16	2.66	0.10	41.5	8.8	9	6.45	18.8
M355581		2.33	0.061	1.09	7.31	52.9	1340	1.38	0.80	2.24	0.93	41.8	21.0	7	8.47	35.3
M355582		2.72	<0.005	0.26	7.53	12.6	2300	1.51	0.15	2.71	0.88	41.7	6.4	9	9.55	14.7
M355583		7.39	<0.005	0.10	7.83	6.0	2250	1.53	0.12	2.75	0.15	44.9	8.7	12	9.13	5.9
M355584		0.26	4.56	>100	5.70	8340	840	1.18	56.1	2.01	230	31.4	9.7	16	11.50	1315
M355585		4.58	0.060	3.51	7.43	701	1220	1.54	1.39	1.20	10.90	49.1	9.7	7	9.68	68.1
M355586		4.17	<0.005	0.48	7.62	28.9	1830	1.82	0.28	2.46	1.79	42.8	9.6	8	25.7	14.0
M355587		2.68	1.010	59.3	6.05	5770	1090	1.37	4.85	3.52	386	37.5	8.3	4	17.60	297
M355588		1.67	<0.005	0.51	0.07	<5	20	0.08	0.09	21.9	0.28	1.20	1.1	<1	0.30	7.2
M355589		2.50	<0.005	0.29	7.70	13.0	1950	1.60	0.13	2.71	0.67	47.1	8.1	8	16.20	7.4
M355590		6.17	<0.005	0.16	7.31	10.6	2220	1.63	0.15	2.66	0.53	41.1	8.8	12	8.12	4.5
M355591		4.32	<0.005	0.32	7.30	29.8	2490	1.67	0.31	2.24	0.65	40.1	7.2	8	16.25	8.4
M355592		4.15	0.860	6.06	6.72	2300	460	1.42	3.01	1.81	27.7	45.3	10.1	7	7.78	76.6
M355593		4.15	0.013	0.59	7.53	75.1	2030	1.64	0.36	2.55	1.86	45.7	8.5	9	12.00	13.7
M355594		7.27	<0.005	0.09	7.60	7.3	2200	1.50	0.19	2.55	0.12	43.3	8.0	10	8.99	6.2
M355595		2.54	0.007	0.41	7.53	69.1	1980	1.65	0.19	2.66	1.05	44.5	7.4	8	15.40	8.1
M355596		3.04	0.319	3.74	7.25	717	380	1.60	2.02	0.96	8.65	48.6	8.1	8	7.36	40.3
M355597		2.90	<0.005	0.22	7.78	40.9	2080	1.67	0.18	2.62	0.79	44.8	7.5	9	11.80	5.1
M355598		7.65	<0.005	0.07	6.95	5.9	2230	1.56	0.24	2.68	0.10	42.2	8.3	11	6.97	8.1
M355599		0.26	4.52	>100	5.36	7870	160	1.13	58.6	2.08	233	28.5	9.9	19	11.50	1350
M355600		5.97	<0.005	0.09	6.80	5.4	2120	1.58	0.19	2.72	0.12	42.1	7.7	15	8.62	5.1
M355601		2.92	0.053	2.94	6.85	194.0	270	1.55	2.26	0.78	16.70	48.4	10.3	9	7.40	50.7
M355602		3.54	0.927	17.25	5.08	816	930	1.27	15.35	2.00	36.4	34.6	12.3	7	18.55	148.5
M355603		2.29	<0.005	0.05	0.15	<5	30	0.08	0.03	21.0	0.11	1.40	1.3	<1	1.37	1.8
M355604		3.10	3.42	>100	5.30	6170	870	1.26	77.8	4.74	210	39.1	27.4	8	15.95	600



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**CERTIFICATE OF ANALYSIS WH12193441**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355569		3.03	17.95	0.20	1.2	0.048	2.48	22.7	13.0	0.87	621	0.93	2.20	8.2	2.9	600
M355570		3.11	17.10	0.17	1.1	0.078	2.56	19.7	21.0	0.70	1070	0.86	0.44	7.7	2.7	590
M355571		3.20	18.20	0.19	1.2	0.063	2.58	19.0	13.4	0.83	667	0.83	2.18	8.4	2.9	610
M355572		3.17	18.90	0.22	1.1	0.045	2.58	21.9	15.1	0.98	612	0.69	2.46	8.7	2.8	640
M355573		3.14	18.70	0.20	1.1	0.046	2.48	21.9	15.2	0.97	616	0.69	2.36	8.4	2.9	630
M355574		3.21	19.00	0.19	1.2	0.061	2.52	19.7	13.0	0.88	654	1.02	2.22	8.4	2.7	620
M355575		3.37	18.80	0.20	1.1	0.073	2.56	20.6	13.7	0.89	831	0.68	1.31	8.6	2.9	660
M355576		3.38	18.75	0.20	1.1	0.069	2.69	19.9	11.7	0.85	758	0.72	2.04	8.4	2.9	640
M355577		3.39	18.70	0.21	1.2	0.050	2.56	21.3	12.0	1.05	689	5.77	2.41	8.8	3.0	680
M355578		3.17	18.50	0.20	1.1	0.056	2.70	22.5	13.6	0.91	680	2.43	2.28	8.1	2.8	630
M355579		3.17	19.10	0.21	1.2	0.058	2.64	20.8	13.9	0.88	676	2.68	2.27	8.4	3.0	610
M355580		3.24	17.95	0.19	1.2	0.060	2.72	21.2	12.9	0.87	682	0.92	2.18	7.9	2.7	610
M355581		4.03	17.05	0.19	1.1	0.178	3.04	22.1	21.9	0.78	1940	0.93	0.42	7.4	2.4	550
M355582		3.39	18.10	0.20	1.2	0.065	2.89	20.9	12.5	0.83	952	0.90	1.77	8.1	2.6	600
M355583		3.16	18.50	0.21	1.2	0.045	2.71	23.2	14.2	0.88	641	0.76	2.23	8.3	3.0	620
M355584		8.16	13.95	0.20	1.2	4.83	2.35	16.3	31.4	0.65	3120	15.50	0.09	5.5	13.4	460
M355585		4.82	18.60	0.17	1.2	0.199	3.28	27.2	18.5	0.85	2160	0.97	0.05	7.4	2.5	550
M355586		3.08	18.40	0.19	1.3	0.082	2.73	21.6	31.8	0.75	876	0.70	0.78	8.5	2.9	620
M355587		5.18	14.45	0.15	1.0	5.92	2.30	20.1	17.8	1.28	2440	0.80	0.04	6.2	2.0	450
M355588		0.52	0.29	0.13	<0.1	0.010	0.03	0.6	1.1	13.20	219	0.12	0.01	0.2	2.2	160
M355589		3.06	18.30	0.18	1.5	0.050	2.71	23.9	18.1	0.83	820	0.57	1.60	8.9	2.6	600
M355590		3.03	17.95	0.16	1.2	0.055	2.51	20.3	15.1	0.89	589	0.49	2.28	8.4	2.8	610
M355591		3.50	17.45	0.18	1.2	0.089	2.89	19.8	21.4	0.78	1100	0.49	0.79	7.9	2.8	610
M355592		5.68	16.90	0.19	1.0	0.818	3.15	25.3	8.5	0.88	2260	2.99	0.03	6.8	2.6	520
M355593		3.31	17.55	0.19	1.1	0.078	2.81	23.6	16.8	0.78	1140	0.56	1.33	7.9	3.2	610
M355594		2.89	17.00	0.19	1.0	0.041	2.79	22.5	17.7	0.75	537	0.64	1.95	7.3	2.8	590
M355595		3.05	17.65	0.21	1.1	0.075	2.92	23.1	17.7	0.75	1040	0.48	1.38	7.5	2.8	570
M355596		5.10	16.65	0.19	1.0	0.437	3.43	27.2	6.6	0.59	1380	0.85	0.04	7.1	2.5	560
M355597		3.36	17.50	0.20	1.0	0.050	2.82	23.5	11.9	0.84	1020	0.57	1.95	7.6	2.8	640
M355598		3.00	18.20	0.19	1.2	0.040	2.70	21.5	17.5	0.88	589	1.64	2.35	8.4	3.3	600
M355599		8.34	14.05	0.21	1.1	4.83	2.38	14.8	36.0	0.66	3230	15.25	0.09	5.8	15.1	460
M355600		3.05	17.45	0.17	1.0	0.040	2.68	21.6	14.7	0.84	606	1.93	2.16	7.6	3.0	590
M355601		5.03	16.60	0.21	1.0	0.937	3.30	27.6	6.8	0.54	1420	1.24	0.10	7.3	2.9	550
M355602		7.69	14.10	0.23	1.0	1.235	2.19	19.3	18.4	0.73	1180	3.16	0.05	5.7	3.9	470
M355603		0.48	0.70	0.08	<0.1	0.007	0.10	0.7	2.4	12.65	215	0.11	0.01	0.6	<0.2	210
M355604		8.16	13.15	0.18	1.7	2.84	2.00	21.9	24.1	1.61	3290	1.87	0.06	6.3	3.4	630



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**CERTIFICATE OF ANALYSIS WH12193441**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M355569		14.9	96.5	<0.002	0.03	1.60	12.2	2	1.6	380	0.75	<0.05	12.4	0.266	4.2
M355570		55.1	99.3	<0.002	0.25	7.30	11.1	2	1.7	137.5	0.67	0.10	10.5	0.258	3.2
M355571		13.3	93.4	<0.002	0.04	2.28	11.6	2	1.6	361	0.71	<0.05	10.0	0.274	3.8
M355572		14.7	92.6	<0.002	0.01	1.41	12.5	2	1.6	435	0.72	<0.05	10.5	0.285	3.8
M355573		14.4	89.2	<0.002	0.02	1.37	12.2	2	1.6	425	0.71	<0.05	10.6	0.279	3.7
M355574		20.2	91.0	<0.002	0.05	3.59	11.7	2	1.8	385	0.73	<0.05	10.4	0.276	3.8
M355575		16.2	98.6	<0.002	0.12	3.20	12.2	2	1.9	274	0.71	<0.05	10.2	0.281	4.0
M355576		16.0	103.0	<0.002	0.11	1.62	11.9	2	2.1	355	0.70	<0.05	11.3	0.275	3.9
M355577		16.4	88.7	<0.002	0.01	1.04	12.9	2	1.8	425	0.73	<0.05	10.3	0.298	3.7
M355578		17.1	101.0	<0.002	0.05	1.42	11.9	2	1.8	394	0.70	<0.05	11.2	0.276	3.7
M355579		17.3	99.9	<0.002	0.04	1.43	11.7	2	1.9	393	0.72	<0.05	10.2	0.272	3.6
M355580		14.2	98.5	<0.002	0.12	1.27	11.3	2	1.8	383	0.67	<0.05	10.8	0.268	3.6
M355581		133.0	168.5	<0.002	1.01	3.34	11.3	1	4.2	143.0	0.63	0.08	12.1	0.244	3.5
M355582		56.3	113.5	<0.002	0.11	2.53	11.3	2	2.1	330	0.69	<0.05	10.1	0.267	3.6
M355583		18.6	104.0	<0.002	0.02	1.54	11.9	2	1.7	390	0.72	<0.05	11.3	0.273	3.8
M355584		>10000	135.0	0.002	7.23	220	7.4	3	8.9	121.5	0.47	0.49	7.9	0.183	4.7
M355585		714	199.5	<0.002	1.29	9.02	11.1	1	9.6	57.4	0.64	0.05	12.4	0.234	4.4
M355586		43.6	118.0	<0.002	0.16	7.46	11.5	2	1.9	217	0.85	<0.05	11.5	0.266	3.5
M355587		>10000	134.0	<0.002	4.34	79.6	9.0	3	4.2	122.0	0.66	0.08	10.4	0.195	4.1
M355588		47.8	1.8	<0.002	<0.01	0.61	0.3	1	0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.5
M355589		45.8	119.0	<0.002	0.03	4.52	11.3	2	1.7	304	1.00	<0.05	13.5	0.266	5.4
M355590		37.0	92.7	<0.002	0.01	1.34	11.5	2	1.6	402	0.76	<0.05	11.3	0.271	4.3
M355591		44.1	122.5	<0.002	0.17	9.01	11.4	2	2.5	194.5	0.72	<0.05	11.0	0.266	3.7
M355592		674	217	<0.002	3.76	36.2	10.2	2	10.7	45.0	0.58	0.09	11.2	0.223	5.8
M355593		118.0	118.5	<0.002	0.20	5.24	12.0	2	2.6	282	0.65	<0.05	11.2	0.269	3.6
M355594		16.5	99.2	<0.002	0.02	2.72	10.8	2	1.9	347	0.61	<0.05	10.7	0.261	3.3
M355595		117.5	120.5	<0.002	0.15	4.82	11.4	2	2.2	290	0.59	<0.05	9.9	0.258	3.1
M355596		413	225	<0.002	3.94	21.3	11.2	1	11.4	36.5	0.58	0.11	10.9	0.246	3.2
M355597		75.4	120.0	<0.002	0.07	2.91	12.1	2	2.1	347	0.61	<0.05	10.7	0.275	3.1
M355598		17.4	105.5	<0.002	0.01	1.09	11.9	2	1.5	388	0.72	<0.05	11.9	0.272	3.8
M355599		>10000	143.0	0.002	7.49	231	8.1	3	7.9	124.0	0.49	0.45	8.3	0.192	5.2
M355600		16.1	102.0	<0.002	0.01	2.17	11.8	2	1.5	367	0.58	<0.05	10.8	0.277	2.8
M355601		417	192.5	<0.002	3.72	11.35	11.5	2	6.1	45.2	0.63	0.14	13.8	0.244	4.2
M355602		628	155.0	<0.002	7.74	24.0	9.1	4	8.3	105.5	0.46	0.37	9.1	0.184	3.4
M355603		2.4	9.1	<0.002	<0.01	0.07	0.6	1	<0.2	44.2	<0.05	<0.05	<0.2	0.005	0.6
M355604		8380	122.0	<0.002	7.53	63.5	6.5	3	6.4	242	0.51	0.86	8.4	0.201	3.1



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M355569		74	1.9	17.3	42	26.5	<1		
M355570		70	6.8	15.0	294	25.1	1		
M355571		75	2.1	15.6	46	26.9	<1		
M355572		78	1.9	17.9	42	26.4	<1		
M355573		76	1.8	17.5	43	26.9	<1		
M355574		76	1.5	16.4	53	26.8	<1		
M355575		79	2.6	16.7	46	26.4	<1		
M355576		77	3.9	16.2	47	27.2	<1		
M355577		84	18.1	18.6	49	27.5	<1		
M355578		76	4.9	16.1	51	26.1	<1		
M355579		75	5.1	16.2	49	28.4	<1		
M355580		73	2.2	15.8	49	27.5	<1		
M355581		69	5.8	11.7	147	26.3	1		
M355582		74	2.5	15.5	111	28.1	<1		
M355583		74	1.5	17.3	47	28.1	<1		
M355584		55	5.0	9.7	>10000	33.3	120	0.997	1.655
M355585		66	8.0	11.7	983	26.8	3		
M355586		72	1.8	15.1	207	29.1	<1		
M355587		55	2.6	12.9	>10000	22.1	61	1.960	3.17
M355588		2	0.1	0.8	31	0.5	1		
M355589		73	1.7	18.3	84	32.3	<1		
M355590		74	0.6	17.2	74	27.2	<1		
M355591		75	2.1	15.5	103	26.7	<1		
M355592		63	5.6	8.4	2000	22.0	5		
M355593		73	2.5	16.1	189	25.7	1		
M355594		70	1.9	14.4	42	24.7	<1		
M355595		70	2.1	14.8	132	25.3	1		
M355596		67	5.2	7.7	858	22.9	4		
M355597		76	1.3	15.6	103	23.3	<1		
M355598		75	1.5	17.6	43	27.9	<1		
M355599		57	4.9	10.2	>10000	33.6	123	1.010	1.605
M355600		78	2.9	16.3	49	24.6	<1		
M355601		68	6.9	9.4	1760	23.9	3		
M355602		52	8.3	9.6	2690	28.5	15		
M355603		4	0.1	1.0	18	<0.5	<1		
M355604		48	3.8	11.3	>10000	62.3	116		1.465



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**CERTIFICATE OF ANALYSIS WH12193441**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12193442**

Project: Klaza - 106

P.O. No.: Batch 5

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12193442**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M355605		2.88	0.263	6.39	6.78	917	110	1.20	2.84	0.76	27.1	45.5	35.3	15	7.56	25.0
M355606		2.45	<0.005	0.01	0.06	<5	30	0.05	0.02	20.9	0.08	1.04	1.2	<1	0.15	2.0
M355607		3.90	0.076	1.97	6.96	232	1650	1.33	0.83	2.64	13.50	50.2	22.0	18	15.85	12.4
M355608		4.27	<0.005	0.18	6.75	9.1	2400	1.21	0.18	2.76	0.17	44.9	7.6	17	7.71	18.6
M355609		6.85	0.005	0.38	6.60	18.2	2820	1.25	0.29	2.91	0.71	36.9	7.5	22	10.80	42.8
M355610		0.26	2.28	25.0	5.74	3280	1260	1.37	19.45	2.27	77.9	41.8	11.2	19	14.55	449
M355611		3.05	<0.005	0.13	6.62	6.0	2420	1.25	0.18	2.86	0.11	38.6	5.8	20	7.94	4.4
M355612		2.76	<0.005	0.72	6.61	34.9	2540	1.47	0.16	3.12	1.91	34.9	6.2	14	10.85	16.3
M355613		5.53	0.005	0.55	6.07	24.4	3510	1.48	0.46	3.95	0.33	36.7	7.4	12	13.30	77.2
M355614		3.40	<0.005	0.31	6.50	20.8	3160	1.57	0.62	2.91	0.26	35.6	11.2	17	10.95	7.5
M355615		2.90	<0.005	0.02	0.14	<5	40	0.08	0.07	21.3	0.07	1.28	1.4	1	0.38	2.3
M355616		4.42	0.005	0.35	6.58	12.2	2190	1.31	0.35	2.96	0.17	36.1	12.4	18	7.86	52.1
M355617		3.97	<0.005	0.09	6.76	23.4	2340	1.43	0.14	2.85	0.11	42.2	7.1	21	6.43	5.9
M355618		2.84	<0.005	0.09	6.83	4.5	2220	1.42	0.15	2.88	0.07	42.0	6.2	16	6.84	6.9
M355619		6.17	<0.005	0.18	6.90	8.6	2380	1.42	0.26	2.95	0.27	39.6	6.9	20	6.08	11.3
M355620		<0.02	0.006	0.17	6.59	8.0	2300	1.39	0.25	2.88	0.29	40.7	7.5	19	6.10	12.0
M355621		6.39	<0.005	0.08	6.57	5.5	2520	1.49	0.19	3.40	0.06	37.6	6.1	14	6.60	5.0
M355622		6.50	0.010	0.54	6.76	37.5	2960	1.46	0.40	3.59	0.60	40.8	13.5	20	8.71	65.1
M355623		4.45	<0.005	0.11	6.90	7.9	2400	1.59	0.14	2.77	0.16	45.9	11.2	18	4.59	6.5
M355624		1.60	<0.005	0.12	7.01	8.3	2410	1.49	0.15	2.83	0.17	45.5	12.1	18	4.99	6.8
M355625		5.09	<0.005	0.12	6.84	8.4	2240	1.42	0.06	2.90	0.63	45.6	7.5	23	3.24	13.6
M355626		3.85	<0.005	0.07	6.80	4.2	2280	1.49	0.08	2.88	0.10	47.0	8.8	29	3.20	6.7
M355627		0.26	0.756	9.30	6.54	1720	690	1.54	6.28	1.92	40.7	42.3	17.5	19	16.50	114.5
M355628		2.89	<0.005	0.15	6.82	6.7	2490	1.49	0.20	2.85	0.10	41.2	10.0	19	4.35	19.6
M355629		4.10	0.006	0.32	6.69	21.1	2100	1.53	0.24	2.76	0.28	43.8	11.3	26	5.37	15.9
M355630		4.27	<0.005	0.08	6.60	5.4	2190	1.46	0.09	2.78	0.07	42.7	7.7	20	6.56	6.4
M355631		4.54	<0.005	0.26	6.49	20.2	2100	1.50	0.08	3.14	0.44	40.2	8.2	24	7.06	8.0





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**CERTIFICATE OF ANALYSIS WH12193442**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355605		7.72	16.15	0.22	1.0	1.930	3.32	24.4	5.8	0.52	2080	1.97	0.03	7.7	4.3	560
M355606		0.47	0.27	0.09	<0.1	0.006	0.02	0.5	1.0	12.50	200	1.07	0.01	0.2	<0.2	160
M355607		4.38	16.75	0.15	1.0	0.619	3.40	27.0	11.9	0.91	2700	1.88	0.73	7.6	3.2	570
M355608		3.06	16.70	0.16	1.0	0.056	2.87	22.8	8.7	0.79	892	1.81	1.97	7.5	2.8	570
M355609		3.19	15.85	0.17	0.8	0.064	2.95	18.6	9.2	0.78	1060	1.73	1.75	7.0	2.9	580
M355610		6.55	15.10	0.21	1.0	1.760	2.66	24.2	26.6	0.93	1920	13.10	0.04	6.2	16.6	450
M355611		2.98	16.20	0.18	0.9	0.053	2.78	19.7	11.8	0.74	731	1.88	1.84	7.1	2.5	570
M355612		3.13	17.20	0.19	0.9	0.088	3.15	16.9	18.1	0.63	1250	1.19	0.63	7.2	2.4	550
M355613		2.91	16.25	0.18	0.9	0.139	2.73	18.8	11.8	0.92	1090	1.15	1.02	7.1	2.2	530
M355614		3.02	16.75	0.18	0.8	0.161	2.76	18.0	10.9	0.77	932	1.43	1.52	7.4	2.8	560
M355615		0.50	0.51	0.08	<0.1	0.005	0.07	0.6	1.5	12.75	223	0.10	0.01	0.3	0.2	180
M355616		3.18	17.10	0.13	0.9	0.109	2.75	17.7	9.9	0.89	1040	1.40	1.72	7.2	2.5	570
M355617		3.13	17.55	0.18	1.1	0.051	2.82	21.1	12.1	0.85	737	1.57	2.01	8.1	3.0	590
M355618		3.18	16.75	0.16	1.1	0.056	2.80	21.3	10.9	0.80	927	1.35	1.85	7.4	2.6	570
M355619		3.11	16.90	0.18	1.1	0.063	3.00	20.1	10.7	0.80	1040	1.53	1.80	7.7	2.6	590
M355620		3.10	17.35	0.19	1.1	0.070	2.94	20.3	11.1	0.77	1040	1.56	1.74	7.8	2.8	580
M355621		3.14	17.25	0.18	1.1	0.065	2.74	18.8	11.6	0.80	1120	1.10	1.77	7.8	2.5	570
M355622		3.81	16.90	0.17	1.0	0.119	2.93	20.9	11.7	0.92	1380	1.63	0.96	7.5	3.4	650
M355623		3.16	17.85	0.19	1.1	0.058	2.84	22.9	9.7	0.81	762	1.77	2.01	8.3	2.8	610
M355624		3.23	17.85	0.19	1.2	0.059	2.86	22.7	9.7	0.81	791	1.68	2.02	8.3	2.9	630
M355625		3.04	17.10	0.19	1.1	0.050	2.56	22.7	10.3	0.86	769	1.81	2.12	7.6	3.4	590
M355626		3.21	17.00	0.20	1.2	0.049	2.58	23.9	11.7	0.91	676	1.98	2.18	8.0	3.2	640
M355627		5.26	16.10	0.20	1.3	0.948	2.86	22.7	26.8	0.71	2010	12.10	0.27	7.4	16.7	500
M355628		3.15	17.10	0.19	1.1	0.049	2.78	20.2	11.2	0.88	720	1.70	2.24	8.0	3.0	620
M355629		3.48	17.65	0.22	1.2	0.066	2.62	21.6	11.4	0.94	873	2.01	1.97	8.0	3.6	640
M355630		2.85	16.60	0.19	1.1	0.044	2.73	21.4	10.0	0.80	634	1.83	2.14	7.9	2.7	600
M355631		3.14	16.50	0.19	1.1	0.049	2.65	19.5	11.8	0.79	840	1.92	1.96	7.8	3.0	570



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**CERTIFICATE OF ANALYSIS WH12193442**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355605		677	207	<0.002	7.14	8.58	11.7	1	8.2	32.9	0.70	0.97	13.7	0.257	2.75	4.6
M355606		2.5	1.3	<0.002	0.01	<0.05	0.2	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M355607		126.5	154.5	<0.002	1.41	5.18	11.1	1	2.3	215	0.67	0.16	14.8	0.258	2.42	4.9
M355608		19.9	110.5	<0.002	0.10	1.67	11.5	1	1.2	369	0.62	<0.05	12.3	0.256	1.35	3.8
M355609		31.2	105.5	<0.002	0.17	2.65	10.2	1	1.1	343	0.54	<0.05	9.0	0.249	1.58	2.9
M355610		2790	178.5	0.002	4.86	88.2	9.1	2	7.2	93.8	0.55	0.38	11.6	0.184	2.47	5.5
M355611		15.7	99.0	<0.002	0.05	1.88	10.8	1	1.2	364	0.57	<0.05	10.3	0.251	1.26	3.1
M355612		302	108.5	<0.002	0.36	4.72	10.8	1	2.1	224	0.57	<0.05	9.3	0.255	1.72	2.7
M355613		22.6	104.0	<0.002	0.37	8.73	10.4	2	1.5	217	0.57	<0.05	9.2	0.247	1.69	2.7
M355614		17.1	116.5	<0.002	0.54	3.46	11.3	1	1.5	225	0.57	0.11	8.8	0.258	1.63	2.8
M355615		1.8	3.8	<0.002	0.01	0.07	0.5	1	0.7	42.7	<0.05	<0.05	0.2	0.006	0.02	0.8
M355616		17.6	101.0	<0.002	0.25	4.06	10.0	1	2.1	264	0.56	0.07	9.2	0.262	1.58	2.9
M355617		14.8	105.5	<0.002	0.05	2.22	11.1	2	1.5	358	0.68	<0.05	11.6	0.267	1.34	3.6
M355618		11.7	107.0	<0.002	0.07	2.35	10.7	1	1.3	308	0.67	<0.05	13.1	0.252	1.44	4.3
M355619		36.4	113.0	<0.002	0.16	2.30	11.1	2	1.7	305	0.66	<0.05	12.0	0.268	1.57	3.9
M355620		27.5	106.5	<0.002	0.14	2.39	11.2	2	1.7	293	0.69	<0.05	11.8	0.266	1.58	3.9
M355621		7.8	104.5	<0.002	0.11	2.63	11.1	1	1.6	259	0.71	<0.05	10.8	0.265	1.69	3.4
M355622		49.2	123.5	<0.002	0.67	4.10	11.6	1	1.7	199.5	0.66	0.07	10.7	0.268	1.87	3.8
M355623		21.7	98.2	<0.002	0.16	1.31	12.4	2	1.4	370	0.72	0.05	12.8	0.268	1.13	4.2
M355624		23.0	95.4	<0.002	0.18	1.31	12.1	2	1.5	374	0.72	0.05	12.4	0.273	1.19	3.9
M355625		44.5	87.6	<0.002	0.06	1.01	12.0	1	2.9	378	0.68	<0.05	12.7	0.259	0.96	3.7
M355626		15.6	90.6	<0.002	0.03	0.84	12.8	2	1.7	386	0.66	<0.05	13.9	0.276	0.91	3.9
M355627		1375	167.0	0.002	3.17	32.9	9.6	2	5.3	148.0	0.64	0.30	12.1	0.211	2.49	5.2
M355628		15.5	98.4	<0.002	0.12	1.44	12.1	1	1.5	386	0.63	<0.05	11.4	0.276	1.16	3.3
M355629		39.4	99.8	<0.002	0.38	1.74	13.4	2	1.6	353	0.66	0.07	12.0	0.280	1.27	3.6
M355630		14.6	94.2	<0.002	0.05	1.76	10.9	1	1.1	360	0.67	<0.05	11.5	0.259	1.05	3.5
M355631		39.2	86.1	<0.002	0.12	2.57	10.9	1	1.2	350	0.73	<0.05	11.4	0.262	1.19	4.1



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Project: Klaza - 106

**CERTIFICATE OF ANALYSIS WH12193442**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355605		71	4.7	10.1	1860	22.4	7
M355606		3	0.1	0.9	17	<0.5	<1
M355607		72	2.8	14.8	907	24.1	2
M355608		72	1.3	16.8	54	24.3	<1
M355609		70	2.0	13.6	100	20.7	1
M355610		57	5.6	11.6	5530	27.0	26
M355611		69	1.7	14.8	52	22.3	1
M355612		73	3.2	13.7	262	23.1	1
M355613		69	3.3	13.5	77	22.2	1
M355614		72	3.2	11.3	66	20.2	1
M355615		4	0.2	0.9	16	0.5	<1
M355616		76	2.8	11.8	68	21.4	1
M355617		76	2.6	15.8	59	26.0	<1
M355618		72	4.7	14.4	59	24.9	<1
M355619		74	4.4	13.2	90	24.6	1
M355620		75	4.6	13.1	88	26.3	<1
M355621		76	5.0	11.5	66	24.9	<1
M355622		80	4.0	11.8	124	24.4	1
M355623		75	6.7	17.4	54	26.3	1
M355624		76	5.1	17.0	55	27.3	1
M355625		78	2.2	17.3	112	25.8	<1
M355626		79	2.3	18.6	48	27.6	1
M355627		58	5.4	12.4	3010	39.0	9
M355628		77	3.8	17.1	51	26.6	<1
M355629		86	6.4	17.5	70	28.3	<1
M355630		72	4.8	15.9	41	26.4	<1
M355631		78	2.8	16.0	80	25.1	<1



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Project: Klaza - 106

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**CERTIFICATE OF ANALYSIS WH12193442**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12193443**

Project: Klaza - 107

P.O. No.: Batch 1

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

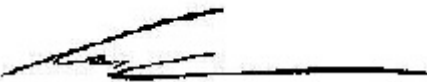
ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12193443**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814560		3.11	<0.005	0.29	6.96	16.5	1890	1.41	0.53	2.87	0.13	42.1	9.9	9	8.23	93.1
N814561		2.39	<0.005	0.19	6.56	8.6	1970	1.44	0.34	3.08	0.29	36.7	6.6	7	10.90	55.9
N814562		3.94	<0.005	0.14	7.34	6.8	2280	1.49	0.72	2.53	0.10	43.8	6.4	10	11.30	58.2
N814563		0.26	0.785	9.57	6.77	1650	450	1.37	6.21	1.92	40.3	42.7	16.2	21	15.15	106.0
N814564		2.60	<0.005	0.12	7.97	6.9	2320	1.47	0.28	2.82	0.72	42.4	6.3	11	10.10	16.4
N814565		2.71	<0.005	0.27	7.20	11.0	1960	1.48	0.35	3.20	0.59	39.8	5.5	7	8.53	17.4
N814566		3.01	<0.005	0.10	7.34	7.7	1930	1.39	0.25	2.42	0.34	41.7	5.1	9	8.69	23.6
N814567		6.95	<0.005	0.11	7.95	9.2	2100	1.40	0.23	2.43	0.29	42.6	5.6	10	8.60	16.7
N814568		6.99	<0.005	0.07	7.28	8.0	1300	1.77	0.45	1.97	0.10	40.8	7.1	8	10.55	4.5
N814569		5.49	<0.005	0.08	8.22	18.1	1080	1.56	1.08	2.16	0.12	45.9	8.1	10	14.10	4.3
N814570		2.22	0.185	29.3	6.67	633	3980	1.40	0.30	1.97	3.70	38.4	4.8	7	12.35	48.3
N814571		3.40	<0.005	0.05	0.07	<5	60	<0.05	0.03	21.4	0.08	1.14	0.6	<1	0.14	1.6
N814572		4.74	<0.005	0.19	7.36	8.8	2290	1.48	0.31	2.62	0.10	43.4	6.5	9	9.29	15.4
N814573		5.98	<0.005	0.08	7.15	7.1	1860	1.48	0.64	3.10	0.07	38.4	6.8	11	8.56	7.2
N814574		3.23	<0.005	0.12	7.37	9.5	2110	1.49	0.22	2.59	0.10	42.6	6.2	8	7.75	28.8
N814575		8.54	<0.005	0.06	7.25	7.8	2010	1.45	0.41	2.60	0.11	43.0	5.6	10	9.02	13.6
N814576		7.81	<0.005	0.15	7.48	25.1	2000	1.41	0.26	1.85	0.10	44.3	6.3	8	10.85	30.0
N814577		5.92	<0.005	0.12	6.25	11.7	1720	1.37	1.04	2.50	0.34	33.7	4.2	6	13.50	19.7
N814578		4.66	0.035	2.33	6.54	315	1810	1.47	0.20	2.64	0.86	39.5	5.4	7	13.60	42.0
N814579		3.84	<0.005	0.01	0.09	<5	30	0.05	0.03	20.3	0.07	1.40	0.7	<1	0.32	1.8
N814580		2.54	<0.005	0.18	6.54	47.6	2120	1.54	0.36	2.69	0.17	41.0	4.2	7	9.55	16.5
N814581		5.46	<0.005	0.14	6.83	10.2	2640	1.41	0.46	2.21	0.10	41.3	5.2	6	8.89	22.4
N814582		3.17	<0.005	0.11	7.17	6.0	2180	1.43	0.45	2.49	0.10	42.3	6.1	8	10.90	54.7
N814583		1.30	<0.005	0.10	7.31	6.0	2300	1.48	0.44	2.52	0.12	41.4	6.5	9	10.75	53.2
N814584		2.66	<0.005	0.13	6.93	6.5	2080	1.46	0.41	2.52	0.42	39.5	6.4	8	8.03	40.0
N814585		0.26	0.790	10.65	6.49	1645	490	1.38	6.17	1.82	39.1	40.4	15.7	19	14.50	103.0
N814586		5.34	<0.005	0.17	7.05	8.0	2240	1.80	0.64	2.58	0.11	39.5	7.4	9	9.74	70.8
N814587		2.65	<0.005	0.20	7.18	9.7	2170	1.58	0.72	2.72	0.13	43.5	9.0	9	12.75	89.6
N814588		3.53	0.017	1.05	7.10	84.5	2240	1.73	0.91	2.30	2.36	47.1	7.1	9	14.95	47.4
N814589		2.60	0.101	0.70	7.51	9.1	2000	1.28	2.76	1.53	0.20	52.1	7.4	8	12.65	98.0
N814590		6.37	0.006	0.26	8.03	41.1	2150	1.34	0.35	1.55	0.19	54.1	5.9	8	15.70	27.6
N814591		<0.02	0.008	0.23	7.94	37.3	2090	1.33	0.41	1.51	0.16	52.9	5.7	7	15.05	24.3
N814592		3.85	<0.005	0.12	7.12	8.2	2490	1.63	0.21	2.21	0.14	44.3	4.5	7	11.55	24.0
N814593		3.24	<0.005	0.08	7.35	5.6	2250	1.75	0.22	2.41	0.08	43.3	4.9	9	11.40	17.6
N814594		7.61	<0.005	0.10	7.05	7.0	2330	1.80	0.24	2.48	0.19	45.6	6.0	9	11.55	21.0



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 Account: ROCKHA

Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12193443**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814560		2.61	15.30	0.15	1.3	0.041	2.74	20.6	11.1	0.66	582	1.44	2.07	7.4	1.5	570
N814561		2.86	15.30	0.14	1.4	0.033	2.57	17.5	12.7	0.81	780	1.71	1.91	7.7	1.4	560
N814562		2.83	16.20	0.13	1.5	0.030	2.89	21.6	12.8	0.66	540	1.55	2.32	7.7	1.7	580
N814563		5.35	14.65	0.15	1.3	0.877	3.03	21.7	23.2	0.72	2060	11.85	0.28	6.9	14.2	510
N814564		3.38	16.25	0.14	1.2	0.050	2.93	20.5	12.5	0.61	1060	0.85	2.13	7.7	1.8	660
N814565		2.90	15.80	0.12	1.1	0.049	2.70	18.8	11.7	0.74	782	0.88	2.03	7.5	1.5	620
N814566		3.09	15.65	0.16	1.2	0.044	2.62	20.5	11.7	0.78	566	0.57	2.23	7.6	1.8	610
N814567		3.22	15.50	0.15	1.2	0.042	2.61	20.5	10.6	0.83	545	0.56	2.45	7.4	1.8	650
N814568		2.92	16.30	0.14	1.3	0.054	2.45	20.7	13.1	0.41	578	0.62	1.93	7.9	1.8	560
N814569		3.37	18.30	0.16	1.6	0.116	2.14	23.2	9.8	0.37	1020	1.45	3.13	9.0	2.0	660
N814570		2.92	15.25	0.14	1.3	0.082	3.04	19.4	18.4	0.52	4430	2.66	0.55	7.1	1.7	510
N814571		0.49	0.21	0.13	<0.1	0.005	0.02	0.6	1.0	12.85	200	0.20	0.01	0.1	<0.2	180
N814572		2.91	16.65	0.16	1.3	0.040	2.72	21.0	12.7	0.75	573	2.00	2.42	7.8	2.0	580
N814573		3.04	15.70	0.17	1.4	0.053	2.44	18.4	13.2	0.98	660	1.50	2.67	8.1	1.8	620
N814574		3.27	15.80	0.15	1.4	0.042	2.62	19.8	16.1	0.79	559	1.08	2.33	8.1	2.3	610
N814575		2.90	15.80	0.14	1.1	0.050	2.47	21.4	16.2	0.82	571	0.60	2.48	7.5	1.9	600
N814576		3.06	16.15	0.15	1.3	0.054	2.89	22.0	20.0	0.62	769	0.59	1.00	7.8	2.2	610
N814577		2.64	14.55	0.16	1.1	0.079	1.98	16.1	31.9	0.47	607	0.42	1.17	6.7	1.5	510
N814578		2.84	14.75	0.13	1.3	0.063	2.76	18.9	13.1	0.74	1670	1.06	1.38	7.3	1.7	540
N814579		0.46	0.28	0.13	<0.1	0.006	0.05	0.7	1.3	12.20	211	0.39	0.01	0.2	<0.2	190
N814580		2.67	15.25	0.17	1.4	0.049	3.09	18.9	10.0	0.65	1440	1.22	1.53	7.7	1.9	590
N814581		2.73	15.25	0.16	1.5	0.042	2.78	19.6	13.9	0.57	587	0.95	1.51	7.4	1.7	550
N814582		2.82	15.35	0.17	1.3	0.042	2.85	20.3	13.8	0.70	560	3.30	2.30	7.0	1.8	550
N814583		2.95	15.30	0.14	1.2	0.047	2.97	19.8	14.2	0.76	594	3.31	2.29	7.5	1.9	600
N814584		2.80	15.60	0.14	1.3	0.041	2.76	19.3	11.3	0.73	589	2.23	2.21	7.3	1.8	560
N814585		5.09	14.50	0.14	1.2	0.835	2.90	20.7	23.0	0.68	1960	11.55	0.26	6.8	14.5	480
N814586		2.77	16.95	0.08	1.4	0.040	2.88	19.6	14.4	0.70	533	2.89	2.29	7.7	2.6	600
N814587		2.90	16.85	0.08	1.4	0.043	2.84	21.7	13.5	0.71	569	2.80	2.27	7.9	3.1	610
N814588		2.92	16.55	0.09	1.4	0.062	3.08	22.3	16.1	0.58	1920	4.48	1.55	7.5	2.7	590
N814589		2.75	17.10	0.09	1.4	0.070	3.22	26.7	22.1	0.41	721	2.81	0.42	7.4	2.4	590
N814590		2.91	18.45	0.12	1.5	0.043	3.61	29.3	24.8	0.57	1320	2.44	0.44	8.1	2.4	650
N814591		2.84	18.00	0.10	1.6	0.047	3.45	28.0	23.9	0.55	1250	2.30	0.42	7.9	2.3	620
N814592		2.72	16.70	0.09	1.5	0.049	3.40	23.0	14.1	0.56	697	2.08	1.28	7.5	2.5	550
N814593		2.82	16.75	0.09	1.6	0.044	3.12	21.8	19.7	0.61	518	1.31	1.94	8.2	2.6	590
N814594		2.75	17.40	0.11	1.6	0.041	2.97	21.1	14.7	0.67	684	0.93	2.29	8.2	2.6	570



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Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12193443**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814560		17.4	109.0	<0.002	0.13	3.36	9.0	<1	2.4	311	0.65	0.10	10.9	0.248	1.40	2.4
N814561		21.6	89.1	<0.002	0.04	3.47	8.6	1	2.3	321	0.67	0.07	10.0	0.237	1.32	3.0
N814562		17.2	106.5	<0.002	0.02	1.81	9.2	<1	2.2	379	0.68	0.08	12.7	0.248	1.22	3.1
N814563		1390	158.0	<0.002	3.24	32.7	7.9	<1	5.6	150.5	0.58	0.32	11.2	0.215	2.50	5.0
N814564		40.0	108.0	<0.002	0.02	4.34	9.4	<1	2.9	350	0.65	<0.05	10.9	0.293	1.35	4.0
N814565		256	103.5	<0.002	0.04	3.99	9.3	<1	2.6	323	0.61	0.11	10.3	0.252	1.54	2.7
N814566		20.5	93.3	<0.002	0.01	3.88	9.5	<1	2.8	329	0.63	0.07	11.2	0.265	1.27	2.5
N814567		19.5	88.3	<0.002	0.01	3.52	9.5	1	2.6	368	0.61	<0.05	11.4	0.260	1.21	2.3
N814568		13.8	115.0	<0.002	0.01	10.60	9.8	<1	2.7	207	0.69	0.06	11.4	0.254	1.34	2.7
N814569		11.6	100.5	<0.002	0.04	17.05	10.8	<1	5.5	180.5	0.81	0.05	12.9	0.284	1.35	3.8
N814570		239	138.0	<0.002	0.72	78.7	8.5	1	2.9	149.5	0.67	<0.05	11.2	0.222	2.14	3.0
N814571		1.6	1.2	<0.002	<0.01	0.29	0.2	<1	<0.2	47.8	<0.05	0.06	<0.2	<0.005	0.02	0.7
N814572		16.3	95.0	<0.002	0.01	3.31	9.4	<1	2.3	386	0.67	0.11	11.4	0.254	1.14	2.9
N814573		13.8	79.1	<0.002	0.01	4.10	9.5	<1	2.8	340	0.68	0.08	10.5	0.268	1.13	2.7
N814574		16.5	89.4	<0.002	0.01	4.32	9.9	1	2.4	345	0.75	0.12	11.2	0.272	1.08	2.5
N814575		17.8	84.0	<0.002	0.01	4.16	9.7	1	3.0	371	0.65	<0.05	11.2	0.262	1.08	2.9
N814576		23.9	108.0	<0.002	0.05	13.70	9.4	1	2.5	173.5	0.71	0.06	11.5	0.273	1.38	2.8
N814577		38.0	65.5	<0.002	0.03	26.0	8.0	<1	3.3	195.5	0.57	<0.05	9.3	0.226	1.14	2.8
N814578		1110	108.0	<0.002	0.33	56.1	8.4	<1	2.0	245	0.67	<0.05	11.2	0.226	1.63	3.8
N814579		3.1	2.3	<0.002	<0.01	0.33	0.4	<1	<0.2	36.7	<0.05	0.11	0.2	<0.005	0.02	0.4
N814580		24.9	115.0	<0.002	0.11	22.0	9.1	1	2.2	252	0.68	<0.05	10.7	0.252	1.63	2.9
N814581		18.0	97.7	<0.002	0.03	12.10	8.7	1	2.1	233	0.68	<0.05	11.7	0.240	1.26	2.5
N814582		17.1	101.5	<0.002	0.01	1.88	8.3	<1	1.9	365	0.63	0.06	11.3	0.242	1.17	3.0
N814583		17.8	106.5	<0.002	0.01	1.93	8.8	1	2.0	364	0.62	0.09	11.8	0.262	1.31	2.8
N814584		18.1	104.5	<0.002	0.02	1.73	9.0	<1	2.2	345	0.64	0.06	11.4	0.248	1.30	2.5
N814585		1345	155.0	<0.002	3.11	31.8	7.9	1	5.4	145.0	0.57	1.10	10.8	0.205	2.46	4.8
N814586		18.4	105.0	<0.002	0.02	2.38	9.9	1	2.5	360	0.71	<0.05	12.5	0.264	1.41	2.9
N814587		16.6	105.5	<0.002	0.04	3.03	10.0	1	2.3	365	0.71	<0.05	12.0	0.267	1.40	2.7
N814588		74.2	125.5	<0.002	0.10	15.95	10.1	1	2.6	268	0.68	0.06	12.9	0.263	1.86	3.1
N814589		17.8	142.0	0.002	0.08	18.30	10.4	1	3.9	102.0	0.70	<0.05	15.3	0.256	1.80	5.3
N814590		32.7	155.0	<0.002	0.09	16.60	11.1	1	2.3	100.5	0.76	<0.05	16.5	0.282	2.01	5.7
N814591		35.2	151.5	<0.002	0.09	15.75	10.5	<1	2.3	96.4	0.77	<0.05	16.1	0.269	2.11	5.8
N814592		15.6	148.5	<0.002	0.04	7.00	10.0	1	2.6	210	0.72	<0.05	12.6	0.247	1.97	3.6
N814593		17.2	118.0	<0.002	0.01	3.36	9.7	1	2.4	299	0.77	<0.05	12.4	0.262	1.41	2.4
N814594		18.5	103.5	<0.002	0.02	2.44	9.8	1	2.3	369	0.76	<0.05	12.5	0.256	1.36	2.6





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 Account: ROCKHA

Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12193443**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814560		68	2.6	15.8	45	35.1	<1
N814561		65	2.6	15.6	57	37.1	<1
N814562		67	2.3	16.0	44	39.9	<1
N814563		61	5.0	11.6	3090	37.3	10
N814564		80	1.9	16.8	100	31.9	<1
N814565		70	2.1	15.2	98	31.8	1
N814566		72	1.9	15.4	70	31.1	<1
N814567		71	2.0	15.3	63	31.2	<1
N814568		72	2.4	16.3	43	37.2	<1
N814569		77	3.0	17.2	54	42.4	<1
N814570		62	2.2	14.0	585	32.6	30
N814571		2	0.1	0.9	14	<0.5	<1
N814572		69	0.9	16.2	44	34.8	<1
N814573		70	1.3	15.5	48	37.5	<1
N814574		77	1.4	17.1	43	37.4	<1
N814575		71	1.3	16.6	44	30.7	<1
N814576		73	2.6	15.6	49	33.2	<1
N814577		63	2.9	14.5	63	30.3	<1
N814578		62	1.4	14.6	89	35.6	2
N814579		2	0.1	0.9	13	<0.5	<1
N814580		69	2.3	14.9	58	36.1	<1
N814581		65	1.9	15.5	44	39.2	<1
N814582		64	1.8	15.0	44	35.2	<1
N814583		69	2.2	15.9	46	36.4	<1
N814584		67	2.4	15.7	69	33.4	<1
N814585		57	4.9	11.1	2940	36.8	10
N814586		70	2.5	16.0	46	37.3	<1
N814587		71	1.6	16.0	46	38.1	<1
N814588		71	3.5	15.2	255	37.0	1
N814589		69	4.5	17.1	52	36.2	<1
N814590		75	5.8	17.7	60	40.5	<1
N814591		71	5.9	17.0	55	39.0	<1
N814592		67	4.3	15.4	46	38.6	<1
N814593		70	2.2	16.0	42	41.8	<1
N814594		68	2.1	16.0	49	43.9	<1



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**CERTIFICATE OF ANALYSIS WH12193443**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12193444**

Project: Klaza - 107

P.O. No.: Batch 2

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12193444**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814595		3.14	0.012	0.29	7.06	60.0	1990	1.57	0.42	1.92	0.28	41.2	6.2	7	19.40	24.3
N814596		3.60	<0.005	0.15	7.55	16.9	2580	1.37	0.62	1.32	0.12	47.6	8.5	9	24.4	12.4
N814597		2.54	0.076	2.26	5.76	159.0	1440	1.49	0.19	2.36	1.26	38.4	6.3	6	17.30	14.9
N814598		3.56	<0.005	0.27	6.81	29.7	1920	1.68	0.74	2.67	0.15	39.6	8.4	8	16.60	34.0
N814599		2.77	<0.005	0.15	6.16	12.3	1970	1.53	0.44	3.03	0.11	35.0	9.0	9	8.66	32.8
N814600		5.89	<0.005	0.31	6.81	8.6	2280	1.63	0.47	2.74	0.61	37.2	8.3	11	15.50	35.3
N814601		2.95	<0.005	0.10	6.21	9.4	2140	1.63	0.31	2.94	0.14	32.8	8.6	8	16.25	36.4
N814602		6.93	<0.005	0.18	6.81	9.1	2250	1.55	0.42	2.59	0.13	39.6	8.4	11	10.85	78.2
N814603		6.38	<0.005	0.09	6.97	3.5	2140	1.70	0.29	2.60	0.08	44.5	7.6	10	9.52	22.1
N814604		2.74	<0.005	0.14	6.84	35.1	1950	1.65	0.17	2.31	0.47	41.4	7.4	9	14.50	20.4
N814605		6.29	<0.005	0.53	7.36	14.2	2110	1.46	0.51	2.00	0.15	43.5	8.9	12	13.25	296
N814606		<0.02	<0.005	0.51	7.27	14.2	2140	1.65	0.57	2.00	0.13	43.9	8.9	9	13.55	268
N814607		2.35	0.009	0.98	6.19	92.4	2980	1.68	0.38	2.43	1.07	42.7	9.1	9	17.90	165.5
N814608		3.20	<0.005	0.33	6.86	74.2	2520	1.59	0.36	2.49	0.32	41.9	9.9	8	16.75	91.8
N814609		3.84	<0.005	0.17	7.29	22.7	2460	1.47	0.43	1.75	0.11	43.4	6.1	8	22.6	98.2
N814610		0.29	2.25	25.7	5.89	3330	1410	1.42	19.70	2.29	77.6	40.9	12.0	19	14.70	457
N814611		8.09	<0.005	0.25	7.42	14.0	2380	1.58	0.46	1.87	0.25	44.1	8.1	8	16.05	73.3
N814612		4.83	<0.005	0.12	7.18	15.8	2640	1.57	0.43	2.52	0.15	36.5	9.8	9	20.3	38.1
N814613		5.90	<0.005	0.15	7.02	11.9	2720	1.67	0.37	2.94	0.13	37.6	9.6	11	22.1	42.2
N814614		2.30	<0.005	0.10	6.83	43.0	1140	1.66	0.08	4.36	0.21	57.9	12.1	40	28.1	15.0
N814615		1.06	<0.005	0.17	7.32	54.2	1110	1.83	0.09	4.30	0.28	64.6	13.7	43	30.3	24.2
N814616		4.32	<0.005	0.22	6.82	12.2	2050	1.97	0.40	2.79	0.27	38.2	8.4	8	27.6	37.6
N814617		7.84	<0.005	0.24	7.22	7.9	2360	1.81	0.43	2.48	0.29	41.3	7.7	10	11.60	81.8
N814618		2.71	0.011	0.56	6.76	70.9	1960	1.72	1.69	2.80	0.11	38.8	8.3	9	15.20	273
N814619		4.22	<0.005	0.30	7.11	11.2	2440	1.86	1.00	2.71	0.11	41.8	6.7	10	14.75	107.5
N814620		7.44	<0.005	0.19	7.23	11.8	2390	1.67	0.39	2.53	0.17	45.1	8.1	10	9.51	45.7
N814621		0.30	4.68	>100	5.41	8230	220	1.25	58.6	2.07	233	30.5	10.0	19	11.40	1360
N814622		4.27	<0.005	0.07	7.34	5.4	2220	1.53	0.93	2.46	0.16	50.9	6.7	9	12.20	34.2
N814623		3.28	<0.005	0.14	7.69	16.9	2250	1.51	0.43	3.43	0.13	50.3	6.5	7	11.50	26.5
N814624		3.31	<0.005	0.12	7.59	5.8	2300	1.47	0.36	2.46	0.12	46.2	6.3	7	11.65	40.3
N814625		2.40	0.373	11.70	6.68	573	1680	1.29	0.27	3.37	1.80	49.2	6.0	4	19.50	50.2
N814626		2.92	<0.005	0.04	0.07	<5	40	0.07	0.02	21.4	0.07	1.19	1.2	<1	0.22	2.0
N814627		4.98	<0.005	0.18	6.68	9.7	2330	1.40	0.34	2.73	0.13	37.8	6.5	10	14.10	24.2
N814628		4.16	0.026	0.95	5.90	19.0	2680	1.53	1.09	1.88	0.25	35.7	5.8	9	9.55	578
N814629		2.54	4.64	>100	5.91	7950	450	1.34	0.49	2.05	71.5	38.9	7.2	8	11.50	209
N814630		3.03	<0.005	0.12	0.07	<5	30	0.06	0.03	21.5	0.09	1.22	1.1	<1	0.14	2.8
N814631		2.82	0.026	1.31	6.76	70.5	1490	1.44	0.27	2.77	4.00	42.2	6.2	10	11.90	20.5



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**CERTIFICATE OF ANALYSIS WH12193444**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814595		3.19	17.60	0.19	1.3	0.078	3.42	21.1	29.5	0.57	1590	1.60	0.66	7.9	2.6	600
N814596		3.00	18.70	0.17	1.2	0.051	3.04	25.7	47.2	0.74	937	1.07	0.29	8.5	2.8	660
N814597		2.00	12.40	0.12	1.0	0.027	1.82	21.1	107.0	0.79	2520	4.19	0.03	6.2	2.0	440
N814598		2.82	17.25	0.17	1.5	0.037	3.13	18.4	28.3	0.63	1380	1.51	1.38	8.7	2.6	570
N814599		2.52	16.45	0.18	1.3	0.049	2.92	16.7	15.3	0.59	651	2.49	1.53	8.2	2.1	530
N814600		2.96	17.45	0.19	1.4	0.040	2.83	17.2	15.3	0.72	739	1.13	2.21	8.7	2.6	600
N814601		3.00	16.75	0.18	1.4	0.042	2.62	15.1	25.4	0.75	715	1.15	1.68	8.5	2.4	570
N814602		2.96	17.00	0.19	1.5	0.046	2.73	18.5	17.1	0.78	616	1.30	2.30	8.4	2.6	600
N814603		2.90	17.25	0.19	1.6	0.042	2.72	21.5	14.2	0.79	626	2.07	2.36	8.9	2.5	580
N814604		2.73	17.25	0.20	1.4	0.049	2.96	19.9	28.1	0.67	1010	1.12	1.46	8.6	2.6	570
N814605		2.98	17.40	0.18	1.3	0.131	3.00	21.7	41.3	0.72	642	2.30	1.47	8.5	2.8	600
N814606		2.93	17.70	0.19	1.3	0.128	3.00	21.6	40.0	0.72	640	2.10	1.48	8.7	2.5	610
N814607		2.56	14.65	0.18	1.1	0.073	2.29	23.6	102.0	0.83	2100	1.24	0.04	6.8	2.9	460
N814608		2.73	16.55	0.16	1.3	0.053	2.45	21.2	116.0	0.83	1640	1.08	0.05	8.2	2.8	560
N814609		2.68	17.45	0.17	1.3	0.048	3.18	22.2	65.6	0.63	806	1.11	0.22	8.2	2.1	560
N814610		6.67	15.25	0.20	0.9	1.750	2.67	22.5	25.5	0.94	1940	13.60	0.04	6.4	17.2	450
N814611		2.76	18.00	0.19	1.6	0.050	3.03	22.4	29.3	0.59	563	1.44	1.04	8.9	2.5	580
N814612		2.94	17.50	0.18	1.6	0.047	3.17	17.3	28.4	0.69	785	0.92	1.38	8.7	2.4	600
N814613		3.09	18.10	0.18	1.2	0.040	2.74	17.4	23.8	0.80	650	1.11	2.31	8.5	3.1	630
N814614		3.23	18.40	0.19	3.9	0.038	1.78	29.5	147.0	1.48	721	1.02	0.15	10.9	17.9	1650
N814615		3.47	19.55	0.20	4.1	0.040	1.88	33.5	155.0	1.59	770	1.17	0.15	11.3	19.6	1730
N814616		3.07	17.90	0.19	1.3	0.057	2.88	18.0	31.0	0.60	701	1.56	1.31	9.1	2.8	600
N814617		3.21	18.00	0.20	1.3	0.059	2.93	19.6	17.9	0.81	693	1.20	2.04	8.7	2.9	630
N814618		3.29	17.70	0.18	1.1	0.184	3.25	18.8	24.0	0.86	1300	1.41	0.52	8.0	2.5	570
N814619		2.97	18.40	0.19	1.3	0.069	3.00	20.2	17.1	0.71	709	1.18	2.17	8.9	2.8	610
N814620		3.00	17.65	0.20	1.3	0.049	2.93	22.0	18.1	0.88	661	1.18	2.45	8.8	2.6	620
N814621		8.33	13.50	0.20	1.1	4.71	2.39	15.6	33.8	0.66	3210	14.65	0.09	5.6	14.6	470
N814622		2.84	17.35	0.15	1.3	0.048	2.63	26.8	17.9	0.77	579	2.58	2.28	8.2	3.0	590
N814623		2.94	16.40	0.15	1.3	0.063	3.13	26.1	14.2	0.67	1140	1.64	1.86	7.8	2.6	620
N814624		2.95	17.10	0.14	1.3	0.051	2.91	23.5	16.5	0.62	692	3.02	1.81	8.0	3.4	610
N814625		3.05	15.40	0.15	1.0	0.044	2.86	27.7	55.3	0.81	5950	1.93	0.20	6.8	2.6	530
N814626		0.49	0.27	0.09	<0.1	0.005	0.03	0.6	1.0	12.85	220	0.17	0.01	0.2	<0.2	170
N814627		2.89	16.40	0.12	1.2	0.063	2.82	18.0	17.7	0.72	684	1.69	2.11	8.0	2.3	580
N814628		3.32	17.55	0.23	1.3	0.108	3.32	16.4	18.0	0.62	940	3.06	0.84	8.9	2.7	590
N814629		4.17	15.90	0.16	1.0	0.122	2.65	21.1	32.4	0.61	19200	2.82	0.25	6.2	2.0	470
N814630		0.48	0.28	0.08	<0.1	0.005	0.03	0.6	0.9	12.90	224	0.13	0.01	0.3	<0.2	190
N814631		3.08	16.60	0.14	1.2	0.124	2.96	20.3	51.9	0.82	2790	3.56	0.06	8.1	2.5	620



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**CERTIFICATE OF ANALYSIS WH12193444**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814595		22.3	159.0	<0.002	0.35	10.60	11.6	2	2.5	138.0	0.68	<0.05	12.0	0.263	2.10	4.3
N814596		15.9	141.0	<0.002	0.09	13.40	12.4	2	2.8	106.5	0.70	0.05	13.6	0.295	1.96	3.3
N814597		44.5	87.2	<0.002	0.59	35.5	8.3	1	1.8	127.5	0.54	<0.05	10.7	0.198	1.67	6.9
N814598		18.6	116.5	<0.002	0.29	13.05	10.7	1	2.1	260	0.80	<0.05	10.9	0.260	1.76	3.8
N814599		14.8	109.5	<0.002	0.09	4.71	9.3	1	2.0	238	0.71	<0.05	9.6	0.242	1.53	2.7
N814600		90.8	100.0	<0.002	0.10	2.17	10.6	2	2.3	365	0.73	<0.05	10.3	0.269	1.27	3.0
N814601		17.0	84.9	<0.002	0.12	3.64	10.7	1	2.4	259	0.74	<0.05	9.6	0.263	1.37	3.5
N814602		19.1	96.5	<0.002	0.14	1.26	10.6	2	2.0	375	0.71	<0.05	10.8	0.262	1.21	3.7
N814603		16.4	99.8	<0.002	0.01	1.17	10.9	1	2.0	358	0.82	<0.05	12.1	0.263	1.14	3.7
N814604		25.8	118.5	<0.002	0.10	9.58	10.8	1	1.9	256	0.78	<0.05	11.4	0.250	1.49	3.2
N814605		16.9	116.5	<0.002	0.25	12.00	10.8	2	2.3	264	0.73	<0.05	12.4	0.273	1.42	4.1
N814606		17.4	114.0	<0.002	0.24	11.05	11.3	2	2.4	264	0.77	<0.05	12.2	0.275	1.42	4.0
N814607		36.5	118.5	<0.002	0.63	106.0	9.7	2	1.8	141.5	0.58	<0.05	12.0	0.211	1.87	6.2
N814608		20.8	95.8	<0.002	0.34	49.5	10.8	2	1.9	168.5	0.70	<0.05	12.2	0.251	2.02	6.9
N814609		14.6	127.0	<0.002	0.11	24.8	11.1	2	1.9	115.0	0.71	<0.05	12.9	0.254	1.81	2.7
N814610		2840	166.5	<0.002	4.95	89.0	9.1	2	7.7	94.5	0.52	0.43	10.9	0.184	2.40	5.1
N814611		22.6	116.5	<0.002	0.07	12.25	11.2	2	2.0	189.5	0.78	<0.05	13.3	0.263	1.34	3.3
N814612		16.9	109.5	<0.002	0.14	10.00	10.7	2	1.8	266	0.77	0.06	10.6	0.270	1.60	3.9
N814613		16.8	94.0	<0.002	0.12	2.09	11.7	2	1.9	429	0.66	<0.05	8.8	0.288	1.24	2.7
N814614		16.6	45.2	<0.002	0.03	14.35	8.7	2	1.1	925	0.67	<0.05	6.6	0.433	1.10	2.9
N814615		16.2	56.2	<0.002	0.04	17.95	9.3	2	1.3	981	0.69	<0.05	7.1	0.448	1.14	3.2
N814616		27.6	108.0	<0.002	0.07	10.20	11.3	2	2.1	251	0.75	0.07	11.8	0.273	1.52	4.0
N814617		27.8	101.0	<0.002	0.03	4.15	11.1	2	2.0	357	0.76	0.05	11.3	0.275	1.33	2.9
N814618		15.8	120.5	<0.002	0.19	33.3	10.3	2	13.0	161.5	0.67	0.15	11.2	0.254	2.19	5.8
N814619		18.5	109.5	<0.002	0.03	7.35	11.6	2	3.2	336	0.74	0.18	12.1	0.273	1.49	4.0
N814620		19.1	105.0	<0.002	0.01	2.43	11.2	2	2.0	405	0.77	<0.05	12.6	0.274	1.22	3.5
N814621		9980	128.0	0.002	7.46	231	7.9	3	8.1	121.0	0.47	0.46	8.5	0.194	2.14	4.9
N814622		20.6	118.0	<0.002	0.01	1.76	11.5	1	2.2	385	0.68	<0.05	13.6	0.244	1.10	4.4
N814623		19.2	134.0	<0.002	0.11	4.51	10.6	1	2.5	314	0.70	<0.05	14.5	0.261	1.43	6.4
N814624		21.8	114.5	<0.002	0.02	7.45	10.6	1	2.7	319	0.69	<0.05	13.2	0.259	1.18	3.8
N814625		140.0	141.0	<0.002	0.98	81.3	9.8	1	3.9	133.5	0.58	<0.05	14.3	0.224	1.85	5.2
N814626		1.5	1.4	<0.002	<0.01	0.20	0.2	1	<0.2	50.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N814627		19.0	89.2	<0.002	0.02	4.94	9.1	1	2.7	352	0.69	<0.05	10.4	0.261	1.27	2.9
N814628		18.3	110.0	<0.002	0.10	61.4	10.4	1	3.0	156.5	0.76	<0.05	10.3	0.259	1.93	3.8
N814629		2880	130.5	<0.002	2.45	1875	8.5	1	14.7	122.0	0.53	<0.05	11.0	0.205	2.14	3.2
N814630		3.0	1.3	<0.002	<0.01	1.40	0.2	1	<0.2	49.3	<0.05	<0.05	0.2	<0.005	<0.02	0.9
N814631		117.5	101.5	<0.002	0.40	34.2	10.4	1	2.8	139.0	0.66	<0.05	12.0	0.270	2.14	6.0



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**CERTIFICATE OF ANALYSIS WH12193444**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N814595		71	3.3	16.3	62	36.3	<1	
N814596		77	3.2	18.0	53	32.5	<1	
N814597		51	4.7	11.5	112	31.2	2	
N814598		70	2.6	14.6	47	42.2	<1	
N814599		65	3.2	12.7	40	38.9	<1	
N814600		70	2.4	14.3	107	40.7	<1	
N814601		74	3.7	14.1	49	43.0	<1	
N814602		70	8.3	14.7	49	43.3	<1	
N814603		71	17.6	16.1	48	45.4	<1	
N814604		67	1.9	14.6	67	41.3	<1	
N814605		72	8.5	14.7	53	37.7	<1	
N814606		71	9.3	15.0	50	38.9	<1	
N814607		59	6.8	14.0	89	32.1	<1	
N814608		67	6.4	14.5	61	41.2	<1	
N814609		66	6.7	15.0	45	40.3	<1	
N814610		58	5.4	10.2	5570	29.2	26	
N814611		68	7.5	15.4	56	53.1	<1	
N814612		71	3.0	13.6	56	46.6	<1	
N814613		78	4.7	14.4	53	35.1	<1	
N814614		89	0.9	11.7	93	172.5	<1	
N814615		96	0.8	12.7	106	180.5	<1	
N814616		72	3.8	15.0	67	37.1	<1	
N814617		74	2.5	14.3	73	35.6	<1	
N814618		70	6.0	13.2	74	31.2	<1	
N814619		73	2.9	14.8	56	36.4	<1	
N814620		73	2.4	16.2	52	37.3	<1	
N814621		56	4.6	8.6	>10000	34.0	125	1.655
N814622		67	1.6	18.3	48	34.0	<1	
N814623		70	1.7	17.8	58	33.0	<1	
N814624		70	1.5	16.4	55	33.4	<1	
N814625		62	2.8	18.5	388	28.9	12	
N814626		2	0.1	0.8	17	<0.5	<1	
N814627		70	3.3	13.2	52	34.7	<1	
N814628		73	3.4	12.9	69	37.4	<1	
N814629		55	3.8	9.6	5730	26.8	191	
N814630		3	0.1	0.8	18	<0.5	<1	
N814631		74	4.7	14.3	303	33.8	1	



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**CERTIFICATE OF ANALYSIS WH12193444**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12193445**

Project: Klaza - 107

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12193445**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814632		3.23	0.372	14.15	7.17	2140	480	1.73	0.23	2.37	60.4	42.9	5.1	11	15.25	68.2
N814633		4.75	<0.005	0.39	6.99	8.3	2560	1.69	0.78	2.73	0.29	41.4	6.3	13	20.1	17.0
N814634		0.26	2.17	28.7	6.16	2870	1500	1.52	20.5	2.28	83.0	45.5	10.8	19	15.80	462
N814635		7.65	<0.005	0.48	7.24	9.8	2410	1.57	0.54	2.79	0.26	41.6	6.7	16	17.20	9.3
N814636		5.19	0.053	0.54	6.95	102.5	1660	1.67	0.23	3.19	0.49	39.8	7.0	14	16.95	32.5
N814637		2.59	1.175	3.61	7.24	581	2550	1.73	0.20	3.13	3.07	42.2	6.6	10	19.25	58.8
N814638		3.12	<0.005	0.13	0.07	<5	20	<0.05	0.02	21.6	0.06	1.06	0.7	<1	0.18	1.5
N814639		3.19	<0.005	0.26	8.27	15.4	2310	1.47	0.25	1.92	0.12	49.2	6.4	14	19.00	137.5
N814640		3.56	0.340	0.34	7.46	231	1800	1.67	0.23	2.43	0.17	49.2	6.4	12	15.35	17.7
N814641		2.73	0.355	2.74	8.19	28.6	2030	1.34	3.18	1.44	0.19	55.0	7.2	15	15.45	1550
N814642		3.33	<0.005	0.22	7.55	18.7	2510	1.77	0.37	2.00	0.06	48.7	20.0	15	15.10	10.9
N814643		3.37	<0.005	0.65	7.72	8.9	2280	1.88	0.59	2.23	0.12	47.7	6.9	18	13.70	108.5
N814644		<0.02	<0.005	0.49	7.48	9.0	2240	1.82	0.54	2.13	0.10	51.8	6.9	11	14.15	64.3
N814645		2.69	0.419	18.05	6.45	1315	660	1.35	2.59	2.76	31.0	46.2	18.4	14	11.70	275
N814646		4.99	<0.005	0.44	7.28	6.6	2200	1.76	0.37	2.60	0.14	42.5	6.6	12	17.00	72.6
N814647		4.04	<0.005	0.29	7.13	8.6	2510	1.62	0.38	2.76	0.60	40.9	6.7	14	17.00	31.7
N814648		5.40	<0.005	0.18	7.07	7.8	2430	1.74	0.43	2.61	0.10	41.6	7.7	11	16.70	14.0
N814649		4.57	<0.005	0.12	6.57	7.1	2570	1.77	0.35	3.06	0.15	37.1	6.9	14	27.7	12.6
N814650		2.45	0.103	3.64	6.95	509	2200	1.65	0.47	2.13	5.78	45.1	10.4	8	24.1	20.0
N814651		3.23	0.127	0.35	6.76	5.1	2190	1.66	0.67	2.49	0.10	39.8	6.1	13	18.10	17.6
N814652		1.72	<0.005	0.18	6.75	6.0	2240	1.71	0.34	2.65	0.10	38.0	6.7	9	19.30	13.0
N814653		2.23	<0.005	0.20	7.18	12.8	2360	1.54	0.64	2.39	0.10	41.3	10.6	10	21.2	21.4
N814654		5.11	0.005	0.13	7.21	30.8	2380	1.46	0.45	2.72	0.13	41.7	9.1	13	12.25	15.0
N814655		0.26	0.758	11.35	6.89	1530	1230	1.67	6.48	1.99	43.1	44.2	16.1	20	17.45	113.5
N814656		6.96	<0.005	0.61	6.98	16.1	2450	1.60	0.42	2.57	1.77	39.1	12.7	11	14.75	18.0
N814657		4.84	<0.005	0.17	6.18	6.4	2000	1.66	0.18	3.45	0.12	31.9	7.0	12	18.30	77.0
N814658		3.88	0.006	0.23	7.14	7.6	2280	1.78	0.32	2.68	0.18	42.0	6.3	10	14.45	16.2
N814659		2.63	0.006	0.40	6.37	10.6	2150	1.41	0.47	2.91	0.40	34.5	6.0	12	13.35	30.3
N814660		2.77	<0.005	0.02	0.06	<5	20	0.05	0.03	20.8	0.06	1.54	0.6	<1	0.15	1.7
N814661		2.58	<0.005	0.16	6.36	9.9	1290	1.19	0.31	2.80	0.13	37.2	6.6	13	12.10	11.9
N814662		6.60	<0.005	0.16	6.77	4.2	2460	1.45	0.20	2.57	0.20	41.1	7.0	10	16.25	16.3
N814663		2.55	0.036	2.03	5.88	12.7	1900	1.44	0.33	2.78	1.43	32.0	6.7	12	14.25	197.0
N814664		7.85	<0.005	0.36	6.79	7.2	2330	1.64	0.23	2.61	0.60	43.7	6.9	13	14.35	27.4
N814665		5.54	<0.005	0.17	6.77	8.0	2320	1.41	0.26	2.96	0.13	38.3	7.5	19	16.60	14.1
N814666		6.59	<0.005	0.21	7.49	5.9	2440	1.34	0.29	2.54	0.15	48.7	6.6	12	10.90	13.2
N814667		2.71	0.092	2.28	7.15	22.9	2160	1.50	0.30	3.01	19.30	41.3	6.0	22	14.75	215



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Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12193445**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814632		3.98	17.35	0.09	1.1	0.185	3.44	23.6	26.1	0.70	5500	8.18	0.11	6.4	2.5	480
N814633		2.93	16.60	0.09	1.2	0.051	3.13	20.3	11.8	0.71	787	3.21	2.04	7.2	2.6	600
N814634		6.64	15.45	0.09	1.0	1.830	2.77	24.6	25.2	0.93	1970	14.00	0.04	5.8	16.7	470
N814635		2.97	16.70	0.08	1.2	0.052	3.02	21.1	23.9	0.76	729	2.29	2.01	7.7	2.5	620
N814636		2.94	17.20	0.09	1.3	0.063	2.92	17.9	46.0	0.84	1460	1.93	0.92	7.9	2.8	620
N814637		2.69	17.00	0.08	1.2	0.048	2.10	20.7	76.9	0.91	3230	2.20	0.04	7.5	2.6	580
N814638		0.49	0.22	0.13	<0.1	<0.005	0.03	0.5	1.2	13.05	229	0.20	0.01	0.1	1.9	200
N814639		3.70	18.70	0.11	1.3	0.097	3.38	26.0	30.4	0.77	1400	1.56	0.27	7.9	2.7	690
N814640		3.15	17.90	0.10	1.3	0.053	3.00	23.4	17.6	0.65	2710	1.61	1.44	7.8	2.6	650
N814641		3.90	19.60	0.11	1.2	0.316	3.40	30.1	28.6	0.73	1200	1.51	0.46	7.8	2.8	610
N814642		3.38	17.30	0.10	1.3	0.138	3.03	25.4	18.1	0.76	707	1.50	1.68	7.8	2.8	630
N814643		3.41	17.20	0.09	1.4	0.090	3.50	25.0	16.7	0.79	610	1.86	2.00	8.3	2.8	650
N814644		3.33	18.10	0.09	1.4	0.093	3.36	26.5	17.9	0.79	591	1.41	1.93	8.8	2.7	640
N814645		4.43	15.10	0.10	1.1	0.189	3.27	25.4	27.8	0.84	5180	2.10	0.04	6.0	2.7	500
N814646		2.79	16.75	0.09	1.4	0.054	2.98	22.1	15.0	0.69	674	2.14	2.21	7.9	2.6	600
N814647		2.97	17.10	0.09	1.4	0.061	3.05	20.7	17.9	0.75	821	1.79	1.64	7.7	2.6	600
N814648		2.90	16.80	0.10	1.5	0.053	2.94	19.9	20.6	0.73	662	1.75	1.91	7.9	2.5	590
N814649		3.07	16.40	0.10	1.3	0.064	2.95	17.4	68.1	0.84	835	1.51	1.09	7.3	2.6	600
N814650		3.02	17.05	0.08	1.2	0.071	3.15	22.1	121.5	0.70	2160	2.41	0.12	7.5	2.8	600
N814651		2.66	16.35	0.11	1.2	0.047	2.71	20.1	17.8	0.69	578	1.48	2.06	7.2	2.5	570
N814652		2.78	16.90	0.10	1.2	0.049	2.76	19.1	18.4	0.72	619	1.36	2.08	7.5	2.6	590
N814653		3.29	16.80	0.09	1.2	0.084	3.35	21.0	40.1	0.73	800	1.46	1.13	7.6	2.4	590
N814654		3.27	17.05	0.09	1.2	0.068	2.85	20.5	15.0	0.76	809	1.48	2.07	7.6	2.6	610
N814655		5.27	16.25	0.08	1.5	0.952	2.98	23.3	26.1	0.72	2110	12.65	0.28	7.2	16.0	530
N814656		3.08	16.70	0.07	1.3	0.104	2.97	19.9	13.8	0.69	994	1.28	1.83	7.5	2.5	620
N814657		2.92	16.25	0.08	1.3	0.039	2.48	15.3	21.4	0.80	865	1.24	1.73	7.6	2.6	600
N814658		2.90	16.80	0.08	1.5	0.056	2.90	20.8	17.3	0.71	710	1.27	2.25	7.9	2.5	610
N814659		2.85	15.90	0.08	1.4	0.064	2.96	17.4	17.6	0.72	913	1.38	1.58	7.6	2.9	550
N814660		0.45	0.21	0.09	<0.1	0.005	0.02	0.8	1.1	12.55	198	0.26	0.01	0.2	1.7	310
N814661		2.51	15.90	0.10	1.4	0.044	2.56	17.8	38.4	0.86	835	1.54	0.44	7.8	2.5	550
N814662		2.82	16.95	0.13	1.5	0.048	2.68	20.3	17.9	0.69	662	1.86	2.25	8.3	2.7	610
N814663		2.83	15.55	0.09	1.3	0.086	2.71	16.5	14.8	0.68	1140	1.95	1.58	7.4	2.7	520
N814664		2.73	17.10	0.09	1.4	0.042	2.79	24.5	20.1	0.66	713	2.34	2.14	8.6	2.7	600
N814665		2.91	16.60	0.10	2.0	0.042	2.53	19.0	31.5	0.89	661	2.03	2.10	8.6	5.6	820
N814666		2.92	16.00	0.10	1.2	0.037	2.82	26.0	18.9	0.85	688	2.24	2.46	7.7	2.5	610
N814667		3.24	16.95	0.08	1.3	0.211	2.91	21.2	24.7	0.83	1080	3.26	1.93	8.4	2.8	680



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**CERTIFICATE OF ANALYSIS WH12193445**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814632		1115	151.0	<0.002	2.51	92.8	9.4	1	4.6	104.0	0.56	<0.05	12.9	0.229	3.00	5.7
N814633		31.3	102.5	0.002	0.04	3.50	9.8	2	2.2	364	0.64	<0.05	11.7	0.259	1.68	3.5
N814634		3040	164.5	0.002	5.03	97.7	9.0	1	9.1	99.9	0.52	0.45	11.9	0.192	2.67	5.7
N814635		25.4	95.4	<0.002	0.02	5.64	10.2	1	2.2	362	0.68	<0.05	11.7	0.273	1.43	3.3
N814636		24.0	89.8	<0.002	0.21	36.3	10.4	1	4.5	246	0.67	<0.05	10.2	0.270	1.82	4.1
N814637		66.0	65.2	<0.002	0.93	80.6	9.6	1	8.7	252	0.64	<0.05	12.2	0.268	2.19	4.4
N814638		1.5	1.2	<0.002	<0.01	0.19	0.2	<1	<0.2	43.9	<0.05	<0.05	<0.2	<0.005	0.05	1.0
N814639		16.9	121.0	<0.002	0.13	14.40	12.4	<1	5.1	121.5	0.69	<0.05	14.8	0.292	2.04	5.9
N814640		21.2	100.5	<0.002	0.56	20.9	11.5	<1	2.7	288	0.67	<0.05	13.4	0.285	1.71	3.1
N814641		18.7	150.5	<0.002	0.23	36.3	11.9	1	3.9	117.0	0.66	<0.05	18.2	0.269	2.04	4.7
N814642		16.7	116.5	<0.002	0.15	5.57	10.8	1	10.0	283	0.70	<0.05	16.9	0.272	1.66	3.8
N814643		20.4	134.5	<0.002	0.04	7.77	10.8	1	2.8	324	0.77	<0.05	14.9	0.300	1.70	3.9
N814644		19.8	137.0	<0.002	0.03	7.57	11.4	1	3.0	315	0.77	<0.05	15.4	0.289	1.59	3.9
N814645		1255	183.0	<0.002	3.01	190.0	9.1	1	5.3	78.0	0.58	<0.05	14.1	0.214	2.56	6.8
N814646		20.6	110.0	<0.002	0.03	5.81	9.8	<1	2.1	368	0.75	<0.05	13.6	0.258	1.51	3.8
N814647		57.0	108.5	<0.002	0.07	7.82	9.6	1	2.1	302	0.74	<0.05	12.5	0.268	1.61	3.4
N814648		20.8	105.0	<0.002	0.07	5.21	10.2	1	2.0	335	0.76	<0.05	12.5	0.260	1.56	3.6
N814649		20.2	107.0	<0.002	0.04	13.40	9.6	1	2.0	282	0.68	<0.05	10.7	0.251	1.73	3.4
N814650		278	130.0	<0.002	0.59	44.0	10.6	1	2.9	157.0	0.67	<0.05	12.2	0.252	2.06	5.2
N814651		20.6	106.0	<0.002	0.01	3.55	9.8	1	2.0	359	0.61	<0.05	11.5	0.251	1.36	3.1
N814652		19.9	103.0	<0.002	0.01	3.72	9.9	1	2.2	372	0.64	<0.05	10.5	0.257	1.30	2.8
N814653		16.6	133.5	0.002	0.09	8.44	10.1	1	2.5	249	0.65	<0.05	11.9	0.260	1.82	3.1
N814654		23.5	104.0	<0.002	0.39	3.96	10.2	1	2.3	358	0.65	<0.05	11.7	0.270	1.39	3.1
N814655		1475	160.0	0.002	3.26	36.4	9.4	1	6.3	155.5	0.65	0.34	12.3	0.220	2.67	5.3
N814656		212	109.5	<0.002	0.17	5.80	10.1	1	2.2	315	0.69	<0.05	11.9	0.264	1.70	3.4
N814657		32.3	74.8	<0.002	0.02	5.71	9.6	<1	10.9	328	0.68	<0.05	9.6	0.265	1.30	3.5
N814658		134.5	103.5	<0.002	0.06	2.72	9.8	1	2.0	376	0.74	<0.05	11.8	0.265	1.40	3.6
N814659		312	113.0	<0.002	0.12	5.99	8.8	1	1.7	287	0.72	<0.05	10.9	0.240	1.54	3.6
N814660		1.7	1.2	<0.002	<0.01	0.05	0.2	1	<0.2	45.1	<0.05	<0.05	0.2	<0.005	0.03	0.7
N814661		23.3	84.0	<0.002	0.14	11.70	8.8	1	1.8	145.0	0.75	<0.05	10.8	0.246	1.49	4.3
N814662		28.8	100.5	<0.002	0.02	2.88	10.5	1	1.9	382	0.81	<0.05	12.0	0.264	1.22	3.7
N814663		343	102.5	<0.002	0.20	11.25	8.7	1	1.7	261	0.71	<0.05	9.7	0.227	1.59	3.5
N814664		70.0	113.5	<0.002	0.04	3.63	10.2	1	1.9	353	0.77	<0.05	12.8	0.260	1.30	3.7
N814665		27.5	87.4	<0.002	0.01	1.88	9.1	1	1.8	452	0.76	<0.05	10.0	0.293	1.24	3.0
N814666		28.9	114.5	<0.002	0.01	1.74	10.4	1	1.9	436	0.68	<0.05	14.4	0.267	1.28	3.9
N814667		754	113.5	<0.002	0.39	20.5	10.8	1	2.1	339	0.70	<0.05	11.5	0.290	1.58	3.1



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**CERTIFICATE OF ANALYSIS WH12193445**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814632		62	5.6	12.3	3650	27.9	13
N814633		69	2.1	14.5	66	31.1	<1
N814634		59	5.6	10.7	5780	26.5	26
N814635		74	2.0	15.8	60	31.0	<1
N814636		76	3.7	15.6	73	33.4	1
N814637		70	5.8	14.5	247	31.4	3
N814638		1	0.1	0.8	15	<0.5	<1
N814639		82	4.5	18.2	65	31.0	<1
N814640		77	2.7	15.7	55	31.1	<1
N814641		73	6.1	16.3	67	29.5	2
N814642		73	3.2	16.0	51	31.8	<1
N814643		80	3.0	15.6	54	32.0	<1
N814644		77	3.0	16.6	50	33.7	<1
N814645		59	7.0	13.1	2590	25.9	17
N814646		69	4.4	15.6	50	34.4	<1
N814647		71	2.9	15.7	101	33.6	<1
N814648		70	3.5	15.1	47	34.9	<1
N814649		68	3.3	14.6	51	33.0	<1
N814650		70	3.1	15.6	408	31.8	2
N814651		65	0.8	14.6	43	29.5	<1
N814652		69	0.8	15.1	45	31.6	<1
N814653		69	7.2	14.7	46	29.8	<1
N814654		73	3.4	15.6	50	31.8	<1
N814655		60	5.4	11.9	3200	40.3	10
N814656		72	2.7	14.8	223	34.7	<1
N814657		72	2.0	14.2	55	33.4	<1
N814658		71	4.4	15.3	58	36.0	<1
N814659		64	3.2	14.1	83	36.1	<1
N814660		1	0.1	0.9	16	<0.5	<1
N814661		65	2.6	14.7	50	36.2	<1
N814662		72	3.1	16.4	59	37.1	<1
N814663		61	4.1	15.3	194	33.2	1
N814664		70	3.9	16.7	103	39.3	<1
N814665		72	1.9	14.7	62	67.4	<1
N814666		72	2.5	17.2	57	33.7	<1
N814667		79	2.4	16.6	2240	34.0	2



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**CERTIFICATE OF ANALYSIS WH12193445**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12193446**

Project: Klaza - 107

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12193446**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814668		0.26	2.25	27.5	5.93	2820	1470	1.19	20.6	2.22	79.2	44.4	10.2	19	15.10	451
N814669		5.30	<0.005	0.51	6.91	6.1	2370	1.39	0.32	2.87	1.51	37.3	7.1	12	12.40	12.4
N814670		5.98	<0.005	0.66	7.44	8.2	2390	1.33	0.49	2.84	0.89	38.9	6.9	11	20.1	28.5
N814671		2.94	<0.005	0.77	6.37	23.2	5290	1.38	0.58	3.27	0.40	39.1	6.9	6	21.3	53.5
N814672		3.33	0.021	9.27	6.46	72.7	2190	1.24	0.57	2.90	1.45	37.7	6.0	7	17.25	145.5
N814673		2.85	<0.005	0.21	0.08	<5	40	0.05	0.04	21.9	0.06	1.32	0.6	<1	0.22	2.8
N814674		3.07	0.031	0.78	7.06	18.2	2400	1.52	0.84	2.51	0.28	43.3	6.4	9	17.80	172.5
N814675		3.97	0.005	0.59	6.58	21.7	2080	1.47	0.51	2.67	0.18	42.2	6.7	8	17.15	180.0
N814676		6.12	<0.005	0.46	6.92	7.3	2340	1.44	0.35	2.85	0.25	41.5	7.8	8	17.25	64.0
N814677		4.94	0.012	0.93	6.17	22.2	2050	1.47	0.31	2.67	6.59	40.8	7.1	8	16.70	43.7
N814678		4.29	0.007	0.41	6.87	27.2	2310	1.39	0.33	2.56	1.43	40.7	6.6	9	12.65	25.0
N814679		1.74	<0.005	0.21	6.94	25.7	2350	1.61	0.29	2.53	0.14	42.9	6.8	8	12.65	32.3
N814680		5.23	<0.005	0.16	7.02	4.5	2310	1.53	0.26	2.64	0.12	40.7	6.6	10	13.85	16.0
N814681		2.66	0.005	1.51	7.59	24.9	2210	1.61	0.30	2.34	3.92	43.2	7.1	9	14.60	39.0
N814682		3.42	<0.005	0.25	6.61	9.5	2220	1.40	0.34	3.13	0.14	34.6	6.8	7	14.45	17.3
N814683		2.36	0.368	14.45	6.82	599	2080	1.46	0.27	2.89	6.10	41.8	7.4	7	15.35	61.9
N814684		3.21	0.043	1.76	7.02	121.0	2650	1.42	0.25	2.22	0.58	45.9	6.1	7	22.9	35.0
N814685		5.00	0.008	0.30	6.84	17.1	2030	1.39	0.33	2.44	0.12	41.0	7.0	8	20.8	17.8
N814686		3.90	0.026	0.33	6.99	10.1	2110	1.56	0.20	2.68	0.13	38.8	7.2	8	16.10	85.2
N814687		<0.02	0.032	0.32	6.92	8.3	2130	1.54	0.20	2.75	0.13	36.2	7.0	9	15.65	88.5
N814688		3.43	<0.005	0.20	6.33	5.4	2240	1.40	0.23	2.85	0.21	35.2	5.9	8	14.75	28.0
N814689		2.33	0.409	8.62	5.85	271	1860	1.31	0.35	3.78	4.56	34.7	7.3	7	13.95	280
N814690		2.46	0.018	0.46	6.62	28.3	2170	1.52	0.26	2.66	0.16	38.7	7.1	9	15.75	28.2
N814691		3.43	0.238	0.41	6.65	179.0	2040	1.48	0.27	2.62	0.25	38.9	6.3	8	18.90	18.4
N814692		0.26	0.778	10.75	6.62	1505	1000	1.39	7.06	1.93	42.1	45.1	15.8	20	16.75	111.0
N814693		3.38	<0.005	0.17	7.03	12.0	1880	1.35	0.37	2.30	0.17	46.8	6.4	8	15.10	18.7
N814694		2.28	0.162	0.59	6.28	105.5	2090	1.40	0.39	3.36	0.24	39.5	7.1	7	16.65	20.4
N814695		3.12	<0.005	0.01	0.08	<5	30	0.06	0.02	21.2	0.07	1.38	1.6	<1	0.32	2.5
N814696		3.79	<0.005	0.18	6.50	11.9	2280	1.43	0.51	2.48	0.15	38.4	8.2	9	15.70	36.5
N814697		2.09	<0.005	0.26	6.65	29.6	2090	1.43	1.24	2.91	0.20	35.9	11.5	9	12.70	40.2
N814698		6.72	<0.005	0.16	6.42	8.9	2260	1.42	0.25	2.91	0.17	37.0	7.8	10	10.10	33.3
N814699		8.27	<0.005	0.15	6.93	5.3	2340	1.42	0.33	2.67	0.15	47.3	7.3	12	9.01	21.5
N814700		4.40	0.024	0.31	6.79	55.6	2290	1.36	1.41	2.49	0.18	41.9	11.7	9	12.35	65.9
N814701		3.22	2.13	4.94	6.07	2010	1390	1.35	0.25	2.95	0.97	41.1	7.8	6	18.85	86.8
N814702		2.65	0.057	1.74	6.28	107.5	1840	1.22	0.31	2.78	0.17	35.9	7.2	8	14.85	292
N814703		4.69	<0.005	0.27	6.40	16.9	2410	1.42	0.21	3.16	0.11	34.8	8.4	9	15.05	46.7





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**CERTIFICATE OF ANALYSIS WH12193446**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814668		6.41	14.30	0.09	1.0	1.760	2.67	26.3	23.8	0.91	1940	13.00	0.04	5.9	15.8	460
N814669		3.01	16.25	0.08	1.3	0.066	2.65	18.4	20.9	0.79	722	3.20	2.39	7.9	2.8	650
N814670		2.99	16.50	0.08	1.1	0.058	2.83	19.5	22.4	0.74	796	2.25	2.08	7.7	2.7	650
N814671		2.62	15.40	0.09	1.2	0.053	2.61	20.6	165.5	1.02	1520	2.09	0.10	7.2	2.4	560
N814672		2.78	14.75	0.09	1.1	0.070	3.12	18.6	30.6	0.79	1950	1.87	0.98	6.9	2.4	560
N814673		0.49	0.25	0.11	<0.1	<0.005	0.03	0.7	1.7	13.05	215	0.17	0.01	0.2	1.8	190
N814674		2.84	17.25	0.12	1.2	0.078	3.17	22.1	25.8	0.67	923	2.39	1.61	8.1	2.7	590
N814675		2.60	16.50	0.11	1.5	0.059	3.15	21.6	34.4	0.70	680	1.89	1.41	8.3	2.4	530
N814676		2.87	16.85	0.11	1.2	0.069	2.64	20.2	18.8	0.77	740	3.13	2.03	8.0	2.6	630
N814677		2.57	16.70	0.10	1.1	0.115	2.68	19.2	95.1	0.80	1280	1.86	0.60	7.6	2.8	560
N814678		2.86	15.75	0.07	1.4	0.061	2.98	20.6	11.8	0.70	930	1.13	2.05	7.7	2.4	600
N814679		2.78	16.90	0.09	1.3	0.048	3.00	22.0	12.2	0.69	790	1.18	2.10	7.8	2.7	590
N814680		2.87	16.70	0.09	1.3	0.036	2.86	19.5	15.6	0.73	690	1.02	2.27	8.0	2.5	620
N814681		2.87	17.15	0.11	1.4	0.094	3.19	22.0	22.4	0.68	1080	1.16	1.39	8.2	2.8	610
N814682		3.00	15.90	0.08	1.3	0.039	2.81	16.6	21.9	0.89	1060	1.47	1.65	7.7	2.4	610
N814683		3.11	16.65	0.09	1.4	0.156	3.48	20.4	27.9	0.88	5210	1.44	0.68	8.1	2.7	640
N814684		2.63	16.35	0.09	1.3	0.044	3.09	22.3	86.5	0.74	2050	1.07	0.35	7.9	2.4	570
N814685		2.76	16.25	0.11	1.5	0.040	2.91	21.0	23.1	0.64	842	0.90	1.50	7.9	2.6	560
N814686		2.74	16.50	0.08	1.4	0.043	3.01	19.8	33.1	0.72	615	1.32	1.51	8.1	2.5	600
N814687		2.79	16.20	0.10	1.4	0.044	3.06	18.3	31.9	0.72	627	1.11	1.52	8.1	2.5	600
N814688		2.65	15.50	0.08	1.4	0.046	2.73	16.9	20.8	0.74	688	1.37	1.76	7.4	2.1	550
N814689		3.00	14.25	0.08	1.3	0.115	2.95	17.3	22.8	1.00	6020	2.09	0.95	6.9	2.8	500
N814690		2.74	16.55	0.09	1.3	0.047	3.13	19.3	18.1	0.68	1120	1.54	1.53	8.3	2.8	570
N814691		2.68	15.55	0.08	1.3	0.038	3.04	18.6	19.1	0.64	3000	1.97	1.49	7.5	2.4	560
N814692		5.19	15.55	0.11	1.4	0.965	2.90	24.1	26.2	0.71	2050	13.10	0.27	7.5	15.7	510
N814693		2.63	16.40	0.08	1.2	0.050	2.66	22.7	120.5	0.70	989	2.53	1.08	8.0	2.3	580
N814694		2.88	16.10	0.09	1.2	0.040	2.87	19.2	42.7	0.94	3260	2.67	0.93	7.6	2.7	570
N814695		0.53	0.31	0.09	<0.1	0.005	0.04	0.7	1.4	12.90	229	0.22	0.01	0.3	1.7	190
N814696		2.81	16.10	0.14	1.1	0.037	2.78	17.2	25.9	0.68	683	2.97	2.04	8.0	2.5	580
N814697		3.21	17.10	0.16	1.2	0.046	2.72	15.5	23.2	0.85	930	2.87	1.74	8.3	2.8	600
N814698		2.84	16.25	0.16	1.3	0.035	2.64	16.0	17.9	0.83	708	2.09	2.11	8.0	2.6	570
N814699		3.02	16.35	0.18	1.2	0.042	2.79	21.3	15.2	0.84	683	3.68	2.31	8.3	2.6	620
N814700		3.08	15.95	0.16	1.0	0.040	3.07	19.2	9.7	0.74	902	5.71	1.87	7.9	3.1	590
N814701		2.59	13.45	0.16	0.9	0.057	2.42	21.0	25.2	0.82	7740	5.92	0.04	6.3	2.4	490
N814702		2.60	15.00	0.17	1.1	0.066	3.07	16.4	34.3	0.66	1160	0.63	0.79	7.5	2.2	540
N814703		2.86	15.55	0.17	1.1	0.050	2.96	15.3	19.8	0.75	877	0.88	1.57	8.0	2.5	580



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**CERTIFICATE OF ANALYSIS WH12193446**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814668		2950	175.0	<0.002	4.90	88.0	8.6	1	7.9	92.0	0.52	0.40	12.6	0.188	2.50	6.0
N814669		66.6	93.6	<0.002	0.02	1.95	9.6	1	2.0	417	0.70	<0.05	10.0	0.288	1.22	2.5
N814670		496	105.5	<0.002	0.05	6.11	10.4	1	2.1	380	0.71	<0.05	11.4	0.284	1.41	3.0
N814671		108.0	96.5	<0.002	0.28	42.1	9.8	1	2.0	240	0.62	<0.05	10.9	0.240	1.83	5.0
N814672		6000	129.0	<0.002	0.40	48.8	9.1	1	1.9	238	0.63	<0.05	11.2	0.243	2.09	3.7
N814673		9.9	1.6	<0.002	<0.01	0.20	0.2	<1	<0.2	47.1	<0.05	<0.05	0.2	<0.005	0.04	0.9
N814674		136.5	131.5	<0.002	0.13	13.70	10.4	1	2.3	310	0.67	<0.05	12.1	0.261	1.79	3.5
N814675		28.9	128.5	<0.002	0.09	10.90	9.2	1	2.5	264	0.84	<0.05	14.8	0.228	1.69	4.0
N814676		30.9	102.0	<0.002	0.04	5.66	10.9	1	2.2	378	0.68	<0.05	10.6	0.279	1.42	3.1
N814677		266	95.4	<0.002	0.29	22.7	10.1	1	2.1	214	0.64	<0.05	10.3	0.243	1.69	3.7
N814678		41.4	106.5	<0.002	0.14	6.46	9.6	1	1.9	350	0.73	<0.05	12.5	0.262	1.52	3.2
N814679		25.7	113.5	<0.002	0.07	3.94	9.8	<1	2.0	356	0.72	<0.05	12.7	0.263	1.52	3.1
N814680		22.3	109.5	<0.002	0.02	3.01	10.0	1	1.9	395	0.72	<0.05	11.8	0.274	1.24	3.1
N814681		567	123.5	<0.002	0.26	9.57	10.6	1	2.0	303	0.71	<0.05	13.4	0.268	1.72	2.8
N814682		25.1	91.7	<0.002	0.11	8.02	9.2	1	1.9	315	0.74	<0.05	10.4	0.273	1.36	3.2
N814683		1255	133.5	<0.002	0.90	76.7	11.0	1	2.6	219	0.73	<0.05	12.1	0.267	2.36	4.2
N814684		22.1	132.0	<0.002	0.35	37.2	10.5	1	2.1	172.0	0.72	<0.05	13.2	0.252	1.84	4.1
N814685		22.9	121.0	<0.002	0.15	9.15	10.2	1	1.9	285	0.74	<0.05	12.9	0.255	1.60	3.5
N814686		20.7	115.0	<0.002	0.06	15.80	9.7	1	1.9	296	0.74	<0.05	12.1	0.260	1.57	3.4
N814687		21.5	113.5	<0.002	0.06	16.55	9.3	1	1.8	296	0.75	<0.05	11.5	0.265	1.65	3.4
N814688		77.6	98.7	<0.002	0.05	7.70	8.4	1	1.7	324	0.77	<0.05	10.5	0.241	1.33	3.1
N814689		558	114.5	<0.002	0.62	161.0	8.2	1	2.0	224	0.71	<0.05	11.3	0.218	1.87	4.7
N814690		28.6	133.5	<0.002	0.22	9.21	9.8	1	2.2	294	0.77	<0.05	11.5	0.251	1.82	3.5
N814691		25.6	112.0	<0.002	0.38	23.0	8.9	1	2.2	287	0.75	<0.05	11.9	0.245	1.77	3.7
N814692		1460	169.0	<0.002	3.14	32.7	9.3	1	6.0	154.5	0.68	0.26	13.9	0.217	2.70	5.6
N814693		20.3	106.5	<0.002	0.15	13.15	10.2	<1	2.7	270	0.76	<0.05	13.1	0.257	1.40	3.2
N814694		23.9	100.5	<0.002	0.69	17.40	9.3	1	2.9	267	0.70	<0.05	11.2	0.245	1.78	3.7
N814695		1.5	2.3	<0.002	0.02	0.11	0.5	1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N814696		24.0	102.0	<0.002	0.16	4.20	9.3	1	3.5	347	0.67	<0.05	10.4	0.253	1.30	3.4
N814697		24.1	100.5	<0.002	0.35	11.50	9.5	1	4.1	334	0.64	<0.05	9.5	0.270	1.52	4.0
N814698		24.0	89.1	<0.002	0.07	5.48	8.8	1	2.2	368	0.66	<0.05	9.1	0.248	1.17	3.3
N814699		24.4	104.5	<0.002	0.05	1.84	9.7	1	2.7	398	0.67	<0.05	11.5	0.270	1.20	4.0
N814700		19.4	127.0	<0.002	0.43	21.1	9.3	1	2.8	338	0.62	<0.05	10.2	0.255	1.59	6.6
N814701		50.4	114.0	<0.002	1.37	161.0	8.2	1	2.1	157.0	0.50	<0.05	10.6	0.211	1.99	8.4
N814702		35.5	106.5	<0.002	0.30	150.5	8.7	1	1.7	270	0.60	<0.05	10.1	0.238	1.68	3.2
N814703		17.2	98.8	<0.002	0.15	8.77	9.0	1	1.8	317	0.63	<0.05	9.5	0.255	1.54	3.4



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**CERTIFICATE OF ANALYSIS WH12193446**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814668		57	5.4	10.8	5630	27.0	25
N814669		76	2.1	15.1	201	32.6	<1
N814670		76	2.2	15.4	132	28.5	<1
N814671		65	3.2	15.5	85	30.6	<1
N814672		64	2.4	13.5	171	28.9	7
N814673		2	0.1	0.9	16	<0.5	<1
N814674		69	2.5	15.8	65	36.9	<1
N814675		60	3.9	15.2	58	41.8	<1
N814676		74	3.8	15.9	69	32.1	<1
N814677		66	3.0	15.3	680	30.3	<1
N814678		70	3.0	15.0	201	32.7	<1
N814679		70	3.6	15.1	56	32.3	<1
N814680		72	2.3	15.0	54	33.5	<1
N814681		71	3.6	15.8	454	33.7	<1
N814682		72	2.9	14.4	56	32.7	<1
N814683		76	5.4	16.0	695	36.2	12
N814684		68	3.7	15.3	83	34.0	<1
N814685		68	2.8	15.9	48	35.3	<1
N814686		69	16.1	15.3	48	34.2	<1
N814687		70	11.9	14.6	49	36.6	<1
N814688		63	1.9	14.0	58	32.6	<1
N814689		58	2.4	13.4	544	30.7	7
N814690		68	1.6	15.9	54	34.1	<1
N814691		64	2.5	14.8	63	31.9	<1
N814692		59	5.4	12.5	3140	40.3	9
N814693		69	4.8	15.9	53	31.8	<1
N814694		65	5.2	15.1	67	32.4	<1
N814695		2	0.1	0.9	14	<0.5	<1
N814696		68	7.5	13.2	50	29.4	<1
N814697		72	4.4	13.5	59	32.6	<1
N814698		67	3.5	13.2	53	34.6	<1
N814699		74	2.7	14.9	54	30.6	<1
N814700		70	4.5	13.1	52	26.6	<1
N814701		57	3.7	11.9	200	23.5	4
N814702		65	3.0	12.3	67	28.1	1
N814703		71	2.5	12.4	44	30.5	<1



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Project: Klaza - 107

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**CERTIFICATE OF ANALYSIS WH12193446**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12193447**

Project: Klaza - 107

P.O. No.: Batch 5

This report is for 14 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12193447**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814704		3.53	0.012	0.14	6.90	19.7	2290	1.38	0.28	2.75	0.10	38.9	7.1	9	11.30	11.4
N814705		5.75	<0.005	0.16	7.02	5.7	2390	1.60	0.25	2.92	0.12	40.4	8.2	11	8.34	12.7
N814706		0.26	2.37	26.7	5.87	3400	1620	1.35	17.15	2.28	81.7	45.3	11.7	18	16.05	441
N814707		8.25	<0.005	0.20	7.24	7.5	2290	1.58	0.26	2.96	0.21	43.7	8.2	11	8.67	17.0
N814708		7.35	<0.005	0.28	6.96	7.1	2250	1.45	0.24	2.66	2.89	41.7	8.2	11	11.20	30.3
N814709		2.76	0.287	5.42	6.15	238	2450	1.35	0.13	3.16	1.87	43.0	7.3	6	18.35	143.0
N814710		3.80	<0.005	0.02	0.07	<5	30	0.09	0.02	21.0	0.07	1.13	1.3	<1	0.55	2.7
N814711		6.69	0.015	0.59	7.00	7.6	2290	1.67	0.15	2.48	0.31	47.5	7.3	10	11.90	15.6
N814712		8.23	<0.005	0.13	6.94	7.4	2440	1.58	0.28	2.39	0.13	45.4	7.7	9	10.80	31.7
N814713		8.08	<0.005	0.40	7.07	6.7	2190	1.62	0.12	2.63	0.26	48.2	8.7	11	10.70	24.3
N814714		5.66	<0.005	0.14	6.98	5.6	2400	1.55	0.13	2.56	0.13	45.9	7.8	11	10.45	20.6
N814715		2.74	0.236	26.0	6.02	96.5	2870	1.74	0.40	2.61	9.35	42.5	7.5	6	22.8	301
N814716		4.48	<0.005	0.12	6.27	8.0	1320	1.79	0.25	3.30	0.09	42.9	6.9	17	28.0	8.2
N814717		3.33	<0.005	0.06	6.26	5.4	1400	1.95	0.30	3.10	0.06	42.3	5.8	14	28.0	4.0



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Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12193447**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N814704		2.98	16.20	0.16	1.2	0.038	2.71	18.0	12.4	0.73	678	0.88	2.21	8.0	2.9	590
N814705		3.04	17.70	0.18	1.2	0.041	2.63	18.0	14.6	0.85	700	1.45	2.46	8.9	3.0	620
N814706		6.57	15.25	0.22	0.9	1.765	2.69	23.8	21.3	0.93	1930	14.10	0.04	6.5	17.1	460
N814707		3.16	17.55	0.17	1.1	0.043	2.67	19.5	14.4	0.84	718	1.90	2.48	9.0	3.0	640
N814708		3.17	17.15	0.18	1.0	0.078	2.73	18.8	18.2	0.83	819	3.70	2.28	9.1	3.2	630
N814709		2.97	15.45	0.17	0.9	0.083	2.82	20.9	39.7	0.82	5070	4.36	0.55	7.5	2.6	540
N814710		0.47	0.36	0.12	<0.1	<0.005	0.03	0.6	1.2	12.70	213	0.11	0.01	0.4	1.5	180
N814711		2.87	17.45	0.17	1.1	0.047	2.87	22.0	18.0	0.77	614	3.34	2.45	8.7	2.9	590
N814712		2.81	16.85	0.19	1.1	0.036	2.84	20.7	19.5	0.86	630	3.17	2.51	8.4	2.7	570
N814713		3.03	17.25	0.20	1.2	0.048	2.73	21.9	18.4	0.88	702	2.21	2.47	8.7	3.2	600
N814714		2.79	17.00	0.19	1.2	0.037	2.78	21.4	14.5	0.78	647	2.30	2.40	8.7	2.8	570
N814715		3.00	14.50	0.17	1.1	0.105	2.52	20.7	34.6	0.75	12750	8.56	1.14	7.2	2.8	470
N814716		2.47	18.00	0.19	2.4	0.028	2.61	19.7	82.9	0.84	757	1.45	1.37	10.9	7.0	960
N814717		2.23	18.30	0.18	1.8	0.026	2.62	19.6	96.7	0.77	520	1.54	1.37	10.3	6.0	770



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**CERTIFICATE OF ANALYSIS WH12193447**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814704		18.4	101.0	<0.002	0.05	3.53	9.3	1	1.7	385	0.63	<0.05	10.6	0.253	1.20	3.4
N814705		19.6	93.6	<0.002	0.02	2.01	10.5	1	1.9	420	0.64	<0.05	9.5	0.277	1.09	3.2
N814706		2950	173.0	0.002	4.95	94.6	8.5	2	8.2	97.2	0.48	0.36	11.0	0.184	2.25	5.4
N814707		107.5	99.2	<0.002	0.03	2.62	10.5	1	1.9	413	0.69	<0.05	10.4	0.281	1.07	3.5
N814708		118.5	107.5	<0.002	0.05	2.93	10.9	1	2.1	386	0.66	<0.05	10.3	0.275	1.16	3.3
N814709		2240	119.0	<0.002	0.84	69.0	9.6	1	1.8	214	0.55	<0.05	10.2	0.226	1.81	4.4
N814710		2.8	3.3	<0.002	<0.01	0.31	0.3	1	<0.2	53.6	<0.05	<0.05	<0.2	<0.005	0.02	0.8
N814711		174.0	111.5	<0.002	0.02	3.38	10.2	1	2.0	376	0.65	<0.05	11.4	0.259	1.13	3.6
N814712		22.5	105.0	<0.002	0.01	1.81	10.0	1	2.0	459	0.65	<0.05	11.4	0.256	1.04	3.6
N814713		230	106.0	<0.002	0.03	2.17	11.1	1	2.1	407	0.67	<0.05	12.1	0.267	1.08	3.6
N814714		31.0	107.0	<0.002	0.02	1.27	9.9	1	1.9	401	0.68	<0.05	12.2	0.252	1.10	4.0
N814715		8700	110.0	<0.002	0.92	243	8.3	1	2.4	309	0.59	<0.05	10.9	0.203	1.47	4.9
N814716		27.5	71.0	<0.002	0.02	9.64	6.2	1	1.8	567	0.75	<0.05	7.2	0.298	1.15	3.6
N814717		18.8	78.4	<0.002	0.01	6.02	5.3	1	1.4	584	0.73	<0.05	8.0	0.247	1.10	3.8





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Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12193447**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814704		69	2.1	13.6	46	31.3	<1
N814705		75	1.9	14.9	51	31.7	26
N814706		58	5.3	9.9	5660	24.7	<1
N814707		77	1.3	15.4	57	31.6	<1
N814708		77	2.3	15.4	339	28.3	5
N814709		63	3.3	13.6	202	25.9	<1
N814710		2	0.1	0.8	16	<0.5	<1
N814711		69	2.5	14.9	65	30.0	<1
N814712		69	2.3	15.2	48	30.6	<1
N814713		76	2.7	16.6	64	33.1	<1
N814714		68	2.9	15.6	48	32.8	26
N814715		55	2.6	12.4	1010	30.4	<1
N814716		62	1.1	9.9	60	96.0	<1
N814717		53	1.2	9.1	54	63.3	<1



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Project: Klaza - 107

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**CERTIFICATE OF ANALYSIS WH12193447**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12193448**

Project: Klaza - 109

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12193448**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811921		2.45	0.158	17.40	6.83	709	820	1.26	0.88	4.51	15.45	44.8	8.7	14	16.35	52.1
N811922		5.12	<0.005	0.11	7.89	11.4	2140	1.40	0.25	2.30	0.30	47.8	7.9	15	20.5	6.6
N811923		2.62	<0.005	0.40	7.02	50.2	>10000	1.52	0.51	3.13	1.26	41.9	8.2	12	28.3	11.5
N811924		2.38	<0.005	0.05	7.82	6.4	2370	1.34	0.20	2.94	0.11	55.7	7.7	17	14.05	6.1
N811925		2.96	<0.005	0.28	6.98	42.8	1770	1.29	0.70	3.24	0.15	45.0	7.5	15	16.80	6.9
N811926		4.78	<0.005	0.08	7.28	7.7	2200	1.41	0.32	2.94	0.15	48.1	7.6	18	8.91	15.1
N811927		0.26	4.38	>100	5.45	8010	1080	1.15	58.5	2.00	223	33.7	9.2	16	11.00	1320
N811928		6.29	<0.005	0.26	7.44	28.2	2020	1.45	0.83	3.02	0.22	42.4	9.1	15	22.5	40.2
N811929		4.95	<0.005	0.19	7.69	7.9	2280	1.45	1.76	2.80	0.17	53.1	9.8	17	9.24	123.0
N811930		<0.02	0.005	0.20	7.42	7.7	2180	1.50	1.90	2.68	0.14	56.0	9.6	16	9.07	112.5
N811931		3.74	0.008	0.80	7.86	54.5	1850	1.44	4.34	1.76	0.30	54.5	13.4	14	18.85	221
N811932		3.03	0.592	2.47	5.72	719	390	1.33	1.11	4.95	1.34	39.1	10.0	11	12.60	23.5
N811933		2.39	<0.005	0.02	0.10	<5	40	0.07	0.06	20.7	0.07	1.63	0.8	<1	0.38	3.8
N811934		5.17	<0.005	0.15	6.83	13.4	1820	1.53	0.41	2.79	0.13	44.8	7.6	13	18.45	12.0
N811935		2.39	0.122	0.77	6.94	538	1790	1.42	0.21	3.27	0.69	53.0	8.1	14	21.6	13.0
N811936		6.17	0.072	0.07	7.39	8.2	2230	1.44	0.13	3.04	0.21	49.9	8.1	26	12.40	7.8
N811937		2.53	0.009	0.11	7.21	20.0	2140	1.54	0.17	3.01	0.25	45.4	8.5	18	17.25	8.3
N811938		2.40	0.014	2.09	6.67	62.4	3370	1.52	2.56	5.44	3.34	49.8	7.4	11	27.7	79.0
N811939		2.46	<0.005	0.17	0.06	<5	30	<0.05	0.03	21.7	0.05	1.27	0.6	<1	0.21	2.8
N811940		2.60	0.010	3.71	8.18	18.2	6730	1.50	142.5	2.91	0.84	45.2	8.2	12	26.9	49.8
N811941		2.57	0.011	0.83	7.02	83.9	3040	1.76	1.36	4.00	1.08	46.2	8.7	10	24.4	9.1
N811942		2.83	<0.005	0.09	7.07	8.3	1960	1.42	0.75	2.85	0.23	43.2	8.1	15	17.45	9.8
N811943		8.01	<0.005	0.11	6.92	7.0	2080	1.46	0.61	2.80	0.10	46.6	9.1	18	8.55	9.5
N811944		0.26	0.826	9.54	6.47	1785	1680	1.52	6.73	1.88	40.5	42.3	17.8	19	15.70	111.5
N811945		5.19	<0.005	0.07	7.08	6.4	2190	1.50	0.40	2.79	0.14	48.4	9.2	19	8.12	14.7
N811946		4.65	<0.005	0.05	7.21	9.9	2130	1.48	0.13	3.09	0.12	45.4	9.3	16	9.55	10.8
N811947		3.68	<0.005	0.02	7.12	4.9	2250	1.33	0.11	2.88	0.11	47.3	9.0	18	7.08	7.8
N811948		1.32	<0.005	0.02	7.33	5.6	2390	1.49	0.12	2.91	0.11	47.6	9.9	21	7.59	10.1
N811949		6.47	<0.005	0.05	7.24	5.2	2230	1.53	0.12	3.24	0.12	44.6	8.9	17	10.60	8.1
N811950		2.59	<0.005	0.06	8.04	11.0	1870	1.37	0.17	3.22	0.10	37.5	6.9	21	12.15	7.1
N811951		3.04	<0.005	0.08	7.08	17.0	3280	1.53	0.52	3.63	0.10	46.7	9.6	13	11.65	15.1
N811952		5.60	<0.005	0.29	7.66	17.5	2100	1.53	0.77	3.50	0.20	51.2	10.2	14	13.95	31.6
N811953		2.51	<0.005	0.57	6.99	55.3	2610	1.38	1.62	4.12	0.23	54.0	17.4	10	13.55	22.1
N811954		2.61	<0.005	0.11	8.06	15.2	2410	1.31	0.69	2.34	0.08	45.3	10.6	15	9.97	13.0
N811955		5.95	<0.005	0.03	7.49	5.9	2170	1.53	0.17	2.93	0.10	50.8	10.0	14	9.21	7.9
N811956		4.84	0.015	0.56	7.04	31.5	2190	1.43	1.06	2.65	0.11	49.4	14.0	18	7.44	19.6



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**CERTIFICATE OF ANALYSIS WH12193448**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811921		4.40	14.25	0.16	1.0	0.202	2.65	24.3	23.6	1.09	4190	2.61	0.08	7.1	3.2	490
N811922		3.10	17.25	0.16	1.2	0.049	2.64	23.8	24.9	0.62	703	3.63	0.88	8.4	3.2	640
N811923		3.21	16.05	0.14	1.1	0.050	2.57	20.4	56.6	0.67	1630	2.74	0.19	8.1	3.2	620
N811924		3.33	15.80	0.15	1.2	0.054	2.77	28.8	11.1	0.92	653	13.25	2.31	8.4	3.9	680
N811925		3.19	15.45	0.15	1.2	0.072	2.73	22.2	26.9	0.81	1240	5.71	1.45	8.1	3.2	610
N811926		3.06	15.85	0.13	1.2	0.056	2.58	23.6	11.5	0.85	649	4.41	2.27	8.3	3.2	630
N811927		8.00	12.60	0.20	1.1	4.78	2.34	17.5	30.9	0.63	3150	14.80	0.09	5.6	15.3	440
N811928		3.10	16.60	0.13	1.1	0.065	2.64	20.6	40.4	0.74	709	2.67	1.69	8.7	3.6	650
N811929		3.34	16.30	0.16	1.2	0.059	2.79	26.9	16.3	0.91	592	2.63	2.37	8.7	3.3	650
N811930		3.19	15.70	0.11	1.1	0.059	2.73	28.2	15.1	0.89	545	2.52	2.24	8.0	4.9	640
N811931		3.00	16.55	0.13	1.2	0.077	2.92	30.6	30.2	0.71	744	4.35	1.17	8.0	3.9	630
N811932		4.50	12.40	0.10	0.8	0.177	2.59	21.2	19.3	1.43	5440	2.94	0.09	5.6	3.7	440
N811933		0.48	0.30	0.09	<0.1	0.007	0.04	0.8	1.4	12.50	205	0.24	0.01	0.3	2.5	230
N811934		2.82	15.50	0.14	1.2	0.047	2.80	20.2	41.3	0.73	717	1.96	1.50	8.0	3.1	590
N811935		3.88	15.10	0.13	1.1	0.177	2.56	28.7	39.6	1.17	4140	1.82	0.17	7.2	3.3	520
N811936		3.16	15.35	0.12	1.1	0.039	2.61	25.1	13.6	0.89	671	2.40	2.20	8.0	3.7	670
N811937		3.09	16.35	0.12	1.2	0.053	2.67	21.6	56.7	0.81	710	2.59	1.73	8.1	3.7	610
N811938		3.47	14.85	0.14	0.6	0.090	2.45	24.6	52.4	1.69	3650	2.09	0.04	6.5	2.7	480
N811939		0.50	0.23	0.15	<0.1	0.006	0.03	0.6	1.3	13.05	214	0.18	0.01	0.2	1.8	210
N811940		3.20	18.65	0.16	1.0	0.043	3.05	22.5	44.1	1.00	1110	2.48	0.08	8.4	4.5	620
N811941		3.06	16.50	0.20	0.9	0.079	2.67	24.2	25.9	1.19	2220	2.08	0.05	7.2	2.9	520
N811942		3.00	17.05	0.18	1.1	0.060	2.43	20.2	26.3	0.78	729	2.74	1.85	8.8	2.8	620
N811943		2.98	17.85	0.21	1.1	0.045	2.47	22.0	15.2	0.84	657	3.48	2.11	9.0	3.3	600
N811944		5.11	15.70	0.18	1.4	0.911	2.79	21.3	25.3	0.70	1980	12.80	0.26	7.8	15.9	490
N811945		3.07	17.85	0.20	1.1	0.048	2.54	22.1	16.8	0.91	633	3.51	2.30	9.3	3.3	650
N811946		3.09	18.40	0.21	1.1	0.052	2.46	21.4	21.2	0.82	703	5.29	1.75	8.9	4.1	640
N811947		3.07	17.30	0.20	1.1	0.043	2.46	22.3	15.1	0.89	656	4.08	2.22	8.7	3.4	640
N811948		3.21	18.50	0.22	1.1	0.046	2.64	22.9	15.6	0.94	679	3.76	2.31	9.2	3.6	670
N811949		3.14	16.40	0.14	1.0	0.045	2.44	21.1	14.2	0.87	744	4.00	2.19	8.8	3.1	650
N811950		2.82	20.7	0.20	1.0	0.048	2.72	17.1	27.8	0.59	650	3.06	0.77	8.6	3.0	650
N811951		3.44	18.35	0.22	0.9	0.102	2.32	22.5	24.3	0.87	1060	3.48	1.63	8.7	3.5	620
N811952		3.29	18.40	0.22	1.0	0.055	2.97	24.4	22.2	0.85	686	2.62	1.49	9.0	3.5	690
N811953		2.98	18.50	0.23	0.9	0.113	2.39	27.1	21.6	0.84	1060	4.06	0.95	7.8	3.9	560
N811954		3.13	19.15	0.21	1.1	0.073	2.94	21.8	22.1	0.80	635	2.30	0.88	8.3	3.3	640
N811955		3.20	17.95	0.25	1.3	0.048	2.60	24.4	17.3	0.82	604	1.71	2.15	9.0	3.4	660
N811956		3.45	17.75	0.22	1.1	0.069	2.64	24.1	14.1	0.89	782	2.70	1.86	8.7	4.0	600



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**CERTIFICATE OF ANALYSIS WH12193448**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811921		2770	139.5	<0.002	1.58	34.3	10.0	1	2.4	121.5	0.64	<0.05	12.0	0.224	2.09	5.4
N811922		21.4	93.2	<0.002	0.05	10.85	12.0	1	2.4	204	0.71	<0.05	12.9	0.286	1.29	2.6
N811923		40.8	82.5	<0.002	0.41	16.50	11.4	1	2.4	173.5	0.65	<0.05	10.6	0.276	1.86	4.2
N811924		16.7	103.5	<0.002	0.02	2.35	13.2	2	2.4	418	0.66	<0.05	14.2	0.293	1.14	2.4
N811925		16.5	108.5	0.002	0.23	4.27	11.1	1	2.9	289	0.68	<0.05	11.5	0.266	1.68	5.0
N811926		18.5	86.9	<0.002	0.03	1.78	12.4	2	3.0	405	0.66	<0.05	12.5	0.272	1.19	2.4
N811927		9980	130.0	0.002	7.00	217	7.5	2	8.1	121.0	0.44	0.50	9.2	0.184	2.16	5.5
N811928		24.1	95.5	<0.002	0.11	7.72	12.0	1	4.3	327	0.73	0.05	10.7	0.297	1.55	4.3
N811929		17.3	102.5	<0.002	0.04	1.84	12.6	1	4.0	415	0.76	<0.05	14.4	0.285	1.28	3.7
N811930		18.1	115.5	<0.002	0.04	1.62	10.9	<1	3.9	398	0.68	0.06	14.0	0.276	1.20	3.7
N811931		41.4	139.0	0.002	0.15	21.0	11.2	<1	4.2	216	0.75	0.10	13.7	0.280	1.66	3.7
N811932		208	150.5	0.002	2.21	24.0	8.3	<1	2.8	121.5	0.42	<0.05	9.5	0.192	2.19	4.2
N811933		2.2	2.4	<0.002	0.01	0.19	0.3	<1	<0.2	48.1	<0.05	<0.05	0.2	0.005	0.02	0.8
N811934		17.8	99.1	<0.002	0.07	5.84	9.6	1	2.5	301	0.71	<0.05	11.4	0.264	1.49	3.1
N811935		93.4	138.0	<0.002	0.63	18.15	9.9	<1	2.4	129.0	0.60	<0.05	13.4	0.228	1.86	5.7
N811936		17.1	101.0	<0.002	0.03	1.19	11.3	<1	1.5	397	0.67	<0.05	13.1	0.276	1.02	3.8
N811937		22.6	96.6	0.003	0.13	3.93	10.2	<1	1.5	351	0.61	<0.05	11.8	0.266	1.30	3.7
N811938		146.0	123.0	<0.002	0.65	34.5	9.6	1	1.9	226	0.51	<0.05	11.8	0.229	1.99	4.7
N811939		1.7	1.4	0.002	0.01	0.13	0.1	<1	0.2	45.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N811940		179.5	126.5	<0.002	0.24	15.50	12.2	2	2.5	161.0	0.67	1.15	11.5	0.291	1.98	3.4
N811941		138.0	142.0	<0.002	0.65	16.30	10.9	1	1.9	162.5	0.55	0.07	11.1	0.238	2.35	7.2
N811942		19.0	96.5	<0.002	0.04	6.75	13.1	1	2.2	333	0.71	<0.05	11.4	0.290	1.21	3.6
N811943		19.4	96.6	<0.002	0.03	1.57	12.6	2	1.8	369	0.73	<0.05	10.9	0.275	1.09	3.8
N811944		1370	160.0	0.002	3.12	34.7	9.2	2	6.1	151.5	0.66	0.39	10.7	0.210	2.47	4.7
N811945		18.8	96.9	<0.002	0.02	1.52	13.3	2	2.0	400	0.75	<0.05	10.8	0.281	1.01	3.7
N811946		17.7	96.7	<0.002	0.05	2.36	13.8	1	1.7	351	0.69	<0.05	10.0	0.278	1.02	4.4
N811947		16.7	93.2	<0.002	0.02	1.13	13.1	2	1.6	412	0.68	<0.05	10.5	0.279	0.94	3.2
N811948		17.5	99.6	<0.002	0.03	1.25	13.7	2	1.9	422	0.71	<0.05	10.6	0.293	0.97	3.6
N811949		18.1	93.6	<0.002	0.05	1.72	12.7	1	1.8	416	0.67	<0.05	9.9	0.289	0.91	3.8
N811950		16.9	92.5	<0.002	0.06	7.40	12.4	1	1.7	220	0.69	<0.05	9.0	0.298	1.09	3.7
N811951		13.6	107.5	<0.002	0.16	10.90	12.9	2	1.7	285	0.64	<0.05	9.6	0.273	1.26	4.4
N811952		19.2	125.5	<0.002	0.20	11.45	14.1	2	1.8	383	0.67	<0.05	10.3	0.313	1.46	4.4
N811953		55.1	112.0	<0.002	0.48	13.35	12.5	2	2.0	267	0.61	0.14	11.2	0.244	1.48	4.2
N811954		16.0	110.0	<0.002	0.11	5.69	12.1	2	1.7	240	0.67	<0.05	11.9	0.264	1.35	2.6
N811955		18.6	100.5	<0.002	0.02	2.39	13.4	2	1.8	410	0.74	<0.05	13.1	0.284	0.96	3.2
N811956		18.0	109.0	<0.002	0.46	3.63	12.4	2	1.6	340	0.69	<0.05	12.3	0.266	1.21	4.5



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**CERTIFICATE OF ANALYSIS WH12193448**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811921		68	3.2	16.5	1510	22.1	18	
N811922		81	2.6	16.2	69	27.6	<1	
N811923		84	2.5	16.0	209	24.0	<1	
N811924		83	1.1	18.1	51	26.3	<1	
N811925		75	1.9	15.4	47	25.2	<1	
N811926		79	1.3	16.8	49	26.9	<1	
N811927		54	4.5	9.9	>10000	32.6	116	1.550
N811928		83	2.6	15.7	68	25.9	<1	
N811929		83	1.6	17.7	52	27.8	<1	
N811930		76	1.4	16.8	46	24.6	<1	
N811931		78	3.0	16.7	67	25.5	<1	
N811932		58	3.1	14.2	157	18.4	1	
N811933		2	0.1	0.9	18	<0.5	<1	
N811934		74	2.1	13.8	52	25.3	<1	
N811935		64	2.9	16.0	92	25.1	<1	
N811936		79	1.6	17.2	55	23.5	<1	
N811937		74	1.7	15.2	57	26.0	<1	
N811938		68	4.1	16.8	332	19.6	2	
N811939		2	0.1	0.8	14	<0.5	<1	
N811940		83	4.7	17.2	145	26.9	3	
N811941		69	3.6	16.2	134	21.6	<1	
N811942		87	2.1	16.8	70	24.8	<1	
N811943		78	3.2	17.7	55	25.2	<1	
N811944		59	5.5	11.8	2990	39.8	9	
N811945		80	1.9	18.4	51	25.3	<1	
N811946		81	2.6	17.8	50	26.2	<1	
N811947		80	2.0	17.9	47	24.5	<1	
N811948		84	2.2	18.6	49	25.0	<1	
N811949		82	2.2	18.4	52	24.1	<1	
N811950		84	3.2	15.5	41	24.5	<1	
N811951		75	2.9	18.6	57	20.8	<1	
N811952		90	3.6	20.7	59	24.3	<1	
N811953		76	3.3	20.5	82	21.0	<1	
N811954		78	2.9	14.9	54	25.8	<1	
N811955		82	2.6	18.0	52	29.7	<1	
N811956		76	2.2	17.1	52	25.7	<1	



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**CERTIFICATE OF ANALYSIS WH12193448**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12193449**

Project: Klaza - 109

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
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Plus Appendix Pages  
Finalized Date: 5-SEP-2012  
Account: ROCKHA

Project: Klaza - 109

**CERTIFICATE OF ANALYSIS WH12193449**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811957		4.87	<0.005	0.11	7.01	7.6	2350	1.46	0.23	2.80	0.10	44.7	8.5	14	6.21	7.3
N811958		3.37	0.006	0.21	6.91	20.8	2220	1.42	0.84	2.96	0.11	47.1	14.8	14	6.72	11.1
N811959		4.21	<0.005	0.09	7.13	6.4	2140	1.48	0.20	3.08	0.09	43.8	9.4	16	7.62	4.6
N811960		1.80	<0.005	0.08	6.91	7.3	2100	1.53	0.19	2.94	0.09	40.9	9.6	14	7.72	8.2
N811961		4.68	<0.005	0.10	6.86	4.6	2210	1.65	0.09	2.91	0.09	42.1	9.3	19	9.15	6.1
N811962		2.49	<0.005	0.10	7.16	6.8	2140	1.64	0.05	2.49	0.09	42.2	8.9	13	16.20	8.7
N811963		6.53	<0.005	0.06	7.16	4.6	2240	1.64	0.06	3.01	0.08	46.2	8.8	15	9.45	6.5
N811964		5.44	<0.005	0.07	7.06	3.7	2220	1.64	0.04	2.96	0.09	46.1	8.4	12	8.09	5.7
N811965		1.93	<0.005	0.13	6.76	8.0	1880	1.64	0.14	2.99	0.12	39.8	8.3	13	11.50	8.0
N811966		7.03	<0.005	0.06	6.93	3.3	2160	1.69	0.04	2.80	0.10	45.2	8.5	14	8.89	5.2
N811967		0.26	0.777	10.15	6.51	1835	430	1.59	5.54	1.96	43.5	43.3	17.8	19	18.15	110.0
N811968		2.82	<0.005	0.07	6.80	5.8	2110	1.67	0.05	2.90	0.12	43.1	8.6	16	8.90	5.5
N811969		4.28	<0.005	0.06	6.97	5.2	2080	1.55	0.05	2.66	0.08	43.9	9.1	12	7.91	4.5
N811970		5.73	<0.005	0.06	7.21	4.6	2110	1.46	0.08	2.82	0.07	42.2	7.4	19	6.63	9.6
N811971		2.43	<0.005	0.30	6.97	19.6	1870	1.47	0.22	3.40	0.74	40.0	6.2	10	9.41	15.7
N811972		2.60	<0.005	0.02	0.06	<5	20	<0.05	0.05	21.1	0.08	1.14	0.6	<1	0.16	2.2
N811973		8.66	<0.005	0.07	7.25	4.0	2120	1.42	0.10	2.98	0.14	41.4	7.3	12	8.41	6.4
N811974		7.81	<0.005	0.07	7.60	4.3	2250	1.42	0.08	2.86	0.10	44.8	7.6	17	8.90	8.9
N811975		8.64	<0.005	0.07	7.41	3.9	2300	1.40	0.07	2.95	0.10	41.9	8.0	13	7.73	8.6
N811976		<0.02	<0.005	0.06	7.17	4.3	2280	1.47	0.07	2.93	0.11	39.4	7.9	15	7.46	8.5
N811977		6.33	<0.005	0.06	7.17	3.2	2290	1.39	0.07	3.21	0.07	37.7	7.3	12	7.91	7.7
N811978		2.59	<0.005	0.06	7.37	3.4	2330	1.55	0.07	2.99	0.11	41.9	8.2	16	10.30	9.8
N811979		3.03	<0.005	0.05	7.19	2.5	2270	1.23	0.07	2.74	0.06	35.1	7.6	12	10.20	10.8
N811980		4.43	<0.005	0.05	7.90	4.2	2540	1.54	0.08	3.08	0.09	45.7	8.5	16	8.91	8.4
N811981		2.34	<0.005	0.07	7.41	7.4	2180	1.27	0.14	3.33	0.12	37.0	8.8	12	9.64	7.1
N811982		8.02	<0.005	0.07	7.73	6.1	2400	1.58	0.11	3.12	0.11	45.5	9.4	14	9.93	8.8
N811983		0.26	2.39	26.5	6.19	3480	290	1.37	20.7	2.33	82.9	45.1	10.8	18	14.75	459
N811984		7.86	<0.005	0.14	7.79	4.3	2380	1.40	0.10	3.04	0.13	46.4	8.3	12	8.70	9.0
N811985		4.30	<0.005	0.11	6.90	9.5	2310	1.36	0.13	3.85	0.14	37.1	8.7	9	10.85	11.3
N811986		3.12	<0.005	0.09	7.22	3.3	2180	1.40	0.10	3.03	0.11	38.2	8.7	11	7.24	13.7
N811987		5.02	<0.005	0.09	7.23	4.9	2240	1.38	0.12	2.73	0.13	43.2	8.0	15	7.05	46.1
N811988		2.39	<0.005	0.07	6.91	7.0	2140	1.36	0.15	2.84	0.12	39.8	7.4	13	8.32	14.7
N811989		8.14	<0.005	0.07	7.14	5.6	2220	1.44	0.09	3.05	0.10	39.4	8.8	14	7.45	9.1
N811990		4.67	<0.005	0.07	7.02	4.6	1950	1.30	0.11	2.89	0.09	37.7	7.4	10	12.30	13.6
N811991		3.70	<0.005	0.09	6.75	9.3	1810	1.37	0.09	3.61	0.11	36.6	8.0	17	17.15	10.4
N811992		2.52	<0.005	0.02	0.08	<5	30	0.05	0.04	19.90	0.07	1.31	0.6	<1	0.37	2.1



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

Project: Klaza - 109

**CERTIFICATE OF ANALYSIS WH12193449**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811957		3.09	17.20	0.18	0.9	0.050	2.60	20.5	10.7	0.90	647	3.90	2.25	8.4	3.2	620
N811958		3.58	17.95	0.19	1.0	0.070	2.64	21.8	12.2	0.93	771	3.80	1.98	8.7	3.5	620
N811959		3.27	17.70	0.18	1.1	0.059	2.39	19.1	16.2	0.97	690	2.54	2.43	9.3	3.4	670
N811960		3.26	17.25	0.20	1.0	0.056	2.35	17.8	15.9	0.96	675	2.65	2.31	8.9	3.4	630
N811961		3.10	17.35	0.18	1.1	0.042	2.47	18.5	15.9	0.90	678	2.47	2.30	9.0	3.6	650
N811962		3.07	17.20	0.19	1.1	0.044	2.54	19.1	15.1	0.74	556	2.04	2.08	9.0	3.2	660
N811963		3.17	17.75	0.20	1.1	0.040	2.68	20.9	15.7	0.89	643	2.14	2.34	9.1	3.3	670
N811964		3.08	17.20	0.20	1.1	0.041	2.65	20.2	14.9	0.90	691	3.23	2.39	9.1	3.3	630
N811965		3.00	16.95	0.20	1.2	0.049	2.56	17.6	16.4	0.82	754	3.40	1.84	9.3	2.9	590
N811966		2.97	17.10	0.20	1.2	0.033	2.53	19.9	17.3	0.86	658	2.54	2.35	9.0	3.4	610
N811967		5.21	15.75	0.20	1.2	0.946	2.96	21.4	23.3	0.70	2040	13.30	0.28	8.0	16.8	510
N811968		2.96	16.60	0.18	1.2	0.035	2.62	19.1	15.0	0.83	695	2.47	2.26	8.6	3.1	600
N811969		2.92	16.30	0.20	1.1	0.039	2.57	20.2	16.8	0.88	607	2.18	2.33	8.3	3.2	610
N811970		2.95	15.30	0.12	1.3	0.041	2.52	20.3	17.8	0.89	634	2.08	2.23	7.6	4.3	620
N811971		2.81	15.00	0.12	1.3	0.048	2.76	19.3	13.4	0.72	1130	1.61	1.72	7.7	2.8	540
N811972		0.49	0.18	0.10	<0.1	0.008	0.02	0.5	1.0	12.70	223	0.13	0.01	0.1	1.5	160
N811973		3.08	15.70	0.12	1.2	0.042	2.47	20.2	20.2	0.82	697	1.39	2.10	7.6	2.9	600
N811974		3.25	15.75	0.14	1.2	0.047	2.51	22.0	18.2	0.96	675	1.50	2.37	7.9	2.9	650
N811975		3.16	16.90	0.14	1.1	0.045	2.46	18.7	17.0	0.96	680	1.49	2.35	8.1	3.0	640
N811976		3.17	16.55	0.12	1.2	0.038	2.44	18.1	16.5	0.94	681	1.61	2.37	7.9	3.0	640
N811977		3.15	15.45	0.10	1.1	0.035	2.41	17.0	13.7	0.93	730	6.88	2.31	7.4	2.8	640
N811978		3.12	16.85	0.13	1.2	0.041	2.43	18.3	20.0	0.88	681	2.58	2.26	8.2	3.1	640
N811979		3.18	15.20	0.09	1.0	0.041	2.41	16.9	27.2	0.97	617	1.53	1.90	7.4	2.6	640
N811980		3.41	16.80	0.11	1.2	0.043	2.63	22.7	18.7	1.06	735	1.84	2.50	8.2	3.3	690
N811981		3.35	16.40	0.13	1.1	0.052	2.48	16.7	17.7	0.92	716	1.45	2.21	7.6	3.0	650
N811982		3.28	17.75	0.12	1.2	0.043	2.48	22.9	22.8	1.06	735	1.72	2.31	8.5	3.1	650
N811983		6.74	14.80	0.10	1.0	1.870	2.68	25.0	24.3	0.95	2010	13.10	0.05	6.1	16.3	450
N811984		3.31	16.55	0.12	1.1	0.045	2.53	21.6	18.2	1.04	739	1.56	2.34	8.0	3.1	670
N811985		2.85	15.45	0.13	1.2	0.037	2.25	17.7	21.8	0.82	775	1.30	1.83	8.0	3.0	580
N811986		3.27	17.00	0.11	1.1	0.039	2.24	16.9	20.1	0.94	680	1.97	2.28	8.4	3.8	670
N811987		3.19	15.75	0.12	1.1	0.043	2.44	19.8	18.1	1.00	670	4.02	2.27	7.9	15.5	670
N811988		3.03	16.70	0.11	1.0	0.047	2.29	18.2	17.9	0.89	602	1.84	2.14	7.8	2.9	620
N811989		3.26	16.75	0.09	1.0	0.045	2.36	17.8	18.2	0.94	689	1.71	2.34	8.0	3.5	650
N811990		2.90	15.15	0.12	1.0	0.050	2.28	18.3	16.7	0.74	534	1.98	1.96	7.4	2.9	620
N811991		2.85	15.80	0.12	1.0	0.052	2.25	17.8	21.3	0.82	652	2.24	1.43	8.0	3.1	630
N811992		0.46	0.24	0.11	<0.1	0.007	0.03	0.6	1.3	11.80	204	0.10	0.01	0.2	1.4	170



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**CERTIFICATE OF ANALYSIS WH12193449**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811957		16.6	87.0	<0.002	0.07	1.53	11.4	1	1.5	411	0.59	<0.05	11.1	0.274	0.91	3.3
N811958		18.2	93.9	<0.002	0.35	2.32	11.8	2	1.7	357	0.64	<0.05	11.8	0.280	1.07	4.0
N811959		15.2	83.7	<0.002	0.03	1.83	12.5	1	1.9	429	0.72	<0.05	10.5	0.291	0.86	3.3
N811960		15.5	81.9	<0.002	0.04	1.98	12.1	1	1.9	410	0.67	<0.05	10.1	0.288	0.86	2.9
N811961		16.0	86.5	<0.002	0.03	1.43	11.3	1	1.6	431	0.71	<0.05	10.5	0.280	0.85	2.9
N811962		15.0	99.0	<0.002	0.05	2.99	11.8	1	3.2	426	0.67	<0.05	10.9	0.296	0.94	4.2
N811963		16.3	96.0	<0.002	0.01	1.63	11.9	2	1.6	430	0.67	<0.05	12.1	0.293	0.92	3.6
N811964		16.0	92.1	<0.002	<0.01	1.13	11.0	1	1.6	427	0.72	<0.05	11.8	0.278	0.83	3.5
N811965		16.5	94.0	<0.002	0.09	2.15	10.3	1	1.6	357	0.88	<0.05	11.1	0.264	0.98	6.5
N811966		16.3	91.7	<0.002	0.01	0.93	10.7	1	1.5	430	0.76	<0.05	11.5	0.268	0.84	3.6
N811967		1450	156.5	<0.002	3.19	35.9	9.1	2	6.1	152.5	0.60	0.34	11.1	0.212	2.33	5.0
N811968		16.8	90.8	<0.002	0.03	1.60	10.4	1	1.4	389	0.69	<0.05	10.8	0.269	0.90	4.6
N811969		14.7	95.5	<0.002	0.01	1.10	10.5	1	1.4	411	0.64	<0.05	11.4	0.266	0.85	3.5
N811970		18.9	95.7	<0.002	0.02	0.80	10.5	1	1.4	408	0.67	<0.05	11.9	0.268	0.84	4.2
N811971		35.6	116.5	<0.002	0.19	4.10	9.8	1	1.4	336	0.75	<0.05	12.9	0.251	1.19	6.0
N811972		2.1	1.3	<0.002	<0.01	0.12	0.2	<1	0.3	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N811973		18.7	90.1	<0.002	0.02	1.02	10.7	1	1.5	395	0.64	<0.05	12.6	0.270	0.82	3.9
N811974		16.7	89.0	<0.002	0.01	0.85	11.6	<1	1.8	449	0.66	<0.05	12.7	0.293	0.85	3.6
N811975		16.5	86.8	<0.002	<0.01	0.68	11.6	<1	1.8	445	0.65	<0.05	10.8	0.290	0.79	4.2
N811976		17.5	75.7	<0.002	0.01	0.68	10.8	<1	1.7	444	0.64	<0.05	10.4	0.288	0.83	4.0
N811977		16.7	72.5	<0.002	0.01	0.52	10.2	1	1.5	435	0.61	<0.05	9.7	0.284	0.81	3.7
N811978		16.4	88.8	<0.002	0.01	0.76	11.2	1	1.9	459	0.62	<0.05	10.2	0.290	0.83	3.2
N811979		15.9	80.8	<0.002	0.01	0.79	10.2	1	1.9	442	0.58	<0.05	9.9	0.289	0.83	3.6
N811980		17.0	90.7	<0.002	0.01	0.63	11.9	1	1.6	484	0.67	<0.05	11.7	0.310	0.89	3.7
N811981		16.7	82.9	<0.002	0.03	1.54	11.2	<1	1.5	409	0.61	<0.05	9.5	0.294	0.96	3.7
N811982		17.2	102.0	<0.002	0.02	0.75	12.5	1	1.6	460	0.65	<0.05	12.6	0.295	0.90	4.0
N811983		3000	175.5	0.002	4.92	93.3	8.7	<1	8.2	93.4	0.47	0.40	11.3	0.186	2.33	5.6
N811984		17.4	96.6	<0.002	0.01	0.73	12.5	1	1.6	439	0.61	<0.05	11.0	0.303	0.81	3.5
N811985		16.3	88.1	<0.002	0.08	3.43	10.4	1	1.7	371	0.68	<0.05	10.6	0.257	0.98	4.5
N811986		16.9	73.6	<0.002	0.02	1.10	12.4	1	1.9	431	0.59	<0.05	8.5	0.300	0.87	3.0
N811987		32.4	85.5	<0.002	0.01	0.76	11.3	1	1.5	414	0.64	<0.05	11.5	0.287	0.87	3.8
N811988		17.1	83.6	<0.002	0.05	1.32	11.8	1	1.5	402	0.58	<0.05	8.9	0.278	0.91	2.9
N811989		16.2	74.9	<0.002	0.01	0.85	11.7	1	1.5	434	0.58	<0.05	8.3	0.291	0.82	2.9
N811990		15.6	82.8	<0.002	0.04	1.43	11.2	1	1.4	392	0.55	<0.05	9.8	0.275	0.92	2.8
N811991		15.4	81.0	0.002	0.05	1.81	11.6	<1	1.6	389	0.57	<0.05	9.2	0.281	0.98	3.4
N811992		1.8	2.0	<0.002	<0.01	0.12	0.2	<1	0.3	48.0	<0.05	<0.05	0.2	<0.005	<0.02	0.7



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 Finalized Date: 5-SEP-2012  
 Account: ROCKHA

Project: Klaza - 109

**CERTIFICATE OF ANALYSIS WH12193449**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811957		78	1.7	15.0	49	23.9	<1
N811958		79	2.1	14.8	53	24.7	<1
N811959		88	2.3	16.2	52	27.3	<1
N811960		86	3.0	15.3	50	25.3	<1
N811961		80	1.9	15.7	50	27.5	<1
N811962		88	2.5	13.0	49	26.7	<1
N811963		83	2.3	15.8	49	27.9	<1
N811964		80	3.6	15.9	47	29.5	<1
N811965		74	2.8	14.9	50	28.6	<1
N811966		75	3.5	15.6	48	31.2	<1
N811967		60	5.3	10.8	3130	37.6	9
N811968		77	2.6	14.8	48	31.1	<1
N811969		74	2.5	15.0	44	30.7	<1
N811970		75	1.5	15.8	49	29.8	<1
N811971		69	1.8	16.1	157	25.7	<1
N811972		<1	0.1	0.9	14	<0.5	<1
N811973		75	1.8	15.5	57	28.1	<1
N811974		83	1.8	16.1	52	26.3	<1
N811975		81	2.5	16.4	52	24.6	<1
N811976		81	2.4	15.3	52	24.3	<1
N811977		81	2.6	14.7	53	21.5	<1
N811978		81	2.6	15.4	53	26.7	<1
N811979		81	4.1	13.7	53	21.6	<1
N811980		87	1.8	17.2	54	26.0	<1
N811981		83	2.0	14.9	56	23.3	<1
N811982		81	2.1	18.2	54	24.9	<1
N811983		59	5.1	11.0	5700	25.6	24
N811984		85	2.0	17.7	59	23.5	<1
N811985		72	2.4	16.2	49	25.1	<1
N811986		87	4.4	15.6	53	23.8	<1
N811987		83	1.8	16.7	59	23.8	<1
N811988		80	1.7	15.9	46	22.6	<1
N811989		84	1.9	15.7	50	22.7	<1
N811990		79	2.4	13.9	45	20.8	<1
N811991		83	3.3	13.8	46	22.1	<1
N811992		<1	0.1	0.9	13	<0.5	<1



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**CERTIFICATE OF ANALYSIS WH12193449**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12194250**

Project: Klaza - 110

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12194250**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355632		5.93	0.111	1.25	6.95	48.2	2290	1.38	1.32	0.47	0.88	46.3	3.6	7	9.98	60.3
M355633		3.73	0.090	5.72	6.12	36.4	2310	1.15	1.44	0.51	0.54	38.8	4.2	7	8.77	62.8
M355634		6.04	0.034	0.40	6.85	23.8	1720	1.44	1.09	0.99	1.15	53.5	6.9	13	10.45	48.8
M355635		5.59	0.019	0.41	7.10	17.1	2660	1.28	0.67	0.60	0.41	41.6	4.1	8	12.35	46.0
M355636		8.78	0.106	2.74	7.04	78.0	2060	1.44	2.68	0.26	0.41	51.3	4.4	8	13.40	97.4
M355637		3.06	0.093	0.76	7.52	74.5	1910	1.36	1.73	0.03	0.30	38.4	5.3	7	11.10	80.2
M355638		3.75	0.118	1.05	7.46	78.6	2260	1.33	2.10	0.03	0.27	48.2	5.1	7	12.60	50.2
M355639		0.26	2.29	23.9	5.61	3180	260	1.12	19.80	2.12	74.8	39.9	9.8	16	13.45	416
M355640		3.90	0.082	0.97	7.36	114.5	2140	1.82	0.94	0.04	0.80	42.0	7.4	7	19.90	142.5
M355641		2.54	0.063	0.72	5.08	46.9	1100	0.96	0.85	0.07	0.41	50.8	6.1	8	10.40	122.5
M355642		2.68	0.158	0.42	7.69	58.4	1450	1.57	1.19	0.38	4.18	56.6	8.5	8	13.00	391
M355643		4.15	0.265	0.60	7.37	38.9	620	1.59	1.71	1.35	4.59	55.2	14.5	8	12.85	98.7
M355644		2.29	<0.005	0.04	0.08	<5	20	<0.05	0.04	20.7	0.09	1.23	0.6	<1	0.17	3.0
M355645		3.69	0.042	0.25	7.60	16.3	2030	1.53	1.07	1.83	3.06	48.7	8.5	10	12.90	63.3
M355646		<0.02	0.043	0.26	7.46	16.2	1960	1.66	1.14	1.80	3.12	53.2	8.8	9	13.20	61.2
M355647		2.38	0.052	0.24	7.72	23.4	2440	1.58	0.60	0.96	4.63	53.9	9.9	8	14.25	138.5
M355648		2.04	0.126	0.30	7.07	20.7	1870	1.42	0.62	0.56	6.14	48.0	14.3	7	12.70	121.0
M355649		2.51	0.271	0.79	7.55	50.1	1960	1.68	1.26	1.29	7.99	63.2	17.9	8	14.65	166.0
M355650		3.60	0.422	1.73	7.65	88.9	740	1.79	3.00	0.37	6.09	86.1	12.1	8	14.00	335
M355651		2.75	<0.005	0.01	0.05	<5	20	0.05	0.03	20.5	0.09	1.31	1.2	<1	0.15	3.1
M355652		2.57	0.198	0.76	7.67	83.9	2380	1.79	1.19	0.48	10.30	64.7	13.3	8	16.85	198.0
M355653		2.20	0.512	2.61	7.60	228	720	1.58	3.40	0.38	7.39	65.8	9.1	8	13.85	237
M355654		6.13	0.156	0.83	7.55	54.5	2220	1.67	1.17	1.37	10.05	56.9	12.8	8	15.15	99.9
M355655		3.14	0.221	1.30	7.50	82.9	850	1.70	1.79	0.63	26.2	56.9	7.2	8	16.25	69.4
M355656		2.61	0.046	0.44	7.30	24.9	2470	1.71	0.62	2.06	1.94	47.4	7.3	11	14.80	29.9
M355657		1.26	0.043	0.37	7.54	22.1	2420	1.61	0.55	2.39	1.11	45.5	6.6	8	13.15	27.0
M355658		2.55	0.671	1.17	7.07	37.1	2040	1.47	1.04	2.22	1.22	48.4	11.1	9	12.05	56.3
M355659		4.04	0.182	1.63	7.17	85.5	2180	1.51	1.07	2.22	13.55	48.4	7.9	10	12.15	38.7
M355660		3.40	1.390	7.64	6.82	98.6	350	1.34	2.92	1.79	32.7	64.4	7.1	9	9.62	247
M355661		0.26	2.38	26.4	5.90	3510	1130	1.30	18.55	2.28	84.9	46.3	11.7	19	16.15	447
M355662		2.42	0.118	1.29	7.11	55.9	1270	1.39	2.53	2.24	3.52	54.3	8.3	8	12.65	65.7
M355663		7.50	0.112	0.97	7.49	50.0	2190	1.58	1.44	1.82	6.45	49.5	6.6	11	14.35	70.2
M355664		3.92	0.137	0.45	6.72	55.0	650	1.40	1.33	1.78	0.78	37.7	18.8	11	13.65	33.6
M355665		4.99	0.311	6.30	7.20	57.3	440	1.59	139.5	2.00	2.79	52.9	12.4	8	14.60	425
M355666		2.27	0.140	1.59	5.14	77.4	420	1.11	2.93	0.55	2.72	32.9	25.0	8	10.70	110.0
M355667		3.07	0.181	1.43	7.12	89.0	400	1.65	3.11	1.62	4.74	52.0	24.9	9	14.15	71.9





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**CERTIFICATE OF ANALYSIS WH12194250**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355632		2.86	15.20	0.13	1.2	0.099	2.84	26.7	12.8	0.44	173	1.61	0.77	5.7	2.7	440
M355633		2.51	13.25	0.12	1.1	0.064	2.68	21.8	9.4	0.43	147	2.39	0.67	5.0	2.6	380
M355634		2.88	14.30	0.11	1.2	0.039	2.71	29.2	13.4	0.68	159	1.21	1.18	5.2	3.2	520
M355635		2.88	14.90	0.11	1.4	0.042	2.64	24.3	10.5	0.69	159	1.12	1.54	6.0	2.2	530
M355636		3.00	15.95	0.12	1.2	0.275	3.21	31.1	8.3	0.46	119	4.40	0.47	4.7	2.3	450
M355637		2.56	17.50	0.12	1.5	0.166	3.50	22.5	16.0	0.31	55	3.81	0.08	5.6	1.9	240
M355638		2.74	17.15	0.12	1.4	0.205	3.58	29.9	13.0	0.32	58	3.08	0.07	5.0	1.4	400
M355639		6.15	13.30	0.11	1.0	1.675	2.47	22.6	21.3	0.85	1820	11.85	0.04	5.4	15.0	420
M355640		4.35	17.10	0.12	1.5	0.315	3.53	24.3	12.8	0.50	119	1.50	0.15	5.4	2.4	740
M355641		2.71	11.05	0.11	0.8	0.201	1.96	32.3	13.7	0.22	62	1.11	0.09	3.7	2.6	410
M355642		3.07	15.90	0.13	1.2	0.168	3.00	30.9	12.9	0.47	424	0.61	0.81	6.6	3.3	580
M355643		3.58	16.40	0.12	1.1	0.210	3.14	31.5	9.4	0.70	535	1.19	1.00	5.6	2.5	510
M355644		0.49	0.20	0.11	<0.1	0.010	0.03	0.6	0.9	12.45	221	0.08	0.01	0.1	1.3	200
M355645		3.10	17.05	0.16	1.2	0.066	2.69	25.2	12.7	0.88	511	0.53	2.23	7.3	2.7	610
M355646		3.00	17.40	0.19	1.2	0.069	2.58	28.1	13.2	0.88	497	0.61	2.11	7.6	2.9	590
M355647		3.12	17.50	0.20	1.4	0.076	2.87	28.1	18.3	0.67	537	0.89	1.54	8.3	3.2	590
M355648		3.38	17.25	0.19	1.3	0.077	2.66	24.3	29.9	0.36	869	1.65	0.30	7.9	4.2	620
M355649		3.50	17.15	0.21	1.2	0.118	3.37	33.8	9.6	0.69	679	1.61	1.13	7.4	3.5	600
M355650		4.66	18.70	0.23	1.2	0.228	3.52	49.9	13.9	0.42	597	2.06	0.22	5.4	3.0	520
M355651		0.44	0.27	0.09	<0.1	<0.005	0.02	0.6	1.0	12.70	198	0.11	0.01	0.2	1.2	180
M355652		4.13	18.55	0.20	1.3	0.234	4.06	34.5	16.3	0.37	528	2.93	0.10	6.2	3.0	600
M355653		4.99	19.20	0.22	1.3	0.415	3.76	35.8	6.4	0.44	575	2.23	0.05	6.2	2.7	400
M355654		3.68	17.40	0.20	1.3	0.156	3.88	29.3	12.1	0.65	1050	3.36	0.77	7.1	3.2	610
M355655		4.20	17.80	0.21	1.2	0.772	3.79	30.8	7.4	0.54	1120	3.09	0.06	6.4	2.6	350
M355656		3.04	17.50	0.19	1.3	0.127	3.25	24.0	9.8	0.73	581	3.74	1.69	7.9	2.8	600
M355657		3.14	16.80	0.19	1.3	0.096	3.25	23.2	9.1	0.78	581	3.67	1.75	7.7	2.9	620
M355658		3.33	16.30	0.20	1.3	0.127	3.03	25.0	8.6	0.75	532	4.03	1.68	7.2	2.6	560
M355659		3.40	17.15	0.20	1.4	0.149	3.43	24.9	9.5	0.78	659	3.31	1.31	7.8	2.9	590
M355660		4.39	17.20	0.22	1.1	0.203	3.07	34.4	9.8	0.73	582	2.51	0.77	6.6	2.5	560
M355661		6.67	15.15	0.20	0.9	1.890	2.71	25.0	24.6	0.93	1960	14.00	0.04	6.3	16.5	450
M355662		3.80	17.15	0.19	1.2	0.139	3.14	28.7	10.4	0.83	570	1.42	1.29	7.4	2.7	580
M355663		3.04	17.55	0.18	1.3	0.129	3.18	25.2	17.0	0.73	601	1.04	1.45	8.2	2.5	630
M355664		2.79	14.60	0.18	1.0	0.066	3.41	20.2	11.3	0.53	326	3.65	0.82	5.9	2.9	520
M355665		3.88	17.55	0.22	1.2	0.253	3.35	28.2	13.5	0.85	534	0.90	1.01	6.3	2.7	560
M355666		3.79	12.60	0.17	0.9	0.076	2.60	17.7	13.7	0.52	298	5.35	0.07	3.4	3.3	430
M355667		3.98	16.65	0.19	1.4	0.100	3.83	27.6	9.2	0.61	520	1.91	0.54	5.4	2.5	570



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**CERTIFICATE OF ANALYSIS WH12194250**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M355632		37.1	156.0	<0.002	0.22	9.24	9.6	1	3.5	200	0.48	0.28	13.1	0.188	2.9
M355633		59.3	148.0	<0.002	0.49	7.03	8.3	<1	3.3	162.5	0.45	0.24	10.8	0.174	3.3
M355634		24.2	117.5	0.002	1.27	4.68	9.3	1	2.2	238	0.45	0.26	13.1	0.180	3.4
M355635		17.9	115.5	<0.002	0.67	3.44	9.2	<1	2.0	230	0.56	0.13	15.4	0.196	3.4
M355636		41.1	186.5	0.002	0.76	7.94	10.5	<1	2.5	131.0	0.39	0.23	14.3	0.171	3.1
M355637		30.0	174.0	<0.002	1.40	10.15	10.7	<1	1.8	65.2	0.47	0.18	13.2	0.173	2.7
M355638		35.5	198.5	<0.002	0.95	14.45	10.2	1	3.7	92.1	0.45	0.28	16.8	0.165	3.0
M355639		2740	157.0	0.002	4.48	83.4	8.0	1	7.3	83.4	0.44	0.33	10.9	0.168	5.5
M355640		111.0	214	<0.002	0.88	9.11	10.8	1	2.7	75.5	0.48	0.14	16.2	0.186	4.4
M355641		28.8	127.0	<0.002	0.91	21.7	7.9	<1	4.1	45.3	0.30	0.13	13.0	0.125	4.5
M355642		26.6	190.0	<0.002	1.62	11.60	11.8	1	4.0	87.5	0.59	0.24	17.1	0.227	4.2
M355643		119.0	191.5	<0.002	2.30	5.69	9.8	1	6.7	141.0	0.48	0.50	14.4	0.190	2.9
M355644		2.2	1.8	<0.002	0.01	0.18	0.2	<1	0.3	40.8	<0.05	<0.05	0.2	<0.005	0.5
M355645		33.3	111.0	<0.002	1.03	5.43	11.2	2	4.0	301	0.61	0.44	14.1	0.242	3.1
M355646		33.1	118.0	<0.002	0.99	5.44	11.8	2	4.0	291	0.61	0.53	15.5	0.236	3.4
M355647		28.5	117.0	<0.002	0.50	9.98	11.1	2	4.1	226	0.72	0.20	15.6	0.250	4.3
M355648		27.7	114.0	<0.002	1.33	21.4	11.3	2	4.8	79.6	0.64	0.22	13.6	0.245	5.3
M355649		53.9	166.0	<0.002	1.58	9.26	11.8	2	5.8	169.5	0.61	0.42	15.2	0.235	3.8
M355650		142.5	189.0	<0.002	2.44	24.9	12.3	2	9.6	99.4	0.46	0.60	15.1	0.191	6.9
M355651		2.1	1.4	<0.002	<0.01	0.08	0.2	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.7
M355652		66.9	219	<0.002	1.24	11.25	12.0	2	7.6	128.0	0.55	0.38	16.0	0.205	6.9
M355653		183.5	257	<0.002	3.27	7.21	12.0	2	10.1	40.5	0.56	0.30	15.8	0.197	5.5
M355654		107.0	202	<0.002	1.47	5.17	11.5	2	6.1	151.0	0.60	0.31	15.6	0.231	3.8
M355655		176.0	224	<0.002	2.67	9.82	11.0	2	8.9	42.3	0.53	0.28	14.3	0.211	4.5
M355656		54.2	135.5	<0.002	0.88	4.34	10.9	2	3.8	294	0.65	0.11	13.8	0.241	3.0
M355657		44.5	135.0	<0.002	0.83	3.74	10.6	2	4.0	300	0.64	0.10	13.6	0.251	2.7
M355658		105.0	131.5	<0.002	1.35	4.30	10.3	2	5.2	286	0.60	0.27	13.6	0.230	2.7
M355659		177.5	163.5	<0.002	1.32	7.39	11.0	2	5.0	228	0.64	0.28	13.4	0.250	3.5
M355660		1630	158.5	<0.002	3.04	9.24	10.9	2	10.0	128.5	0.51	0.52	13.3	0.213	3.8
M355661		2930	163.0	0.002	4.97	101.0	8.9	2	8.9	95.0	0.50	0.44	11.7	0.185	5.5
M355662		125.5	143.5	<0.002	1.99	4.93	10.8	2	5.8	201	0.61	0.36	13.2	0.241	4.2
M355663		151.0	141.5	<0.002	1.04	21.5	11.5	2	4.1	230	0.68	0.30	14.3	0.260	4.1
M355664		53.1	142.5	<0.002	1.91	6.13	9.1	2	3.2	154.0	0.49	0.21	12.0	0.203	3.7
M355665		194.5	151.5	<0.002	2.67	6.69	10.7	2	5.9	179.0	0.54	1.43	13.6	0.211	4.3
M355666		156.5	129.5	<0.002	2.94	10.55	7.9	2	2.4	43.0	0.30	0.45	9.7	0.115	2.8
M355667		193.0	187.0	<0.002	3.24	5.78	10.4	2	4.6	121.0	0.49	0.61	13.3	0.186	4.1



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Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12194250**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355632		63	9.7	10.5	141	30.6	5
M355633		60	27.4	9.2	107	25.7	4
M355634		63	1.6	14.7	97	29.2	<1
M355635		62	1.6	10.4	102	32.4	<1
M355636		82	3.3	9.2	197	30.0	3
M355637		86	3.7	8.1	86	39.1	<1
M355638		83	3.1	7.3	127	33.8	1
M355639		54	4.9	9.3	5170	22.9	26
M355640		68	1.8	11.9	369	36.8	1
M355641		46	1.6	11.5	159	19.2	1
M355642		64	2.4	20.1	348	29.1	<1
M355643		59	2.4	21.7	251	27.9	<1
M355644		<1	0.1	0.8	14	<0.5	<1
M355645		71	1.5	18.4	212	34.7	<1
M355646		68	1.6	19.4	203	36.7	<1
M355647		68	2.0	20.2	301	41.9	<1
M355648		67	2.7	19.6	383	39.2	<1
M355649		69	2.7	20.4	404	37.4	<1
M355650		72	4.4	21.8	441	36.3	2
M355651		1	0.1	0.9	13	<0.5	<1
M355652		67	2.6	20.6	497	38.9	1
M355653		67	6.6	16.2	379	40.3	2
M355654		69	2.5	20.6	731	38.7	<1
M355655		66	4.6	16.1	1390	37.4	1
M355656		69	1.7	15.6	221	41.8	<1
M355657		71	1.7	15.5	173	39.9	<1
M355658		65	2.0	15.2	118	40.5	<1
M355659		72	2.6	16.4	783	41.5	1
M355660		68	3.0	15.4	1240	35.9	7
M355661		58	5.6	11.1	5560	29.0	26
M355662		69	2.3	17.1	248	38.0	1
M355663		74	2.3	18.2	418	41.2	<1
M355664		72	2.0	12.8	78	31.8	<1
M355665		69	2.7	17.6	171	36.0	6
M355666		67	1.9	13.0	317	27.9	1
M355667		71	2.1	17.9	331	40.9	1



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**CERTIFICATE OF ANALYSIS WH12194250**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12194251**

Project: Klaza - 110

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12194251**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M355668		5.07	0.279	1.81	7.37	130.5	430	1.63	3.04	2.20	3.78	40.5	13.1	16	12.45	198.0
M355669		2.90	1.955	8.46	5.56	586	170	1.21	11.20	0.55	10.35	27.7	15.8	13	10.65	405
M355670		2.82	<0.005	0.22	0.06	<5	40	<0.05	0.03	20.4	0.06	0.98	0.5	<1	0.12	2.1
M355671		4.44	0.372	1.86	7.25	281	410	1.47	2.82	1.46	3.30	53.3	8.4	10	14.75	240
M355672		0.26	2.30	24.5	5.65	3320	110	1.21	17.15	2.09	73.4	39.6	9.4	16	12.70	431
M355673		6.30	0.396	4.42	4.75	98.8	280	1.15	7.66	0.57	3.83	32.9	20.5	21	7.75	197.0
M355674		5.61	0.081	1.06	6.91	45.1	1420	1.60	1.43	2.04	4.12	48.4	8.1	11	16.15	33.5
M355675		3.43	0.708	10.25	5.46	449	90	1.14	15.90	1.86	53.3	36.8	4.1	7	20.6	484
M355676		0.28	4.25	>100	5.08	7780	950	1.05	63.0	1.82	212	33.5	8.1	16	10.20	1225
M355677		7.51	1.515	3.69	6.67	350	300	1.36	6.18	1.90	8.11	50.3	5.8	9	13.30	359
M355678		3.28	0.242	2.09	7.19	157.0	610	1.72	3.46	2.02	3.87	58.5	7.6	10	18.85	170.5
M355679		3.90	4.81	39.1	5.69	513	260	1.39	91.7	0.12	136.0	40.9	12.2	10	7.37	1310
M355680		2.88	<0.005	0.19	0.05	<5	40	0.05	0.17	19.95	0.15	0.96	0.6	<1	0.18	3.0
M355681		5.07	0.369	1.87	7.02	166.0	320	1.45	4.81	1.24	4.53	51.3	7.9	11	12.45	83.9
M355682		4.15	0.017	0.36	7.04	15.9	2060	1.57	0.81	2.07	0.90	48.5	5.2	13	12.00	16.5
M355683		8.14	0.070	0.26	7.11	24.9	2080	1.63	0.63	2.23	0.49	47.7	6.0	13	10.10	16.9
M355684		7.34	0.016	0.24	7.10	19.0	2290	1.63	0.77	2.25	0.21	46.9	8.2	12	14.85	17.0
M355685		<0.02	0.018	0.25	7.42	19.4	2380	1.73	0.80	2.32	0.19	52.3	8.1	14	15.15	17.4
M355686		4.82	0.015	0.43	7.40	13.9	2220	1.52	0.91	2.03	0.20	50.5	8.1	11	15.15	16.8
M355687		3.21	0.012	0.33	7.73	19.3	1660	1.27	1.14	0.53	0.74	61.1	16.4	10	19.30	23.4
M355688		3.23	0.030	0.38	4.29	19.8	430	0.95	1.66	0.21	0.96	31.0	17.8	19	6.94	30.7
M355689		6.12	0.068	0.59	6.85	41.9	260	1.58	1.98	0.51	1.65	41.3	16.3	15	15.05	29.7
M355690		3.71	0.031	1.08	7.33	130.5	1730	1.62	11.40	1.88	1.04	51.3	7.4	9	23.2	58.9
M355691		5.67	0.009	0.30	7.88	19.3	2930	1.44	1.15	0.92	0.30	58.9	5.3	11	15.70	36.8
M355692		2.17	0.240	6.56	7.13	167.5	330	1.47	35.2	1.54	15.15	48.3	6.4	7	15.85	124.5
M355693		3.09	0.017	0.42	7.54	17.1	2340	1.15	5.83	0.90	0.90	40.0	6.6	11	13.90	48.6
M355694		1.71	0.019	0.40	8.12	19.7	2430	1.31	6.24	0.96	0.86	51.9	6.2	11	15.75	54.6
M355695		2.55	1.260	4.32	6.87	340	400	1.34	75.8	2.32	2.78	52.0	7.1	10	15.40	1595
M355696		3.12	0.026	0.37	7.28	47.3	1240	1.48	2.36	2.20	0.49	50.1	6.1	9	18.05	15.8
M355697		2.34	0.112	2.63	7.10	81.5	740	1.51	9.90	1.50	9.18	53.3	6.6	11	19.35	480
M355698		3.14	0.066	0.86	7.51	37.5	600	1.37	4.25	1.32	1.35	53.5	7.4	11	17.35	51.8
M355699		5.69	0.017	0.57	7.68	35.6	1160	1.66	3.12	1.16	0.48	56.3	8.8	13	18.85	19.5
M355700		2.53	0.018	0.40	6.72	152.0	6210	1.75	0.68	2.17	0.87	48.5	5.3	18	38.2	21.8
M358001		6.04	<0.005	0.14	6.84	9.6	1660	1.89	0.05	3.24	0.20	51.9	4.5	15	39.7	6.7
M358002		4.71	<0.005	0.07	6.72	10.7	1260	2.03	0.03	3.26	0.04	48.1	4.0	13	38.2	5.9
M358003		4.90	0.005	0.32	6.75	24.7	2240	1.65	0.32	3.24	0.20	49.7	5.6	21	14.75	25.3



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Account: ROCKHA

Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12194251**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355668		3.57	15.85	0.14	1.4	0.143	3.55	18.8	9.4	0.65	696	1.14	0.63	6.1	2.0	590
M355669		5.80	12.20	0.11	1.0	0.359	2.77	12.6	7.3	0.41	480	3.33	0.04	3.9	2.6	420
M355670		0.46	0.15	0.11	<0.1	0.006	0.02	<0.5	0.9	12.70	195	0.18	<0.01	0.1	1.0	170
M355671		4.02	15.45	0.13	1.4	0.182	3.12	27.4	16.6	0.71	1120	1.83	0.03	6.2	2.2	560
M355672		6.36	12.75	0.13	0.9	1.530	2.62	17.4	21.4	0.87	1830	11.55	0.04	5.0	14.2	430
M355673		3.96	10.25	0.12	0.8	0.164	2.49	14.6	6.5	0.35	352	6.59	0.14	3.2	2.4	390
M355674		3.47	14.65	0.15	1.3	0.193	3.07	23.8	16.9	0.70	785	1.28	0.72	6.3	2.1	540
M355675		5.52	12.75	0.11	0.9	1.840	2.35	15.8	23.6	0.82	1150	10.35	0.04	4.8	1.9	470
M355676		7.40	11.80	0.14	1.1	4.19	2.26	14.9	28.8	0.59	2900	13.45	0.08	4.7	12.7	430
M355677		4.81	14.90	0.13	1.1	0.487	3.20	24.1	6.4	0.90	1960	6.69	0.03	6.3	2.2	520
M355678		3.53	16.40	0.14	1.2	0.375	3.34	29.6	8.1	0.87	1250	6.14	0.03	7.4	2.4	590
M355679		8.62	20.5	0.11	1.0	15.40	2.81	21.3	7.2	0.26	110	9.74	0.04	3.8	2.2	400
M355680		0.46	0.16	0.07	<0.1	0.027	0.02	0.5	1.0	12.40	212	0.09	<0.01	0.1	1.3	140
M355681		4.62	15.90	0.14	1.2	0.234	3.52	29.2	9.6	0.60	788	2.09	0.05	5.5	2.2	510
M355682		2.66	15.15	0.14	1.2	0.079	2.77	26.6	12.7	0.70	431	2.29	1.67	6.8	1.9	570
M355683		2.89	15.70	0.14	1.3	0.064	2.64	25.8	15.6	0.79	471	2.13	1.92	7.2	2.5	570
M355684		2.93	15.90	0.13	1.2	0.083	2.50	26.0	14.0	0.60	407	2.51	1.78	7.2	2.3	580
M355685		3.08	16.10	0.15	1.3	0.092	2.53	28.3	14.1	0.63	427	3.07	1.82	7.4	2.3	610
M355686		2.72	16.05	0.13	1.2	0.111	2.68	28.2	12.2	0.72	344	1.41	1.80	7.2	2.2	590
M355687		2.78	16.45	0.13	1.2	0.098	2.74	34.9	22.8	0.27	471	1.70	0.12	7.3	1.9	610
M355688		2.25	9.88	0.08	0.7	0.058	2.09	17.0	7.9	0.21	200	17.85	0.05	2.8	1.9	290
M355689		3.32	15.30	0.13	1.1	0.133	3.22	20.5	14.8	0.36	484	8.09	0.05	5.3	2.3	530
M355690		3.16	17.00	0.11	1.5	0.206	3.10	27.2	16.2	0.70	1100	1.81	0.07	7.9	2.4	590
M355691		2.99	17.00	0.11	1.4	0.119	2.07	32.5	37.2	0.42	736	1.16	0.04	7.8	2.0	620
M355692		4.11	16.25	0.12	1.2	0.285	2.93	26.2	14.9	0.63	3220	1.52	0.05	6.8	2.1	520
M355693		3.16	16.95	0.11	1.4	0.250	2.89	19.0	30.7	0.39	578	1.32	0.09	7.6	1.9	620
M355694		3.24	17.65	0.13	1.4	0.232	2.98	28.9	33.2	0.42	580	1.14	0.09	7.8	1.8	630
M355695		4.31	15.35	0.14	1.3	0.420	2.87	29.0	11.7	0.84	773	0.96	0.04	5.8	2.6	510
M355696		2.86	16.25	0.13	1.3	0.162	2.78	26.5	19.4	0.78	728	2.11	0.05	6.9	2.3	590
M355697		3.50	16.45	0.14	1.3	0.342	2.69	29.6	22.3	0.65	655	1.30	0.06	6.7	3.1	550
M355698		3.73	15.60	0.11	1.2	0.237	3.07	30.8	15.3	0.60	549	0.92	0.07	6.2	2.2	550
M355699		4.15	16.90	0.12	1.1	0.205	2.69	31.6	24.8	0.68	984	1.17	0.05	6.5	2.6	600
M355700		2.10	17.70	0.10	2.7	0.057	1.68	24.7	132.5	0.80	824	0.83	0.14	7.6	11.3	680
M358001		2.12	16.95	0.13	2.0	0.028	2.50	26.0	39.3	0.93	708	0.35	0.09	7.5	7.1	780
M358002		2.10	17.40	0.13	1.9	0.031	2.50	23.9	40.3	0.94	699	0.29	0.10	7.6	5.6	780
M358003		2.07	17.70	0.12	2.6	0.038	1.02	25.2	136.5	1.07	947	2.17	0.18	8.0	11.3	720



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**CERTIFICATE OF ANALYSIS WH12194251**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M355668		246	199.0	0.003	2.19	4.39	9.8	2	4.3	151.5	0.55	0.49	13.7	0.226	3.7
M355669		466	206	0.005	5.25	81.0	7.2	1	4.7	35.2	0.35	0.44	9.5	0.153	2.4
M355670		2.2	1.1	<0.002	0.01	0.18	0.1	<1	<0.2	49.3	<0.05	<0.05	<0.2	<0.005	0.4
M355671		131.0	200	0.003	2.30	17.10	9.7	1	3.6	54.9	0.56	0.25	13.6	0.222	3.3
M355672		2830	154.0	0.002	4.49	88.4	7.2	1	7.4	84.9	0.43	0.31	10.0	0.172	5.0
M355673		241	143.0	0.003	3.50	9.91	7.1	1	2.9	43.4	0.27	2.32	7.4	0.136	2.1
M355674		101.0	138.0	0.002	1.43	5.64	9.3	1	3.6	166.5	0.55	0.41	11.7	0.225	3.2
M355675		914	144.0	0.003	5.48	112.0	7.1	1	9.0	150.0	0.42	0.41	9.7	0.173	4.4
M355676		9400	131.5	0.003	6.55	203	6.5	1	8.2	120.0	0.40	0.36	8.7	0.173	5.1
M355677		169.0	183.0	0.002	3.57	29.0	9.2	1	5.0	76.5	0.55	0.51	12.7	0.213	4.3
M355678		105.0	188.0	0.002	2.11	21.8	10.7	1	5.2	79.1	0.62	0.44	13.8	0.236	4.6
M355679		3860	183.0	<0.002	9.58	163.0	8.3	3	21.8	31.1	0.34	1.62	9.2	0.129	2.5
M355680		4.6	1.2	0.002	0.01	0.33	0.1	<1	0.2	45.5	<0.05	<0.05	<0.2	<0.005	0.6
M355681		150.0	204	0.002	3.79	16.40	10.1	1	6.8	54.5	0.49	0.57	12.2	0.199	3.5
M355682		24.8	111.0	0.003	0.34	7.01	9.7	1	2.1	277	0.57	0.19	12.5	0.236	3.4
M355683		22.4	106.0	<0.002	0.40	4.70	10.6	1	2.2	314	0.61	0.08	12.9	0.238	3.6
M355684		16.4	90.5	<0.002	0.58	8.23	10.9	1	2.8	290	0.61	0.15	12.5	0.250	3.9
M355685		16.4	100.5	0.003	0.60	8.20	11.4	<1	3.0	300	0.62	0.21	13.1	0.265	4.2
M355686		15.6	105.5	<0.002	0.82	5.23	10.4	1	3.6	269	0.65	0.18	13.1	0.240	3.5
M355687		18.6	125.5	0.002	0.86	18.05	10.4	1	4.0	62.5	0.59	0.14	13.6	0.247	3.3
M355688		28.2	102.0	0.002	1.71	10.70	5.8	<1	3.0	17.2	0.25	0.32	7.3	0.100	2.3
M355689		40.8	152.0	<0.002	2.36	10.15	9.6	1	4.3	37.7	0.46	0.15	12.3	0.193	2.7
M355690		51.9	125.5	<0.002	0.84	19.05	11.6	1	4.0	74.5	0.67	0.16	13.1	0.251	4.2
M355691		18.5	98.5	<0.002	0.27	26.3	11.2	<1	2.6	72.3	0.67	<0.05	15.0	0.252	3.1
M355692		462	137.0	<0.002	2.30	29.9	9.9	1	4.9	52.0	0.57	0.27	12.8	0.221	4.1
M355693		24.5	102.5	<0.002	0.46	15.55	10.5	1	3.3	67.4	0.68	0.35	12.4	0.256	2.8
M355694		24.2	116.0	<0.002	0.46	17.65	11.0	1	3.3	71.5	0.67	0.34	14.4	0.256	2.9
M355695		135.5	125.5	0.003	2.53	146.0	8.9	1	7.2	56.3	0.55	2.35	12.5	0.205	5.9
M355696		37.1	103.0	<0.002	0.73	8.95	10.1	1	3.5	66.7	0.59	0.24	12.2	0.240	6.6
M355697		199.5	113.0	<0.002	1.17	66.5	9.7	1	4.3	73.2	0.57	0.39	12.2	0.227	4.1
M355698		45.5	137.5	<0.002	1.72	10.60	10.1	<1	3.6	57.8	0.52	0.37	13.6	0.218	3.6
M355699		40.7	137.5	0.002	1.21	11.05	11.2	1	3.7	55.1	0.52	0.29	13.3	0.230	3.2
M355700		60.3	64.2	<0.002	0.42	8.58	6.0	1	1.9	340	0.62	<0.05	9.2	0.239	11.3
M358001		27.4	94.5	<0.002	0.08	3.23	5.5	1	1.1	365	0.58	<0.05	8.7	0.253	3.5
M358002		18.3	88.9	0.002	0.04	3.60	5.5	1	1.2	366	0.61	<0.05	7.8	0.247	3.0
M358003		30.1	34.3	0.002	0.22	4.92	6.2	1	1.5	330	0.60	<0.05	8.5	0.250	4.7





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Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12194251**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M355668		73	1.9	15.1	341	33.7	1	
M355669		58	4.8	9.2	793	24.0	8	
M355670		3	0.1	0.7	15	<0.5	<1	
M355671		66	3.6	12.3	453	33.0	1	
M355672		55	4.6	8.6	5290	21.8	26	
M355673		59	2.9	9.4	307	19.5	4	
M355674		65	2.3	13.3	389	34.1	1	
M355675		49	6.7	7.8	3900	23.0	10	
M355676		51	4.1	8.3	>10000	28.4	122	1.580
M355677		60	5.5	11.2	704	27.7	3	
M355678		68	3.8	14.3	517	29.9	1	
M355679		48	6.3	9.2	9770	24.3	38	
M355680		3	0.1	0.7	22	<0.5	<1	
M355681		64	5.1	11.8	448	27.7	2	
M355682		65	1.6	14.4	118	29.9	<1	
M355683		65	1.3	15.6	80	32.7	<1	
M355684		73	2.0	14.2	65	30.5	<1	
M355685		75	1.8	15.1	67	30.8	<1	
M355686		70	1.5	14.2	59	29.8	<1	
M355687		70	2.2	15.5	117	30.4	<1	
M355688		62	1.5	8.2	105	16.9	1	
M355689		66	4.2	11.3	170	27.3	<1	
M355690		74	4.7	16.1	158	36.7	<1	
M355691		69	3.5	14.7	63	33.8	<1	
M355692		63	4.1	12.9	1320	29.0	6	
M355693		72	3.0	12.0	81	33.4	<1	
M355694		73	3.0	14.2	80	34.9	<1	
M355695		64	4.1	14.4	299	31.3	5	
M355696		70	3.1	12.8	66	31.2	1	
M355697		63	3.5	13.0	580	31.9	3	
M355698		64	3.2	13.7	162	28.2	1	
M355699		69	3.6	12.8	91	27.0	<1	
M355700		48	2.4	9.7	143	75.3	1	
M358001		48	1.3	9.8	73	55.2	1	
M358002		47	1.3	9.9	51	52.3	<1	
M358003		49	3.8	10.4	73	81.1	1	



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**CERTIFICATE OF ANALYSIS WH12194251**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12194252**

Project: Klaza - 110

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12194252**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358004		3.36	0.429	16.65	4.70	422	230	1.05	60.3	5.83	11.30	44.6	6.3	11	11.15	876
M358005		3.72	0.006	0.67	7.64	25.1	1540	1.65	1.42	2.08	2.13	41.9	6.6	8	21.7	37.9
M358006		2.98	<0.005	0.03	0.06	<5	30	0.06	0.04	20.3	0.08	1.13	0.6	<1	0.14	2.4
M358007		4.31	0.461	3.41	4.91	116.5	480	0.91	11.20	0.70	2.17	30.6	13.4	8	10.85	101.5
M358008		7.20	0.010	0.63	7.14	13.3	2490	1.40	2.00	2.53	1.05	44.1	5.0	8	10.15	49.2
M358009		8.16	0.010	0.86	7.82	16.1	2300	1.49	2.83	2.55	0.88	51.0	7.8	9	7.85	47.9
M358010		8.61	0.030	0.88	7.74	19.9	2280	1.45	1.55	2.32	0.76	57.2	7.6	8	10.60	75.6
M358011		0.27	4.16	>100	5.62	8040	1110	1.12	63.8	1.95	223	35.6	8.5	18	11.10	1290
M358012		2.95	0.025	0.23	7.79	18.0	2400	1.58	0.59	2.67	0.41	53.6	4.8	10	11.25	8.3
M358013		2.80	0.021	0.46	7.87	29.3	2340	1.41	0.83	1.26	1.72	56.6	6.9	9	17.30	17.5
M358014		2.96	1.215	>100	5.42	3190	650	0.94	344	1.36	75.0	31.8	3.6	6	6.86	9150
M358015		2.60	<0.005	0.16	0.06	<5	30	0.06	0.35	21.1	0.11	1.25	0.5	<1	0.14	12.6
M358016		4.84	0.117	0.77	7.50	56.0	1860	1.59	1.72	2.69	6.17	45.2	7.0	9	14.70	18.5
M358017		3.91	0.018	0.50	7.57	17.0	2230	1.35	1.55	2.84	4.13	47.7	4.4	8	10.50	21.1
M358018		7.71	0.010	0.34	7.85	14.3	2270	1.39	1.15	2.31	0.52	49.4	4.8	9	7.42	61.0
M358019		8.06	<0.005	0.15	7.90	10.5	2290	1.53	3.45	2.22	0.22	58.6	6.2	12	7.79	20.2
M358020		7.76	0.009	0.31	7.87	12.9	2370	1.60	1.39	2.41	2.48	51.1	5.7	16	6.95	15.2
M358021		7.99	<0.005	0.15	7.72	9.2	2370	1.55	0.39	2.38	0.25	51.2	6.9	11	7.33	7.9
M358022		8.21	0.008	0.19	7.65	14.2	2300	1.63	0.47	2.53	0.80	49.2	7.6	10	8.96	11.4
M358023		<0.02	0.007	0.19	7.64	14.2	2250	1.59	0.45	2.48	0.75	56.3	7.5	9	9.23	11.4
M358024		7.17	0.010	0.24	7.47	10.9	2130	1.50	2.13	2.56	0.28	49.2	5.4	10	12.45	26.2
M358025		2.72	0.006	0.39	8.40	19.8	1920	1.40	1.89	1.25	1.95	59.7	6.3	7	16.70	12.3
M358026		3.45	0.719	33.6	6.84	763	310	1.19	113.0	1.79	94.0	57.0	4.5	6	13.00	667
M358027		3.09	0.019	0.77	7.38	18.7	2070	1.71	3.05	2.21	0.72	46.2	4.3	8	12.75	27.4
M358028		0.26	0.784	9.94	7.33	1845	1280	1.50	6.73	1.95	41.0	48.8	15.9	20	16.25	110.5
M358029		9.18	0.014	0.25	7.55	9.5	2300	1.40	1.01	2.42	0.20	46.5	5.5	10	7.10	18.1
M358030		6.93	<0.005	0.27	7.26	13.6	2180	1.53	1.11	2.08	0.29	54.0	6.2	9	9.61	6.2
M358031		2.34	<0.005	0.19	7.90	14.2	2390	1.33	0.92	1.70	0.29	53.5	6.2	7	12.00	22.1
M358032		3.37	0.005	0.13	6.50	19.5	1670	1.03	1.41	2.33	0.11	54.7	12.8	11	20.0	2.9
M358033		4.34	0.013	0.13	7.12	14.6	2320	1.43	0.71	2.28	0.13	46.1	5.4	7	9.04	8.1
M358034		5.18	0.031	0.31	7.69	18.4	2230	1.51	4.01	2.29	0.25	53.4	5.7	9	8.24	38.1
M358035		2.89	0.021	0.27	7.63	14.2	2370	1.37	3.00	2.22	0.16	53.4	5.2	9	7.96	36.7
M358036		2.69	0.643	0.52	7.10	39.4	1930	1.60	2.36	2.38	0.40	52.1	5.1	9	7.73	26.6
M358037		2.58	0.054	0.56	6.29	15.0	1800	1.24	2.51	2.63	0.27	45.7	9.9	8	11.90	53.9
M358038		4.23	0.010	0.23	7.58	9.4	2250	1.57	1.02	2.39	0.21	48.7	4.7	9	9.08	14.1
M358039		3.48	0.010	0.30	7.44	10.9	1870	1.69	1.61	2.34	1.15	55.1	6.7	7	8.90	7.5



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**CERTIFICATE OF ANALYSIS WH12194252**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358004		5.92	12.40	0.15	1.9	0.933	1.15	24.0	50.2	1.96	3440	9.26	0.06	5.4	10.7	400
M358005		2.74	16.20	0.15	1.3	0.173	2.20	18.3	24.9	0.44	712	1.16	0.09	7.7	3.0	580
M358006		0.47	0.16	0.12	<0.1	0.007	0.02	0.5	1.1	13.15	228	0.13	0.01	0.1	1.4	180
M358007		3.30	11.10	0.16	0.8	0.190	1.98	15.4	11.1	0.35	402	14.00	0.11	3.2	2.5	310
M358008		2.93	15.30	0.17	1.3	0.119	2.37	19.9	11.3	0.76	514	1.48	1.88	7.7	2.7	590
M358009		3.38	16.65	0.18	1.3	0.166	2.54	24.1	10.4	0.95	624	0.97	2.49	8.4	3.1	660
M358010		2.83	16.15	0.19	1.3	0.163	2.80	29.1	13.9	0.89	554	1.42	2.19	7.9	2.8	580
M358011		7.57	12.80	0.15	1.1	4.18	2.31	16.6	27.9	0.63	3000	14.70	0.08	5.2	13.5	450
M358012		2.76	15.70	0.17	1.3	0.085	2.83	26.1	11.1	0.74	568	1.23	2.16	7.5	2.7	590
M358013		3.03	16.60	0.16	1.3	0.140	2.92	28.4	25.7	0.48	741	1.18	0.33	7.9	2.6	610
M358014		8.35	14.10	0.16	0.7	7.32	2.38	16.5	13.3	0.61	619	8.95	0.03	4.2	2.3	370
M358015		0.44	0.18	0.10	<0.1	0.012	0.02	0.6	0.9	13.65	199	0.20	0.01	0.1	1.3	180
M358016		2.90	15.85	0.19	1.2	0.200	3.16	20.0	9.1	0.55	688	3.10	0.76	6.6	2.4	600
M358017		3.05	15.25	0.16	1.3	0.140	2.61	22.2	9.4	0.78	714	0.67	1.87	7.1	2.4	580
M358018		3.46	16.50	0.16	1.3	0.135	2.43	24.3	11.9	0.89	563	1.68	2.52	7.8	2.6	580
M358019		3.03	16.70	0.19	1.5	0.110	2.79	28.5	11.7	0.95	493	1.73	2.47	8.0	2.8	620
M358020		3.00	16.80	0.18	1.4	0.182	2.89	25.4	11.4	0.90	577	1.89	2.42	8.0	2.7	600
M358021		3.02	16.15	0.20	1.5	0.062	2.79	24.8	12.3	0.88	581	2.02	2.51	8.0	2.8	600
M358022		3.16	16.60	0.16	1.4	0.085	2.82	23.0	15.0	0.86	608	2.40	2.24	8.4	3.2	600
M358023		2.95	16.85	0.21	1.4	0.075	2.84	26.3	15.0	0.85	588	2.47	2.19	8.3	2.9	580
M358024		3.04	16.25	0.18	1.4	0.134	2.80	22.6	11.6	0.76	567	3.53	2.03	7.4	2.8	590
M358025		3.14	17.15	0.19	1.5	0.175	3.30	31.1	22.9	0.56	997	2.91	0.16	8.4	2.6	630
M358026		6.72	18.80	0.18	1.2	4.73	2.94	30.2	8.3	0.73	10500	2.12	0.03	6.2	2.5	480
M358027		3.17	15.60	0.16	1.5	0.466	3.45	21.3	13.1	0.62	965	1.17	0.95	7.5	2.4	560
M358028		5.31	15.00	0.17	1.3	0.853	3.01	23.6	22.4	0.74	2050	12.20	0.28	7.0	15.6	510
M358029		3.08	16.40	0.16	1.4	0.107	2.85	21.5	11.3	0.82	582	1.46	2.31	7.8	2.8	600
M358030		2.67	15.85	0.17	1.3	0.134	2.79	26.1	12.0	0.77	557	1.16	2.14	7.3	2.5	550
M358031		2.93	16.50	0.17	1.3	0.174	2.83	26.9	20.6	0.42	646	0.80	0.90	7.5	2.4	580
M358032		3.13	13.70	0.16	1.0	0.331	1.74	28.6	12.4	0.71	553	0.74	1.65	6.2	2.8	470
M358033		2.80	15.00	0.16	1.4	0.116	2.44	21.9	11.9	0.76	573	0.69	2.20	7.2	2.4	530
M358034		3.16	16.30	0.17	1.5	0.074	2.46	25.0	14.8	0.81	598	0.61	2.37	7.8	2.7	580
M358035		3.02	15.55	0.18	1.5	0.067	2.46	25.6	14.2	0.79	561	0.62	2.45	7.6	2.6	570
M358036		3.95	15.50	0.16	1.4	0.149	2.28	25.7	10.1	0.87	698	0.43	1.66	7.2	2.5	580
M358037		3.34	12.35	0.17	1.7	0.347	1.99	24.3	9.2	0.63	585	2.10	0.74	5.1	2.4	440
M358038		3.18	15.85	0.18	1.5	0.095	2.78	22.4	13.5	0.80	568	1.08	2.26	8.0	2.6	600
M358039		4.76	16.85	0.16	1.2	0.144	1.95	26.6	14.3	0.86	648	0.53	2.10	7.2	2.4	550



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**CERTIFICATE OF ANALYSIS WH12194252**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358004		286	58.2	<0.002	4.25	91.7	5.5	4	5.6	237	0.46	0.42	8.4	0.163	7.7
M358005		62.7	89.5	<0.002	0.68	14.80	9.8	1	3.1	93.9	0.67	0.12	11.5	0.238	3.4
M358006		1.4	0.9	<0.002	0.01	0.05	0.2	<1	0.2	45.4	<0.05	<0.05	<0.2	<0.005	0.8
M358007		71.6	116.5	<0.002	2.55	35.5	5.7	1	4.2	35.3	0.32	0.22	8.2	0.105	4.5
M358008		34.9	78.8	<0.002	0.31	3.17	10.3	2	3.3	320	0.64	<0.05	11.0	0.247	3.0
M358009		35.2	87.8	<0.002	0.48	3.51	11.5	1	2.9	394	0.64	0.08	11.3	0.281	3.5
M358010		29.5	115.0	<0.002	0.49	4.86	10.5	1	3.4	349	0.62	0.22	12.6	0.240	3.8
M358011		9430	138.5	<0.002	6.66	203	7.5	1	8.7	117.0	0.40	0.46	8.7	0.173	5.3
M358012		22.6	108.5	<0.002	0.23	3.21	10.4	1	2.5	344	0.63	0.06	12.5	0.242	3.5
M358013		70.3	132.5	<0.002	0.53	14.10	11.2	1	3.4	109.5	0.61	<0.05	13.6	0.250	5.1
M358014		8810	137.0	<0.002	9.10	1450	6.8	3	19.5	28.2	0.34	1.34	8.6	0.141	6.0
M358015		8.0	1.1	<0.002	0.02	2.16	0.2	1	0.3	43.3	<0.05	<0.05	<0.2	<0.005	0.7
M358016		80.1	156.5	<0.002	1.29	6.03	9.3	1	3.2	142.5	0.53	0.24	11.6	0.209	3.9
M358017		90.1	97.0	<0.002	0.57	5.88	9.7	1	2.6	307	0.64	0.18	11.9	0.237	3.3
M358018		27.2	94.4	<0.002	0.36	4.56	10.8	1	2.7	391	0.64	0.07	12.9	0.241	4.1
M358019		17.9	110.0	<0.002	0.26	2.58	11.2	1	2.8	386	0.68	0.05	13.9	0.251	4.3
M358020		35.7	102.5	<0.002	0.25	2.88	10.6	1	2.4	384	0.67	<0.05	12.7	0.249	3.8
M358021		20.1	102.5	<0.002	0.16	2.28	10.5	1	2.1	394	0.68	<0.05	12.2	0.244	3.9
M358022		25.4	103.5	<0.002	0.16	2.80	10.6	1	2.0	363	0.65	<0.05	11.4	0.250	3.5
M358023		25.5	109.5	<0.002	0.17	2.73	10.9	1	2.1	354	0.66	<0.05	12.6	0.247	3.7
M358024		20.2	104.5	<0.002	0.19	3.01	11.0	<1	2.2	323	0.65	0.08	11.3	0.254	3.2
M358025		36.5	140.0	<0.002	0.45	13.20	11.6	1	2.6	85.5	0.70	0.07	15.6	0.263	6.7
M358026		1460	145.5	<0.002	6.29	32.9	9.0	1	15.1	35.6	0.53	0.33	11.6	0.197	4.2
M358027		32.5	135.0	<0.002	0.29	5.18	9.6	1	3.0	180.5	0.67	0.05	11.9	0.230	3.8
M358028		1400	167.0	<0.002	3.05	33.5	9.2	1	6.1	150.5	0.60	0.33	12.3	0.204	5.2
M358029		20.4	94.9	<0.002	0.24	2.53	10.3	1	2.2	371	0.66	0.07	11.3	0.252	3.4
M358030		21.8	110.5	<0.002	0.30	3.13	10.3	1	2.1	332	0.65	0.05	13.3	0.225	3.4
M358031		22.4	114.0	<0.002	0.33	18.15	10.6	1	2.7	141.0	0.65	0.10	14.1	0.240	3.3
M358032		11.4	91.9	<0.002	0.78	6.56	9.1	1	2.9	183.5	0.54	0.18	11.3	0.192	2.6
M358033		18.4	84.1	<0.002	0.25	3.17	9.7	1	2.0	333	0.65	<0.05	12.0	0.227	3.1
M358034		22.0	94.3	<0.002	0.18	3.18	10.6	1	2.6	402	0.65	<0.05	13.3	0.244	3.5
M358035		20.2	84.3	<0.002	0.11	2.87	10.5	1	2.2	432	0.66	0.05	13.4	0.237	3.6
M358036		55.3	118.0	<0.002	1.11	3.83	10.5	1	3.6	259	0.63	0.16	12.3	0.236	3.4
M358037		27.2	123.5	<0.002	0.98	5.63	8.4	1	3.6	170.5	0.43	0.25	11.3	0.163	3.8
M358038		21.3	84.4	<0.002	0.16	3.78	10.5	<1	2.6	363	0.69	0.10	11.6	0.255	3.3
M358039		58.0	77.3	<0.002	0.44	4.07	10.1	1	2.8	364	0.61	0.18	11.6	0.230	3.2



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**CERTIFICATE OF ANALYSIS WH12194252**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358004		40	9.3	13.9	948	68.7	17	
M358005		66	1.7	13.4	189	35.6	<1	
M358006		2	0.1	0.8	18	<0.5	<1	
M358007		56	4.1	8.1	168	20.3	3	
M358008		70	1.6	14.7	116	36.7	<1	
M358009		78	1.9	17.5	104	36.9	<1	
M358010		66	3.3	16.6	83	37.5	<1	
M358011		52	4.2	9.4	>10000	31.2	119	1.570
M358012		69	1.3	16.9	70	35.7	<1	
M358013		70	7.0	16.6	195	35.8	<1	
M358014		45	7.6	9.1	4890	20.8	156	
M358015		3	0.1	0.8	20	<0.5	<1	
M358016		63	2.6	14.3	502	33.8	<1	
M358017		66	1.9	15.2	365	32.1	<1	
M358018		67	1.6	17.1	76	36.4	<1	
M358019		73	4.3	17.7	45	39.6	<1	
M358020		69	1.8	17.2	203	40.6	<1	
M358021		69	3.2	16.5	53	41.1	<1	
M358022		71	3.9	16.9	93	43.2	<1	
M358023		69	3.7	17.6	88	42.0	<1	
M358024		73	1.9	15.5	62	36.6	<1	
M358025		71	4.1	18.7	186	42.4	<1	
M358026		56	7.5	13.6	5450	31.3	34	
M358027		64	3.1	14.8	109	37.2	<1	
M358028		60	6.2	11.9	3140	38.0	9	
M358029		71	2.6	16.3	59	39.2	<1	
M358030		63	1.8	17.0	62	36.2	<1	
M358031		66	3.5	17.1	69	35.1	<1	
M358032		60	1.6	15.4	56	27.4	<1	
M358033		63	1.6	15.5	61	36.0	<1	
M358034		68	1.9	17.6	64	39.3	<1	
M358035		65	1.6	17.5	52	40.3	<1	
M358036		65	2.5	16.0	104	37.8	<1	
M358037		56	2.0	15.1	67	24.1	<1	
M358038		70	1.5	15.7	72	40.2	<1	
M358039		74	2.1	15.7	153	31.9	<1	



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12194253**

Project: Klaza  
P.O. No.: Batch 4  
This report is for 175 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12194253**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002501		0.24	0.007	0.4	1.99	15	<10	300	0.5	<2	0.31	<0.5	7	26	27	2.46
DD002502		0.24	0.064	0.9	1.41	63	<10	170	<0.5	<2	0.29	0.8	7	22	29	2.22
DD002503		0.30	0.067	0.6	1.11	27	<10	390	0.6	<2	0.35	1.7	5	18	25	2.41
DD002504		0.23	0.024	0.8	1.82	23	<10	280	0.5	<2	0.29	<0.5	8	25	42	3.10
DD002505		0.24	0.026	0.3	1.61	14	<10	290	<0.5	<2	0.27	<0.5	10	23	24	2.17
DD002506		0.29	0.013	0.3	1.59	15	<10	240	<0.5	<2	0.33	0.5	8	23	22	2.33
DD002507		0.30	0.017	0.6	1.88	19	<10	280	0.5	<2	0.29	<0.5	10	25	23	2.41
DD002508		0.24	0.013	0.4	2.06	14	<10	280	0.5	<2	0.30	<0.5	6	26	28	2.62
DD002509		0.24	0.025	0.5	1.84	18	<10	200	<0.5	<2	0.32	<0.5	7	24	20	2.42
DD002510		0.22	0.017	0.2	1.65	18	<10	170	<0.5	<2	0.29	<0.5	9	23	19	2.13
DD002511		0.21	0.012	0.2	1.55	13	<10	180	<0.5	<2	0.31	<0.5	8	20	14	1.95
DD002512		0.28	0.025	0.2	1.69	15	<10	140	<0.5	<2	0.24	<0.5	9	19	19	2.63
DD002513		0.22	0.009	0.5	1.70	14	<10	110	<0.5	<2	0.27	<0.5	5	22	21	2.43
DD002514		0.17	0.010	0.2	1.89	24	<10	310	0.6	<2	0.31	<0.5	15	19	25	4.49
DD002515		0.21	0.007	0.2	1.69	19	<10	160	0.5	<2	0.20	<0.5	15	22	22	3.39
DD002516		0.11	<0.005	0.2	1.65	13	<10	110	<0.5	<2	0.15	<0.5	6	23	17	2.57
DD002517		0.15	0.011	1.2	1.50	17	<10	130	<0.5	<2	0.17	<0.5	7	21	17	3.03
DD002518		0.19	0.015	0.3	1.62	20	<10	190	0.5	<2	0.24	<0.5	20	21	33	3.56
DD002519		0.14	0.026	1.1	1.76	36	<10	260	0.7	4	0.47	<0.5	10	20	54	4.03
DD002520		0.13	<0.005	0.3	1.58	16	<10	90	<0.5	<2	0.15	<0.5	6	26	15	2.93
DD002521		0.16	<0.005	0.4	1.61	28	<10	130	<0.5	<2	0.17	<0.5	10	20	23	2.84
DD002522		0.20	0.005	1.9	1.50	185	<10	220	<0.5	<2	0.52	<0.5	17	11	31	3.26
DD002523		0.17	0.007	0.8	1.69	34	<10	230	<0.5	<2	0.50	<0.5	9	17	28	2.33
DD002524		0.23	0.005	0.4	1.71	31	<10	180	<0.5	<2	0.50	<0.5	9	18	25	3.39
DD002525		0.11	0.007	0.6	1.15	11	<10	210	<0.5	<2	0.54	<0.5	6	12	21	1.56
DD002526		0.12	0.010	1.3	2.32	23	<10	470	0.8	<2	0.64	0.5	7	28	53	2.69
DD002527		0.17	<0.005	0.8	1.67	24	<10	300	<0.5	<2	0.63	<0.5	9	19	27	2.47
DD002528		0.20	0.007	0.7	1.85	21	<10	300	0.5	<2	0.42	<0.5	8	23	26	2.28
DD002529		0.12	0.005	0.5	1.31	15	<10	230	<0.5	<2	0.42	<0.5	6	15	16	2.06
DD002530		0.12	0.005	0.9	1.67	20	<10	300	<0.5	<2	0.52	<0.5	6	18	20	2.24
DD002531		0.07	<0.005	0.8	1.70	34	<10	360	<0.5	<2	0.54	0.7	6	19	28	2.27
DD002532		0.11	0.005	0.7	1.80	27	<10	310	<0.5	<2	0.60	0.5	6	21	23	2.15
DD002533		0.19	0.006	0.3	1.60	22	<10	240	<0.5	<2	0.46	<0.5	7	20	19	2.32
DD002534		0.26	0.008	0.2	1.05	59	<10	180	<0.5	<2	0.40	<0.5	9	16	18	2.88
DD002535		0.19	<0.005	0.3	1.69	9	<10	240	<0.5	<2	0.39	<0.5	7	19	18	1.67
DD002536		0.22	0.005	0.5	1.07	24	<10	280	<0.5	<2	0.37	0.5	6	20	15	1.89
DD002537		0.15	<0.005	0.3	1.20	10	<10	120	<0.5	<2	0.19	<0.5	8	15	18	2.44
DD002538		0.17	0.020	1.3	0.93	14	<10	160	<0.5	<2	0.20	<0.5	3	14	38	1.68
DD002539		0.26	0.015	0.4	1.41	14	<10	160	<0.5	<2	0.17	<0.5	7	22	55	2.08
DD002540		0.20	0.035	1.5	2.40	43	<10	240	0.7	2	0.15	<0.5	13	37	214	3.78



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**CERTIFICATE OF ANALYSIS WH12194253**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
DD002501		10	<1	0.09	10	0.46	196	<1	0.02	13	670	20	<0.01	<2	4
DD002502		<10	<1	0.09	20	0.42	291	<1	0.02	14	680	63	<0.01	<2	3
DD002503		<10	<1	0.08	30	0.32	168	<1	0.02	8	790	100	<0.01	<2	5
DD002504		10	<1	0.09	20	0.44	372	<1	0.02	11	670	47	0.01	<2	4
DD002505		<10	<1	0.08	20	0.45	232	<1	0.02	13	570	18	<0.01	<2	5
DD002506		<10	<1	0.09	10	0.48	197	<1	0.02	14	760	22	<0.01	<2	5
DD002507		10	<1	0.10	10	0.52	337	<1	0.02	15	610	38	<0.01	<2	6
DD002508		10	<1	0.09	10	0.54	187	1	0.02	13	740	17	0.01	<2	6
DD002509		10	<1	0.11	10	0.53	311	1	0.02	13	660	20	<0.01	<2	5
DD002510		10	<1	0.07	10	0.51	190	1	0.02	9	800	22	0.01	<2	5
DD002511		<10	<1	0.08	10	0.52	173	<1	0.02	9	700	18	0.01	<2	5
DD002512		10	<1	0.09	10	0.55	269	1	0.02	8	480	23	<0.01	<2	5
DD002513		10	<1	0.07	10	0.54	231	1	0.02	10	610	49	0.03	<2	4
DD002514		10	<1	0.13	20	0.71	1120	1	0.03	8	620	28	0.04	2	7
DD002515		<10	<1	0.08	10	0.53	736	1	0.02	12	410	28	0.02	2	5
DD002516		10	<1	0.05	10	0.35	226	1	0.02	10	540	18	0.03	<2	2
DD002517		10	<1	0.08	10	0.32	311	1	0.02	8	520	56	0.05	2	3
DD002518		<10	<1	0.08	10	0.58	879	2	0.02	10	420	28	0.02	2	5
DD002519		<10	<1	0.09	20	0.37	662	2	0.02	12	840	59	0.04	3	5
DD002520		10	<1	0.06	10	0.37	271	1	0.01	11	450	17	0.03	<2	3
DD002521		<10	<1	0.05	10	0.36	828	2	0.01	8	610	25	0.03	2	3
DD002522		<10	<1	0.06	10	0.51	1135	3	0.03	5	1100	65	0.03	<2	5
DD002523		<10	<1	0.06	10	0.56	713	1	0.02	8	960	26	0.04	<2	5
DD002524		<10	<1	0.06	10	0.64	599	1	0.02	7	920	22	0.03	<2	5
DD002525		<10	<1	0.05	10	0.27	275	<1	0.03	6	790	7	0.06	<2	3
DD002526		10	<1	0.09	20	0.50	307	<1	0.02	14	1120	24	0.13	<2	8
DD002527		<10	<1	0.07	10	0.40	718	1	0.03	9	870	15	0.07	<2	5
DD002528		<10	<1	0.09	20	0.50	327	<1	0.02	11	680	21	0.04	<2	6
DD002529		<10	<1	0.06	10	0.33	356	<1	0.02	7	640	10	0.04	<2	3
DD002530		<10	<1	0.08	10	0.38	298	1	0.02	8	790	11	0.06	<2	4
DD002531		<10	<1	0.08	20	0.36	142	1	0.02	8	990	12	0.14	<2	4
DD002532		<10	<1	0.09	10	0.43	309	<1	0.02	9	970	12	0.10	<2	4
DD002533		<10	<1	0.07	10	0.45	368	<1	0.02	8	640	11	0.04	<2	4
DD002534		<10	<1	0.09	10	0.46	477	1	0.03	8	810	17	0.02	3	4
DD002535		<10	<1	0.05	10	0.40	280	<1	0.03	9	900	10	0.07	<2	3
DD002536		<10	<1	0.05	10	0.32	1150	1	0.01	7	350	24	0.01	<2	3
DD002537		10	<1	0.07	10	0.46	508	1	0.02	6	530	14	0.02	<2	2
DD002538		<10	<1	0.06	10	0.24	167	4	0.02	6	660	34	0.06	5	1
DD002539		<10	<1	0.08	10	0.37	327	1	0.01	11	550	18	0.02	<2	3
DD002540		<10	<1	0.09	20	0.50	848	5	0.01	17	510	53	0.03	18	5



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
DD002501		<20	0.06	<10	<10	50	<10	63
DD002502		<20	0.07	<10	<10	43	<10	95
DD002503		<20	0.05	<10	<10	41	<10	212
DD002504		<20	0.05	<10	<10	56	<10	80
DD002505		<20	0.06	<10	<10	46	<10	54
DD002506		<20	0.07	<10	<10	50	<10	73
DD002507		<20	0.07	<10	<10	56	<10	67
DD002508		<20	0.05	<10	<10	55	<10	62
DD002509		<20	0.08	<10	<10	52	<10	78
DD002510		<20	0.06	<10	<10	53	<10	58
DD002511		<20	0.07	<10	<10	56	<10	60
DD002512		<20	0.06	<10	<10	56	<10	64
DD002513		<20	0.06	<10	<10	51	<10	119
DD002514		<20	0.08	<10	<10	88	<10	78
DD002515		<20	0.05	<10	<10	51	<10	58
DD002516		<20	0.05	<10	<10	54	<10	49
DD002517		<20	0.04	<10	<10	52	<10	72
DD002518		<20	0.05	<10	<10	59	<10	63
DD002519		<20	0.02	<10	<10	65	<10	112
DD002520		<20	0.07	<10	<10	56	<10	50
DD002521		<20	0.04	<10	<10	54	<10	97
DD002522		<20	0.04	<10	<10	73	<10	111
DD002523		<20	0.06	<10	<10	64	<10	85
DD002524		<20	0.07	<10	<10	89	<10	77
DD002525		<20	0.05	<10	<10	38	<10	50
DD002526		<20	0.05	<10	<10	64	<10	76
DD002527		<20	0.05	<10	<10	57	<10	73
DD002528		<20	0.05	<10	<10	54	<10	69
DD002529		<20	0.05	<10	<10	49	<10	57
DD002530		<20	0.04	<10	<10	48	<10	69
DD002531		<20	0.04	<10	<10	48	<10	63
DD002532		<20	0.04	<10	<10	50	<10	66
DD002533		<20	0.05	<10	<10	53	<10	53
DD002534		<20	0.07	<10	<10	58	<10	61
DD002535		<20	0.03	<10	<10	42	<10	77
DD002536		<20	0.07	<10	<10	52	<10	76
DD002537		<20	0.07	<10	<10	68	<10	69
DD002538		<20	0.03	<10	<10	35	<10	49
DD002539		<20	0.06	<10	<10	41	<10	62
DD002540		<20	0.05	<10	<10	52	<10	188



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002541		0.14	0.009	0.7	0.93	11	<10	170	<0.5	<2	0.19	0.6	4	14	75	1.92
DD002542		0.20	0.029	0.8	1.90	20	<10	300	0.6	3	0.24	<0.5	9	40	88	3.31
DD002543		0.25	0.031	1.0	1.71	15	<10	280	0.5	<2	0.24	<0.5	8	26	51	2.23
DD002544		0.19	0.030	0.8	1.54	19	<10	230	<0.5	<2	0.32	<0.5	8	20	26	2.26
DD002545		0.12	<0.005	0.2	0.61	4	<10	100	<0.5	<2	0.25	<0.5	2	6	9	0.95
DD002546		0.20	0.013	0.3	1.61	15	<10	310	0.5	<2	0.68	<0.5	9	19	37	2.70
DD002547		0.24	0.020	0.3	1.49	20	<10	200	<0.5	<2	0.46	<0.5	10	23	26	3.51
DD002548		0.23	0.015	0.4	1.78	13	<10	210	0.5	<2	0.31	<0.5	7	23	38	2.35
DD002549		0.16	0.011	0.4	1.28	7	<10	250	<0.5	<2	0.36	<0.5	6	16	27	2.27
DD002550		0.16	0.060	1.1	1.59	24	<10	300	0.5	<2	0.31	<0.5	5	18	74	2.86
DD002551		0.15	0.040	1.2	2.30	20	<10	540	0.7	<2	0.49	<0.5	16	28	54	3.49
DD002552		0.15	0.016	0.6	1.59	15	<10	370	<0.5	<2	0.44	<0.5	8	21	57	2.50
DD002553		0.09	0.005	0.4	0.52	4	<10	230	<0.5	<2	0.55	0.6	3	6	14	1.14
DD002554		0.15	0.013	0.3	1.09	14	<10	190	<0.5	<2	0.22	<0.5	5	16	19	1.98
DD002555		0.25	0.108	1.7	1.03	182	<10	500	0.8	4	0.21	3.2	9	6	838	5.84
DD002556		0.19	0.026	0.8	1.02	36	<10	240	0.5	<2	0.18	0.6	9	14	171	2.68
DD002557		0.22	NSS	3.0	0.82	249	<10	560	1.7	3	0.20	3.5	18	5	1870	15.0
DD002558		0.19	0.015	0.7	1.09	15	<10	170	<0.5	<2	0.17	<0.5	6	18	77	2.00
DD002559		0.24	0.042	0.7	1.18	27	<10	230	<0.5	2	0.18	<0.5	5	17	99	2.63
DD002560		0.28	0.207	1.6	1.12	26	<10	370	<0.5	3	0.20	0.7	4	16	188	2.21
DD002561		0.26	0.061	0.9	1.38	42	<10	290	<0.5	3	0.17	0.5	6	21	147	2.88
DD002562		0.29	0.231	1.4	1.55	86	<10	300	0.6	4	0.11	0.6	6	13	370	4.74
DD002563		0.27	0.042	1.9	2.23	59	<10	370	0.8	<2	0.36	0.7	11	34	49	3.79
DD002564		0.32	0.037	1.5	1.78	71	<10	290	0.7	2	0.29	0.6	9	28	34	3.30
DD002565		0.23	0.021	0.7	1.44	25	<10	230	<0.5	<2	0.27	<0.5	6	23	20	1.56
DD002566		0.30	0.039	0.3	1.44	28	<10	200	<0.5	<2	0.23	<0.5	5	22	13	2.17
DD002567		0.27	0.006	0.2	1.32	21	<10	180	<0.5	2	0.21	<0.5	4	24	15	1.82
DD002568		0.25	0.011	0.2	1.63	9	<10	240	<0.5	<2	0.29	<0.5	5	22	11	2.00
DD002569		0.40	0.028	1.4	1.57	18	<10	280	<0.5	<2	0.32	1.1	7	18	23	2.31
DD002570		0.15	0.014	0.2	1.43	46	<10	240	<0.5	2	0.28	<0.5	8	21	26	2.73
DD002571		0.14	0.022	1.9	1.90	10	<10	330	<0.5	<2	0.28	<0.5	8	22	18	1.55
DD002572		0.36	0.017	<0.2	1.22	10	<10	120	<0.5	<2	0.25	<0.5	7	17	14	1.89
DD002573		0.36	0.010	0.2	1.49	14	<10	210	<0.5	<2	0.27	<0.5	6	21	15	1.85
DD002574		0.32	0.006	0.2	1.36	13	<10	220	<0.5	<2	0.24	<0.5	4	19	12	1.97
DD002575		0.20	0.018	0.5	1.10	13	<10	270	<0.5	<2	0.27	0.5	3	18	11	1.16
DD002576		0.35	0.045	1.0	1.27	34	<10	230	<0.5	<2	0.26	0.6	5	20	14	1.66
DD002577		0.19	0.022	0.7	1.01	44	<10	310	<0.5	<2	0.29	0.7	5	16	13	1.42
DD002581		0.21	<0.005	0.4	1.01	24	<10	190	1.0	2	0.09	<0.5	13	14	44	3.85
DD002582		0.26	0.005	0.3	1.23	26	<10	360	1.1	3	0.27	0.8	15	14	41	4.02
DD002583		0.25	<0.005	<0.2	1.42	13	<10	180	<0.5	<2	0.25	<0.5	5	20	13	1.74



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Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
DD002541		<10	<1	0.05	10	0.19	322	3	0.02	6	480	25	0.02	4	2	20
DD002542		10	<1	0.08	20	0.58	824	5	0.01	10	680	61	0.04	3	3	25
DD002543		<10	<1	0.07	20	0.52	345	1	0.02	13	610	27	0.03	2	5	21
DD002544		<10	<1	0.06	10	0.40	743	1	0.02	9	680	16	0.05	<2	3	27
DD002545		<10	<1	0.03	<10	0.10	106	<1	0.04	2	550	2	0.04	<2	1	22
DD002546		<10	<1	0.07	10	0.45	606	<1	0.03	9	680	12	0.04	<2	4	46
DD002547		10	<1	0.07	10	0.46	450	1	0.03	10	570	33	0.03	<2	5	37
DD002548		10	<1	0.06	10	0.46	234	1	0.02	11	740	20	0.04	<2	4	27
DD002549		<10	<1	0.05	10	0.34	325	1	0.02	7	760	9	0.05	<2	3	30
DD002550		<10	<1	0.08	20	0.38	204	2	0.02	8	740	22	0.04	2	5	28
DD002551		10	<1	0.09	20	0.54	885	1	0.02	12	990	32	0.05	<2	5	61
DD002552		<10	<1	0.06	10	0.42	461	1	0.01	9	830	17	0.04	<2	3	48
DD002553		<10	<1	0.05	10	0.09	189	<1	0.03	2	530	9	0.06	<2	1	81
DD002554		<10	1	0.07	10	0.27	191	<1	0.01	12	340	41	0.02	<2	2	23
DD002555		<10	<1	0.31	30	0.32	479	37	0.02	4	790	513	0.54	22	5	60
DD002556		<10	<1	0.07	10	0.22	357	1	0.01	8	620	94	0.03	3	3	21
DD002557		<10	1	0.15	30	0.08	894	112	0.01	12	2530	457	0.18	13	9	41
DD002558		<10	<1	0.08	10	0.33	233	1	0.01	10	300	19	0.02	<2	3	15
DD002559		<10	<1	0.11	10	0.28	251	2	0.01	9	430	33	0.05	2	3	18
DD002560		<10	<1	0.10	10	0.28	152	3	0.01	8	500	47	0.05	4	3	23
DD002561		<10	<1	0.14	10	0.39	275	6	0.01	10	330	51	0.09	7	3	29
DD002562		<10	<1	0.22	30	0.25	221	19	0.01	6	620	83	0.29	8	3	48
DD002563		10	1	0.12	20	0.49	878	1	0.01	20	1040	85	0.09	3	6	27
DD002564		<10	<1	0.11	10	0.46	966	1	0.01	17	710	121	0.07	2	6	27
DD002565		<10	<1	0.07	20	0.43	170	<1	0.01	11	520	53	0.05	<2	5	16
DD002566		<10	<1	0.08	10	0.39	168	<1	0.01	11	400	31	0.03	<2	4	15
DD002567		<10	<1	0.06	10	0.39	161	<1	0.01	9	450	53	0.04	2	3	14
DD002568		10	<1	0.06	10	0.53	148	<1	0.01	9	760	38	0.06	<2	4	21
DD002569		<10	<1	0.07	10	0.53	246	7	0.01	9	510	62	0.04	<2	6	24
DD002570		10	<1	0.07	10	0.47	433	14	0.01	11	360	32	0.03	2	4	26
DD002571		<10	1	0.06	10	0.31	476	4	0.01	9	860	19	0.07	<2	2	23
DD002572		<10	<1	0.07	10	0.36	284	<1	0.01	9	680	17	0.02	<2	3	14
DD002573		<10	<1	0.06	10	0.36	425	<1	0.01	10	720	38	0.03	<2	3	15
DD002574		<10	<1	0.05	10	0.36	143	<1	0.01	9	600	35	0.02	<2	3	14
DD002575		<10	<1	0.06	10	0.31	148	<1	0.01	7	580	72	0.02	<2	2	17
DD002576		<10	<1	0.06	10	0.38	150	<1	0.01	10	550	76	0.02	<2	3	17
DD002577		<10	<1	0.05	10	0.28	393	<1	0.01	7	630	43	0.03	<2	2	20
DD002581		<10	1	0.20	30	0.20	562	4	0.02	9	690	65	0.26	7	5	24
DD002582		<10	<1	0.16	30	0.29	1190	3	0.02	9	720	54	0.20	5	5	29
DD002583		<10	<1	0.06	10	0.40	148	<1	0.01	10	530	13	0.04	<2	3	15



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Project: Klaza

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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
DD002541		<20	0.05	<10	<10	40	<10	66
DD002542		<20	0.04	<10	<10	59	<10	120
DD002543		<20	0.06	<10	<10	50	<10	77
DD002544		<20	0.04	<10	<10	53	<10	56
DD002545		<20	0.04	<10	<10	27	<10	15
DD002546		<20	0.06	<10	<10	68	<10	57
DD002547		<20	0.07	<10	<10	81	<10	66
DD002548		<20	0.05	<10	<10	56	<10	68
DD002549		<20	0.06	<10	<10	58	<10	50
DD002550		<20	0.04	<10	<10	57	<10	58
DD002551		<20	0.04	<10	<10	65	<10	93
DD002552		<20	0.04	<10	<10	56	<10	57
DD002553		<20	0.04	<10	<10	30	<10	46
DD002554		<20	0.04	<10	<10	39	<10	88
DD002555		<20	0.02	<10	10	38	<10	613
DD002556		<20	0.03	<10	<10	42	<10	155
DD002557		20	<0.01	<10	10	28	<10	445
DD002558		<20	0.05	<10	<10	37	<10	64
DD002559		<20	0.04	<10	<10	42	<10	103
DD002560		<20	0.03	<10	<10	38	<10	97
DD002561		<20	0.04	<10	<10	45	<10	93
DD002562		<20	0.01	<10	<10	41	<10	168
DD002563		<20	0.03	<10	<10	63	<10	257
DD002564		<20	0.03	<10	<10	52	<10	188
DD002565		<20	0.04	<10	<10	46	<10	89
DD002566		<20	0.04	<10	<10	47	<10	85
DD002567		<20	0.04	<10	<10	40	<10	106
DD002568		<20	0.04	<10	<10	50	<10	90
DD002569		<20	0.05	<10	<10	62	<10	182
DD002570		<20	0.05	<10	<10	59	<10	105
DD002571		<20	0.02	<10	<10	31	<10	81
DD002572		<20	0.06	<10	<10	41	<10	63
DD002573		<20	0.05	<10	<10	42	<10	81
DD002574		<20	0.05	<10	<10	45	<10	73
DD002575		<20	0.05	<10	<10	32	<10	125
DD002576		<20	0.06	<10	<10	40	<10	191
DD002577		<20	0.03	<10	<10	30	<10	155
DD002581		20	0.02	<10	10	39	<10	207
DD002582		<20	0.02	<10	10	46	<10	132
DD002583		<20	0.05	<10	<10	38	<10	50



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002584		0.26	0.011	0.3	1.36	223	<10	180	0.5	3	0.22	<0.5	8	19	28	2.82
DD002585		0.25	0.024	0.4	1.52	119	<10	220	0.7	5	0.22	<0.5	15	29	92	3.89
DD002586		0.16	0.030	1.6	1.89	76	<10	720	1.2	3	0.29	<0.5	9	27	159	3.55
DD002587		0.25	0.012	0.7	1.68	64	<10	470	0.7	2	0.41	<0.5	9	25	101	3.29
DD002588		0.33	0.012	0.4	1.40	44	<10	300	0.5	<2	0.23	<0.5	6	21	39	2.10
DD002589		0.31	0.007	0.3	1.36	64	<10	320	<0.5	<2	0.24	<0.5	6	19	24	2.21
DD002590		0.23	0.012	0.3	1.86	90	<10	540	0.5	<2	0.32	<0.5	5	23	28	2.93
DD002591		0.27	0.011	1.3	2.62	40	<10	490	0.5	<2	0.29	<0.5	7	39	27	3.11
DD002592		0.26	0.005	0.3	1.76	14	<10	290	<0.5	2	0.26	<0.5	8	23	35	2.66
DD002593		0.15	0.016	0.7	1.98	15	<10	350	0.5	<2	0.24	<0.5	4	25	30	2.18
DD002594		0.24	<0.005	0.2	1.71	8	<10	290	<0.5	<2	0.25	<0.5	7	23	15	2.01
DD002595		0.30	<0.005	0.2	1.74	9	<10	260	<0.5	<2	0.29	<0.5	8	25	15	2.28
DD002596		0.35	0.014	<0.2	1.42	8	<10	210	<0.5	<2	0.25	<0.5	5	24	15	1.96
DD002597		0.29	0.006	0.4	1.76	9	<10	320	0.5	<2	0.26	<0.5	7	29	31	1.97
DD002598		0.35	0.019	0.9	1.72	15	<10	320	0.5	<2	0.36	<0.5	7	23	24	2.50
DD002599		0.34	<0.005	0.2	1.13	12	<10	140	<0.5	<2	0.24	<0.5	5	18	11	1.69
DD002600		0.14	0.037	2.7	2.16	55	<10	550	0.6	<2	0.32	1.3	6	20	39	2.20
DD002601		0.23	0.010	0.2	1.50	45	<10	190	<0.5	<2	0.26	0.6	5	22	16	2.44
DD002602		0.35	0.016	0.7	1.75	49	<10	220	<0.5	<2	0.30	0.5	8	25	18	2.44
DD002603		0.17	0.020	1.2	1.81	236	<10	320	<0.5	<2	0.33	0.5	13	23	18	9.23
DD002604		0.24	0.007	0.6	1.81	12	<10	200	0.6	<2	0.30	0.5	5	28	23	2.17
DD002605		0.22	0.006	0.5	1.61	9	<10	190	<0.5	<2	0.38	<0.5	6	27	17	2.11
DD002606		0.26	<0.005	0.2	1.30	9	<10	240	<0.5	<2	0.43	<0.5	6	25	26	2.16
DD002630		0.31	0.027	0.8	1.21	74	<10	250	<0.5	<2	0.30	0.5	4	20	11	1.70
DD002631		0.22	0.038	1.4	1.92	85	<10	340	<0.5	<2	0.33	0.9	6	26	20	2.62
DD002632		0.08	0.044	1.6	2.07	33	<10	510	0.5	<2	0.37	2.6	4	30	34	1.78
DD002633		0.16	0.030	1.2	1.57	16	<10	430	<0.5	<2	0.31	1.4	16	24	18	3.77
DD002634		0.21	0.005	0.2	1.81	18	<10	280	0.5	<2	0.30	0.6	12	16	19	3.21
DD002635		0.30	0.007	0.2	1.70	17	<10	300	<0.5	<2	0.32	<0.5	5	25	18	2.45
DD002636		0.19	0.033	2.3	3.36	38	<10	520	1.0	<2	0.32	0.6	9	26	57	3.10
DD002637		0.18	0.022	1.3	1.99	28	<10	340	0.6	<2	0.33	<0.5	10	27	59	2.48
DD002638		0.29	0.126	1.2	1.56	54	<10	290	0.5	<2	0.29	0.7	16	19	67	3.49
DD002639		0.12	0.009	0.5	1.63	5	<10	340	<0.5	<2	0.40	0.6	4	25	26	1.79
DD002640		0.13	0.007	0.5	1.66	13	<10	470	0.6	<2	0.43	0.9	5	29	36	2.15
DD002641		0.16	<0.005	0.2	1.30	9	<10	130	<0.5	<2	0.26	<0.5	6	17	6	2.07
DD002642		0.22	0.008	0.4	1.85	18	<10	290	0.5	<2	0.31	0.6	8	30	20	2.21
DD002643		0.24	0.007	0.4	1.56	11	<10	220	<0.5	<2	0.25	0.5	7	28	15	2.08
DD002644		0.35	0.005	0.3	1.52	16	<10	240	<0.5	<2	0.25	<0.5	8	23	19	2.15
DD002645		0.20	0.005	0.3	1.18	26	<10	230	<0.5	<2	0.26	<0.5	5	20	10	2.36
DD002646		0.22	0.019	1.5	1.43	48	<10	310	0.5	<2	0.24	1.0	7	23	26	3.00





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Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
DD002584		<10	<1	0.10	20	0.35	882	4	0.01	9	620	25	0.04	5	3	15
DD002585		<10	<1	0.12	20	0.54	1265	3	0.01	13	410	36	0.04	5	6	17
DD002586		10	1	0.16	50	0.37	698	1	0.01	15	790	41	0.05	7	5	24
DD002587		10	<1	0.13	20	0.41	693	2	0.01	14	610	28	0.05	6	4	27
DD002588		<10	<1	0.08	10	0.38	446	<1	0.01	11	600	17	0.04	2	3	18
DD002589		<10	<1	0.08	10	0.40	314	<1	0.01	10	630	22	0.04	<2	3	20
DD002590		10	<1	0.08	10	0.37	559	1	0.01	11	1040	28	0.06	3	2	31
DD002591		10	<1	0.15	10	0.59	262	1	0.01	16	900	28	0.05	<2	7	23
DD002592		10	<1	0.14	10	0.68	491	<1	0.01	12	450	18	0.03	2	6	20
DD002593		10	<1	0.10	10	0.45	241	1	0.01	10	770	20	0.07	<2	5	20
DD002594		<10	<1	0.10	10	0.59	483	<1	0.02	12	400	18	0.03	<2	5	21
DD002595		10	<1	0.12	10	0.62	313	<1	0.02	12	560	13	0.02	<2	5	20
DD002596		<10	<1	0.08	10	0.46	192	1	0.01	9	710	14	0.05	<2	4	21
DD002597		10	<1	0.10	10	0.55	219	2	0.01	13	560	20	0.05	<2	5	23
DD002598		<10	<1	0.08	20	0.56	266	15	0.01	8	590	62	0.05	<2	7	29
DD002599		<10	<1	0.06	10	0.38	166	4	0.01	9	550	19	0.02	<2	3	16
DD002600		10	<1	0.07	20	0.34	262	4	0.02	8	1220	53	0.09	<2	5	31
DD002601		10	<1	0.08	10	0.40	315	1	0.01	9	420	36	0.02	<2	3	22
DD002602		10	<1	0.09	10	0.48	248	<1	0.01	10	600	83	0.02	<2	4	20
DD002603		10	<1	0.07	10	0.37	867	2	0.01	5	760	191	0.04	<2	4	25
DD002604		10	<1	0.10	10	0.45	359	<1	0.01	14	580	30	0.02	<2	4	20
DD002605		<10	<1	0.08	10	0.46	372	<1	0.01	13	590	20	0.02	<2	4	21
DD002606		<10	<1	0.08	10	0.44	215	<1	0.02	10	530	19	0.02	2	4	25
DD002630		<10	<1	0.07	10	0.37	159	<1	0.01	8	560	75	0.02	<2	3	20
DD002631		<10	<1	0.09	10	0.38	478	<1	0.01	9	740	125	0.04	<2	4	26
DD002632		10	<1	0.08	10	0.30	187	<1	0.02	9	1330	81	0.14	2	3	34
DD002633		10	<1	0.07	10	0.32	1485	<1	0.01	7	780	49	0.06	<2	3	27
DD002634		10	<1	0.13	20	0.54	857	3	0.01	9	810	84	0.02	<2	7	18
DD002635		10	<1	0.07	10	0.43	308	1	0.01	9	790	31	0.03	<2	3	24
DD002636		10	<1	0.14	30	0.54	542	11	0.02	10	980	59	0.08	2	7	29
DD002637		10	<1	0.09	20	0.52	315	4	0.01	14	770	17	0.05	<2	6	44
DD002638		10	<1	0.09	20	0.62	1115	14	0.01	8	450	100	0.04	6	6	30
DD002639		<10	<1	0.07	10	0.44	164	4	0.01	9	1000	19	0.14	<2	4	38
DD002640		<10	<1	0.08	20	0.41	178	3	0.02	13	1380	25	0.17	<2	4	41
DD002641		<10	<1	0.05	10	0.59	304	1	0.02	6	670	9	0.04	<2	3	17
DD002642		<10	<1	0.07	20	0.51	170	2	0.02	13	1060	34	0.07	<2	5	25
DD002643		<10	<1	0.07	10	0.49	204	1	0.01	11	550	37	0.03	<2	5	17
DD002644		<10	<1	0.08	10	0.53	206	1	0.01	10	510	33	0.03	<2	5	16
DD002645		<10	<1	0.06	10	0.29	182	1	0.01	7	690	29	0.03	<2	3	15
DD002646		<10	<1	0.09	10	0.34	916	3	0.01	11	840	98	0.06	3	3	21



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**CERTIFICATE OF ANALYSIS WH12194253**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
DD002584		<20	0.03	<10	<10	39	<10	92
DD002585		<20	0.04	<10	<10	63	<10	187
DD002586		<20	0.02	<10	<10	50	<10	117
DD002587		<20	0.03	<10	<10	55	<10	104
DD002588		<20	0.04	<10	<10	41	<10	54
DD002589		<20	0.04	<10	<10	42	<10	72
DD002590		<20	0.02	<10	<10	49	<10	110
DD002591		<20	0.02	<10	<10	68	<10	97
DD002592		<20	0.09	<10	<10	64	<10	78
DD002593		<20	0.03	<10	<10	61	<10	60
DD002594		<20	0.07	<10	<10	46	<10	84
DD002595		<20	0.09	<10	<10	54	<10	63
DD002596		<20	0.06	<10	<10	46	<10	72
DD002597		<20	0.07	<10	<10	53	<10	73
DD002598		<20	0.05	<10	10	56	<10	99
DD002599		<20	0.06	<10	<10	37	<10	59
DD002600		<20	0.02	<10	<10	50	<10	198
DD002601		<20	0.07	<10	<10	58	<10	149
DD002602		<20	0.08	<10	<10	53	<10	163
DD002603		<20	0.05	<10	<10	79	<10	191
DD002604		<20	0.07	<10	<10	48	<10	81
DD002605		<20	0.08	<10	<10	47	<10	74
DD002606		<20	0.08	<10	<10	49	<10	64
DD002630		<20	0.06	<10	<10	44	<10	137
DD002631		<20	0.04	<10	<10	64	<10	206
DD002632		<20	0.04	<10	<10	34	<10	173
DD002633		<20	0.05	<10	<10	33	<10	168
DD002634		<20	0.06	<10	<10	63	<10	155
DD002635		<20	0.06	<10	<10	56	<10	110
DD002636		<20	0.02	<10	<10	94	<10	114
DD002637		<20	0.04	<10	<10	57	<10	64
DD002638		<20	0.05	<10	<10	67	<10	152
DD002639		<20	0.03	<10	<10	35	<10	89
DD002640		<20	0.04	<10	10	48	<10	80
DD002641		<20	0.06	<10	<10	49	<10	91
DD002642		<20	0.04	<10	10	52	<10	108
DD002643		<20	0.06	<10	<10	50	<10	98
DD002644		<20	0.06	<10	<10	51	<10	82
DD002645		<20	0.03	<10	<10	45	<10	66
DD002646		<20	0.03	<10	<10	46	<10	243



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**CERTIFICATE OF ANALYSIS WH12194253**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002647		0.24	0.012	0.7	1.50	18	<10	210	0.5	<2	0.18	<0.5	6	24	24	2.03
DD002648		0.24	<0.005	0.7	1.42	96	<10	190	<0.5	<2	0.24	<0.5	12	23	14	2.77
DD002649		0.13	<0.005	0.5	1.07	16	<10	140	<0.5	<2	0.23	<0.5	4	18	17	2.29
DD002650		0.14	0.006	0.6	2.19	95	<10	330	0.9	2	0.33	<0.5	20	33	28	7.03
DD002651		0.21	0.011	0.6	1.86	48	<10	300	0.5	<2	0.30	<0.5	5	34	26	2.61
DD002652		0.21	0.016	0.4	1.69	93	<10	260	0.7	<2	0.34	<0.5	5	20	32	2.90
DD002653		0.22	0.009	0.2	1.87	74	<10	250	0.8	2	0.15	<0.5	15	29	26	4.28
DD002654		0.25	0.008	<0.2	1.57	203	<10	140	0.5	<2	0.11	<0.5	7	18	16	3.17
DD002655		0.30	0.008	0.3	2.35	142	<10	190	1.1	10	0.11	<0.5	18	19	55	4.86
DD002656		0.36	<0.005	0.4	1.75	8	<10	230	<0.5	8	0.30	<0.5	7	31	28	2.93
DD002657		0.28	0.006	0.5	1.63	18	<10	310	<0.5	2	0.22	<0.5	8	26	29	2.29
DD002658		0.16	0.014	0.6	1.94	36	<10	520	0.6	<2	0.25	<0.5	9	26	48	3.04
DD002659		0.18	0.007	0.7	2.02	54	<10	280	0.6	<2	0.16	<0.5	11	24	28	3.01
DD002660		0.23	0.010	0.3	1.28	85	<10	240	0.5	<2	0.17	<0.5	7	22	24	2.52
DD002661		0.19	0.014	0.7	1.70	39	<10	230	0.6	<2	0.19	0.5	7	26	26	2.59
DD002662		0.14	<0.005	0.5	2.01	17	<10	140	<0.5	<2	0.17	<0.5	7	28	17	2.89
DD002663		0.20	0.006	0.4	1.59	15	<10	130	0.5	<2	0.16	0.5	5	22	21	2.20
DD002664		0.16	<0.005	0.9	1.69	17	<10	200	0.5	<2	0.20	0.6	5	27	25	2.50
DD002665		0.17	<0.005	0.2	1.02	61	<10	110	<0.5	<2	0.13	<0.5	10	17	10	2.11
DD002666		0.28	<0.005	0.2	1.55	22	<10	310	0.5	<2	0.31	<0.5	8	21	25	2.12
DD002667		0.28	<0.005	0.4	1.64	13	<10	300	<0.5	<2	0.24	<0.5	6	24	17	2.00
DD002669		0.25	0.010	0.8	1.85	41	<10	330	0.6	<2	0.26	0.7	9	29	23	2.74
DD002670		0.25	0.017	0.8	1.81	58	<10	210	<0.5	<2	0.18	<0.5	8	25	19	2.83
DD002671		0.33	0.016	0.5	1.18	113	<10	240	<0.5	<2	0.28	<0.5	6	22	17	2.64
DD002672		0.26	0.013	0.7	1.81	29	<10	310	0.6	<2	0.25	0.5	5	25	24	2.01
DD002673		0.34	0.013	0.3	1.28	14	<10	190	<0.5	<2	0.28	<0.5	5	18	11	1.43
DD002674		0.32	0.040	2.4	2.37	179	<10	440	0.8	3	0.38	<0.5	6	29	67	3.77
DD002675		0.45	0.013	0.7	1.89	68	<10	330	0.6	<2	0.30	<0.5	7	24	30	2.57
DD002676		0.34	0.020	0.2	1.61	67	<10	270	<0.5	<2	0.34	<0.5	6	23	10	2.12
DD002677		0.35	<0.005	0.2	2.29	18	<10	230	<0.5	<2	0.28	<0.5	9	24	16	2.20
DD002678		0.24	0.019	0.6	2.27	101	<10	300	0.8	<2	0.52	1.1	13	20	25	4.13
DD002679		0.26	<0.005	0.3	1.92	14	<10	220	0.6	<2	0.14	<0.5	6	27	19	2.63
DD002680		0.33	0.012	1.0	1.33	66	<10	340	<0.5	4	0.17	<0.5	6	22	37	2.88
DD002681		0.18	0.010	0.5	1.42	49	<10	200	0.5	<2	0.13	<0.5	6	22	36	2.82
DD002682		0.19	<0.005	0.2	1.40	29	<10	150	0.5	<2	0.13	<0.5	5	23	23	2.76
DD002683		0.19	<0.005	0.7	2.09	18	<10	160	<0.5	<2	0.14	<0.5	7	32	18	2.96
DD002684		0.23	<0.005	0.4	1.73	18	<10	120	<0.5	<2	0.15	<0.5	7	26	17	2.36
DD002685		0.25	<0.005	0.3	1.37	18	<10	210	<0.5	<2	0.16	<0.5	4	24	15	2.30
DD002687		0.20	<0.005	0.4	1.78	38	<10	220	0.6	<2	0.21	<0.5	6	26	19	2.58
DD002688		0.26	<0.005	0.2	1.39	47	<10	160	0.5	<2	0.20	<0.5	5	20	16	2.09



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
DD002647		<10	<1	0.09	20	0.38	500	1	0.01	9	520	39	0.05	2	4
DD002648		<10	<1	0.06	10	0.36	556	1	0.01	8	830	25	0.05	<2	3
DD002649		<10	<1	0.05	10	0.25	162	1	0.01	5	1010	15	0.10	<2	2
DD002650		10	<1	0.09	20	0.45	629	6	0.01	8	1480	20	0.10	<2	7
DD002651		10	<1	0.10	10	0.37	379	3	0.01	34	990	23	0.07	2	4
DD002652		<10	<1	0.10	20	0.29	363	4	0.02	13	780	22	0.05	<2	2
DD002653		<10	<1	0.12	30	0.53	1225	5	0.01	16	500	25	0.03	<2	4
DD002654		10	<1	0.09	20	0.29	631	2	0.01	9	430	32	0.04	2	2
DD002655		10	<1	0.14	20	0.53	1220	2	0.02	11	510	48	0.04	4	5
DD002656		<10	<1	0.14	10	0.69	338	1	0.02	11	370	16	0.01	<2	6
DD002657		<10	<1	0.10	10	0.48	490	1	0.01	10	460	20	0.03	3	4
DD002658		10	<1	0.13	20	0.48	484	2	0.02	13	510	52	0.07	5	4
DD002659		10	<1	0.10	10	0.48	613	1	0.01	12	350	41	0.02	4	4
DD002660		<10	<1	0.09	10	0.35	653	1	0.01	10	460	37	0.03	6	3
DD002661		10	<1	0.10	10	0.43	409	1	0.01	12	490	38	0.02	4	3
DD002662		10	<1	0.07	10	0.37	444	1	0.01	12	390	15	0.02	<2	3
DD002663		<10	<1	0.06	10	0.32	270	1	0.01	10	500	21	0.02	<2	3
DD002664		10	<1	0.08	10	0.38	230	<1	0.01	10	410	15	0.02	3	3
DD002665		10	<1	0.08	10	0.24	1135	1	0.01	7	690	22	0.01	2	2
DD002666		<10	<1	0.07	20	0.38	303	1	0.02	9	500	20	0.01	2	4
DD002667		<10	<1	0.07	10	0.40	527	<1	0.01	10	640	12	0.02	<2	3
DD002669		10	<1	0.11	10	0.43	570	1	0.01	11	800	42	0.04	2	4
DD002670		10	<1	0.07	10	0.40	802	2	0.01	10	920	32	0.04	2	2
DD002671		<10	<1	0.09	10	0.39	543	2	0.01	8	720	48	0.04	3	3
DD002672		10	<1	0.07	20	0.40	286	1	0.01	9	920	19	0.05	3	4
DD002673		<10	<1	0.06	10	0.38	178	<1	0.01	8	600	20	0.02	<2	3
DD002674		10	<1	0.13	20	0.46	837	4	0.02	13	870	45	0.05	9	7
DD002675		10	<1	0.09	20	0.48	422	1	0.02	12	620	39	0.03	2	4
DD002676		<10	<1	0.11	10	0.50	404	1	0.02	10	530	13	0.03	2	4
DD002677		10	<1	0.08	10	0.66	214	<1	0.03	13	440	11	0.07	<2	5
DD002678		10	<1	0.12	10	0.66	1260	3	0.03	10	760	32	0.07	3	6
DD002679		10	<1	0.08	20	0.42	248	1	0.01	11	440	17	0.03	<2	3
DD002680		<10	<1	0.10	20	0.31	372	3	0.01	9	520	46	0.09	7	3
DD002681		<10	<1	0.11	20	0.32	434	4	0.01	9	440	42	0.05	7	2
DD002682		10	<1	0.09	10	0.31	362	1	0.01	8	450	22	0.03	2	2
DD002683		10	<1	0.08	10	0.45	255	<1	0.01	13	340	27	0.03	<2	3
DD002684		<10	<1	0.09	10	0.43	258	<1	0.01	13	350	16	0.03	2	3
DD002685		10	<1	0.09	10	0.34	195	1	0.01	9	290	15	0.02	<2	3
DD002687		10	<1	0.10	10	0.43	265	<1	0.01	12	480	18	0.02	<2	3
DD002688		<10	<1	0.09	10	0.38	312	<1	0.01	9	520	18	0.01	2	3



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
DD002647		<20	0.04	<10	<10	43	<10	76
DD002648		<20	0.04	<10	<10	53	<10	62
DD002649		<20	0.03	<10	<10	28	<10	41
DD002650		<20	0.03	<10	<10	83	<10	56
DD002651		<20	0.03	<10	<10	54	<10	76
DD002652		<20	0.02	<10	<10	52	<10	64
DD002653		<20	0.04	<10	<10	56	<10	66
DD002654		<20	0.04	<10	<10	56	<10	44
DD002655		<20	0.04	<10	<10	69	<10	92
DD002656		<20	0.08	<10	<10	63	<10	62
DD002657		<20	0.05	<10	<10	48	<10	53
DD002658		<20	0.05	<10	<10	56	<10	87
DD002659		<20	0.04	<10	<10	57	<10	94
DD002660		<20	0.05	<10	<10	46	<10	97
DD002661		<20	0.07	<10	<10	51	<10	88
DD002662		<20	0.10	<10	<10	63	<10	52
DD002663		<20	0.06	<10	<10	45	<10	62
DD002664		<20	0.08	<10	<10	59	<10	69
DD002665		<20	0.07	<10	<10	47	<10	64
DD002666		<20	0.04	<10	<10	48	<10	63
DD002667		<20	0.05	<10	<10	45	<10	52
DD002669		<20	0.04	<10	<10	57	<10	115
DD002670		<20	0.02	<10	<10	52	<10	88
DD002671		<20	0.04	<10	<10	45	<10	117
DD002672		<20	0.03	<10	<10	51	<10	62
DD002673		<20	0.05	<10	<10	35	<10	79
DD002674		<20	0.02	<10	<10	55	<10	145
DD002675		<20	0.04	<10	<10	52	<10	92
DD002676		<20	0.06	<10	<10	50	<10	62
DD002677		<20	0.08	<10	<10	55	<10	54
DD002678		<20	0.04	<10	<10	75	<10	145
DD002679		<20	0.06	<10	<10	56	<10	55
DD002680		<20	0.03	<10	<10	47	<10	69
DD002681		<20	0.05	<10	<10	51	<10	80
DD002682		<20	0.08	<10	<10	66	<10	67
DD002683		<20	0.11	<10	<10	71	<10	58
DD002684		<20	0.08	<10	<10	51	<10	47
DD002685		<20	0.09	<10	<10	61	<10	44
DD002687		<20	0.08	<10	<10	55	<10	66
DD002688		<20	0.06	<10	<10	42	<10	72



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002689		0.34	<0.005	0.2	1.84	39	<10	350	0.5	<2	0.22	<0.5	6	27	20	2.40
DD002690		0.22	0.005	0.5	1.76	44	<10	350	<0.5	<2	0.25	<0.5	4	25	16	1.88
DD002691		0.30	0.005	0.3	1.51	31	<10	220	<0.5	<2	0.28	<0.5	4	21	12	1.46
DD002692		0.16	<0.005	0.5	2.42	49	<10	340	0.8	<2	0.25	<0.5	12	32	25	2.94
DD002693		0.26	<0.005	<0.2	1.71	25	<10	150	<0.5	<2	0.19	<0.5	6	23	14	2.24
DD002694		0.20	<0.005	0.3	1.25	13	<10	170	<0.5	<2	0.18	<0.5	3	17	15	1.62
DD002695		0.22	<0.005	<0.2	1.51	18	<10	90	<0.5	<2	0.18	<0.5	6	21	11	2.03
DD002696		0.22	<0.005	<0.2	1.64	26	<10	140	0.5	<2	0.16	<0.5	7	24	16	2.27
DD002697		0.23	0.006	0.2	2.12	28	<10	250	0.8	<2	0.23	<0.5	8	26	31	2.66
DD002698		0.22	<0.005	0.2	2.29	26	<10	210	0.5	<2	0.16	<0.5	9	31	18	2.85
DD002699		0.21	0.013	0.8	1.97	58	<10	860	0.7	5	0.29	0.5	8	27	70	3.52
DD002700		0.19	<0.005	0.2	1.45	15	<10	110	<0.5	<2	0.12	<0.5	5	24	15	2.77
DD002701		0.24	<0.005	0.2	1.34	12	<10	160	<0.5	<2	0.53	<0.5	7	17	20	2.52
DD002702		0.29	0.021	0.3	1.51	26	<10	220	<0.5	<2	0.49	1.1	9	22	24	2.83
DD002703		0.20	<0.005	0.6	1.13	11	<10	200	<0.5	<2	0.67	<0.5	6	13	18	1.87



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12194253**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
DD002689		10	<1	0.10	10	0.49	307	1	0.02	12	450	20	0.02	2	3	20
DD002690		10	1	0.10	10	0.41	223	1	0.01	12	680	19	0.03	<2	2	20
DD002691		<10	<1	0.08	10	0.38	158	<1	0.01	9	480	17	0.02	<2	2	19
DD002692		10	1	0.10	10	0.45	860	1	0.01	13	610	21	0.02	2	4	24
DD002693		10	1	0.07	10	0.36	207	1	0.01	10	300	15	0.02	2	3	17
DD002694		10	<1	0.07	10	0.23	121	1	0.01	6	290	14	0.02	<2	2	18
DD002695		<10	<1	0.08	10	0.39	216	<1	0.01	12	360	12	0.02	<2	3	14
DD002696		<10	1	0.11	10	0.44	398	1	0.01	13	390	15	0.03	<2	2	14
DD002697		<10	1	0.07	20	0.43	377	1	0.01	13	590	19	0.03	2	4	20
DD002698		10	1	0.09	10	0.51	314	1	0.01	16	280	18	0.03	2	4	16
DD002699		10	1	0.15	30	0.40	416	3	0.02	12	680	55	0.18	9	5	39
DD002700		10	<1	0.08	20	0.32	178	2	0.01	10	320	21	0.08	2	2	11
DD002701		<10	1	0.06	10	0.45	312	1	0.03	7	670	9	0.03	<2	4	34
DD002702		10	<1	0.08	10	0.54	676	1	0.02	10	400	23	0.02	2	5	31
DD002703		<10	<1	0.04	10	0.34	356	1	0.03	6	710	11	0.06	<2	3	44



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12194253**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
DD002689		<20	0.06	<10	<10	56	<10	81
DD002690		<20	0.04	<10	<10	43	<10	72
DD002691		<20	0.05	<10	<10	34	<10	56
DD002692		<20	0.07	<10	<10	61	<10	78
DD002693		<20	0.07	<10	<10	50	<10	46
DD002694		<20	0.07	<10	<10	42	<10	29
DD002695		<20	0.07	<10	<10	43	<10	36
DD002696		<20	0.07	<10	<10	47	<10	56
DD002697		<20	0.04	<10	<10	47	<10	56
DD002698		<20	0.09	<10	<10	59	<10	63
DD002699		<20	0.03	<10	<10	53	<10	103
DD002700		<20	0.08	<10	<10	57	<10	45
DD002701		<20	0.08	<10	<10	69	<10	50
DD002702		<20	0.08	<10	<10	66	<10	321
DD002703		<20	0.06	<10	<10	51	<10	42





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**CERTIFICATE OF ANALYSIS WH12194253**

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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**CERTIFICATE WH12194254**

Project: KLAZA  
P.O. No.: Batch 4  
This report is for 224 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002912		0.21	<0.005	0.3	0.87	50	<10	190	0.5	2	0.33	<0.5	6	12	125	4.05
DD002913		0.25	<0.005	0.3	1.19	7	<10	240	0.5	<2	0.38	<0.5	5	20	36	1.95
DD002914		0.11	<0.005	0.6	1.18	8	<10	340	0.5	<2	0.39	0.7	5	18	37	1.39
DD002915		0.23	<0.005	<0.2	1.33	10	<10	190	<0.5	<2	0.27	<0.5	7	22	12	2.41
DD002916		0.17	<0.005	0.6	1.05	29	<10	420	0.6	<2	0.45	0.7	7	13	35	2.28
DD002917		0.17	<0.005	0.6	0.68	37	<10	430	0.5	2	0.45	0.5	7	9	36	2.34
DD002918		0.16	0.020	1.0	1.70	58	<10	780	1.2	<2	0.39	<0.5	8	18	30	2.90
DD002919		0.22	<0.005	<0.2	0.97	27	<10	170	<0.5	<2	0.20	<0.5	12	19	33	2.81
DD002920		0.19	0.005	0.2	0.99	56	<10	220	<0.5	<2	0.27	<0.5	8	16	16	2.38
DD002921		0.19	<0.005	0.3	1.31	25	<10	340	0.5	<2	0.26	0.6	6	23	21	1.91
DD002922		0.21	<0.005	0.3	0.53	35	<10	550	0.7	<2	0.44	0.7	9	11	23	2.59
DD002923		0.21	<0.005	<0.2	1.33	16	<10	330	<0.5	<2	0.29	0.5	10	21	23	2.63
DD002924		0.18	<0.005	<0.2	0.72	18	<10	700	<0.5	2	0.33	<0.5	10	12	17	2.86
DD002925		0.16	NSS	0.4	1.05	22	<10	520	0.5	<2	0.72	2.4	10	27	32	2.52
DD002926		0.11	<0.005	0.3	1.54	14	<10	310	<0.5	<2	0.30	<0.5	5	16	13	1.48
DD002927		0.13	<0.005	0.3	1.88	13	<10	310	<0.5	<2	0.27	<0.5	5	21	31	1.69
DD002928		0.24	<0.005	<0.2	1.57	27	<10	200	<0.5	<2	0.25	<0.5	6	20	10	2.38
DD002929		0.21	<0.005	<0.2	1.04	17	<10	160	<0.5	<2	0.31	<0.5	3	15	8	1.26
DD002930		0.23	0.010	<0.2	1.43	17	<10	200	<0.5	<2	0.32	<0.5	7	21	13	1.62
DD002931		0.15	<0.005	0.2	1.38	7	<10	170	<0.5	<2	0.25	<0.5	5	20	12	1.31
DD002932		0.20	<0.005	<0.2	1.49	11	<10	200	<0.5	<2	0.31	<0.5	7	20	10	1.72
DD002933		0.22	<0.005	<0.2	1.53	9	<10	170	<0.5	<2	0.28	<0.5	7	20	10	1.83
DD002934		0.19	<0.005	0.2	1.65	19	<10	220	<0.5	<2	0.27	<0.5	11	20	14	2.44
DD002935		0.28	0.006	<0.2	0.83	24	<10	150	<0.5	<2	0.35	<0.5	6	15	14	1.87
DD002936		0.26	<0.005	<0.2	0.80	10	<10	130	<0.5	<2	0.36	<0.5	5	15	15	1.69
DD002937		0.21	<0.005	0.3	2.27	157	<10	570	0.7	2	0.43	0.6	16	15	28	5.85
DD002938		0.26	<0.005	0.2	1.76	22	<10	260	<0.5	<2	0.29	<0.5	8	24	20	2.49
DD002939		0.23	<0.005	<0.2	1.33	12	<10	150	<0.5	4	0.29	<0.5	7	18	13	1.92
DD002940		0.21	<0.005	<0.2	1.71	16	<10	240	<0.5	<2	0.26	<0.5	9	21	16	2.33
DD002941		0.22	<0.005	<0.2	1.35	10	<10	170	<0.5	<2	0.31	<0.5	6	20	14	1.93
DD002942		0.24	<0.005	<0.2	1.65	15	<10	200	<0.5	<2	0.29	<0.5	8	21	17	2.27
DD002943		0.26	0.006	0.2	0.85	69	<10	380	0.5	<2	0.29	0.5	7	15	37	2.54
DD002944		0.21	<0.005	<0.2	1.32	39	<10	230	0.5	<2	0.25	<0.5	11	18	38	2.94
DD002945		0.20	<0.005	0.2	1.33	23	<10	300	0.6	<2	0.34	0.5	12	18	34	3.91
DD002946		0.10	0.088	2.9	1.06	327	<10	560	0.5	<2	0.45	1.1	5	12	28	2.19
DD002947		0.21	0.137	2.6	1.33	509	<10	430	0.6	<2	0.37	2.9	9	20	28	2.48
DD002948		0.17	<0.005	1.2	1.46	21	<10	100	<0.5	<2	0.11	<0.5	7	20	14	2.45
DD002949		0.21	<0.005	<0.2	1.68	18	<10	250	0.6	<2	0.29	<0.5	11	20	23	2.60
DD002950		0.24	0.013	0.6	1.07	18	<10	220	0.6	2	0.34	1.8	5	20	21	1.73
DD002951		0.20	<0.005	0.3	2.16	8	<10	340	<0.5	2	0.39	<0.5	7	13	21	2.61



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**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
DD002912		<10	<1	0.11	20	0.25	519	4	0.01	6	600	18	0.01	11	3	15
DD002913		<10	<1	0.08	10	0.35	282	1	0.01	9	460	21	0.01	2	4	20
DD002914		<10	<1	0.06	10	0.26	350	<1	0.02	11	750	35	0.05	<2	3	24
DD002915		<10	<1	0.08	10	0.41	511	<1	0.01	12	210	9	<0.01	<2	3	18
DD002916		<10	<1	0.09	20	0.32	795	2	0.02	7	730	43	0.04	2	4	33
DD002917		<10	<1	0.09	10	0.19	989	2	0.02	8	770	38	0.06	2	3	36
DD002918		<10	<1	0.10	50	0.27	858	1	0.02	13	770	33	0.03	<2	10	41
DD002919		<10	<1	0.08	10	0.32	1650	1	0.01	10	450	27	0.01	3	3	20
DD002920		<10	<1	0.08	10	0.34	385	<1	0.02	10	500	41	0.01	4	4	25
DD002921		<10	<1	0.10	20	0.40	354	1	0.02	10	300	30	0.02	4	5	27
DD002922		<10	<1	0.12	20	0.19	1470	3	0.02	8	840	36	0.03	3	5	46
DD002923		10	<1	0.07	10	0.40	285	2	0.02	11	690	28	0.04	<2	5	38
DD002924		<10	<1	0.10	20	0.19	2280	1	0.02	6	620	22	0.02	3	4	24
DD002925		<10	<1	0.16	20	0.42	966	2	0.02	17	910	75	0.12	3	5	57
DD002926		<10	<1	0.05	10	0.35	176	<1	0.03	8	690	17	0.04	<2	2	24
DD002927		10	<1	0.07	10	0.42	236	<1	0.02	18	640	23	0.03	<2	4	21
DD002928		10	<1	0.07	10	0.47	249	1	0.02	10	580	16	0.02	<2	3	19
DD002929		<10	<1	0.07	10	0.36	213	1	0.02	7	650	11	0.01	<2	2	17
DD002930		<10	<1	0.09	10	0.43	334	<1	0.02	10	630	14	0.02	<2	3	19
DD002931		<10	<1	0.08	10	0.40	210	<1	0.02	8	640	14	0.02	<2	3	16
DD002932		10	<1	0.09	10	0.50	267	<1	0.02	10	570	13	0.02	<2	4	19
DD002933		10	<1	0.10	10	0.52	259	<1	0.02	10	540	11	0.02	<2	4	19
DD002934		10	<1	0.09	10	0.51	513	<1	0.02	11	590	15	0.02	<2	4	19
DD002935		<10	<1	0.08	10	0.31	424	1	0.02	8	680	11	<0.01	<2	3	23
DD002936		<10	<1	0.08	10	0.30	325	<1	0.02	7	720	14	<0.01	<2	3	22
DD002937		10	<1	0.39	10	0.86	736	5	0.04	8	1050	28	<0.01	3	10	49
DD002938		10	<1	0.10	10	0.49	276	1	0.02	11	770	28	0.01	<2	6	22
DD002939		<10	<1	0.08	10	0.46	267	<1	0.02	9	620	16	<0.01	<2	3	18
DD002940		<10	1	0.08	10	0.52	413	1	0.03	10	570	15	0.01	<2	4	21
DD002941		<10	<1	0.09	10	0.49	243	1	0.02	9	680	12	<0.01	<2	4	21
DD002942		10	<1	0.10	10	0.48	392	1	0.02	11	660	16	<0.01	<2	4	21
DD002943		<10	<1	0.10	20	0.28	659	2	0.02	9	610	27	<0.01	6	5	23
DD002944		<10	<1	0.09	10	0.33	891	2	0.02	10	680	19	0.01	3	3	19
DD002945		<10	<1	0.09	20	0.33	1720	1	0.02	12	680	31	0.01	2	4	23
DD002946		<10	<1	0.09	10	0.16	1450	2	0.03	9	620	28	0.04	3	3	25
DD002947		<10	<1	0.10	20	0.32	1700	2	0.02	14	550	325	0.01	10	3	23
DD002948		10	<1	0.07	10	0.18	709	2	0.01	7	190	39	<0.01	<2	2	13
DD002949		<10	<1	0.11	20	0.40	1720	1	0.01	15	400	35	0.01	2	4	20
DD002950		<10	<1	0.10	20	0.38	914	<1	0.02	15	510	83	<0.01	2	4	20
DD002951		10	<1	0.06	10	0.64	623	<1	0.05	6	750	29	0.05	<2	5	39



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 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ROCKHAVEN RESOURCES LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016 - 510 W HASTINGS STREET  
 VANCOUVER BC V6B 1L8

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 Finalized Date: 21-SEP-2012  
 Account: ROCKHA

Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
DD002912		<20	0.02	<10	<10	44	<10	82
DD002913		<20	0.04	<10	<10	41	<10	72
DD002914		<20	0.03	<10	<10	35	<10	66
DD002915		<20	0.06	<10	<10	49	<10	56
DD002916		<20	0.03	<10	<10	41	<10	125
DD002917		<20	0.02	<10	<10	34	<10	88
DD002918		<20	0.01	<10	<10	46	<10	87
DD002919		<20	0.05	<10	<10	53	<10	87
DD002920		<20	0.03	<10	<10	41	<10	85
DD002921		<20	0.04	<10	<10	49	<10	96
DD002922		<20	0.02	<10	<10	35	<10	106
DD002923		<20	0.04	<10	<10	54	<10	84
DD002924		<20	0.02	<10	<10	41	<10	92
DD002925		<20	0.05	<10	<10	45	<10	210
DD002926		<20	0.04	<10	<10	31	<10	68
DD002927		<20	0.05	<10	<10	45	<10	68
DD002928		<20	0.06	<10	<10	55	<10	59
DD002929		<20	0.06	<10	<10	36	<10	42
DD002930		<20	0.06	<10	<10	42	<10	51
DD002931		<20	0.06	<10	<10	36	<10	51
DD002932		<20	0.06	<10	<10	39	<10	64
DD002933		<20	0.07	<10	<10	38	<10	62
DD002934		<20	0.07	<10	<10	52	<10	66
DD002935		<20	0.06	<10	<10	42	<10	45
DD002936		<20	0.06	<10	<10	40	<10	47
DD002937		<20	0.11	<10	<10	105	<10	170
DD002938		<20	0.08	<10	<10	64	<10	66
DD002939		<20	0.08	<10	<10	46	<10	55
DD002940		<20	0.08	<10	<10	52	<10	63
DD002941		<20	0.09	<10	<10	48	<10	56
DD002942		<20	0.08	<10	<10	51	<10	61
DD002943		<20	0.05	<10	<10	41	<10	103
DD002944		<20	0.05	<10	<10	49	<10	84
DD002945		<20	0.04	<10	<10	45	<10	96
DD002946		<20	0.02	<10	<10	32	<10	117
DD002947		<20	0.03	<10	<10	39	<10	318
DD002948		<20	0.04	<10	<10	64	<10	59
DD002949		<20	0.03	<10	<10	42	<10	87
DD002950		<20	0.06	<10	<10	37	<10	170
DD002951		<20	0.07	<10	<10	63	<10	104



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**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002952		0.31	0.013	0.6	1.54	24	<10	290	<0.5	<2	0.28	<0.5	7	20	21	2.00
DD002953		0.43	0.008	0.4	1.43	29	<10	320	<0.5	<2	0.22	<0.5	10	20	29	2.40
DD002954		0.38	0.010	<0.2	1.57	17	<10	150	<0.5	<2	0.24	0.5	10	20	83	2.82
DD002955		0.31	0.014	0.6	1.18	37	<10	160	<0.5	3	0.23	0.6	10	17	60	2.69
DD002956		0.39	0.028	1.0	1.39	35	<10	150	<0.5	3	0.29	0.7	11	20	55	3.10
DD002957		0.30	0.019	1.1	0.85	65	<10	260	<0.5	2	0.26	0.7	7	12	28	2.67
DD002958		0.30	0.015	1.0	1.50	110	<10	390	<0.5	2	0.25	1.0	6	20	21	2.79
DD002959		0.34	<0.005	<0.2	1.73	21	<10	290	<0.5	<2	0.25	0.7	7	23	14	2.71
DD002960		0.27	0.017	1.0	1.89	34	<10	400	<0.5	<2	0.31	0.6	7	23	20	2.42
DD002961		0.43	0.009	0.5	1.36	35	<10	340	<0.5	2	0.36	<0.5	6	19	17	2.21
DD002962		0.43	0.054	1.2	1.22	23	<10	240	<0.5	2	0.30	1.7	5	19	244	2.73
DD002963		0.49	0.045	0.9	1.40	25	<10	200	<0.5	2	0.31	1.8	8	15	240	3.17
DD002964		0.28	0.046	0.5	1.02	21	<10	190	<0.5	<2	0.21	0.6	5	17	138	2.70
DD002965		0.38	0.021	0.6	0.97	21	<10	270	<0.5	<2	0.31	<0.5	5	17	92	2.20
DD002966		0.36	0.122	0.7	1.52	23	<10	390	<0.5	<2	0.43	0.5	8	21	171	3.30
DD002967		0.29	0.038	1.5	1.08	13	<10	270	<0.5	<2	0.30	<0.5	3	9	167	1.45
DD002968		0.29	0.062	0.4	1.26	24	<10	230	<0.5	<2	0.14	0.6	7	19	304	2.95
DD002969		0.25	0.025	0.5	2.02	24	<10	130	<0.5	<2	0.19	<0.5	9	28	126	2.95
DD002970		0.33	0.065	1.1	1.36	24	<10	120	<0.5	2	0.15	<0.5	9	18	238	2.33
DD002971		0.34	0.043	0.6	1.43	15	<10	400	0.5	<2	0.49	0.5	4	17	52	2.07
DD002972		0.46	0.177	0.2	1.85	14	<10	290	<0.5	<2	0.26	<0.5	6	22	30	2.54
DD002973		0.44	0.019	<0.2	1.89	11	<10	290	<0.5	<2	0.25	<0.5	8	21	29	2.59
DD002974		0.28	0.025	0.7	1.30	24	<10	410	0.5	<2	0.60	0.8	7	13	63	3.37
DD002975		0.45	0.010	<0.2	0.99	11	<10	160	<0.5	<2	0.32	<0.5	5	13	16	1.85
DD002976		0.25	0.015	0.8	1.75	12	<10	270	<0.5	<2	0.55	<0.5	5	24	49	2.39
DD002977		0.23	0.008	0.9	1.06	9	<10	240	<0.5	<2	0.47	<0.5	4	11	36	2.19
DD002978		0.25	0.039	1.1	1.74	19	<10	310	<0.5	3	0.42	<0.5	9	19	75	2.84
DD002979		0.37	0.043	0.3	1.45	13	<10	150	<0.5	<2	0.25	<0.5	7	21	46	2.51
DD002980		0.51	0.068	0.5	1.21	25	<10	140	<0.5	3	0.21	<0.5	7	18	72	3.05
DD002981		0.32	0.033	1.4	1.46	15	<10	190	<0.5	<2	0.20	0.5	5	20	38	2.32
DD002982		0.34	0.048	0.4	1.11	16	<10	200	<0.5	<2	0.30	<0.5	7	20	28	2.31
DD002983		0.36	0.086	0.9	0.91	18	<10	180	<0.5	3	0.19	<0.5	5	13	33	2.23
DD002984		0.35	0.160	0.7	0.81	33	<10	210	<0.5	7	0.25	<0.5	6	20	50	3.36
DD002985		0.36	0.030	0.5	0.90	11	<10	210	<0.5	2	0.31	<0.5	6	15	23	1.79
DD002986		0.25	0.024	0.3	1.43	17	<10	140	<0.5	<2	0.19	<0.5	8	22	18	2.52
DD002987		0.37	0.012	0.5	1.53	15	<10	180	<0.5	<2	0.24	<0.5	6	23	20	2.23
DD002988		0.28	0.053	0.5	1.05	27	<10	220	<0.5	4	0.34	<0.5	6	18	26	2.19
DD002989		0.29	0.033	0.5	0.77	11	<10	150	<0.5	2	0.40	<0.5	2	11	27	1.43
DD002990		0.16	0.023	0.9	1.65	17	<10	430	<0.5	<2	0.44	2.4	12	17	45	2.51
DD002991		0.31	0.023	0.7	1.46	54	<10	270	<0.5	5	0.57	0.6	8	17	54	2.84



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**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
DD002952		10	<1	0.08	10	0.44	493	1	0.02	9	710	36	0.02	<2	3
DD002953		10	<1	0.08	10	0.27	1160	2	0.02	10	520	25	0.02	<2	4
DD002954		10	<1	0.13	10	0.59	589	4	0.02	10	560	25	0.01	<2	4
DD002955		<10	<1	0.10	10	0.48	763	4	0.01	9	580	74	0.01	3	4
DD002956		10	<1	0.12	10	0.52	866	5	0.02	11	800	95	0.01	2	5
DD002957		<10	<1	0.06	20	0.30	557	4	0.01	5	640	75	0.01	2	3
DD002958		10	<1	0.10	10	0.29	614	2	0.01	8	670	104	0.02	<2	3
DD002959		10	<1	0.10	10	0.49	380	1	0.02	12	250	15	0.01	<2	5
DD002960		10	<1	0.09	10	0.39	480	1	0.02	11	760	60	0.02	<2	4
DD002961		<10	<1	0.06	10	0.40	418	<1	0.02	8	710	37	0.01	<2	3
DD002962		<10	<1	0.09	10	0.36	257	4	0.02	9	640	140	0.03	3	4
DD002963		10	<1	0.09	10	0.48	1000	8	0.02	7	670	49	0.03	<2	3
DD002964		<10	<1	0.07	10	0.35	183	4	0.02	6	600	28	0.02	<2	3
DD002965		<10	<1	0.07	10	0.27	255	3	0.02	10	380	38	0.02	2	2
DD002966		10	<1	0.10	10	0.67	345	8	0.02	11	740	35	0.02	2	6
DD002967		<10	<1	0.06	10	0.14	132	3	0.04	6	570	22	0.03	<2	2
DD002968		<10	<1	0.07	20	0.30	325	11	0.02	9	600	26	0.02	3	3
DD002969		10	<1	0.09	10	0.43	354	5	0.02	14	700	16	0.01	2	4
DD002970		<10	<1	0.05	10	0.24	584	11	0.02	9	560	29	0.01	6	2
DD002971		<10	<1	0.07	10	0.33	164	2	0.02	8	710	20	0.04	<2	3
DD002972		10	<1	0.07	10	0.37	212	1	0.02	11	720	16	0.02	<2	3
DD002973		10	<1	0.07	10	0.41	319	1	0.02	10	610	13	0.01	<2	3
DD002974		<10	<1	0.05	20	0.25	614	2	0.02	6	980	23	0.10	<2	3
DD002975		<10	<1	0.04	10	0.34	250	<1	0.02	5	540	13	0.02	<2	3
DD002976		10	<1	0.07	10	0.45	120	1	0.02	11	730	34	0.07	<2	5
DD002977		<10	<1	0.04	10	0.21	207	2	0.03	6	830	7	0.08	<2	2
DD002978		10	<1	0.08	20	0.49	404	2	0.03	12	730	22	0.04	<2	4
DD002979		10	<1	0.08	10	0.46	277	1	0.02	11	470	11	0.01	<2	3
DD002980		<10	1	0.08	10	0.36	457	2	0.02	9	590	20	0.02	2	4
DD002981		<10	<1	0.07	10	0.31	368	1	0.02	8	580	33	0.02	<2	3
DD002982		<10	<1	0.07	10	0.36	522	1	0.02	10	650	21	0.02	<2	4
DD002983		<10	<1	0.08	10	0.23	382	2	0.01	5	710	23	0.07	5	2
DD002984		<10	<1	0.15	10	0.26	381	2	0.01	12	670	24	0.27	14	2
DD002985		<10	<1	0.05	10	0.26	327	1	0.01	9	600	12	0.05	2	2
DD002986		<10	<1	0.07	10	0.38	307	1	0.01	11	360	18	0.02	2	3
DD002987		<10	<1	0.05	10	0.37	262	<1	0.01	12	420	9	0.01	<2	3
DD002988		<10	<1	0.06	10	0.31	350	1	0.01	9	620	17	0.03	2	2
DD002989		<10	<1	0.05	10	0.21	152	1	0.02	5	720	14	0.06	2	2
DD002990		<10	<1	0.06	10	0.36	4040	1	0.02	9	1110	17	0.09	<2	3
DD002991		10	<1	0.05	10	0.37	315	3	0.02	10	830	17	0.08	3	4



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
DD002952		<20	0.04	<10	<10	46	<10	107
DD002953		<20	0.03	<10	<10	58	<10	77
DD002954		<20	0.10	<10	<10	64	<10	92
DD002955		<20	0.08	<10	<10	58	<10	161
DD002956		<20	0.08	<10	<10	62	<10	189
DD002957		<20	0.04	<10	<10	60	<10	190
DD002958		<20	0.03	<10	<10	55	<10	176
DD002959		<20	0.07	<10	<10	60	<10	97
DD002960		<20	0.06	<10	<10	55	<10	152
DD002961		<20	0.07	<10	<10	49	<10	107
DD002962		<20	0.04	<10	<10	47	<10	218
DD002963		<20	0.06	<10	<10	62	<10	150
DD002964		<20	0.05	<10	<10	59	<10	93
DD002965		<20	0.04	<10	<10	39	<10	88
DD002966		<20	0.06	<10	<10	71	<10	121
DD002967		<20	0.02	<10	<10	31	<10	59
DD002968		<20	0.05	<10	<10	51	<10	93
DD002969		<20	0.08	<10	<10	60	<10	85
DD002970		<20	0.05	<10	<10	45	<10	75
DD002971		<20	0.05	<10	<10	56	<10	79
DD002972		<20	0.05	<10	<10	57	<10	45
DD002973		<20	0.07	<10	<10	63	<10	48
DD002974		<20	0.04	<10	<10	56	<10	55
DD002975		<20	0.06	<10	<10	51	<10	39
DD002976		<20	0.04	<10	10	67	<10	63
DD002977		<20	0.03	<10	<10	43	<10	25
DD002978		<20	0.04	<10	<10	51	<10	76
DD002979		<20	0.07	<10	<10	50	<10	58
DD002980		<20	0.05	<10	<10	47	<10	66
DD002981		<20	0.04	<10	<10	49	<10	88
DD002982		<20	0.06	<10	<10	44	<10	77
DD002983		<20	0.02	<10	<10	31	<10	65
DD002984		<20	0.03	<10	<10	38	<10	99
DD002985		<20	0.04	<10	<10	32	<10	45
DD002986		<20	0.06	<10	<10	45	<10	81
DD002987		<20	0.06	<10	<10	47	<10	49
DD002988		<20	0.04	<10	<10	35	<10	70
DD002989		<20	0.03	<10	<10	26	<10	49
DD002990		<20	0.03	<10	<10	41	<10	137
DD002991		<20	0.04	<10	<10	72	<10	94





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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
DD002992		0.25	0.032	0.5	1.35	26	<10	250	<0.5	2	0.68	<0.5	6	15	39	2.09
DD002993		0.34	0.064	0.6	1.44	29	<10	170	<0.5	3	0.42	0.5	5	19	31	2.37
DD002994		0.38	0.115	0.4	1.21	37	<10	100	<0.5	4	0.37	1.0	9	16	25	2.25
DD002995		0.25	0.005	0.2	0.68	17	<10	60	<0.5	<2	0.18	<0.5	2	9	17	1.09
DD002996		0.37	0.019	0.5	1.73	54	<10	120	<0.5	12	0.35	<0.5	8	19	114	3.26
DD002997		0.20	<0.005	0.2	0.84	11	<10	90	<0.5	<2	0.27	<0.5	5	10	22	2.07
DD002998		0.29	0.015	0.8	1.84	17	<10	260	<0.5	3	0.34	<0.5	7	24	36	2.45
DD002999		0.22	<0.005	<0.2	1.68	20	<10	80	<0.5	<2	0.14	<0.5	5	18	20	2.33
DD003000		0.26	0.022	0.6	2.39	45	<10	100	0.5	13	0.15	0.6	8	25	88	4.18
ZZ35501		0.31	<0.005	0.3	2.24	62	<10	310	<0.5	<2	0.36	<0.5	13	24	22	5.15
ZZ35502		0.12	<0.005	0.4	1.85	17	<10	250	<0.5	2	0.41	<0.5	5	17	19	1.59
ZZ35503		0.30	0.009	0.2	1.16	48	<10	320	<0.5	<2	0.40	<0.5	6	15	16	2.07
ZZ35504		0.39	<0.005	0.6	1.21	26	<10	350	<0.5	<2	0.38	0.5	6	13	23	1.53
ZZ35505		0.54	<0.005	0.5	1.42	49	<10	310	0.5	<2	0.32	<0.5	9	19	15	2.36
ZZ35506		0.34	<0.005	0.2	2.19	14	<10	370	<0.5	<2	0.44	<0.5	8	28	22	2.80
ZZ35507		0.61	<0.005	0.2	1.35	17	<10	500	0.6	2	0.46	0.5	16	16	54	4.63
ZZ35508		0.33	<0.005	<0.2	1.63	15	<10	210	0.5	<2	0.31	0.5	10	20	45	3.48
ZZ35509		0.48	<0.005	0.2	1.56	12	<10	200	<0.5	<2	0.33	<0.5	8	18	29	2.30
ZZ35510		0.39	0.005	0.3	1.51	14	<10	390	0.5	<2	0.66	1.0	12	21	47	2.83
ZZ35511		0.23	<0.005	0.3	1.51	25	<10	350	<0.5	<2	0.42	0.9	7	19	34	5.58
ZZ35512		0.69	0.010	0.3	1.59	55	<10	410	0.6	<2	0.35	0.5	12	23	20	2.62
ZZ35513		0.32	<0.005	<0.2	1.16	19	<10	210	<0.5	<2	0.29	<0.5	7	17	12	2.17
ZZ35514		0.37	<0.005	<0.2	1.25	11	<10	190	<0.5	<2	0.31	<0.5	7	18	15	2.37
ZZ35515		0.41	0.010	0.5	1.25	18	<10	180	<0.5	<2	0.27	<0.5	4	18	14	2.09
ZZ35516		0.29	0.006	1.4	1.21	17	<10	250	<0.5	<2	0.51	0.5	9	18	23	2.08
ZZ35517		0.57	0.006	0.2	1.31	17	<10	200	<0.5	<2	0.34	<0.5	5	20	13	1.97
ZZ35518		0.46	0.006	0.7	1.07	39	<10	350	0.5	3	0.58	0.7	8	15	25	2.27
ZZ35519		0.45	0.008	0.8	0.99	73	<10	500	0.6	2	0.57	0.6	10	10	34	3.77
ZZ35520		0.39	0.006	1.1	1.06	24	<10	480	0.5	2	0.47	2.1	10	12	26	1.70
ZZ35521		0.40	<0.005	0.2	1.29	10	<10	160	<0.5	2	0.28	<0.5	6	21	26	1.93
ZZ35522		0.63	<0.005	0.3	1.42	8	<10	230	<0.5	2	0.25	<0.5	5	22	27	1.70
ZZ35523		0.54	0.006	0.3	1.07	10	<10	160	<0.5	2	0.27	<0.5	4	17	18	1.45
ZZ35524		0.23	<0.005	0.3	0.97	15	<10	110	<0.5	2	0.15	<0.5	5	14	21	1.67
ZZ35525		0.28	<0.005	0.3	1.06	12	<10	40	<0.5	2	0.12	<0.5	2	8	10	1.65
ZZ35526		0.69	<0.005	0.3	1.64	9	<10	100	<0.5	<2	0.17	<0.5	6	26	14	2.30
ZZ35527		0.39	<0.005	0.7	2.75	12	<10	130	0.5	2	0.20	<0.5	10	37	23	2.82
ZZ35528		0.59	0.013	0.6	1.20	22	<10	170	<0.5	2	0.30	<0.5	4	21	18	1.66
ZZ35529		0.21	<0.005	<0.2	1.38	8	<10	180	<0.5	2	0.29	<0.5	6	20	15	1.72
ZZ35530		0.41	<0.005	0.2	1.49	15	<10	210	<0.5	2	0.32	<0.5	7	22	15	2.06
ZZ35531		0.23	<0.005	<0.2	1.36	6	<10	140	<0.5	2	0.26	<0.5	7	17	10	1.57



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Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
DD002992		<10	<1	0.05	10	0.27	324	1	0.02	9	670	13	0.06	3	4	47
DD002993		<10	<1	0.06	10	0.41	192	1	0.01	8	620	38	0.03	2	4	26
DD002994		<10	<1	0.10	10	0.47	452	1	0.01	6	730	65	0.02	2	3	23
DD002995		<10	<1	0.04	10	0.18	77	<1	0.02	4	300	3	0.01	<2	1	14
DD002996		10	<1	0.12	10	0.66	268	2	0.02	9	590	12	0.05	<2	4	34
DD002997		<10	<1	0.05	10	0.22	124	1	0.03	5	540	5	0.02	<2	2	18
DD002998		10	<1	0.08	10	0.48	197	1	0.01	13	700	12	0.02	<2	4	23
DD002999		10	<1	0.05	10	0.26	171	1	0.01	7	340	12	0.01	<2	2	14
DD003000		10	<1	0.08	10	0.56	286	2	0.01	11	500	28	0.03	2	4	21
ZZ35501		10	<1	0.09	10	0.83	355	3	0.04	10	1010	24	0.07	<2	6	28
ZZ35502		10	<1	0.08	10	0.61	326	1	0.04	9	930	21	0.08	<2	3	27
ZZ35503		<10	<1	0.07	10	0.32	840	1	0.01	8	890	36	0.06	3	2	24
ZZ35504		<10	<1	0.04	10	0.25	561	1	0.02	7	950	25	0.08	<2	2	28
ZZ35505		<10	<1	0.07	10	0.39	519	1	0.01	10	710	45	0.02	2	4	23
ZZ35506		10	<1	0.11	10	0.83	483	1	0.04	13	650	40	0.04	<2	5	38
ZZ35507		<10	<1	0.34	20	0.68	2050	3	0.03	8	710	39	0.02	4	12	35
ZZ35508		<10	<1	0.08	10	0.51	415	2	0.02	10	850	35	0.02	4	6	20
ZZ35509		10	<1	0.07	10	0.54	315	2	0.02	10	650	29	0.02	3	4	25
ZZ35510		<10	<1	0.09	20	0.50	830	2	0.02	13	930	22	0.07	3	6	123
ZZ35511		<10	<1	0.06	10	0.34	411	3	0.02	8	860	33	0.10	2	4	50
ZZ35512		<10	<1	0.09	20	0.45	604	2	0.01	15	560	48	0.02	2	5	31
ZZ35513		<10	<1	0.08	10	0.35	376	1	0.01	9	530	29	0.02	<2	3	24
ZZ35514		<10	<1	0.08	10	0.48	506	1	0.01	10	480	32	0.01	<2	4	26
ZZ35515		<10	<1	0.07	10	0.33	359	1	0.01	8	580	54	0.02	2	3	21
ZZ35516		<10	<1	0.04	10	0.25	639	1	0.02	10	950	25	0.07	<2	2	50
ZZ35517		<10	<1	0.08	10	0.40	360	<1	0.01	13	720	25	0.01	<2	4	19
ZZ35518		<10	<1	0.09	20	0.41	440	1	0.02	7	750	51	0.04	3	4	37
ZZ35519		<10	<1	0.06	10	0.22	3250	5	0.02	9	780	44	0.08	5	3	49
ZZ35520		<10	<1	0.09	20	0.25	1820	2	0.02	9	730	55	0.06	4	4	41
ZZ35521		<10	<1	0.08	10	0.40	282	1	0.02	12	550	12	0.01	3	3	19
ZZ35522		<10	<1	0.06	10	0.37	242	1	0.01	12	510	12	0.01	2	3	18
ZZ35523		<10	<1	0.04	10	0.30	169	2	0.01	10	550	10	<0.01	2	2	17
ZZ35524		<10	<1	0.05	10	0.19	831	2	0.01	7	430	28	0.01	2	1	13
ZZ35525		<10	<1	0.06	10	0.10	237	2	0.01	4	400	20	0.01	3	1	10
ZZ35526		10	<1	0.07	10	0.35	202	1	0.01	13	390	9	0.01	<2	3	16
ZZ35527		10	<1	0.10	10	0.52	556	1	0.02	19	460	21	0.01	3	4	21
ZZ35528		<10	<1	0.07	10	0.38	244	1	0.01	11	570	46	<0.01	3	3	23
ZZ35529		<10	<1	0.06	10	0.38	188	1	0.02	9	590	10	0.01	<2	3	26
ZZ35530		<10	<1	0.05	10	0.45	210	1	0.02	11	540	12	0.01	<2	4	27
ZZ35531		<10	<1	0.05	10	0.41	571	1	0.02	9	700	10	0.02	2	3	21



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
DD002992		<20	0.04	<10	<10	40	<10	61
DD002993		<20	0.05	<10	<10	48	<10	104
DD002994		<20	0.06	<10	<10	48	<10	219
DD002995		<20	0.04	<10	<10	29	<10	20
DD002996		<20	0.09	<10	<10	66	<10	53
DD002997		<20	0.05	<10	<10	45	<10	37
DD002998		<20	0.06	<10	<10	49	<10	58
DD002999		<20	0.07	<10	<10	60	<10	47
DD003000		<20	0.11	<10	<10	79	<10	110
ZZ35501		<20	0.08	<10	<10	101	<10	129
ZZ35502		<20	0.05	<10	<10	43	<10	111
ZZ35503		<20	0.03	<10	<10	39	<10	75
ZZ35504		<20	0.03	<10	<10	36	<10	61
ZZ35505		<20	0.04	<10	<10	45	<10	79
ZZ35506		<20	0.08	<10	<10	67	<10	142
ZZ35507		<20	0.10	<10	<10	87	<10	135
ZZ35508		<20	0.05	<10	<10	62	<10	154
ZZ35509		<20	0.05	<10	<10	58	<10	84
ZZ35510		<20	0.05	<10	10	59	<10	102
ZZ35511		<20	0.04	<10	<10	62	<10	80
ZZ35512		<20	0.03	<10	<10	56	<10	80
ZZ35513		<20	0.03	<10	<10	43	<10	75
ZZ35514		<20	0.06	<10	<10	52	<10	96
ZZ35515		<20	0.03	<10	<10	41	<10	78
ZZ35516		<20	0.04	<10	<10	40	<10	54
ZZ35517		<20	0.06	<10	<10	38	<10	55
ZZ35518		<20	0.04	<10	<10	46	<10	100
ZZ35519		<20	0.02	<10	<10	32	<10	135
ZZ35520		<20	0.02	<10	10	32	<10	124
ZZ35521		<20	0.06	<10	<10	41	<10	50
ZZ35522		<20	0.05	<10	<10	36	<10	49
ZZ35523		<20	0.05	<10	<10	32	<10	41
ZZ35524		<20	0.04	<10	<10	41	<10	52
ZZ35525		<20	0.02	<10	<10	43	<10	65
ZZ35526		<20	0.08	<10	<10	56	<10	41
ZZ35527		<20	0.09	<10	<10	54	<10	58
ZZ35528		<20	0.05	<10	<10	35	<10	75
ZZ35529		<20	0.07	<10	<10	44	<10	46
ZZ35530		<20	0.07	<10	<10	54	<10	51
ZZ35531		<20	0.06	<10	<10	37	<10	50



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35532		0.53	<0.005	0.3	0.71	40	<10	430	0.5	<2	0.33	<0.5	12	10	97	3.10
ZZ35533		0.50	<0.005	0.6	0.71	29	<10	190	0.7	9	0.30	<0.5	9	6	226	3.57
ZZ35534		0.58	<0.005	0.8	0.74	36	<10	300	0.9	<2	0.36	0.6	11	6	135	3.61
ZZ35535		0.62	<0.005	1.0	0.69	47	<10	200	1.0	<2	0.35	0.6	11	5	342	3.90
ZZ35536		0.58	0.008	0.8	0.39	101	<10	300	1.2	3	0.20	<0.5	21	9	62	4.67
ZZ35537		0.78	0.005	0.4	0.69	41	<10	400	0.5	<2	0.29	<0.5	11	8	94	2.64
ZZ35538		0.70	0.005	0.5	0.44	86	<10	740	0.7	2	0.30	0.7	17	8	87	2.98
ZZ35539		0.53	0.009	<0.2	1.40	11	<10	230	<0.5	2	0.38	<0.5	6	21	18	2.00
ZZ35540		0.58	<0.005	0.2	1.22	9	<10	180	<0.5	<2	0.30	<0.5	8	17	13	1.98
ZZ35541		0.40	<0.005	0.2	1.71	12	<10	180	<0.5	<2	0.24	<0.5	5	19	13	1.85
ZZ35542		0.53	<0.005	0.2	1.43	9	<10	150	<0.5	2	0.29	<0.5	5	18	12	1.57
ZZ35543		0.58	<0.005	0.2	1.58	10	<10	180	<0.5	<2	0.23	<0.5	8	18	15	2.23
ZZ35544		0.51	<0.005	0.3	1.88	15	<10	200	<0.5	3	0.23	<0.5	8	21	19	2.65
ZZ35545		0.42	<0.005	0.3	1.61	13	<10	180	<0.5	5	0.24	<0.5	7	20	20	1.90
ZZ35546		0.33	<0.005	0.4	1.36	16	<10	150	<0.5	2	0.25	<0.5	7	17	17	2.20
ZZ35547		0.28	<0.005	0.8	1.62	18	<10	200	<0.5	3	0.28	<0.5	8	20	22	2.22
ZZ35548		0.53	<0.005	0.3	1.79	20	<10	240	0.5	2	0.23	<0.5	11	18	19	2.69
ZZ35549		0.29	<0.005	0.3	1.28	9	<10	150	<0.5	2	0.27	<0.5	8	12	26	2.06
ZZ35550		0.28	<0.005	0.2	0.93	4	<10	80	<0.5	<2	0.21	<0.5	4	8	26	1.31
ZZ35551		0.22	0.006	0.2	1.85	12	<10	360	0.5	2	0.39	<0.5	7	25	34	2.64
ZZ35552		0.26	<0.005	0.2	1.61	12	<10	340	0.5	3	0.35	<0.5	9	23	19	2.46
ZZ35553		0.21	0.008	0.3	0.73	38	<10	150	0.6	3	0.29	<0.5	5	9	30	2.03
ZZ35554		0.14	<0.005	<0.2	0.45	5	<10	90	<0.5	<2	0.21	<0.5	3	5	10	2.40
ZZ35555		0.13	<0.005	<0.2	0.97	2	<10	130	<0.5	<2	0.21	<0.5	4	12	14	1.17
ZZ35556		0.15	0.005	<0.2	1.19	7	<10	130	<0.5	<2	0.29	<0.5	5	17	11	2.18
ZZ35557		0.17	<0.005	<0.2	1.50	27	<10	190	<0.5	<2	0.29	<0.5	9	18	19	4.16
ZZ35558		0.17	<0.005	0.2	1.33	13	<10	160	<0.5	2	0.31	0.6	10	16	18	2.45
ZZ35559		0.13	0.025	0.3	1.61	32	<10	190	<0.5	3	0.27	<0.5	9	18	23	4.62
ZZ35560		0.21	<0.005	<0.2	1.88	14	<10	200	<0.5	2	0.29	<0.5	11	22	20	2.88
ZZ35561		0.12	<0.005	0.2	1.85	21	<10	230	<0.5	2	0.34	<0.5	8	16	17	3.09
ZZ35562		0.21	<0.005	<0.2	1.56	6	<10	160	<0.5	3	0.28	<0.5	7	21	21	1.67
ZZ35563		0.18	<0.005	0.2	1.81	17	<10	220	0.5	2	0.26	<0.5	9	25	24	2.43
ZZ35564		0.22	0.011	0.2	1.52	19	<10	210	<0.5	<2	0.33	<0.5	10	22	20	2.60
ZZ35565		0.14	<0.005	0.3	1.45	5	<10	270	<0.5	2	0.29	0.9	10	19	24	1.96
ZZ35566		0.21	<0.005	0.5	1.51	26	<10	220	0.6	5	0.25	<0.5	6	20	37	3.47
ZZ35567		0.13	<0.005	0.3	0.54	5	<10	50	<0.5	<2	0.28	<0.5	7	7	20	1.65
ZZ35568		0.17	<0.005	<0.2	1.30	6	<10	150	<0.5	2	0.25	<0.5	6	16	19	2.08
ZZ35569		0.24	0.005	0.2	1.55	29	<10	210	0.5	4	0.26	<0.5	8	24	38	2.98
ZZ35570		0.21	<0.005	<0.2	1.39	7	<10	160	<0.5	2	0.28	<0.5	7	20	16	1.77
ZZ35571		0.12	NSS	0.2	1.34	3	<10	240	<0.5	<2	0.30	<0.5	5	21	16	1.33



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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
ZZ35532		<10	<1	0.09	20	0.22	1470	5	0.01	6	810	26	<0.01	7	6
ZZ35533		<10	<1	0.10	40	0.08	431	4	0.01	5	880	18	<0.01	4	10
ZZ35534		<10	<1	0.14	30	0.15	914	5	0.01	6	730	240	<0.01	13	12
ZZ35535		<10	<1	0.11	20	0.10	508	6	0.01	4	880	110	<0.01	14	11
ZZ35536		<10	<1	0.17	30	0.07	1500	13	0.01	11	590	16	<0.01	19	9
ZZ35537		<10	<1	0.09	20	0.22	1455	5	0.01	6	660	25	<0.01	10	5
ZZ35538		<10	<1	0.11	30	0.12	3310	5	0.01	7	620	23	<0.01	14	6
ZZ35539		<10	<1	0.09	10	0.48	427	2	0.02	11	640	11	<0.01	3	5
ZZ35540		<10	<1	0.08	10	0.48	513	2	0.02	8	580	12	<0.01	<2	4
ZZ35541		<10	<1	0.08	10	0.49	225	1	0.02	10	530	13	0.02	<2	4
ZZ35542		<10	<1	0.09	10	0.46	187	1	0.02	10	680	10	0.01	<2	3
ZZ35543		<10	<1	0.07	10	0.49	565	1	0.03	8	810	15	0.04	2	3
ZZ35544		10	<1	0.07	10	0.53	289	2	0.02	9	690	21	0.03	<2	4
ZZ35545		<10	<1	0.08	10	0.52	238	1	0.02	10	550	22	0.02	2	4
ZZ35546		<10	<1	0.08	10	0.49	388	2	0.03	9	500	23	0.02	2	3
ZZ35547		<10	<1	0.09	10	0.51	495	1	0.02	10	530	32	0.03	3	4
ZZ35548		<10	<1	0.08	10	0.60	976	1	0.03	9	500	20	0.03	<2	5
ZZ35549		<10	<1	0.06	10	0.41	582	3	0.02	7	470	14	0.03	<2	3
ZZ35550		<10	<1	0.04	10	0.22	244	1	0.03	4	690	12	0.04	<2	1
ZZ35551		<10	<1	0.09	20	0.51	293	1	0.02	13	420	9	<0.01	2	7
ZZ35552		<10	<1	0.13	20	0.50	454	1	0.01	11	540	12	<0.01	3	6
ZZ35553		<10	<1	0.11	30	0.20	168	2	0.01	6	680	27	<0.01	6	5
ZZ35554		<10	<1	0.02	<10	0.07	117	1	0.02	2	800	<2	0.02	<2	1
ZZ35555		<10	<1	0.04	10	0.27	138	<1	0.02	6	610	10	0.03	<2	2
ZZ35556		<10	<1	0.05	10	0.40	255	1	0.02	8	890	16	0.05	<2	2
ZZ35557		<10	<1	0.06	10	0.46	595	1	0.02	9	730	23	0.04	<2	3
ZZ35558		<10	<1	0.06	10	0.50	563	1	0.02	8	670	80	0.03	<2	3
ZZ35559		10	<1	0.07	10	0.43	225	2	0.02	8	700	66	0.04	2	4
ZZ35560		<10	<1	0.07	10	0.56	338	1	0.02	12	570	23	0.02	<2	5
ZZ35561		10	<1	0.09	10	0.61	513	1	0.03	9	620	26	0.04	<2	4
ZZ35562		<10	<1	0.08	10	0.54	346	<1	0.01	12	560	22	0.01	<2	4
ZZ35563		<10	<1	0.07	10	0.58	306	2	0.01	11	840	25	0.04	<2	4
ZZ35564		<10	<1	0.08	10	0.57	382	1	0.02	11	660	25	0.01	<2	5
ZZ35565		<10	<1	0.06	10	0.46	1060	<1	0.01	9	570	18	0.06	<2	4
ZZ35566		<10	<1	0.07	20	0.38	231	2	0.01	9	760	19	0.04	7	4
ZZ35567		<10	<1	0.03	10	0.08	1010	<1	0.03	3	740	4	0.03	<2	1
ZZ35568		<10	<1	0.06	10	0.51	573	<1	0.02	8	530	9	0.03	<2	4
ZZ35569		<10	<1	0.09	20	0.52	215	1	0.01	12	700	18	0.02	3	5
ZZ35570		<10	<1	0.08	10	0.48	379	<1	0.01	11	630	10	0.02	<2	3
ZZ35571		10	<1	0.06	10	0.46	222	<1	0.01	8	680	16	0.04	2	3



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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ35532		<20	0.02	<10	<10	56	<10	81
ZZ35533		30	<0.01	<10	<10	45	<10	94
ZZ35534		30	0.02	<10	<10	53	<10	141
ZZ35535		20	0.01	<10	<10	51	<10	90
ZZ35536		20	<0.01	<10	<10	33	<10	138
ZZ35537		<20	0.02	<10	<10	40	<10	78
ZZ35538		<20	0.01	<10	<10	32	<10	84
ZZ35539		<20	0.09	<10	<10	46	<10	55
ZZ35540		<20	0.09	<10	<10	45	<10	51
ZZ35541		<20	0.07	<10	<10	46	<10	50
ZZ35542		<20	0.07	<10	<10	37	<10	52
ZZ35543		<20	0.06	<10	<10	48	<10	55
ZZ35544		<20	0.06	<10	<10	55	<10	60
ZZ35545		<20	0.07	<10	<10	47	<10	62
ZZ35546		<20	0.07	<10	<10	49	<10	63
ZZ35547		<20	0.06	<10	<10	46	<10	87
ZZ35548		<20	0.06	<10	<10	60	<10	72
ZZ35549		<20	0.07	<10	<10	49	<10	44
ZZ35550		<20	0.04	<10	<10	32	<10	27
ZZ35551		<20	0.06	<10	<10	52	<10	58
ZZ35552		<20	0.08	<10	<10	58	<10	66
ZZ35553		20	0.02	<10	<10	44	<10	77
ZZ35554		<20	0.05	<10	<10	40	<10	25
ZZ35555		<20	0.05	<10	<10	35	<10	49
ZZ35556		<20	0.06	<10	<10	43	<10	62
ZZ35557		<20	0.06	<10	<10	62	<10	98
ZZ35558		<20	0.07	<10	<10	58	<10	115
ZZ35559		<20	0.03	<10	<10	73	<10	117
ZZ35560		<20	0.06	<10	<10	64	<10	69
ZZ35561		<20	0.05	<10	<10	73	<10	104
ZZ35562		<20	0.07	<10	<10	44	<10	67
ZZ35563		<20	0.05	<10	<10	60	<10	74
ZZ35564		<20	0.07	<10	<10	53	<10	72
ZZ35565		<20	0.04	<10	<10	41	<10	67
ZZ35566		<20	0.02	<10	<10	50	<10	69
ZZ35567		<20	0.07	<10	<10	57	<10	20
ZZ35568		<20	0.07	<10	<10	38	<10	49
ZZ35569		<20	0.06	<10	<10	59	<10	62
ZZ35570		<20	0.06	<10	<10	39	<10	60
ZZ35571		<20	0.06	<10	<10	35	<10	52



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**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35572		0.20	0.007	<0.2	1.36	7	<10	140	<0.5	<2	0.29	<0.5	6	20	16	1.49
ZZ35573		0.14	<0.005	0.3	1.62	11	<10	220	<0.5	2	0.28	<0.5	6	25	14	2.16
ZZ35574		0.20	0.005	0.5	1.34	30	<10	260	0.8	4	0.30	0.6	8	18	68	4.03
ZZ35575		0.13	<0.005	<0.2	0.23	<2	<10	30	<0.5	<2	0.14	<0.5	1	4	3	0.93
ZZ35576		0.14	<0.005	<0.2	1.23	16	<10	180	<0.5	<2	0.33	<0.5	5	16	31	2.82
ZZ35577		0.19	<0.005	0.2	1.27	20	<10	130	<0.5	2	0.27	<0.5	7	15	12	2.11
ZZ35578		0.21	<0.005	0.3	1.70	33	<10	240	0.6	2	0.36	<0.5	6	19	41	2.69
ZZ35579		0.16	<0.005	0.2	1.06	15	<10	240	<0.5	<2	0.50	0.5	5	15	35	1.54
ZZ35580		0.13	<0.005	0.6	1.51	38	<10	250	0.7	<2	0.34	0.8	6	18	30	2.21
ZZ35581		0.16	<0.005	0.3	1.60	36	<10	220	0.6	<2	0.33	<0.5	9	20	23	2.63
ZZ35582		0.14	<0.005	<0.2	0.45	2	<10	70	<0.5	<2	0.22	<0.5	1	4	19	0.49
ZZ35583		0.15	<0.005	<0.2	0.37	<2	<10	60	<0.5	<2	0.18	<0.5	1	4	12	0.48
ZZ35584		0.22	<0.005	0.3	1.55	28	<10	240	0.6	<2	0.36	<0.5	7	21	24	2.39
ZZ35585		0.18	<0.005	0.2	1.15	17	<10	150	<0.5	2	0.28	<0.5	5	14	13	1.69
ZZ35586		0.22	<0.005	0.4	1.24	20	<10	200	<0.5	2	0.32	0.7	7	16	18	2.04
ZZ35588		0.23	<0.005	<0.2	1.05	63	<10	310	<0.5	<2	0.37	0.7	10	13	12	3.67
ZZ35589		0.14	<0.005	0.3	1.65	13	<10	180	<0.5	4	0.46	<0.5	10	19	28	2.43
ZZ35590		0.17	<0.005	0.4	1.61	8	<10	180	<0.5	7	0.33	<0.5	7	19	31	2.31
ZZ35591		0.20	<0.005	0.2	1.80	12	<10	180	<0.5	2	0.27	<0.5	8	22	26	2.15
ZZ35592		0.26	<0.005	0.2	1.75	11	<10	210	<0.5	<2	0.28	<0.5	9	20	23	2.42
ZZ35593		0.10	<0.005	0.2	1.79	18	<10	210	<0.5	2	0.38	<0.5	14	17	21	4.70
ZZ35594		0.18	<0.005	<0.2	1.40	5	<10	130	<0.5	<2	0.29	<0.5	6	16	9	1.71
ZZ35595		0.18	0.005	<0.2	1.64	12	<10	170	<0.5	<2	0.30	<0.5	7	20	15	2.15
ZZ35596		0.20	<0.005	0.2	1.74	6	<10	170	<0.5	<2	0.26	<0.5	5	20	15	1.67
ZZ35597		0.25	<0.005	<0.2	1.82	10	<10	180	<0.5	<2	0.23	<0.5	6	21	15	2.24
ZZ35598		0.13	<0.005	0.2	1.21	6	<10	150	<0.5	<2	0.23	<0.5	4	14	10	1.66
ZZ35599		0.08	<0.005	0.4	1.94	21	<10	300	<0.5	<2	0.43	0.5	4	23	29	3.05
ZZ35600		0.17	<0.005	<0.2	1.68	4	<10	190	<0.5	<2	0.27	<0.5	7	20	13	1.67
ZZ35601		0.13	<0.005	<0.2	1.66	3	<10	210	<0.5	<2	0.28	<0.5	7	22	30	1.88
ZZ35602		0.10	<0.005	<0.2	0.36	<2	<10	30	<0.5	<2	0.13	<0.5	1	3	33	0.28
ZZ35603		0.25	0.011	0.3	1.48	30	<10	200	<0.5	3	0.43	<0.5	5	23	38	1.90
ZZ35604		0.22	<0.005	<0.2	1.64	11	<10	230	0.5	<2	0.39	<0.5	8	24	19	2.38
ZZ35605		0.22	0.005	<0.2	1.79	5	<10	210	<0.5	<2	0.38	<0.5	7	25	18	2.31
ZZ35606		0.21	0.011	0.2	1.90	9	<10	350	0.6	<2	0.45	<0.5	12	24	19	3.00
ZZ35607		0.18	0.006	<0.2	1.87	11	<10	180	<0.5	2	0.30	<0.5	8	25	13	2.77
ZZ35616		0.31	<0.005	<0.2	1.41	6	<10	120	<0.5	<2	0.26	<0.5	6	19	15	1.62
ZZ35617		0.33	<0.005	<0.2	1.81	10	<10	150	<0.5	<2	0.26	<0.5	8	21	15	1.96
ZZ35618		0.19	<0.005	0.3	2.31	13	<10	210	<0.5	<2	0.28	<0.5	8	24	22	2.37
ZZ35619		0.39	<0.005	<0.2	1.96	7	<10	180	<0.5	<2	0.28	<0.5	8	23	14	2.45
ZZ35620		0.20	<0.005	0.2	1.81	9	<10	140	0.5	<2	0.28	<0.5	12	22	18	2.73



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**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ35572		<10	<1	0.08	10	0.46	194	<1	0.01	10	640	11	0.01	<2	3	18
ZZ35573		10	<1	0.05	10	0.46	188	<1	0.01	9	1140	24	0.08	2	3	27
ZZ35574		<10	<1	0.16	20	0.48	700	3	0.01	10	780	123	0.01	10	11	25
ZZ35575		<10	<1	0.01	<10	0.05	51	<1	0.03	2	370	<2	0.02	<2	<1	13
ZZ35576		<10	<1	0.05	10	0.35	164	1	0.02	8	730	40	0.05	2	3	29
ZZ35577		<10	<1	0.07	10	0.43	810	1	0.01	7	740	28	0.03	2	2	24
ZZ35578		10	<1	0.07	20	0.46	226	1	0.02	10	850	49	0.06	2	3	34
ZZ35579		<10	<1	0.07	10	0.26	276	1	0.03	9	590	48	0.05	3	2	50
ZZ35580		<10	<1	0.08	30	0.44	206	2	0.01	9	830	62	0.05	3	4	30
ZZ35581		<10	<1	0.08	20	0.50	392	2	0.01	9	610	73	0.02	4	4	28
ZZ35582		<10	<1	0.03	10	0.06	32	<1	0.04	2	330	5	0.04	<2	1	22
ZZ35583		<10	<1	0.03	<10	0.04	124	<1	0.04	3	420	5	0.03	<2	<1	17
ZZ35584		<10	<1	0.08	20	0.49	602	2	0.01	11	770	47	0.02	3	4	30
ZZ35585		<10	<1	0.07	10	0.37	341	1	0.02	7	580	24	0.03	2	2	25
ZZ35586		<10	<1	0.09	10	0.40	751	1	0.01	9	660	36	0.02	2	3	29
ZZ35588		<10	<1	0.06	20	0.40	551	3	0.01	7	920	28	0.02	2	3	31
ZZ35589		10	<1	0.06	10	0.61	609	3	0.03	10	700	29	0.07	<2	3	36
ZZ35590		<10	<1	0.07	10	0.60	325	1	0.02	9	970	23	0.07	<2	4	23
ZZ35591		10	<1	0.08	10	0.60	246	1	0.02	12	590	16	0.03	<2	4	19
ZZ35592		<10	<1	0.10	10	0.63	318	1	0.02	11	660	24	0.01	<2	5	19
ZZ35593		<10	<1	0.05	10	0.68	453	<1	0.03	6	990	22	0.04	<2	4	30
ZZ35594		<10	<1	0.06	10	0.49	206	<1	0.02	8	520	11	0.01	<2	3	21
ZZ35595		<10	<1	0.08	10	0.53	220	<1	0.02	10	610	36	0.02	<2	4	22
ZZ35596		<10	<1	0.08	10	0.53	212	<1	0.02	9	530	27	0.02	<2	4	20
ZZ35597		<10	<1	0.09	10	0.56	229	<1	0.02	10	450	34	0.02	<2	4	19
ZZ35598		<10	<1	0.05	10	0.29	187	<1	0.02	5	610	10	0.03	<2	2	20
ZZ35599		<10	<1	0.07	10	0.30	121	<1	0.02	8	1290	14	0.15	<2	3	40
ZZ35600		<10	<1	0.05	10	0.49	284	<1	0.02	10	620	25	0.02	<2	3	21
ZZ35601		<10	<1	0.05	10	0.42	216	<1	0.02	8	1100	19	0.05	<2	3	24
ZZ35602		<10	<1	0.02	<10	0.04	28	<1	0.04	1	460	<2	0.04	<2	<1	13
ZZ35603		<10	<1	0.08	20	0.52	229	1	0.02	9	550	63	0.01	<2	5	24
ZZ35604		<10	<1	0.08	20	0.52	274	<1	0.02	10	530	12	0.02	<2	5	23
ZZ35605		<10	<1	0.07	10	0.56	317	<1	0.02	12	560	8	0.01	<2	4	25
ZZ35606		10	<1	0.07	10	0.56	469	<1	0.02	11	900	13	0.03	<2	5	30
ZZ35607		10	<1	0.09	10	0.51	360	<1	0.01	12	370	12	0.01	<2	4	22
ZZ35616		<10	<1	0.05	10	0.42	210	<1	0.02	8	810	11	0.03	<2	2	20
ZZ35617		<10	<1	0.08	10	0.55	252	<1	0.02	10	620	12	0.02	<2	4	18
ZZ35618		10	<1	0.09	10	0.52	231	<1	0.02	11	840	19	0.04	<2	4	25
ZZ35619		10	<1	0.08	10	0.52	256	<1	0.02	10	650	16	0.02	<2	4	22
ZZ35620		<10	<1	0.05	10	0.42	655	2	0.02	9	860	14	0.05	<2	3	25





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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ35572		<20	0.07	<10	<10	37	<10	51
ZZ35573		<20	0.05	<10	<10	56	<10	55
ZZ35574		<20	0.06	<10	10	77	<10	186
ZZ35575		<20	0.05	<10	<10	28	<10	11
ZZ35576		<20	0.03	<10	<10	47	<10	60
ZZ35577		<20	0.04	<10	<10	46	<10	86
ZZ35578		<20	0.05	<10	<10	66	<10	100
ZZ35579		<20	0.03	<10	<10	37	<10	70
ZZ35580		<20	0.03	<10	<10	48	<10	98
ZZ35581		<20	0.03	<10	<10	51	<10	104
ZZ35582		<20	0.02	<10	<10	13	<10	10
ZZ35583		<20	0.02	<10	<10	14	<10	9
ZZ35584		<20	0.04	<10	<10	48	<10	93
ZZ35585		<20	0.04	<10	<10	41	<10	84
ZZ35586		<20	0.04	<10	<10	42	<10	91
ZZ35588		<20	0.05	<10	<10	45	<10	92
ZZ35589		<20	0.07	<10	<10	63	<10	73
ZZ35590		<20	0.06	<10	<10	51	<10	66
ZZ35591		<20	0.07	<10	<10	54	<10	70
ZZ35592		<20	0.08	<10	<10	61	<10	78
ZZ35593		<20	0.08	<10	<10	76	<10	95
ZZ35594		<20	0.07	<10	<10	37	<10	52
ZZ35595		<20	0.07	<10	<10	61	<10	79
ZZ35596		<20	0.07	<10	<10	51	<10	88
ZZ35597		<20	0.08	<10	<10	57	<10	88
ZZ35598		<20	0.05	<10	<10	43	<10	51
ZZ35599		<20	0.04	<10	<10	57	<10	59
ZZ35600		<20	0.06	<10	<10	59	<10	71
ZZ35601		<20	0.06	<10	<10	53	<10	57
ZZ35602		<20	0.03	<10	<10	12	<10	7
ZZ35603		<20	0.08	<10	<10	49	<10	85
ZZ35604		<20	0.08	<10	<10	56	<10	51
ZZ35605		<20	0.08	<10	<10	52	<10	51
ZZ35606		<20	0.05	<10	<10	63	<10	55
ZZ35607		<20	0.08	<10	<10	60	<10	61
ZZ35616		<20	0.06	<10	<10	38	<10	50
ZZ35617		<20	0.07	<10	<10	48	<10	60
ZZ35618		<20	0.06	<10	<10	62	<10	77
ZZ35619		<20	0.07	<10	<10	50	<10	65
ZZ35620		<20	0.05	<10	<10	58	<10	59



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**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35621		0.53	0.037	<0.2	1.78	10	<10	130	<0.5	<2	0.28	<0.5	7	21	13	2.28
ZZ35622		0.14	<0.005	<0.2	1.38	5	<10	150	<0.5	<2	0.29	<0.5	5	19	18	1.54
ZZ35623		0.57	0.006	0.3	1.66	8	<10	190	0.5	<2	0.31	<0.5	6	27	29	2.01
ZZ35624		0.58	0.010	0.4	1.61	13	<10	100	<0.5	<2	0.27	<0.5	6	26	20	2.14
ZZ35625		0.40	<0.005	0.2	1.75	12	<10	120	0.5	<2	0.25	<0.5	6	26	18	2.20
ZZ35626		0.19	<0.005	0.2	1.97	14	<10	120	<0.5	2	0.23	<0.5	13	28	41	2.70
ZZ35627		0.60	<0.005	0.3	2.00	10	<10	140	0.5	2	0.24	<0.5	9	24	28	2.36
ZZ35628		0.44	<0.005	<0.2	1.76	8	<10	290	0.5	<2	0.38	<0.5	8	24	19	2.45
ZZ35629		0.34	<0.005	0.8	1.48	15	<10	470	0.5	3	0.69	<0.5	10	18	37	3.35
ZZ35630		0.38	0.094	0.2	1.46	11	<10	170	<0.5	<2	0.48	<0.5	9	16	22	2.98
ZZ35631		0.13	<0.005	<0.2	1.62	5	<10	170	<0.5	2	0.31	<0.5	5	22	19	1.36
ZZ35632		0.77	<0.005	<0.2	1.57	17	<10	200	<0.5	<2	0.35	<0.5	10	21	15	2.40
ZZ35633		0.56	<0.005	0.2	1.78	15	<10	150	<0.5	<2	0.27	<0.5	8	21	13	2.34
ZZ35634		0.65	0.010	0.2	1.79	6	<10	150	<0.5	2	0.24	<0.5	5	21	19	1.66
ZZ35635		0.29	<0.005	<0.2	1.81	8	<10	210	<0.5	2	0.30	<0.5	8	22	15	2.12
ZZ35636		0.48	<0.005	<0.2	1.42	7	<10	150	<0.5	2	0.25	<0.5	6	17	13	1.82
ZZ35637		0.23	0.009	<0.2	1.41	6	<10	150	<0.5	2	0.25	<0.5	5	18	13	1.81
ZZ35638		0.67	<0.005	<0.2	1.62	12	<10	170	<0.5	2	0.27	<0.5	8	21	16	2.17
ZZ35639		0.09	0.012	0.3	1.50	6	<10	290	<0.5	2	0.34	1.3	4	23	29	1.29
ZZ35640		0.25	<0.005	0.4	0.69	6	<10	80	<0.5	2	0.10	<0.5	1	8	23	0.62
ZZ35641		0.18	<0.005	0.5	0.81	8	<10	100	<0.5	2	0.15	<0.5	2	10	12	1.02
ZZ35642		0.29	<0.005	0.2	1.64	10	<10	130	<0.5	<2	0.24	<0.5	5	23	19	2.00
ZZ35643		0.56	<0.005	<0.2	1.46	8	<10	370	0.5	<2	0.35	<0.5	6	21	18	2.16
ZZ35644		1.20	<0.005	<0.2	1.75	10	<10	360	0.7	3	0.47	<0.5	7	24	19	2.70



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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ35621		<10	<1	0.05	10	0.47	249	1	0.02	10	730	11	0.03	<2	3	23
ZZ35622		<10	<1	0.06	10	0.38	149	<1	0.02	9	800	10	0.04	<2	3	23
ZZ35623		<10	<1	0.08	10	0.51	346	<1	0.02	14	540	15	0.01	<2	4	21
ZZ35624		<10	<1	0.09	10	0.48	335	<1	0.01	14	560	43	0.01	<2	3	17
ZZ35625		<10	<1	0.09	10	0.45	354	<1	0.01	12	550	36	0.02	<2	3	17
ZZ35626		10	<1	0.09	10	0.43	852	1	0.01	13	380	39	0.02	3	3	20
ZZ35627		<10	<1	0.07	10	0.37	351	<1	0.01	11	500	12	0.02	<2	3	20
ZZ35628		<10	<1	0.09	10	0.54	483	<1	0.01	13	590	10	<0.01	<2	5	29
ZZ35629		<10	<1	0.08	20	0.49	697	1	0.03	9	970	79	0.07	<2	6	53
ZZ35630		<10	<1	0.09	10	0.62	518	<1	0.04	8	630	29	0.03	<2	5	38
ZZ35631		10	<1	0.06	10	0.45	198	<1	0.02	7	720	13	0.08	<2	3	26
ZZ35632		<10	<1	0.10	10	0.57	446	<1	0.02	10	710	15	0.01	<2	5	23
ZZ35633		<10	<1	0.07	10	0.54	235	<1	0.02	9	640	14	0.02	<2	4	20
ZZ35634		10	<1	0.06	10	0.47	165	<1	0.02	8	700	16	0.04	<2	3	20
ZZ35635		<10	<1	0.08	10	0.57	231	<1	0.02	10	550	19	0.03	<2	4	25
ZZ35636		<10	<1	0.06	10	0.43	257	1	0.02	9	660	15	0.03	<2	3	19
ZZ35637		<10	<1	0.07	10	0.43	182	1	0.02	9	630	14	0.03	<2	3	20
ZZ35638		<10	<1	0.07	10	0.47	233	1	0.02	11	660	11	0.02	<2	3	23
ZZ35639		<10	<1	0.04	10	0.20	263	1	0.02	9	930	13	0.17	<2	3	36
ZZ35640		<10	<1	0.03	10	0.05	40	1	0.01	4	330	12	0.03	<2	<1	12
ZZ35641		<10	<1	0.05	10	0.14	114	1	0.04	5	430	6	0.02	2	1	14
ZZ35642		10	<1	0.07	10	0.44	205	1	0.02	12	410	11	0.02	2	3	19
ZZ35643		<10	<1	0.09	20	0.45	298	1	0.02	11	500	28	0.01	2	4	27
ZZ35644		<10	<1	0.11	20	0.56	410	1	0.02	14	540	8	0.01	<2	8	31



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**CERTIFICATE OF ANALYSIS WH12194254**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ35621		<20	0.06	<10	<10	51	<10	57
ZZ35622		<20	0.06	<10	<10	46	<10	53
ZZ35623		<20	0.08	<10	<10	46	<10	55
ZZ35624		<20	0.08	<10	<10	48	<10	67
ZZ35625		<20	0.08	<10	<10	50	<10	59
ZZ35626		<20	0.07	<10	<10	64	<10	61
ZZ35627		<20	0.07	<10	<10	53	<10	41
ZZ35628		<20	0.07	<10	<10	51	<10	53
ZZ35629		<20	0.06	<10	<10	69	<10	110
ZZ35630		<20	0.08	<10	<10	77	<10	82
ZZ35631		<20	0.05	<10	<10	36	<10	50
ZZ35632		<20	0.08	<10	<10	58	<10	61
ZZ35633		<20	0.07	<10	<10	55	<10	60
ZZ35634		<20	0.06	<10	<10	41	<10	62
ZZ35635		<20	0.08	<10	<10	58	<10	73
ZZ35636		<20	0.06	<10	<10	40	<10	61
ZZ35637		<20	0.06	<10	<10	40	<10	53
ZZ35638		<20	0.07	<10	<10	46	<10	51
ZZ35639		<20	0.04	<10	<10	61	<10	45
ZZ35640		<20	0.02	<10	<10	17	<10	14
ZZ35641		<20	0.03	<10	<10	26	<10	25
ZZ35642		<20	0.06	<10	<10	46	<10	46
ZZ35643		<20	0.07	<10	<10	46	<10	50
ZZ35644		<20	0.06	<10	<10	50	<10	66



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**CERTIFICATE OF ANALYSIS WH12194254**

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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**CERTIFICATE WH12194255**

Project: KLAZA  
P.O. No.: Batch 4  
This report is for 239 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35751		0.32	0.013	0.6	1.77	24	<10	360	0.5	2	0.49	<0.5	5	21	33	1.90
ZZ35752		0.29	0.007	0.6	1.26	10	<10	240	<0.5	<2	0.26	<0.5	6	16	19	1.77
ZZ35753		0.35	0.009	0.3	1.43	19	<10	230	<0.5	2	0.24	0.5	7	20	38	2.47
ZZ35754		0.29	<0.005	0.6	0.65	7	<10	150	<0.5	2	0.23	<0.5	4	9	14	1.83
ZZ35755		0.32	<0.005	0.3	1.26	16	<10	300	<0.5	2	0.27	0.5	5	21	25	1.91
ZZ35756		0.43	0.005	<0.2	1.35	36	<10	170	<0.5	<2	0.23	<0.5	9	21	26	2.53
ZZ35757		0.37	<0.005	0.4	1.32	43	<10	180	<0.5	2	0.24	<0.5	9	19	52	2.73
ZZ35758		0.40	0.048	2.8	1.82	46	<10	330	0.5	2	0.25	<0.5	4	19	67	2.24
ZZ35759		0.27	0.069	1.4	1.09	190	<10	190	<0.5	3	0.23	0.8	5	15	34	2.01
ZZ35760		0.28	0.005	0.8	0.73	14	<10	250	<0.5	<2	0.31	<0.5	3	8	14	1.51
ZZ35761		0.28	<0.005	0.6	1.82	33	<10	130	<0.5	<2	0.13	<0.5	10	23	18	2.94
ZZ35762		0.39	0.008	0.2	1.34	40	<10	180	<0.5	<2	0.28	<0.5	8	23	14	2.36
ZZ35799		0.28	0.006	0.4	1.25	21	<10	260	<0.5	<2	0.47	<0.5	5	14	16	1.79
ZZ35800		0.46	0.017	1.1	2.00	25	<10	370	0.6	2	0.45	0.5	7	22	29	1.91
ZZ35804		0.34	<0.005	0.2	1.75	22	<10	310	<0.5	2	0.40	<0.5	9	24	25	2.93
ZZ35805		0.58	0.020	0.4	1.83	21	<10	360	<0.5	2	0.35	0.9	13	21	44	3.32
ZZ35806		0.49	<0.005	0.2	1.92	10	<10	300	<0.5	2	0.33	<0.5	9	20	18	2.46
ZZ35810		0.66	0.019	0.6	1.26	35	<10	490	0.6	<2	0.30	<0.5	8	12	43	3.12
ZZ35811		0.33	0.012	0.2	1.11	36	<10	350	<0.5	3	0.37	<0.5	6	15	40	2.71
ZZ35812		0.44	0.007	0.7	1.02	49	<10	300	<0.5	2	0.42	0.9	7	15	22	1.86
ZZ35813		0.34	0.095	0.8	1.25	21	<10	350	<0.5	2	0.33	1.0	4	15	18	1.46
ZZ35814		0.35	0.018	0.6	1.00	15	<10	220	<0.5	<2	0.40	1.1	4	13	14	1.14
ZZ35815		0.12	0.006	0.4	0.78	15	<10	280	<0.5	<2	0.44	0.5	5	8	23	1.27
ZZ35816		0.50	0.018	0.2	1.09	31	<10	240	<0.5	2	0.34	<0.5	9	18	16	2.24
ZZ35817		0.31	<0.005	0.3	1.47	23	<10	300	0.5	<2	0.28	<0.5	7	22	27	2.10
ZZ35818		0.18	<0.005	0.2	1.12	9	<10	240	<0.5	<2	0.24	<0.5	4	18	21	1.62
ZZ35819		0.28	<0.005	0.2	1.30	13	<10	250	<0.5	2	0.33	<0.5	6	18	27	1.77
ZZ35820		0.18	0.011	0.4	1.30	48	<10	350	<0.5	2	0.34	<0.5	5	19	26	1.95
ZZ35821		0.51	<0.005	<0.2	1.42	9	<10	260	<0.5	<2	0.27	<0.5	8	20	25	2.32
ZZ35822		0.41	0.005	<0.2	1.57	7	<10	270	0.5	<2	0.26	<0.5	9	24	31	2.26
ZZ35823		0.32	<0.005	<0.2	1.52	14	<10	250	<0.5	<2	0.34	<0.5	8	20	28	2.79
ZZ35824		0.39	<0.005	<0.2	1.78	11	<10	300	0.5	<2	0.38	<0.5	11	26	28	2.87
ZZ35825		0.29	<0.005	0.2	1.97	27	<10	320	0.5	<2	0.40	<0.5	9	28	33	2.88
ZZ35826		0.42	<0.005	<0.2	1.70	13	<10	240	<0.5	<2	0.36	<0.5	11	22	24	2.71
ZZ35827		0.42	0.005	0.2	1.92	39	<10	270	<0.5	<2	0.34	0.6	15	21	20	3.74
ZZ35828		0.25	<0.005	<0.2	1.64	12	<10	210	<0.5	<2	0.31	<0.5	11	20	13	2.64
ZZ35829		0.53	0.020	0.7	1.64	61	<10	480	0.7	2	1.64	3.9	28	8	79	4.82
ZZ35830		0.36	0.016	0.7	1.62	27	<10	320	0.6	<2	0.59	1.0	15	18	113	4.05
ZZ35831		0.20	0.007	1.2	2.32	11	<10	590	0.5	<2	0.61	<0.5	5	25	29	2.57
ZZ35832		0.38	<0.005	0.2	1.79	17	<10	400	<0.5	<2	0.60	<0.5	6	25	23	2.68



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**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ35751		<10	<1	0.09	20	0.53	242	1	0.02	10	760	22	0.06	<2	5	40
ZZ35752		<10	<1	0.06	10	0.36	571	3	0.02	7	850	18	0.05	2	3	22
ZZ35753		10	<1	0.09	10	0.46	552	5	0.02	10	480	54	0.01	3	4	19
ZZ35754		<10	<1	0.05	10	0.13	210	1	0.03	5	630	17	0.03	<2	2	18
ZZ35755		10	<1	0.09	10	0.28	313	2	0.02	9	750	18	0.05	2	2	29
ZZ35756		<10	<1	0.10	10	0.47	679	5	0.02	10	390	17	0.02	<2	4	23
ZZ35757		<10	<1	0.10	10	0.51	594	6	0.02	10	460	72	0.02	4	5	22
ZZ35758		<10	1	0.10	20	0.38	198	6	0.01	9	1040	63	0.08	3	6	27
ZZ35759		<10	<1	0.08	10	0.27	521	2	0.02	8	500	50	0.02	3	3	21
ZZ35760		<10	<1	0.06	10	0.15	290	2	0.03	4	670	16	0.04	2	2	27
ZZ35761		10	<1	0.10	10	0.33	820	2	0.01	10	500	43	0.02	2	4	12
ZZ35762		10	<1	0.09	10	0.45	493	2	0.02	11	470	45	0.01	2	3	22
ZZ35799		<10	<1	0.05	10	0.36	457	2	0.03	6	840	15	0.07	<2	2	37
ZZ35800		10	<1	0.09	20	0.47	308	2	0.02	11	710	28	0.05	3	6	43
ZZ35804		10	<1	0.15	10	0.70	462	2	0.04	14	600	29	0.01	4	7	31
ZZ35805		10	<1	0.17	10	0.75	766	2	0.04	13	630	97	0.02	5	8	26
ZZ35806		10	<1	0.09	10	0.73	312	1	0.04	9	660	44	0.04	<2	6	26
ZZ35810		<10	<1	0.12	30	0.27	458	4	0.02	5	770	39	0.02	7	4	23
ZZ35811		<10	<1	0.11	20	0.40	353	3	0.02	5	700	31	0.01	3	4	22
ZZ35812		<10	<1	0.07	10	0.33	717	2	0.02	8	590	44	0.03	2	4	35
ZZ35813		<10	<1	0.08	20	0.34	135	2	0.02	6	590	61	0.03	2	5	24
ZZ35814		<10	<1	0.06	10	0.30	171	1	0.02	5	570	37	0.03	2	3	28
ZZ35815		<10	<1	0.05	10	0.11	757	1	0.04	6	700	6	0.07	<2	2	41
ZZ35816		<10	<1	0.09	10	0.39	641	1	0.02	11	540	17	0.01	2	4	22
ZZ35817		<10	<1	0.08	10	0.42	278	2	0.02	12	420	20	0.02	<2	5	24
ZZ35818		<10	<1	0.06	10	0.31	107	1	0.02	7	370	12	0.03	2	3	25
ZZ35819		<10	<1	0.08	10	0.33	247	1	0.02	9	630	15	0.03	<2	3	33
ZZ35820		<10	<1	0.09	10	0.33	582	1	0.02	13	520	53	0.03	<2	4	30
ZZ35821		<10	<1	0.08	10	0.48	464	3	0.01	13	400	21	0.02	<2	4	23
ZZ35822		<10	<1	0.08	10	0.53	290	1	0.02	14	450	23	0.02	<2	5	23
ZZ35823		<10	<1	0.08	10	0.53	414	2	0.02	11	780	32	0.03	<2	4	32
ZZ35824		10	<1	0.12	10	0.67	510	1	0.02	16	590	18	0.02	<2	7	39
ZZ35825		10	<1	0.10	10	0.71	338	1	0.02	15	690	20	0.05	<2	6	41
ZZ35826		10	<1	0.09	10	0.66	326	1	0.03	13	640	26	0.01	<2	6	26
ZZ35827		10	<1	0.11	10	0.81	545	1	0.03	11	570	49	0.01	2	7	25
ZZ35828		10	<1	0.11	10	0.68	759	1	0.02	10	650	35	0.02	<2	5	21
ZZ35829		10	<1	0.19	20	0.92	4240	2	0.03	6	680	261	0.18	6	9	84
ZZ35830		10	<1	0.16	20	0.70	2280	2	0.04	11	740	54	0.03	3	9	56
ZZ35831		10	<1	0.10	10	0.44	273	1	0.02	11	1170	12	0.07	<2	4	42
ZZ35832		10	<1	0.11	10	0.48	399	1	0.02	11	560	12	0.03	<2	4	34





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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ35751		<20	0.06	<10	<10	44	<10	83
ZZ35752		<20	0.03	<10	<10	38	<10	76
ZZ35753		<20	0.05	<10	<10	50	<10	130
ZZ35754		<20	0.07	<10	<10	56	<10	59
ZZ35755		<20	0.05	<10	<10	46	<10	60
ZZ35756		<20	0.07	<10	<10	52	<10	77
ZZ35757		<20	0.08	<10	<10	56	<10	94
ZZ35758		<20	0.02	<10	10	42	<10	165
ZZ35759		<20	0.04	<10	<10	39	<10	155
ZZ35760		<20	0.03	<10	<10	34	<10	63
ZZ35761		<20	0.05	<10	<10	56	<10	90
ZZ35762		<20	0.08	<10	<10	51	<10	108
ZZ35799		<20	0.04	<10	<10	39	<10	72
ZZ35800		<20	0.03	<10	<10	56	<10	106
ZZ35804		<20	0.11	<10	<10	62	<10	89
ZZ35805		<20	0.09	<10	<10	67	<10	170
ZZ35806		<20	0.07	<10	<10	65	<10	125
ZZ35810		<20	0.04	<10	<10	48	<10	115
ZZ35811		<20	0.08	<10	<10	53	<10	99
ZZ35812		<20	0.04	<10	<10	35	<10	111
ZZ35813		<20	0.04	<10	<10	37	<10	127
ZZ35814		<20	0.04	<10	<10	28	<10	111
ZZ35815		<20	0.03	<10	<10	27	<10	38
ZZ35816		<20	0.05	<10	<10	41	<10	57
ZZ35817		<20	0.04	<10	<10	47	<10	65
ZZ35818		<20	0.04	<10	<10	38	<10	45
ZZ35819		<20	0.04	<10	<10	39	<10	43
ZZ35820		<20	0.03	<10	<10	39	<10	84
ZZ35821		<20	0.05	<10	<10	48	<10	75
ZZ35822		<20	0.06	<10	<10	54	<10	77
ZZ35823		<20	0.05	<10	<10	60	<10	73
ZZ35824		<20	0.09	<10	<10	63	<10	72
ZZ35825		<20	0.08	<10	<10	70	<10	89
ZZ35826		<20	0.10	<10	<10	66	<10	89
ZZ35827		<20	0.10	<10	<10	75	<10	158
ZZ35828		<20	0.08	<10	<10	59	<10	115
ZZ35829		<20	0.04	<10	<10	75	<10	506
ZZ35830		<20	0.05	<10	<10	71	<10	161
ZZ35831		<20	0.04	<10	<10	53	<10	84
ZZ35832		<20	0.06	<10	<10	61	<10	86



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35833		0.37	<0.005	0.2	2.10	19	<10	480	0.5	<2	0.39	<0.5	10	22	32	3.03
ZZ35834		0.45	0.014	0.4	1.77	24	<10	510	0.6	<2	0.49	<0.5	7	23	30	2.82
ZZ35835		0.38	0.021	0.4	1.53	15	<10	480	<0.5	<2	0.51	<0.5	7	17	29	2.18
ZZ35836		0.19	0.030	1.9	2.19	43	<10	590	0.7	2	0.48	0.5	5	15	39	3.22
ZZ35837		0.31	0.010	0.5	1.26	46	<10	260	<0.5	<2	0.38	1.0	8	18	23	2.61
ZZ35838		0.29	0.019	0.7	1.34	34	<10	310	0.5	<2	0.32	0.6	6	18	26	2.22
ZZ35839		0.34	0.018	0.8	1.70	70	<10	350	0.6	<2	0.38	1.4	7	23	33	2.68
ZZ35840		0.43	<0.005	0.7	1.40	19	<10	200	<0.5	2	0.31	0.6	7	19	24	2.01
ZZ35841		0.40	<0.005	0.3	1.90	22	<10	360	<0.5	<2	0.46	<0.5	8	23	47	2.96
ZZ35842		0.50	<0.005	0.2	1.79	24	<10	210	<0.5	2	0.34	<0.5	8	20	25	2.61
ZZ35843		0.58	0.007	<0.2	1.64	17	<10	210	<0.5	<2	0.31	<0.5	8	21	24	2.23
ZZ35844		0.33	0.009	0.3	1.95	17	<10	270	<0.5	<2	0.33	<0.5	8	24	21	2.24
ZZ35845		0.37	<0.005	<0.2	1.93	7	<10	210	<0.5	<2	0.34	<0.5	9	21	15	2.18
ZZ35846		0.35	<0.005	<0.2	2.14	8	<10	240	<0.5	<2	0.36	<0.5	8	24	15	2.48
ZZ35847		0.31	<0.005	0.2	1.85	10	<10	260	<0.5	<2	0.34	<0.5	9	22	14	2.21
ZZ35848		0.42	<0.005	0.2	2.00	25	<10	380	<0.5	<2	0.36	<0.5	13	25	20	2.88
ZZ35849		0.33	<0.005	0.2	1.90	11	<10	200	<0.5	<2	0.27	<0.5	7	22	12	2.03
ZZ35850		0.35	<0.005	0.2	1.58	26	<10	260	<0.5	<2	0.41	<0.5	11	17	13	4.11
ZZ35851		0.37	<0.005	0.4	1.59	43	<10	180	0.6	<2	0.41	<0.5	7	21	20	3.76
ZZ35852		0.43	0.005	1.1	1.24	62	<10	270	<0.5	10	0.32	<0.5	3	14	9	1.79
ZZ35853		0.40	0.016	1.2	1.67	114	<10	290	0.8	4	0.25	0.5	6	22	43	2.80
ZZ35854		0.31	0.014	1.3	1.47	64	<10	330	0.9	2	0.47	<0.5	8	21	54	2.67
ZZ35855		0.44	<0.005	0.5	1.13	69	<10	120	0.7	<2	0.30	<0.5	6	17	22	4.34
ZZ35856		0.31	<0.005	<0.2	1.28	6	<10	90	<0.5	<2	0.24	<0.5	4	21	16	1.20
ZZ35857		0.39	0.006	<0.2	1.49	7	<10	160	<0.5	<2	0.24	<0.5	5	25	22	1.45
ZZ35858		0.25	<0.005	<0.2	1.70	15	<10	290	0.5	<2	0.34	<0.5	8	22	22	2.14
ZZ35859		0.33	0.005	0.2	1.45	23	<10	210	0.6	3	0.29	<0.5	10	20	30	3.63
ZZ35860		0.24	0.007	1.7	2.56	11	<10	70	0.6	9	0.21	1.0	18	20	143	3.72
ZZ35861		0.35	0.031	0.4	1.03	689	<10	190	0.6	<2	0.41	<0.5	7	17	33	3.03
ZZ35862		0.29	<0.005	0.2	1.37	13	<10	210	<0.5	2	0.30	<0.5	4	15	18	1.30
ZZ35863		0.41	<0.005	<0.2	2.14	17	<10	230	<0.5	2	0.36	<0.5	8	17	12	2.46
ZZ35864		0.51	<0.005	0.3	1.55	22	<10	230	<0.5	3	0.26	<0.5	9	22	18	2.74
ZZ35865		0.49	0.017	0.2	1.58	18	<10	170	0.5	2	0.33	<0.5	8	23	15	2.32
ZZ35866		0.36	<0.005	0.3	2.38	5	<10	260	0.5	3	0.36	<0.5	8	26	21	1.85
ZZ35867		0.48	<0.005	<0.2	2.22	9	<10	260	<0.5	<2	0.41	<0.5	12	21	21	2.96
ZZ35868		0.59	<0.005	<0.2	2.25	11	<10	330	0.5	2	0.55	0.5	15	17	27	3.65
ZZ35869		0.32	<0.005	<0.2	2.41	10	<10	280	<0.5	2	0.46	<0.5	11	21	24	3.14
ZZ35870		0.27	<0.005	0.2	2.05	12	<10	190	<0.5	<2	0.38	<0.5	10	19	18	2.93
ZZ35871		0.36	<0.005	0.2	1.78	9	<10	250	0.5	2	0.34	<0.5	9	23	56	2.40
ZZ35872		0.48	0.007	0.4	1.87	101	<10	210	0.5	<2	0.32	0.7	10	24	38	2.62



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
ZZ35833		10	<1	0.21	20	0.63	557	1	0.01	10	610	17	0.02	<2	7
ZZ35834		10	<1	0.09	20	0.44	480	2	0.01	10	920	21	0.04	<2	5
ZZ35835		<10	<1	0.11	20	0.43	346	1	0.01	6	920	36	0.04	<2	5
ZZ35836		10	<1	0.11	20	0.25	301	1	0.02	6	780	32	0.07	2	5
ZZ35837		<10	<1	0.09	20	0.45	683	7	0.02	9	720	93	0.02	<2	5
ZZ35838		<10	<1	0.09	20	0.42	289	4	0.01	8	460	46	0.02	2	5
ZZ35839		<10	<1	0.11	20	0.53	487	4	0.02	13	560	73	0.03	3	6
ZZ35840		<10	<1	0.08	10	0.52	266	3	0.02	10	550	277	0.02	3	4
ZZ35841		10	<1	0.14	10	0.70	670	10	0.02	13	630	45	0.02	2	7
ZZ35842		10	<1	0.11	10	0.65	432	6	0.02	10	470	37	0.02	<2	5
ZZ35843		<10	<1	0.10	10	0.60	247	4	0.03	11	500	55	0.01	<2	5
ZZ35844		10	<1	0.09	10	0.60	299	6	0.02	11	680	32	0.03	<2	5
ZZ35845		10	<1	0.08	10	0.72	447	4	0.03	11	570	13	0.03	<2	5
ZZ35846		10	<1	0.10	10	0.72	262	6	0.03	13	800	17	0.03	<2	5
ZZ35847		10	<1	0.09	10	0.61	308	9	0.03	11	580	19	0.02	<2	5
ZZ35848		10	<1	0.12	10	0.67	511	5	0.03	14	630	25	0.01	2	6
ZZ35849		10	<1	0.07	10	0.53	197	1	0.02	10	580	15	0.03	<2	4
ZZ35850		<10	<1	0.08	10	0.54	398	1	0.03	7	700	15	0.05	2	5
ZZ35851		<10	<1	0.09	10	0.44	447	1	0.02	9	630	21	0.03	3	5
ZZ35852		<10	<1	0.08	20	0.25	254	2	0.01	6	410	57	0.02	4	2
ZZ35853		<10	<1	0.10	20	0.35	741	4	0.01	12	690	57	0.03	8	2
ZZ35854		<10	<1	0.12	30	0.37	829	5	0.02	11	860	60	0.05	10	4
ZZ35855		<10	<1	0.11	20	0.35	280	2	0.01	6	630	97	0.02	5	6
ZZ35856		<10	<1	0.07	10	0.42	157	<1	0.01	12	580	24	0.03	<2	3
ZZ35857		<10	<1	0.08	10	0.47	219	<1	0.01	14	560	26	0.03	<2	3
ZZ35858		<10	<1	0.05	10	0.46	811	1	0.01	12	890	11	0.06	<2	2
ZZ35859		<10	<1	0.11	20	0.48	1250	2	0.01	12	560	32	0.04	4	5
ZZ35860		10	<1	0.10	10	0.72	1420	4	0.01	12	640	722	0.05	2	4
ZZ35861		<10	<1	0.09	20	0.39	1140	2	0.02	9	620	50	0.03	8	4
ZZ35862		<10	<1	0.08	10	0.44	222	1	0.01	7	500	22	0.04	<2	3
ZZ35863		10	<1	0.10	10	0.93	324	1	0.04	9	590	21	0.03	<2	5
ZZ35864		<10	<1	0.10	10	0.59	404	1	0.02	11	440	25	0.01	<2	5
ZZ35865		<10	<1	0.13	10	0.63	404	<1	0.02	13	610	84	0.02	<2	5
ZZ35866		10	<1	0.09	10	0.70	241	<1	0.03	12	680	26	0.07	<2	6
ZZ35867		10	<1	0.15	10	1.06	497	1	0.05	13	510	17	0.01	<2	7
ZZ35868		10	<1	0.19	10	1.06	855	2	0.08	11	700	28	0.01	<2	8
ZZ35869		10	<1	0.12	10	1.03	471	4	0.05	12	590	42	0.03	<2	7
ZZ35870		10	<1	0.08	10	0.86	320	9	0.04	10	660	73	0.03	2	6
ZZ35871		<10	<1	0.09	10	0.64	266	6	0.02	12	740	25	0.03	3	6
ZZ35872		10	<1	0.10	10	0.68	723	5	0.02	12	390	197	0.02	2	6



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ35833		<20	0.11	<10	<10	73	<10	80
ZZ35834		<20	0.05	<10	<10	57	<10	99
ZZ35835		<20	0.06	<10	<10	53	<10	109
ZZ35836		<20	0.02	<10	<10	52	<10	105
ZZ35837		<20	0.07	<10	<10	58	<10	115
ZZ35838		<20	0.05	<10	<10	47	<10	148
ZZ35839		<20	0.05	<10	<10	55	<10	186
ZZ35840		<20	0.07	<10	<10	49	<10	165
ZZ35841		<20	0.09	<10	<10	69	<10	156
ZZ35842		<20	0.07	<10	<10	59	<10	106
ZZ35843		<20	0.08	<10	<10	53	<10	120
ZZ35844		<20	0.07	<10	<10	66	<10	88
ZZ35845		<20	0.10	<10	<10	52	<10	80
ZZ35846		<20	0.08	<10	<10	58	<10	87
ZZ35847		<20	0.08	<10	<10	58	<10	70
ZZ35848		<20	0.08	<10	<10	64	<10	89
ZZ35849		<20	0.04	<10	<10	54	<10	65
ZZ35850		<20	0.04	<10	<10	59	<10	76
ZZ35851		<20	0.04	<10	<10	50	<10	69
ZZ35852		<20	0.01	<10	<10	26	<10	102
ZZ35853		<20	0.02	<10	<10	44	<10	178
ZZ35854		<20	0.04	<10	<10	41	<10	136
ZZ35855		<20	0.02	<10	<10	49	<10	118
ZZ35856		<20	0.06	<10	<10	30	<10	70
ZZ35857		<20	0.06	<10	<10	43	<10	85
ZZ35858		<20	0.03	<10	<10	44	<10	77
ZZ35859		<20	0.06	<10	<10	56	<10	92
ZZ35860		<20	0.06	<10	<10	60	<10	464
ZZ35861		<20	0.04	<10	<10	41	<10	91
ZZ35862		<20	0.03	<10	<10	31	<10	80
ZZ35863		<20	0.06	<10	<10	60	<10	116
ZZ35864		<20	0.08	<10	<10	52	<10	70
ZZ35865		<20	0.07	<10	<10	54	<10	127
ZZ35866		<20	0.04	<10	<10	56	<10	93
ZZ35867		<20	0.14	<10	<10	73	<10	128
ZZ35868		<20	0.13	<10	<10	83	<10	135
ZZ35869		<20	0.12	<10	<10	80	<10	143
ZZ35870		<20	0.10	<10	<10	73	<10	120
ZZ35871		<20	0.08	<10	<10	65	<10	77
ZZ35872		<20	0.07	<10	<10	63	<10	299



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**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35873		0.21	0.007	1.4	1.93	12	<10	300	<0.5	<2	0.35	0.7	6	23	39	1.71
ZZ35874		0.38	<0.005	<0.2	1.90	11	<10	290	<0.5	<2	0.35	0.6	9	29	33	2.53
ZZ35875		0.32	0.027	2.5	2.12	126	<10	430	0.7	<2	0.44	4.6	13	26	51	2.92
ZZ35876		0.60	0.018	1.0	0.80	246	<10	800	1.1	2	1.41	9.9	13	4	11	3.68
ZZ35877		0.57	0.008	0.3	1.31	23	<10	290	<0.5	2	0.36	0.5	6	20	15	1.81
ZZ35878		0.31	0.007	0.4	1.45	43	<10	270	<0.5	2	0.29	<0.5	5	19	12	2.44
ZZ35879		0.34	0.036	1.1	1.47	13	<10	420	<0.5	<2	0.41	3.0	4	16	33	1.12
ZZ35880		0.50	0.006	<0.2	1.20	23	<10	200	<0.5	<2	0.33	<0.5	7	17	17	2.43
ZZ35881		0.41	0.052	0.3	1.46	27	<10	280	<0.5	2	0.38	<0.5	6	16	21	2.66
ZZ35882		0.55	0.152	0.7	1.28	106	<10	390	0.5	2	0.40	<0.5	6	14	56	2.46
ZZ35900		0.28	0.020	1.1	1.99	85	<10	420	<0.5	2	0.41	0.6	11	21	24	3.32
ZZ35901		0.27	0.008	0.2	1.44	15	<10	160	<0.5	<2	0.22	<0.5	6	19	14	2.04
ZZ35902		0.27	0.017	1.1	2.47	297	<10	190	0.7	<2	0.20	1.1	11	26	26	3.76
ZZ35903		0.26	0.198	2.0	1.12	106	<10	480	<0.5	3	0.52	1.2	7	15	32	2.63
ZZ35904		0.35	0.043	0.9	1.11	14	<10	220	<0.5	<2	0.39	<0.5	7	17	14	2.30
ZZ35905		0.18	0.006	0.3	1.79	28	<10	200	0.5	<2	0.30	<0.5	8	25	21	2.56
ZZ35906		0.22	<0.005	0.4	2.09	17	<10	280	0.5	2	0.39	<0.5	8	23	30	2.67
ZZ35907		0.31	<0.005	0.3	1.65	41	<10	340	0.8	2	0.54	1.8	13	15	62	4.34
ZZ35908		0.36	0.007	<0.2	1.51	24	<10	210	0.5	3	0.36	<0.5	9	16	26	2.97
ZZ35909		0.28	<0.005	0.2	2.07	7	<10	230	<0.5	<2	0.37	<0.5	10	21	20	2.57
ZZ35910		0.37	<0.005	<0.2	1.74	9	<10	210	<0.5	<2	0.27	<0.5	10	23	17	2.12
ZZ35911		0.25	<0.005	<0.2	1.59	7	<10	160	<0.5	2	0.35	<0.5	8	22	15	1.97
ZZ35912		0.30	<0.005	<0.2	1.98	14	<10	170	<0.5	2	0.29	<0.5	9	24	16	2.86
ZZ35913		0.30	<0.005	<0.2	1.67	10	<10	130	<0.5	<2	0.31	<0.5	8	20	14	1.94
ZZ35914		0.23	<0.005	0.2	2.26	8	<10	240	<0.5	<2	0.58	<0.5	12	18	18	3.17
ZZ35915		0.32	0.013	0.9	1.47	65	<10	310	0.7	4	0.61	0.9	12	20	42	3.70
ZZ35916		0.26	0.006	1.0	1.48	21	<10	360	0.6	3	0.71	<0.5	11	28	46	3.47
ZZ35917		0.23	0.005	0.8	1.39	15	<10	220	0.7	2	0.35	0.5	12	24	24	2.99
ZZ35918		0.21	<0.005	0.5	2.31	25	<10	560	1.3	2	0.27	<0.5	4	18	22	2.49
ZZ35919		0.38	0.012	0.4	0.69	37	<10	190	<0.5	2	0.27	<0.5	2	11	8	1.18
ZZ35920		0.41	0.015	0.7	1.65	34	<10	180	0.7	3	0.25	<0.5	6	21	23	1.90
ZZ35921		0.24	<0.005	0.2	1.92	15	<10	160	0.5	2	0.67	<0.5	10	18	23	3.05
ZZ35922		0.23	<0.005	0.2	1.55	14	<10	120	0.5	2	0.25	<0.5	9	23	24	2.71
ZZ35923		0.58	0.006	0.5	1.47	115	<10	210	0.7	3	0.68	<0.5	12	24	30	3.10
ZZ35924		0.49	<0.005	0.3	1.84	28	<10	280	0.7	3	0.34	<0.5	13	19	50	3.11
ZZ35925		0.33	<0.005	<0.2	1.39	32	<10	180	<0.5	3	0.25	<0.5	5	19	22	1.75
ZZ35951		0.30	0.009	0.4	2.14	5	<10	260	<0.5	2	0.56	<0.5	12	14	27	3.34
ZZ35952		0.18	0.006	0.3	1.80	18	<10	310	<0.5	<2	0.37	<0.5	8	21	23	4.13
ZZ35953		0.28	<0.005	0.3	1.20	12	<10	190	<0.5	<2	0.38	<0.5	10	18	14	2.19
ZZ35954		0.25	0.005	0.2	1.39	20	<10	200	<0.5	<2	0.33	<0.5	7	17	13	2.68



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**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ35873		10	<1	0.10	20	0.57	287	1	0.02	14	520	239	0.03	2	7	31
ZZ35874		10	<1	0.11	10	0.65	362	4	0.02	19	680	47	0.03	<2	5	38
ZZ35875		10	<1	0.13	20	0.50	722	5	0.01	15	780	471	0.04	<2	8	49
ZZ35876		<10	<1	0.12	20	0.31	2290	4	0.01	4	610	34	0.06	5	8	36
ZZ35877		<10	<1	0.08	10	0.44	248	1	0.01	11	420	40	0.02	<2	4	33
ZZ35878		<10	<1	0.07	10	0.42	201	3	0.01	7	630	103	0.03	<2	4	27
ZZ35879		<10	<1	0.06	20	0.35	189	1	0.02	8	640	64	0.08	<2	5	30
ZZ35880		<10	<1	0.11	10	0.47	390	1	0.01	9	550	37	0.01	2	3	19
ZZ35881		<10	<1	0.13	20	0.52	274	1	0.01	7	780	44	0.01	<2	4	20
ZZ35882		<10	<1	0.11	20	0.38	423	1	0.01	7	620	32	0.03	3	5	25
ZZ35900		10	<1	0.09	10	0.42	1120	1	0.01	9	790	114	0.04	<2	4	29
ZZ35901		10	<1	0.06	20	0.32	366	1	0.01	8	560	19	0.02	<2	2	18
ZZ35902		10	<1	0.12	20	0.48	942	2	0.01	12	640	216	0.02	<2	6	15
ZZ35903		<10	<1	0.07	20	0.27	1015	5	0.01	8	860	164	0.06	3	4	43
ZZ35904		<10	<1	0.06	10	0.35	348	1	0.02	7	720	19	0.03	<2	3	30
ZZ35905		10	<1	0.08	10	0.58	244	3	0.02	11	680	40	0.04	<2	6	43
ZZ35906		10	<1	0.09	20	0.57	365	5	0.01	10	870	35	0.04	<2	7	60
ZZ35907		10	<1	0.24	20	0.74	1020	15	0.01	7	990	79	0.01	4	11	46
ZZ35908		<10	<1	0.11	20	0.58	844	2	0.02	9	590	48	0.01	2	5	33
ZZ35909		10	<1	0.09	10	0.70	402	1	0.02	13	800	16	0.04	<2	4	33
ZZ35910		<10	<1	0.11	10	0.64	320	1	0.02	14	390	17	0.02	<2	4	22
ZZ35911		<10	<1	0.11	10	0.61	395	<1	0.02	11	560	23	0.02	<2	4	23
ZZ35912		10	<1	0.09	10	0.68	288	1	0.02	13	680	35	0.03	<2	4	21
ZZ35913		<10	<1	0.09	10	0.61	228	1	0.02	11	680	17	0.02	<2	4	20
ZZ35914		10	<1	0.08	10	1.06	327	1	0.08	10	610	15	0.04	<2	7	40
ZZ35915		<10	<1	0.18	20	0.67	1345	2	0.02	10	640	155	0.05	4	8	30
ZZ35916		<10	1	0.12	20	0.62	990	1	0.02	13	690	70	0.07	2	8	34
ZZ35917		<10	<1	0.11	10	0.43	1555	1	0.01	12	470	68	0.03	4	6	20
ZZ35918		<10	<1	0.12	40	0.22	883	1	0.01	9	860	38	0.06	<2	3	22
ZZ35919		<10	<1	0.09	20	0.20	326	4	0.01	4	370	24	0.03	4	1	15
ZZ35920		<10	<1	0.11	20	0.44	347	1	0.01	10	520	48	0.03	5	3	17
ZZ35921		10	<1	0.13	10	0.72	839	1	0.04	10	770	16	0.06	2	4	40
ZZ35922		<10	<1	0.10	20	0.51	453	2	0.01	13	380	19	0.03	<2	4	20
ZZ35923		<10	<1	0.15	20	0.56	761	2	0.02	12	540	30	0.05	3	8	31
ZZ35924		<10	<1	0.15	20	0.66	692	3	0.01	9	620	27	0.05	6	6	19
ZZ35925		<10	<1	0.10	10	0.42	237	3	0.01	7	510	15	0.06	3	3	14
ZZ35951		10	<1	0.18	10	0.95	1380	1	0.05	6	660	45	0.01	<2	7	56
ZZ35952		10	<1	0.08	10	0.45	789	2	0.02	9	870	24	0.06	<2	5	35
ZZ35953		<10	<1	0.09	10	0.48	1065	2	0.03	8	600	83	0.03	<2	3	27
ZZ35954		<10	<1	0.07	10	0.42	674	2	0.02	7	630	22	0.04	<2	3	19



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ35873		<20	0.06	<10	<10	51	<10	159
ZZ35874		<20	0.08	<10	<10	57	<10	110
ZZ35875		<20	0.04	<10	<10	55	<10	855
ZZ35876		20	<0.01	<10	<10	29	<10	993
ZZ35877		<20	0.05	<10	<10	42	<10	122
ZZ35878		<20	0.03	<10	<10	62	<10	129
ZZ35879		<20	0.04	<10	<10	32	<10	169
ZZ35880		<20	0.10	<10	<10	54	<10	83
ZZ35881		<20	0.10	<10	<10	59	<10	111
ZZ35882		<20	0.06	<10	<10	50	<10	86
ZZ35900		<20	0.07	<10	<10	66	<10	156
ZZ35901		<20	0.05	<10	<10	48	<10	78
ZZ35902		<20	0.07	<10	<10	68	<10	286
ZZ35903		<20	0.04	<10	<10	61	<10	156
ZZ35904		<20	0.06	<10	<10	63	10	89
ZZ35905		<20	0.05	<10	<10	59	<10	109
ZZ35906		<20	0.04	<10	<10	63	<10	96
ZZ35907		20	0.09	<10	<10	84	<10	336
ZZ35908		<20	0.07	<10	<10	55	<10	121
ZZ35909		<20	0.07	<10	<10	59	<10	84
ZZ35910		<20	0.09	<10	<10	51	<10	66
ZZ35911		<20	0.09	<10	<10	47	<10	69
ZZ35912		<20	0.07	<10	<10	60	<10	87
ZZ35913		<20	0.07	<10	<10	48	<10	64
ZZ35914		<20	0.10	<10	<10	79	<10	86
ZZ35915		<20	0.06	<10	<10	64	<10	164
ZZ35916		<20	0.06	<10	<10	63	<10	149
ZZ35917		<20	0.03	<10	<10	55	<10	201
ZZ35918		<20	0.01	<10	<10	26	<10	74
ZZ35919		<20	0.02	<10	<10	16	<10	70
ZZ35920		<20	0.03	<10	<10	36	<10	109
ZZ35921		<20	0.06	<10	<10	66	<10	63
ZZ35922		<20	0.06	<10	<10	52	<10	57
ZZ35923		<20	0.04	<10	<10	58	<10	78
ZZ35924		<20	0.03	<10	<10	57	<10	64
ZZ35925		<20	0.03	<10	<10	39	<10	40
ZZ35951		<20	0.09	<10	<10	84	<10	121
ZZ35952		<20	0.04	<10	<10	57	<10	79
ZZ35953		<20	0.07	<10	<10	48	<10	87
ZZ35954		<20	0.05	<10	<10	44	<10	68



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35955		0.34	0.006	0.2	1.95	25	<10	210	<0.5	<2	0.36	<0.5	6	21	16	2.41
ZZ35956		0.27	<0.005	0.2	1.06	32	<10	190	<0.5	2	0.27	<0.5	5	12	18	1.86
ZZ35957		0.38	<0.005	0.4	1.50	23	<10	230	<0.5	<2	0.35	<0.5	7	21	21	1.94
ZZ35958		0.45	0.006	1.0	1.82	52	<10	230	0.6	2	0.40	0.5	9	30	30	3.02
ZZ35959		0.35	0.007	0.3	1.66	43	<10	450	0.5	3	0.50	<0.5	10	29	29	3.18
ZZ35960		0.22	0.020	0.5	1.72	82	<10	350	0.6	2	0.65	<0.5	10	23	53	2.84
ZZ35961		0.23	0.006	0.8	1.36	52	<10	270	0.6	3	0.70	<0.5	5	19	53	1.93
ZZ35962		0.44	0.007	<0.2	1.56	16	<10	200	<0.5	2	0.43	<0.5	6	22	13	2.26
ZZ35963		0.46	0.007	0.2	1.66	55	<10	240	0.6	3	0.38	<0.5	8	23	43	4.50
ZZ35964		0.30	<0.005	<0.2	1.53	27	<10	220	<0.5	2	0.50	<0.5	13	18	20	2.65
ZZ35965		0.26	0.005	0.2	1.46	61	<10	220	0.6	2	0.26	<0.5	9	21	38	2.62
ZZ35966		0.27	0.015	0.6	1.04	87	<10	320	1.0	4	0.36	0.5	9	23	82	3.48
ZZ35967		0.27	<0.005	<0.2	1.19	29	<10	120	<0.5	<2	0.11	<0.5	6	23	28	2.64
ZZ35968		0.39	0.005	0.5	0.68	63	<10	200	<0.5	6	0.15	<0.5	5	14	85	2.40
ZZ35969		0.30	0.009	0.5	1.44	47	<10	190	<0.5	2	0.12	<0.5	8	26	39	2.55
ZZ35970		0.50	0.024	0.7	0.86	453	<10	190	<0.5	<2	0.17	<0.5	5	16	32	2.36
ZZ35971		0.24	0.005	0.3	1.70	30	<10	100	0.5	<2	0.11	<0.5	6	24	28	2.34
ZZ35972		0.23	<0.005	<0.2	1.55	13	<10	70	<0.5	<2	0.12	<0.5	7	21	18	2.29
ZZ35973		0.38	<0.005	0.2	2.23	35	<10	290	0.7	<2	0.76	<0.5	12	34	24	2.89
ZZ50801		0.36	0.073	3.4	1.36	47	<10	380	0.6	4	0.37	2.6	8	22	235	3.29
ZZ50802		0.34	0.022	0.4	0.78	17	<10	260	0.6	<2	0.32	0.6	5	13	35	2.42
ZZ50803		0.29	0.053	0.3	1.13	16	<10	280	0.5	2	0.32	0.6	7	16	26	2.39
ZZ50804		0.16	0.084	1.3	1.62	60	<10	610	0.9	4	0.41	1.3	8	23	99	3.57
ZZ50805		0.26	0.065	1.0	1.71	95	<10	260	0.7	3	0.13	0.7	11	18	37	2.89
ZZ50806		0.27	0.058	1.5	1.94	44	<10	380	0.8	2	0.25	2.4	4	19	59	2.23
ZZ50807		0.22	0.024	0.4	1.59	23	<10	600	0.5	2	0.29	0.7	8	23	37	2.51
ZZ50808		0.31	0.045	0.5	0.92	42	<10	250	<0.5	<2	0.28	2.6	9	16	29	2.17
ZZ50809		0.25	0.015	0.3	1.22	13	<10	210	<0.5	<2	0.27	<0.5	4	18	14	1.83
ZZ50810		0.49	0.028	0.7	0.87	58	<10	370	0.8	3	0.35	2.5	9	11	52	4.38
ZZ50811		0.38	0.064	0.6	1.38	19	<10	340	<0.5	<2	0.37	0.8	8	20	38	2.59
ZZ50812		0.33	0.129	1.2	1.29	133	<10	270	<0.5	3	0.37	1.6	7	21	40	2.35
ZZ50813		0.27	0.042	0.4	1.43	37	<10	380	0.5	2	0.38	0.9	8	19	57	3.24
ZZ50814		0.28	0.058	0.5	1.42	23	<10	260	<0.5	2	0.29	<0.5	7	20	24	2.49
ZZ50815		0.27	0.021	1.3	1.97	25	<10	320	0.5	2	0.23	<0.5	8	25	24	3.36
ZZ50816		0.16	0.012	<0.2	1.70	7	<10	180	<0.5	<2	0.27	<0.5	6	21	13	1.69
ZZ50817		0.47	0.027	<0.2	1.58	8	<10	190	<0.5	<2	0.31	<0.5	7	22	17	2.09
ZZ50818		0.37	0.010	0.2	1.86	14	<10	240	<0.5	<2	0.33	<0.5	11	24	18	2.75
ZZ50819		0.27	0.048	<0.2	1.37	10	<10	120	<0.5	3	0.30	<0.5	7	19	13	2.22
ZZ50820		0.23	0.015	<0.2	1.66	13	<10	150	<0.5	<2	0.32	<0.5	9	19	18	2.60
ZZ50821		0.28	0.012	<0.2	2.09	19	<10	160	0.5	2	0.27	<0.5	9	23	24	3.71





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**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ35955		10	<1	0.07	10	0.65	287	2	0.02	10	630	19	0.03	<2	4	21
ZZ35956		<10	<1	0.04	10	0.20	397	2	0.03	6	680	11	0.08	<2	2	17
ZZ35957		<10	<1	0.08	10	0.51	745	2	0.02	11	730	32	0.05	3	3	20
ZZ35958		10	<1	0.11	10	0.61	830	4	0.02	16	720	61	0.04	3	4	26
ZZ35959		<10	<1	0.15	10	0.68	1000	6	0.03	14	400	24	0.04	4	5	33
ZZ35960		<10	<1	0.11	10	0.42	807	3	0.02	13	640	28	0.05	4	3	29
ZZ35961		<10	<1	0.08	20	0.28	521	2	0.01	10	1090	53	0.10	3	2	36
ZZ35962		<10	<1	0.09	10	0.62	457	2	0.02	9	640	12	0.04	<2	3	24
ZZ35963		<10	<1	0.11	20	0.56	510	8	0.02	10	720	19	0.07	5	6	22
ZZ35964		10	<1	0.14	10	0.65	1145	3	0.02	9	600	19	0.05	3	4	26
ZZ35965		<10	<1	0.11	10	0.56	534	4	0.02	12	380	20	0.03	7	5	18
ZZ35966		<10	<1	0.10	20	0.24	1475	25	0.01	13	740	32	0.08	17	5	22
ZZ35967		10	<1	0.07	10	0.31	523	7	0.01	13	380	17	0.04	4	2	12
ZZ35968		<10	<1	0.14	20	0.20	443	8	0.01	8	530	55	0.21	30	2	16
ZZ35969		<10	<1	0.08	20	0.37	736	4	0.01	17	620	31	0.07	17	2	13
ZZ35970		<10	<1	0.08	20	0.22	398	1	0.01	8	580	27	0.06	20	2	15
ZZ35971		<10	<1	0.07	10	0.34	221	1	0.01	13	430	12	0.03	<2	2	12
ZZ35972		<10	<1	0.09	10	0.44	319	<1	0.01	12	320	13	0.02	<2	3	10
ZZ35973		10	<1	0.19	20	0.90	491	<1	0.01	14	580	23	0.03	3	5	31
ZZ50801		<10	<1	0.12	20	0.40	736	6	0.02	10	600	130	0.02	5	7	26
ZZ50802		<10	<1	0.11	20	0.24	337	<1	0.01	6	710	42	<0.01	<2	6	19
ZZ50803		<10	<1	0.11	20	0.36	452	1	0.01	7	690	33	0.01	<2	6	23
ZZ50804		<10	<1	0.15	20	0.32	1035	<1	0.01	10	690	139	0.04	<2	6	24
ZZ50805		<10	<1	0.11	10	0.24	600	1	0.01	11	400	109	0.03	<2	3	14
ZZ50806		10	<1	0.11	10	0.22	224	<1	0.01	9	530	137	0.04	<2	3	21
ZZ50807		<10	<1	0.10	20	0.40	523	1	0.01	11	590	43	0.02	<2	4	22
ZZ50808		<10	<1	0.09	20	0.32	675	1	0.01	8	630	114	0.01	<2	4	16
ZZ50809		<10	<1	0.07	10	0.34	198	<1	0.01	9	540	31	0.02	<2	3	16
ZZ50810		<10	<1	0.12	30	0.26	1320	1	0.01	4	870	120	<0.01	3	7	22
ZZ50811		<10	<1	0.10	20	0.40	520	1	0.02	9	720	41	0.01	<2	5	25
ZZ50812		<10	<1	0.08	20	0.45	187	<1	0.01	9	800	135	0.01	2	4	25
ZZ50813		<10	<1	0.11	20	0.44	382	<1	0.01	9	900	57	0.02	2	6	24
ZZ50814		<10	<1	0.06	20	0.41	287	1	0.01	8	750	35	0.01	<2	4	17
ZZ50815		<10	<1	0.07	10	0.43	263	2	0.01	9	560	36	0.02	<2	5	18
ZZ50816		<10	<1	0.06	10	0.49	208	<1	0.02	8	670	16	0.02	<2	4	18
ZZ50817		<10	<1	0.08	10	0.52	203	<1	0.02	11	650	12	0.01	<2	5	19
ZZ50818		<10	<1	0.08	10	0.56	296	<1	0.02	10	750	14	0.01	<2	6	22
ZZ50819		<10	<1	0.07	10	0.50	176	<1	0.02	7	640	14	0.01	<2	4	18
ZZ50820		<10	<1	0.07	10	0.56	231	<1	0.02	9	730	19	0.02	<2	5	18
ZZ50821		10	<1	0.06	10	0.66	185	<1	0.02	9	570	18	0.04	<2	7	20



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**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ35955		<20	0.06	<10	<10	57	<10	63
ZZ35956		<20	0.03	<10	<10	41	<10	32
ZZ35957		<20	0.06	<10	<10	45	<10	84
ZZ35958		<20	0.08	<10	<10	64	<10	185
ZZ35959		<20	0.08	<10	<10	61	<10	98
ZZ35960		<20	0.04	<10	<10	49	<10	107
ZZ35961		<20	0.03	<10	<10	35	<10	98
ZZ35962		<20	0.05	<10	<10	48	<10	65
ZZ35963		<20	0.05	<10	<10	59	<10	67
ZZ35964		<20	0.06	<10	<10	60	<10	61
ZZ35965		<20	0.05	<10	<10	48	<10	73
ZZ35966		<20	0.02	<10	10	58	<10	107
ZZ35967		<20	0.08	<10	<10	59	<10	65
ZZ35968		<20	0.03	<10	<10	30	<10	60
ZZ35969		<20	0.05	<10	<10	48	<10	72
ZZ35970		<20	0.03	<10	<10	38	<10	74
ZZ35971		<20	0.06	<10	<10	51	<10	42
ZZ35972		<20	0.07	<10	<10	53	<10	51
ZZ35973		<20	0.03	<10	<10	60	<10	54
ZZ50801		<20	0.05	<10	<10	46	<10	245
ZZ50802		<20	0.03	<10	<10	36	<10	105
ZZ50803		<20	0.05	<10	<10	39	<10	85
ZZ50804		<20	0.02	<10	<10	43	<10	235
ZZ50805		<20	0.01	<10	<10	36	<10	200
ZZ50806		<20	0.01	<10	<10	42	<10	218
ZZ50807		<20	0.03	<10	<10	50	<10	126
ZZ50808		<20	0.04	<10	<10	35	<10	206
ZZ50809		<20	0.04	<10	<10	39	<10	59
ZZ50810		20	0.02	<10	<10	43	<10	335
ZZ50811		<20	0.07	<10	<10	47	<10	106
ZZ50812		<20	0.08	<10	<10	47	<10	202
ZZ50813		<20	0.07	<10	<10	57	<10	121
ZZ50814		<20	0.05	<10	<10	47	<10	77
ZZ50815		<20	0.03	<10	<10	61	<10	70
ZZ50816		<20	0.05	<10	<10	51	<10	49
ZZ50817		<20	0.08	<10	<10	52	<10	52
ZZ50818		<20	0.07	<10	<10	64	<10	52
ZZ50819		<20	0.07	<10	<10	55	<10	47
ZZ50820		<20	0.07	<10	<10	61	<10	56
ZZ50821		<20	0.07	<10	<10	77	<10	51



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**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50822		0.36	0.031	0.4	1.95	24	<10	190	0.5	2	0.43	<0.5	12	18	22	3.98
ZZ50823		0.27	0.110	1.2	1.09	78	<10	220	0.6	5	0.51	0.5	13	12	36	5.16
ZZ50824		0.24	0.022	0.6	1.74	26	<10	200	0.7	2	0.83	<0.5	18	14	22	4.87
ZZ50825		0.27	0.496	0.4	0.84	54	<10	100	0.8	3	0.33	<0.5	18	9	16	5.53
ZZ50826		0.22	0.082	0.7	1.78	688	<10	60	0.9	5	0.04	<0.5	19	19	35	7.30
ZZ50827		0.18	0.014	0.7	1.50	119	<10	40	0.5	3	0.06	<0.5	13	17	26	4.16
ZZ50828		0.25	0.009	0.2	1.66	49	<10	100	0.6	3	0.21	<0.5	15	19	30	3.99
ZZ50829		0.28	0.014	0.2	1.17	42	<10	140	0.7	3	0.33	<0.5	17	15	34	4.55
ZZ50830		0.27	0.026	0.2	1.12	34	<10	120	0.5	2	0.35	<0.5	14	13	27	4.30
ZZ50831		0.32	0.010	0.3	1.09	250	<10	190	0.6	3	0.35	<0.5	14	13	23	3.87
ZZ50832		0.36	<0.005	0.3	1.59	50	<10	150	<0.5	<2	0.38	<0.5	7	23	17	2.58
ZZ50833		0.16	<0.005	<0.2	1.88	32	<10	90	<0.5	<2	0.18	<0.5	8	22	17	2.92
ZZ50834		0.13	<0.005	0.3	1.36	21	<10	120	<0.5	<2	0.28	<0.5	5	11	16	1.61
ZZ50835		0.22	<0.005	0.4	2.06	31	<10	270	0.5	<2	0.57	<0.5	8	21	26	2.72
ZZ50836		0.24	<0.005	0.4	2.00	28	<10	260	<0.5	<2	0.44	<0.5	7	21	25	3.34
ZZ50837		0.22	<0.005	<0.2	1.61	12	<10	180	<0.5	<2	0.37	<0.5	6	18	17	1.98
ZZ50838		0.17	<0.005	0.6	2.45	17	<10	370	<0.5	<2	0.66	<0.5	7	25	29	2.75
ZZ50839		0.20	<0.005	0.3	2.19	10	<10	320	<0.5	<2	0.44	<0.5	5	25	27	1.96
ZZ50840		0.17	<0.005	0.3	1.68	18	<10	190	<0.5	<2	0.41	<0.5	5	18	20	2.45
ZZ50841		0.17	<0.005	<0.2	1.32	5	<10	150	<0.5	2	0.41	<0.5	8	18	12	2.54
ZZ50842		0.21	<0.005	<0.2	1.08	7	<10	130	<0.5	<2	0.38	<0.5	6	15	11	1.80
ZZ50843		0.31	0.007	<0.2	1.90	7	<10	260	<0.5	2	0.38	<0.5	8	24	18	2.08
ZZ50844		0.18	0.011	0.3	1.43	9	<10	180	<0.5	<2	0.45	<0.5	5	18	17	1.58
ZZ50845		0.17	<0.005	<0.2	1.17	8	<10	140	<0.5	<2	0.37	<0.5	5	16	10	1.54
ZZ50846		0.27	0.082	1.4	1.48	289	<10	340	0.5	2	0.30	2.1	5	19	27	3.52
ZZ50847		0.32	0.023	0.4	1.20	35	<10	240	<0.5	<2	0.27	<0.5	3	16	18	1.75
ZZ50848		0.24	0.010	<0.2	1.01	2	<10	200	<0.5	<2	0.29	<0.5	4	17	10	1.12
ZZ50849		0.40	0.009	0.3	1.43	14	<10	260	<0.5	<2	0.26	<0.5	7	20	13	1.64
ZZ50850		0.36	0.025	<0.2	1.21	7	<10	140	<0.5	<2	0.29	<0.5	6	18	14	1.66
ZZ50851		0.26	0.011	0.2	1.43	14	<10	270	<0.5	<2	0.30	<0.5	6	23	19	2.33
ZZ50852		0.37	0.015	0.5	1.80	21	<10	220	<0.5	<2	0.21	<0.5	9	23	15	2.64
ZZ50853		0.20	0.306	6.7	2.34	46	<10	590	0.7	4	0.36	2.2	5	20	82	3.17
ZZ50854		0.30	NSS	0.2	1.12	10	<10	190	<0.5	<2	0.23	<0.5	7	15	15	2.17
ZZ50855		0.25	0.009	0.2	1.90	18	<10	210	<0.5	<2	0.24	<0.5	7	27	17	2.29
ZZ50856		0.17	0.019	0.6	1.58	10	<10	250	<0.5	<2	0.19	<0.5	3	18	14	1.28
ZZ50857		0.31	0.021	0.4	1.33	32	<10	190	0.5	<2	0.29	<0.5	9	23	16	2.56
ZZ50858		0.28	0.032	0.3	1.43	17	<10	130	<0.5	<2	0.22	<0.5	5	22	13	1.81
ZZ50859		0.31	0.019	0.2	1.25	33	<10	90	<0.5	<2	0.25	<0.5	9	23	18	2.96
ZZ50860		0.25	0.053	0.2	1.36	43	<10	120	0.5	<2	0.30	<0.5	9	26	20	3.25
ZZ50861		0.20	0.035	1.8	1.66	37	<10	260	0.9	2	0.25	1.1	16	25	43	3.65



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**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50822		<10	<1	0.15	10	0.93	569	1	0.03	6	580	30	0.05	2	8	32
ZZ50823		<10	<1	0.13	20	0.47	815	2	0.02	5	700	82	0.16	2	9	53
ZZ50824		<10	<1	0.11	20	0.64	806	2	0.02	7	850	45	0.09	<2	8	178
ZZ50825		<10	<1	0.08	20	0.13	1325	5	0.01	6	690	91	0.15	2	7	23
ZZ50826		<10	<1	0.09	20	0.29	1835	1	0.01	11	680	155	0.10	4	11	8
ZZ50827		<10	<1	0.06	10	0.27	724	2	0.01	8	790	31	0.12	<2	2	9
ZZ50828		<10	<1	0.08	10	0.48	563	1	0.02	12	520	20	0.05	<2	6	16
ZZ50829		<10	<1	0.09	20	0.42	862	2	0.03	10	410	31	0.10	<2	8	28
ZZ50830		<10	<1	0.09	10	0.40	602	6	0.03	7	470	21	0.11	3	6	27
ZZ50831		<10	<1	0.10	10	0.39	1060	2	0.02	7	650	36	0.05	5	6	22
ZZ50832		<10	<1	0.07	10	0.48	344	<1	0.02	11	370	12	0.01	<2	4	22
ZZ50833		10	<1	0.09	10	0.51	277	1	0.01	15	420	17	0.02	<2	4	17
ZZ50834		<10	<1	0.05	10	0.26	279	<1	0.03	6	670	8	0.04	<2	2	23
ZZ50835		<10	<1	0.08	10	0.55	338	<1	0.03	10	870	13	0.07	<2	4	41
ZZ50836		<10	<1	0.07	10	0.53	221	<1	0.02	10	750	13	0.06	<2	4	38
ZZ50837		<10	<1	0.07	10	0.50	224	<1	0.03	10	370	9	0.02	<2	4	31
ZZ50838		10	<1	0.09	10	0.58	306	<1	0.03	13	930	12	0.07	<2	4	59
ZZ50839		10	<1	0.10	10	0.57	192	<1	0.02	12	470	17	0.03	<2	4	38
ZZ50840		<10	<1	0.07	10	0.38	332	<1	0.03	8	670	9	0.05	<2	3	39
ZZ50841		<10	<1	0.05	10	0.48	331	<1	0.02	6	560	7	0.01	<2	4	40
ZZ50842		<10	<1	0.08	10	0.38	235	<1	0.02	5	360	5	0.02	<2	3	40
ZZ50843		<10	<1	0.09	10	0.59	204	<1	0.02	11	700	8	0.02	<2	5	30
ZZ50844		<10	<1	0.06	10	0.37	137	<1	0.02	8	750	19	0.06	<2	3	41
ZZ50845		<10	<1	0.05	10	0.32	212	<1	0.01	7	690	13	0.02	<2	3	26
ZZ50846		<10	<1	0.08	10	0.33	184	<1	0.01	6	630	145	0.02	2	4	20
ZZ50847		<10	<1	0.06	10	0.30	120	<1	0.01	6	670	91	0.01	<2	4	15
ZZ50848		<10	<1	0.04	10	0.33	186	<1	0.01	7	550	24	<0.01	<2	3	16
ZZ50849		<10	<1	0.06	10	0.34	306	<1	0.01	8	670	47	0.01	<2	3	16
ZZ50850		<10	<1	0.07	10	0.37	175	<1	0.01	8	660	22	<0.01	<2	3	16
ZZ50851		<10	<1	0.07	20	0.44	229	<1	0.01	10	610	20	<0.01	<2	5	20
ZZ50852		<10	<1	0.04	10	0.42	255	6	0.01	7	830	35	0.02	<2	3	15
ZZ50853		10	<1	0.12	30	0.51	261	48	0.01	6	620	158	0.14	4	9	28
ZZ50854		<10	<1	0.08	10	0.36	427	14	0.01	6	400	12	0.01	<2	3	19
ZZ50855		10	<1	0.08	10	0.48	195	<1	0.01	11	670	25	0.04	<2	4	17
ZZ50856		<10	<1	0.07	10	0.25	117	<1	0.01	7	370	33	0.05	<2	3	14
ZZ50857		<10	<1	0.10	20	0.47	681	1	0.01	11	630	34	0.02	<2	4	19
ZZ50858		<10	<1	0.08	20	0.45	148	<1	0.01	10	340	19	0.02	<2	5	14
ZZ50859		<10	<1	0.08	10	0.50	338	1	0.01	7	560	20	0.01	2	4	15
ZZ50860		<10	<1	0.09	10	0.48	643	1	0.01	11	620	32	0.01	<2	5	19
ZZ50861		<10	<1	0.08	20	0.36	4830	3	0.01	13	960	132	0.08	2	7	20



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**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ50822		<20	0.09	<10	<10	91	<10	88
ZZ50823		<20	0.04	<10	<10	67	<10	156
ZZ50824		<20	0.04	<10	<10	74	<10	79
ZZ50825		<20	0.01	<10	<10	56	<10	170
ZZ50826		<20	0.01	<10	<10	74	<10	210
ZZ50827		<20	0.03	<10	<10	70	<10	67
ZZ50828		<20	0.05	<10	<10	59	<10	45
ZZ50829		<20	0.03	<10	<10	56	<10	64
ZZ50830		<20	0.04	<10	<10	60	<10	55
ZZ50831		<20	0.04	<10	<10	55	<10	107
ZZ50832		<20	0.06	<10	<10	60	<10	51
ZZ50833		<20	0.09	<10	<10	70	<10	60
ZZ50834		<20	0.05	<10	<10	40	<10	34
ZZ50835		<20	0.05	<10	<10	63	<10	56
ZZ50836		<20	0.05	<10	<10	61	<10	57
ZZ50837		<20	0.06	<10	<10	48	<10	44
ZZ50838		<20	0.06	<10	<10	66	<10	67
ZZ50839		<20	0.06	<10	<10	57	<10	63
ZZ50840		<20	0.05	<10	<10	50	<10	52
ZZ50841		<20	0.08	<10	<10	87	<10	45
ZZ50842		<20	0.08	<10	<10	58	<10	43
ZZ50843		<20	0.08	<10	<10	56	<10	49
ZZ50844		<20	0.04	<10	<10	42	<10	70
ZZ50845		<20	0.04	<10	<10	33	<10	57
ZZ50846		<20	0.03	<10	<10	54	<10	244
ZZ50847		<20	0.03	<10	<10	39	<10	109
ZZ50848		<20	0.06	<10	<10	33	<10	56
ZZ50849		<20	0.03	<10	<10	42	<10	81
ZZ50850		<20	0.07	<10	<10	37	<10	59
ZZ50851		<20	0.08	<10	<10	49	<10	58
ZZ50852		<20	0.05	<10	<10	62	<10	93
ZZ50853		<20	0.01	<10	<10	66	<10	124
ZZ50854		<20	0.05	<10	<10	51	10	57
ZZ50855		<20	0.04	<10	<10	53	<10	70
ZZ50856		<20	0.02	<10	<10	22	<10	67
ZZ50857		<20	0.05	<10	<10	47	<10	164
ZZ50858		<20	0.04	<10	<10	42	<10	52
ZZ50859		<20	0.04	<10	<10	51	<10	60
ZZ50860		<20	0.05	<10	<10	54	<10	89
ZZ50861		<20	0.03	<10	<10	54	<10	120



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**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50862		0.21	0.012	1.0	1.82	34	<10	190	0.6	2	0.23	0.8	11	23	32	3.70
ZZ50863		0.47	0.007	0.3	2.03	38	<10	280	0.7	3	0.27	<0.5	15	36	48	4.13
ZZ50864		0.28	<0.005	0.2	2.61	35	<10	310	1.0	5	0.26	<0.5	18	35	29	5.56
ZZ50865		0.27	0.014	0.4	1.67	48	<10	600	0.7	5	0.19	<0.5	14	18	30	4.67
ZZ50866		0.25	<0.005	0.2	1.62	22	<10	150	0.5	<2	0.15	<0.5	8	22	17	2.60
ZZ50867		0.24	0.019	0.5	0.93	51	<10	100	0.5	2	0.35	<0.5	7	15	11	2.48
ZZ50868		0.21	0.022	0.7	1.88	42	<10	260	0.8	<2	0.40	<0.5	9	24	24	2.95
ZZ50869		0.27	0.020	0.5	1.39	34	<10	200	0.5	6	0.35	<0.5	6	21	20	2.36
ZZ50870		0.30	0.016	0.6	2.24	25	<10	260	0.5	4	0.45	<0.5	9	19	20	2.78
ZZ50871		0.28	<0.005	<0.2	1.82	20	<10	260	<0.5	4	0.49	<0.5	11	17	17	3.06
ZZ50872		0.24	<0.005	0.2	1.73	13	<10	280	<0.5	4	0.46	<0.5	7	21	18	2.33
ZZ50873		0.13	<0.005	0.2	1.59	10	<10	290	<0.5	4	0.39	<0.5	6	14	17	1.93
ZZ50874		0.24	0.011	0.2	1.58	14	<10	170	<0.5	3	0.22	<0.5	6	20	18	2.15
ZZ50875		0.15	<0.005	0.5	1.28	8	<10	140	<0.5	3	0.22	<0.5	7	18	19	1.78
ZZ50876		0.30	<0.005	0.2	1.40	18	<10	180	<0.5	4	0.25	<0.5	7	19	23	2.03
ZZ50877		0.28	<0.005	<0.2	1.11	16	<10	130	<0.5	4	0.27	<0.5	4	18	16	1.66
ZZ50878		0.26	<0.005	0.2	1.30	10	<10	170	<0.5	4	0.17	<0.5	3	16	13	1.38
ZZ50879		0.21	<0.005	<0.2	1.51	8	<10	160	<0.5	3	0.29	<0.5	7	21	15	1.77
ZZ50880		0.30	<0.005	<0.2	1.25	16	<10	240	<0.5	4	0.28	<0.5	4	18	11	1.54
ZZ50881		0.24	<0.005	0.2	1.48	9	<10	120	<0.5	4	0.18	<0.5	6	22	14	2.09
ZZ50882		0.18	<0.005	0.4	1.84	18	<10	220	<0.5	4	0.23	<0.5	5	21	16	2.36
ZZ50883		0.24	<0.005	0.4	1.17	11	<10	190	<0.5	4	0.14	<0.5	6	15	18	1.88
ZZ50884		0.22	<0.005	0.2	1.22	12	<10	240	<0.5	3	0.23	<0.5	6	18	20	1.89
ZZ50885		0.29	0.008	0.6	1.85	16	<10	220	<0.5	4	0.22	<0.5	5	25	28	2.10
ZZ50886		0.32	0.010	0.5	1.78	35	<10	370	0.5	4	0.28	<0.5	7	21	31	2.17
ZZ50887		0.22	0.005	0.3	1.67	21	<10	270	<0.5	4	0.27	<0.5	7	19	15	2.01
ZZ50888		0.22	<0.005	0.4	2.28	50	<10	430	0.6	5	0.30	0.6	10	19	34	2.84
ZZ50889		0.25	0.005	0.4	2.21	34	<10	290	0.6	11	0.55	<0.5	10	18	39	3.27
ZZ50890		0.22	<0.005	0.5	2.48	26	<10	210	0.5	5	0.39	<0.5	9	21	26	3.14
ZZ50891		0.21	0.006	0.8	2.17	33	<10	150	0.7	13	0.13	<0.5	15	13	55	4.55
ZZ50892		0.18	0.016	0.9	2.43	36	<10	160	0.8	13	0.14	<0.5	17	15	61	5.11
ZZ50893		0.35	0.264	8.4	0.91	241	<10	270	0.9	6	0.28	2.3	11	11	56	4.08
ZZ50894		0.23	0.013	0.2	1.92	33	<10	110	0.6	6	0.13	<0.5	9	23	15	2.99
ZZ50895		0.35	0.007	<0.2	1.05	10	<10	170	0.5	5	0.33	<0.5	4	17	10	1.96
ZZ50896		0.34	0.006	0.2	1.07	10	<10	180	<0.5	4	0.31	<0.5	5	17	10	1.95
ZZ50897		0.20	<0.005	0.2	1.12	13	<10	130	<0.5	5	0.30	<0.5	6	18	21	2.42
ZZ50898		0.28	0.006	0.2	1.36	18	<10	130	<0.5	5	0.30	<0.5	5	21	17	2.23
ZZ50899		0.26	<0.005	<0.2	1.45	7	<10	130	<0.5	5	0.26	<0.5	5	18	9	1.76
ZZ50900		0.27	0.015	0.5	1.40	10	<10	140	<0.5	5	0.25	<0.5	5	20	12	1.57



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**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50862		<10	<1	0.10	20	0.47	685	1	0.01	10	580	62	0.03	2	7	18
ZZ50863		<10	<1	0.11	30	0.79	767	<1	0.01	14	330	36	0.01	5	8	22
ZZ50864		10	<1	0.23	20	0.99	957	<1	0.01	12	390	54	0.03	3	10	17
ZZ50865		<10	<1	0.10	20	0.45	762	3	0.01	9	460	89	0.04	<2	8	24
ZZ50866		<10	<1	0.08	10	0.38	349	1	0.01	12	530	25	0.03	<2	3	13
ZZ50867		<10	<1	0.09	20	0.28	466	4	0.01	6	730	30	0.03	<2	3	29
ZZ50868		<10	<1	0.11	20	0.40	579	4	0.01	12	1140	28	0.06	<2	3	31
ZZ50869		<10	<1	0.08	10	0.37	418	3	0.01	9	580	26	0.03	2	3	25
ZZ50870		10	<1	0.11	10	0.57	495	3	0.03	8	530	24	0.03	<2	4	35
ZZ50871		10	<1	0.11	10	0.74	572	2	0.05	8	500	25	<0.01	<2	5	45
ZZ50872		10	<1	0.11	10	0.56	337	1	0.03	10	530	11	0.01	<2	4	33
ZZ50873		10	<1	0.05	10	0.40	404	1	0.03	6	820	13	0.06	<2	2	36
ZZ50874		<10	<1	0.11	10	0.41	381	1	0.01	10	470	17	0.01	<2	3	18
ZZ50875		10	<1	0.09	10	0.38	364	1	0.02	6	480	12	0.01	<2	2	18
ZZ50876		<10	<1	0.09	10	0.49	653	1	0.02	8	440	22	0.01	2	3	19
ZZ50877		<10	<1	0.08	10	0.40	262	1	0.02	7	550	23	<0.01	3	3	18
ZZ50878		10	<1	0.07	10	0.27	130	1	0.01	6	380	17	<0.01	2	2	14
ZZ50879		<10	<1	0.08	10	0.41	244	1	0.02	10	470	17	<0.01	<2	3	20
ZZ50880		<10	<1	0.07	10	0.34	298	<1	0.01	7	610	14	0.01	<2	3	18
ZZ50881		10	<1	0.06	10	0.37	293	1	0.02	7	360	13	0.01	<2	3	17
ZZ50882		10	<1	0.07	10	0.37	374	1	0.01	10	400	19	0.01	<2	3	20
ZZ50883		10	<1	0.06	10	0.22	349	1	0.02	5	480	13	0.02	<2	1	14
ZZ50884		10	<1	0.07	10	0.35	365	1	0.02	7	330	13	0.01	2	3	17
ZZ50885		10	<1	0.10	10	0.48	217	1	0.02	10	310	26	0.01	<2	4	18
ZZ50886		10	<1	0.06	20	0.38	424	1	0.01	8	460	35	0.01	2	3	25
ZZ50887		<10	<1	0.09	10	0.52	393	1	0.02	9	420	25	0.01	<2	4	24
ZZ50888		10	<1	0.09	10	0.65	753	1	0.03	10	610	50	0.03	3	5	28
ZZ50889		10	<1	0.10	10	0.68	561	2	0.05	8	480	29	0.03	<2	6	41
ZZ50890		10	<1	0.11	10	0.65	411	1	0.04	10	460	16	0.03	<2	4	33
ZZ50891		10	<1	0.09	10	0.49	702	10	0.02	7	1010	49	0.07	2	4	14
ZZ50892		10	<1	0.10	20	0.55	787	11	0.02	7	1130	54	0.08	2	4	15
ZZ50893		<10	<1	0.12	30	0.14	763	13	0.01	5	730	148	0.07	30	6	23
ZZ50894		<10	<1	0.09	20	0.41	593	3	0.01	14	490	28	0.05	2	3	14
ZZ50895		<10	<1	0.08	20	0.34	188	4	0.02	7	630	18	0.01	<2	3	18
ZZ50896		<10	<1	0.08	20	0.33	243	4	0.01	7	630	18	0.01	<2	3	18
ZZ50897		<10	<1	0.06	10	0.28	276	7	0.02	8	1060	24	0.07	<2	2	24
ZZ50898		<10	<1	0.08	10	0.38	157	1	0.01	9	750	16	0.02	<2	4	17
ZZ50899		<10	<1	0.07	10	0.45	143	2	0.02	6	480	25	0.01	<2	4	16
ZZ50900		<10	<1	0.07	10	0.37	177	1	0.01	6	470	40	0.03	<2	4	16



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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12194255**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ50862		<20	0.04	<10	<10	57	<10	212
ZZ50863		<20	0.06	<10	<10	74	<10	103
ZZ50864		<20	0.05	<10	<10	78	<10	125
ZZ50865		<20	0.03	<10	<10	59	<10	76
ZZ50866		<20	0.05	<10	<10	45	<10	51
ZZ50867		<20	0.04	<10	<10	31	<10	69
ZZ50868		<20	0.03	<10	<10	46	<10	76
ZZ50869		<20	0.04	<10	<10	40	<10	52
ZZ50870		<20	0.06	<10	<10	57	<10	65
ZZ50871		<20	0.10	<10	<10	64	<10	67
ZZ50872		<20	0.08	<10	<10	54	<10	48
ZZ50873		<20	0.05	<10	<10	44	<10	66
ZZ50874		<20	0.07	<10	<10	45	<10	54
ZZ50875		<20	0.07	<10	<10	48	<10	49
ZZ50876		<20	0.07	<10	<10	48	<10	77
ZZ50877		<20	0.06	<10	<10	37	<10	82
ZZ50878		<20	0.03	<10	<10	33	<10	50
ZZ50879		<20	0.06	<10	<10	40	<10	51
ZZ50880		<20	0.04	<10	<10	33	<10	54
ZZ50881		<20	0.08	<10	<10	56	<10	46
ZZ50882		<20	0.04	<10	<10	51	<10	68
ZZ50883		<20	0.05	<10	<10	47	<10	54
ZZ50884		<20	0.07	<10	<10	43	<10	56
ZZ50885		<20	0.08	<10	<10	51	<10	61
ZZ50886		<20	0.03	<10	<10	46	<10	57
ZZ50887		<20	0.06	<10	<10	43	<10	79
ZZ50888		<20	0.06	<10	<10	57	<10	159
ZZ50889		<20	0.06	<10	<10	65	<10	79
ZZ50890		<20	0.09	<10	<10	77	<10	57
ZZ50891		<20	0.02	<10	<10	61	<10	61
ZZ50892		<20	0.03	<10	<10	67	<10	68
ZZ50893		<20	0.01	<10	<10	28	<10	517
ZZ50894		<20	0.05	<10	<10	45	<10	70
ZZ50895		<20	0.06	<10	<10	34	<10	42
ZZ50896		<20	0.06	<10	<10	34	<10	43
ZZ50897		<20	0.04	<10	<10	49	<10	58
ZZ50898		<20	0.06	<10	<10	44	<10	44
ZZ50899		<20	0.06	<10	<10	44	<10	51
ZZ50900		<20	0.03	<10	<10	38	<10	52





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**CERTIFICATE OF ANALYSIS WH12194255**

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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**CERTIFICATE WH12194256**

Project: KLAZA  
P.O. No.: Batch 4  
This report is for 39 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12194256**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51561		0.26	<0.005	0.2	1.30	12	<10	180	<0.5	5	0.53	<0.5	8	18	26	2.16
ZZ51562		0.30	<0.005	0.5	0.73	6	<10	100	<0.5	4	0.50	<0.5	7	9	17	1.74
ZZ51563		0.33	0.005	0.2	1.02	16	<10	160	<0.5	3	0.63	<0.5	5	12	17	1.43
ZZ51564		0.39	<0.005	<0.2	0.56	3	<10	70	<0.5	4	0.30	<0.5	4	7	10	1.16
ZZ51565		0.30	<0.005	<0.2	1.49	18	<10	210	<0.5	3	0.52	<0.5	11	20	17	3.58
ZZ51566		0.39	<0.005	0.2	0.90	10	<10	190	<0.5	4	0.83	<0.5	6	11	23	1.64
ZZ51567		0.35	0.033	0.4	1.50	27	<10	160	<0.5	4	0.90	0.9	11	18	27	3.42
ZZ51568		0.36	<0.005	<0.2	1.14	9	<10	190	<0.5	3	0.67	<0.5	8	15	14	2.31
ZZ51569		0.35	<0.005	0.3	1.24	13	<10	190	<0.5	3	0.95	<0.5	7	16	26	2.31
ZZ51570		0.38	<0.005	0.2	0.93	9	<10	160	<0.5	4	1.31	<0.5	7	12	24	2.21
ZZ51601		0.20	0.006	0.2	0.42	<2	<10	140	<0.5	4	0.21	<0.5	2	5	11	0.97
ZZ51602		0.24	0.029	0.5	1.02	9	<10	150	0.5	4	0.22	<0.5	6	9	37	1.76
ZZ51603		0.35	0.061	0.2	1.09	12	<10	160	<0.5	4	0.35	<0.5	10	16	23	2.69
ZZ51604		0.30	0.026	0.6	1.76	13	<10	410	0.6	5	0.36	<0.5	5	21	53	2.57
ZZ51605		0.32	0.072	0.7	1.68	33	<10	510	<0.5	5	0.47	0.7	7	20	52	2.67
ZZ51606		0.36	0.008	0.3	0.67	6	<10	180	<0.5	2	0.21	<0.5	4	9	21	1.65
ZZ51607		0.35	0.010	0.5	0.43	4	<10	140	<0.5	4	0.24	<0.5	4	6	9	1.99
ZZ51608		0.35	0.074	1.5	1.24	45	<10	370	<0.5	4	0.17	1.0	5	13	40	2.11
ZZ51609		0.30	0.012	0.4	0.65	7	<10	170	<0.5	4	0.14	<0.5	3	8	19	1.16
ZZ51610		0.28	0.042	1.1	0.63	17	<10	190	<0.5	6	0.13	0.8	4	8	68	2.08
ZZ51611		0.27	0.037	1.6	1.11	23	<10	300	<0.5	6	0.25	1.3	3	10	58	1.95
ZZ51612		0.34	0.023	1.1	2.13	22	<10	540	0.7	6	0.30	0.7	6	19	50	2.76
ZZ51613		0.38	0.074	5.1	1.64	54	<10	650	0.6	16	0.30	1.8	6	15	119	3.84
ZZ51614		0.30	0.049	1.1	1.32	18	<10	260	<0.5	6	0.18	1.2	5	17	36	2.08
ZZ51615		0.15	0.015	0.5	1.47	16	<10	190	<0.5	5	0.25	0.9	5	15	19	2.31
ZZ51616		0.28	0.006	0.4	1.23	19	<10	230	<0.5	5	0.31	<0.5	5	15	11	3.51
ZZ51617		0.41	0.007	<0.2	1.39	12	<10	210	<0.5	4	0.25	<0.5	6	19	11	1.83
ZZ51618		0.44	0.015	0.3	1.18	22	<10	190	<0.5	4	0.24	<0.5	6	17	11	1.96
ZZ51619		0.38	0.017	0.7	1.61	52	<10	440	0.6	4	0.34	<0.5	6	18	29	2.24
ZZ51620		0.24	0.007	<0.2	1.58	93	<10	360	0.5	4	0.22	<0.5	7	18	26	2.47
ZZ51621		0.39	0.018	0.3	1.18	49	<10	330	<0.5	5	0.41	<0.5	7	19	36	2.41
ZZ51622		0.32	0.021	0.2	1.60	134	<10	270	0.6	8	0.41	<0.5	8	22	41	2.92
ZZ51623		0.23	0.006	<0.2	1.76	74	<10	170	<0.5	7	0.32	<0.5	7	21	10	3.05
ZZ51624		0.27	0.008	0.3	1.87	73	<10	240	<0.5	5	0.49	<0.5	8	26	18	3.31
ZZ51625		0.25	0.006	0.2	1.45	29	<10	160	<0.5	5	0.60	<0.5	8	21	20	2.33
ZZ51626		0.17	<0.005	0.4	1.93	20	<10	170	0.5	4	0.56	<0.5	15	20	30	3.10
ZZ51627		0.59	<0.005	<0.2	1.23	22	<10	150	<0.5	5	0.26	<0.5	7	20	16	2.17
ZZ51628		0.26	0.005	0.7	1.41	38	<10	410	<0.5	5	0.19	<0.5	5	18	39	2.35
ZZ51629		0.21	0.016	0.7	1.06	68	<10	940	<0.5	7	0.20	<0.5	4	15	42	2.32



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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12194256**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ51561		10	<1	0.04	10	0.34	377	1	0.03	7	710	8	0.04	<2	3	41
ZZ51562		<10	<1	0.02	10	0.14	456	1	0.03	2	860	5	0.05	<2	2	35
ZZ51563		<10	<1	0.04	10	0.24	263	1	0.03	4	850	5	0.07	<2	2	46
ZZ51564		<10	<1	0.03	<10	0.12	206	1	0.04	1	500	4	0.03	<2	1	25
ZZ51565		10	<1	0.10	10	0.86	486	1	0.03	10	740	20	<0.01	<2	5	32
ZZ51566		<10	<1	0.04	10	0.26	624	1	0.03	11	870	7	0.05	<2	2	54
ZZ51567		<10	<1	0.10	10	0.75	702	1	0.02	8	790	34	0.05	<2	6	53
ZZ51568		<10	<1	0.05	10	0.44	451	1	0.02	6	720	8	0.03	<2	3	43
ZZ51569		<10	<1	0.06	10	0.48	363	1	0.03	5	640	15	0.05	<2	4	58
ZZ51570		<10	<1	0.04	10	0.35	362	1	0.03	4	760	10	0.06	<2	3	77
ZZ51601		<10	<1	0.02	<10	0.07	68	<1	0.03	2	460	3	0.04	<2	1	22
ZZ51602		<10	<1	0.04	20	0.18	391	1	0.02	4	620	9	0.03	<2	5	19
ZZ51603		<10	<1	0.06	10	0.38	308	1	0.01	6	680	11	0.01	<2	4	20
ZZ51604		10	<1	0.07	10	0.32	305	1	0.02	8	1110	14	0.07	<2	4	32
ZZ51605		10	<1	0.07	10	0.37	292	1	0.01	9	930	42	0.04	<2	3	30
ZZ51606		<10	<1	0.04	10	0.15	225	1	0.02	2	610	7	0.01	<2	2	17
ZZ51607		<10	<1	0.03	<10	0.08	150	<1	0.03	1	760	5	0.01	<2	1	17
ZZ51608		<10	<1	0.06	10	0.18	417	1	0.02	5	650	53	0.04	<2	2	16
ZZ51609		<10	<1	0.04	10	0.13	169	<1	0.03	2	380	10	<0.01	<2	1	13
ZZ51610		<10	<1	0.05	10	0.12	110	1	0.02	2	410	31	0.03	3	1	16
ZZ51611		<10	<1	0.09	10	0.13	139	1	0.01	3	760	41	0.04	3	1	21
ZZ51612		10	<1	0.11	10	0.29	372	2	0.01	7	720	60	0.03	<2	3	29
ZZ51613		<10	<1	0.21	20	0.26	571	3	0.01	5	720	154	0.23	6	5	49
ZZ51614		<10	<1	0.08	10	0.28	194	1	0.01	5	580	53	0.03	<2	2	20
ZZ51615		<10	<1	0.07	10	0.43	211	3	0.01	5	620	293	0.01	<2	5	16
ZZ51616		<10	<1	0.06	10	0.34	692	2	0.01	3	690	14	0.02	<2	3	25
ZZ51617		<10	<1	0.06	10	0.38	215	1	0.01	7	670	18	<0.01	<2	3	16
ZZ51618		<10	<1	0.07	10	0.32	361	1	0.01	6	650	18	<0.01	<2	3	15
ZZ51619		<10	<1	0.07	20	0.34	445	2	0.01	7	910	18	0.04	2	5	24
ZZ51620		<10	<1	0.06	10	0.33	913	2	0.01	7	990	18	0.06	5	2	20
ZZ51621		<10	<1	0.12	10	0.34	415	3	0.02	5	990	14	0.05	3	4	26
ZZ51622		<10	<1	0.10	20	0.47	354	2	0.02	8	620	23	0.03	3	6	23
ZZ51623		10	<1	0.10	10	0.64	364	1	0.02	7	530	14	0.04	<2	5	18
ZZ51624		10	<1	0.12	10	0.76	447	3	0.02	8	690	22	0.07	3	6	28
ZZ51625		10	<1	0.10	20	0.60	345	2	0.02	6	550	18	0.05	<2	5	29
ZZ51626		10	<1	0.08	20	0.68	958	2	0.02	9	730	35	0.06	<2	5	37
ZZ51627		<10	<1	0.09	10	0.45	428	2	0.01	8	670	15	0.01	<2	3	16
ZZ51628		<10	<1	0.08	20	0.30	190	6	0.02	5	930	52	0.07	4	2	18
ZZ51629		<10	<1	0.11	20	0.18	266	9	0.02	6	720	69	0.15	24	1	23



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**CERTIFICATE OF ANALYSIS WH12194256**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51561		<20	0.07	<10	<10	61	<10	38
ZZ51562		<20	0.06	<10	<10	49	<10	20
ZZ51563		<20	0.04	<10	<10	35	<10	25
ZZ51564		<20	0.05	<10	<10	35	<10	14
ZZ51565		<20	0.11	<10	<10	123	<10	51
ZZ51566		<20	0.05	<10	<10	49	<10	42
ZZ51567		<20	0.10	<10	<10	85	<10	94
ZZ51568		<20	0.09	<10	<10	67	<10	41
ZZ51569		<20	0.07	<10	<10	67	<10	58
ZZ51570		<20	0.08	<10	<10	69	<10	50
ZZ51601		<20	0.03	<10	<10	28	<10	16
ZZ51602		<20	0.04	<10	<10	33	<10	34
ZZ51603		<20	0.07	<10	<10	48	<10	37
ZZ51604		<20	0.03	<10	<10	52	<10	48
ZZ51605		<20	0.03	<10	<10	53	<10	105
ZZ51606		<20	0.06	<10	<10	46	<10	34
ZZ51607		<20	0.08	<10	<10	68	<10	37
ZZ51608		<20	0.02	<10	<10	44	<10	125
ZZ51609		<20	0.03	<10	<10	28	<10	32
ZZ51610		<20	0.05	<10	<10	49	<10	62
ZZ51611		<20	0.01	<10	<10	36	<10	115
ZZ51612		<20	0.01	<10	<10	47	<10	132
ZZ51613		<20	0.02	<10	<10	39	<10	255
ZZ51614		<20	0.04	<10	<10	40	<10	115
ZZ51615		<20	0.03	<10	<10	50	<10	359
ZZ51616		<20	0.03	<10	<10	42	<10	47
ZZ51617		<20	0.04	<10	<10	38	<10	64
ZZ51618		<20	0.05	<10	<10	39	<10	80
ZZ51619		<20	0.02	<10	<10	41	<10	80
ZZ51620		<20	0.02	<10	<10	44	<10	66
ZZ51621		<20	0.06	<10	<10	56	<10	46
ZZ51622		<20	0.04	<10	<10	51	<10	63
ZZ51623		<20	0.06	<10	<10	54	<10	51
ZZ51624		<20	0.07	<10	<10	62	<10	65
ZZ51625		<20	0.06	<10	<10	53	<10	59
ZZ51626		<20	0.05	<10	<10	62	<10	69
ZZ51627		<20	0.06	<10	<10	45	<10	48
ZZ51628		<20	0.04	<10	<10	42	<10	55
ZZ51629		<20	0.04	<10	<10	40	<10	70



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Account: ROCKHA

**CERTIFICATE WH12194310**

Project: Klaza - 85

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12170287\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 85

**CERTIFICATE OF ANALYSIS WH12194310**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N810111		0.006
N810112		0.023
N810113		0.496
N810114		<0.005
N810115		<0.005
N810116		<0.005
N810117		0.157
N810118		<0.005
N810119		<0.005
N810120		0.186
N810121		0.051
N810122		<0.005
N810123		0.779
N810124		<0.005
N810125		<0.005
N810126		0.006
N810127		<0.005
N810128		<0.005
N810129		0.169
N810130		4.49
N810131		0.005
N810132		0.027
N810133		0.116
N810134		0.223
N810135		0.552
N810136		<0.005
N810137		0.470
N810138		<0.005
N810139		0.124
N810140		<0.005
N810141		0.042
N810142		<0.005
N810143		0.006
N810144		0.006
N810145		0.034
N810146		<0.005

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12170287\*\*



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Page: 1  
Finalized Date: 6-SEP-2012  
Account: ROCKHA

**CERTIFICATE WH12194651**

Project: Klaza - 109

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager





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Account: ROCKHA

Project: Klaza - 109

**CERTIFICATE OF ANALYSIS WH12194651**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N813279		5.73	<0.005	0.24	7.47	7.9	2320	1.28	0.73	1.78	0.22	49.6	9.2	9	7.43	116.5
N813280		2.31	<0.005	0.14	7.38	6.0	2030	1.33	0.33	2.27	0.31	42.2	7.7	9	8.30	7.2
N813281		3.83	<0.005	0.21	6.91	10.0	2250	1.22	0.45	2.64	0.27	38.0	5.8	9	9.29	23.6
N813282		4.44	0.008	0.39	7.34	5.3	2310	1.34	0.59	2.34	0.23	43.2	7.6	10	6.80	104.5
N813283		2.21	<0.005	0.44	7.53	4.8	2120	1.31	2.81	2.16	0.21	42.1	7.8	9	7.88	45.1
N813284		4.33	<0.005	0.15	7.21	8.9	1660	1.17	0.41	3.83	0.13	41.2	7.0	8	11.70	9.9
N813285		3.55	<0.005	0.13	7.54	6.5	2080	1.33	0.25	3.20	0.18	40.5	8.0	9	9.74	5.9
N813286		8.67	<0.005	0.13	7.32	6.1	1980	1.27	0.21	3.05	0.12	40.7	9.1	10	9.59	10.5
N813287		8.35	<0.005	0.11	7.33	5.6	2080	1.22	0.24	2.56	0.12	41.5	10.5	10	7.10	13.4
N813288		8.69	<0.005	0.12	7.11	4.4	2160	1.21	0.20	3.15	0.10	37.4	9.0	10	7.12	9.1
N813289		<0.02	<0.005	0.11	7.13	4.4	2200	1.20	0.20	3.09	0.11	41.9	8.7	12	7.21	8.8
N813290		9.19	0.019	0.19	7.37	6.1	2340	1.26	0.46	2.82	0.11	39.7	15.9	11	6.81	11.9
N813291		8.27	<0.005	0.09	7.48	4.2	2180	1.32	0.14	2.80	0.10	40.6	7.7	12	6.61	4.8
N813292		7.66	<0.005	0.11	7.33	4.4	2100	1.19	0.22	2.86	0.11	39.1	7.2	10	7.07	5.1
N813293		8.02	<0.005	0.15	7.49	6.2	2240	1.30	0.32	2.67	0.14	41.2	7.5	13	6.78	11.3
N813294		0.26	0.808	9.88	6.47	1755	320	1.43	6.30	1.93	41.5	40.0	16.5	20	15.60	112.5
N813295		7.43	<0.005	0.13	7.13	6.4	2090	1.28	0.21	2.78	0.13	35.5	9.8	11	7.36	9.1
N813296		6.35	<0.005	0.11	7.39	2.9	2180	1.32	0.12	2.86	0.09	38.3	7.9	14	7.68	7.4
N813297		6.80	<0.005	0.09	7.28	3.3	2130	1.30	0.10	2.89	0.09	39.1	8.4	11	8.11	7.4
N813298		3.46	0.008	0.09	7.10	3.7	2080	1.29	0.11	2.70	0.09	37.9	7.4	11	6.07	8.5
N813299		2.20	0.013	0.08	7.60	5.7	2320	1.23	0.14	2.83	0.08	37.3	7.7	10	6.47	7.8
N813300		2.31	<0.005	<0.01	0.07	<5	20	0.06	0.02	21.5	0.06	1.09	1.4	<1	0.20	2.0
N813301		7.58	<0.005	0.14	7.27	4.0	2070	1.47	0.19	2.63	0.09	37.7	7.7	11	7.12	11.9
N813302		3.53	<0.005	0.14	7.38	3.2	2570	1.31	0.15	2.98	0.10	37.3	8.0	10	9.54	15.2
N813303		0.26	2.26	27.2	5.90	3340	1170	1.18	19.90	2.24	81.2	41.7	10.9	19	14.70	449
N813304		7.58	<0.005	0.15	7.33	5.9	2090	1.23	0.52	2.74	0.11	35.6	8.0	11	9.10	15.6
N813305		4.23	<0.005	0.37	6.90	15.5	1640	1.21	1.49	3.96	0.16	34.1	8.5	9	18.70	41.0
N813306		3.13	0.026	2.24	7.20	254	1710	1.37	0.15	4.13	0.46	45.9	7.7	7	20.0	27.3
N813307		4.05	<0.005	0.23	7.54	17.5	2070	1.27	0.18	2.53	0.16	39.4	7.7	10	16.05	21.0
N813308		2.69	0.041	1.61	6.84	104.5	1750	1.21	3.85	4.11	0.59	43.7	11.3	10	18.30	30.8
N813309		3.00	<0.005	0.01	0.08	<5	30	0.06	0.02	20.4	0.05	1.13	1.2	<1	0.19	1.6
N813310		5.83	<0.005	0.17	7.06	9.7	1930	1.26	0.19	2.62	0.16	36.8	6.0	8	15.60	13.5
N813311		4.34	<0.005	0.18	6.40	9.9	1880	1.34	0.27	2.73	0.14	33.6	7.0	9	16.50	20.4
N813312		2.11	<0.005	0.15	6.63	11.5	1980	1.28	0.17	2.90	0.15	34.3	9.4	9	16.15	24.8
N813313		4.76	<0.005	0.18	7.25	5.8	2550	1.06	0.30	3.40	0.17	37.8	7.7	10	16.00	23.7
N813314		7.46	<0.005	0.26	6.80	11.7	2610	1.28	0.42	3.07	0.47	32.4	7.1	9	14.00	13.2



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Account: ROCKHA

Project: Klaza - 109

**CERTIFICATE OF ANALYSIS WH12194651**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813279		3.44	14.95	0.16	1.0	0.118	2.77	23.2	14.3	0.90	561	1.45	2.10	7.0	2.8	590
N813280		3.25	15.20	0.14	1.0	0.074	2.79	21.5	11.0	0.83	632	1.13	2.10	8.5	2.8	620
N813281		3.32	15.45	0.14	1.0	0.103	2.86	18.7	13.3	0.86	691	1.04	1.68	8.5	2.7	630
N813282		3.31	15.65	0.15	1.0	0.109	2.95	21.8	10.5	0.85	625	1.40	2.13	8.5	2.8	630
N813283		3.26	15.65	0.16	1.0	0.084	2.85	21.5	13.3	0.85	588	0.84	1.83	8.4	2.8	620
N813284		3.09	16.10	0.16	1.0	0.103	2.51	21.2	17.1	0.68	909	0.75	1.63	8.2	2.6	620
N813285		2.91	16.45	0.15	1.1	0.062	2.88	19.6	11.8	0.70	654	0.89	2.17	8.4	2.7	600
N813286		3.08	16.20	0.16	1.0	0.061	2.67	19.3	12.9	0.78	666	1.54	2.09	8.7	2.9	630
N813287		3.06	15.80	0.15	0.9	0.058	2.56	20.8	14.9	0.94	593	3.54	2.20	8.3	2.8	610
N813288		3.05	15.85	0.14	0.9	0.052	2.63	17.5	14.4	0.93	719	9.50	2.26	8.4	2.7	620
N813289		3.14	15.75	0.15	1.0	0.053	2.67	19.7	14.3	0.96	728	7.05	2.28	8.6	2.9	640
N813290		3.23	16.65	0.15	1.0	0.064	2.91	19.4	10.7	0.85	655	3.12	2.10	8.6	2.8	610
N813291		2.90	16.25	0.15	1.0	0.048	2.70	20.2	11.9	0.89	580	1.45	2.38	8.2	2.8	600
N813292		2.85	15.85	0.14	1.0	0.055	2.61	19.5	14.6	0.97	608	1.90	2.42	8.1	2.7	590
N813293		3.30	16.60	0.15	1.0	0.068	2.71	20.2	12.7	0.98	631	1.24	2.33	8.8	3.0	650
N813294		5.29	14.95	0.12	1.4	1.010	2.93	20.7	26.0	0.70	2000	11.60	0.26	6.8	16.1	510
N813295		3.27	16.65	0.15	0.9	0.071	2.70	16.2	13.4	0.93	652	1.15	2.09	9.1	3.2	670
N813296		3.17	16.35	0.16	1.0	0.040	2.73	18.0	12.8	0.91	643	1.24	2.17	8.7	3.1	640
N813297		3.16	16.35	0.16	1.0	0.040	2.61	18.1	13.1	0.95	667	1.32	2.10	8.6	3.2	660
N813298		3.17	16.20	0.15	1.1	0.053	2.64	17.5	12.3	0.94	625	1.09	2.13	8.7	2.9	630
N813299		3.35	16.20	0.16	0.9	0.056	2.81	18.0	11.9	0.94	637	2.13	2.01	8.4	2.8	630
N813300		0.49	0.28	0.08	<0.1	<0.005	0.03	0.5	1.0	13.25	222	0.11	0.01	0.4	3.1	180
N813301		3.17	15.90	0.14	1.1	0.061	2.81	17.9	13.5	0.92	651	0.85	2.03	8.8	2.8	640
N813302		3.13	16.45	0.14	1.0	0.050	2.72	17.4	14.7	0.90	826	0.76	2.07	8.7	2.9	640
N813303		6.75	14.60	0.13	0.9	1.910	2.71	22.5	26.0	0.93	1900	13.35	0.04	5.6	15.0	450
N813304		3.23	15.90	0.14	1.0	0.062	2.66	16.7	17.9	0.84	554	1.05	1.83	8.6	2.8	660
N813305		3.05	16.20	0.14	0.9	0.087	2.70	16.0	30.9	0.68	593	1.19	0.78	8.3	2.6	630
N813306		2.91	15.30	0.16	0.9	0.065	2.92	25.1	18.0	1.38	2040	0.91	0.07	7.8	3.0	590
N813307		3.27	16.35	0.15	1.0	0.060	2.94	18.7	24.8	0.80	623	1.07	1.33	8.8	2.8	670
N813308		3.87	14.10	0.17	0.8	0.086	2.73	23.6	22.9	1.39	1350	1.18	0.07	7.3	2.8	550
N813309		0.47	0.26	0.08	<0.1	<0.005	0.03	0.6	0.9	12.70	201	0.10	0.01	0.4	2.2	210
N813310		3.13	15.20	0.14	1.0	0.073	2.68	17.7	30.4	0.81	715	0.80	0.48	8.3	2.5	630
N813311		3.16	14.65	0.14	0.9	0.086	2.64	15.5	15.0	0.73	859	0.72	1.44	7.8	2.5	570
N813312		3.31	15.05	0.14	0.9	0.085	2.71	15.9	15.1	0.77	865	0.78	1.53	8.0	2.7	600
N813313		3.07	15.85	0.16	1.0	0.075	2.76	18.6	21.8	0.78	748	0.73	0.47	8.3	2.7	630
N813314		3.22	15.55	0.14	0.9	0.096	2.72	14.9	36.9	0.84	1020	0.63	0.69	7.9	2.7	620



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**CERTIFICATE OF ANALYSIS WH12194651**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N813279		24.0	114.0	<0.002	0.09	5.35	11.1	1	2.5	291	0.55	0.06	11.7	0.242	2.8
N813280		19.4	103.0	<0.002	0.09	3.81	10.6	1	1.9	365	0.63	<0.05	11.8	0.271	3.4
N813281		22.0	87.7	<0.002	0.07	4.86	9.6	1	2.9	300	0.63	<0.05	8.9	0.271	2.8
N813282		22.1	103.5	<0.002	0.06	3.06	10.8	1	2.3	373	0.62	<0.05	11.0	0.274	3.0
N813283		23.5	105.5	<0.002	0.04	3.44	10.9	1	2.9	384	0.62	0.06	11.9	0.276	3.0
N813284		14.9	81.3	<0.002	0.07	3.97	9.8	1	2.1	325	0.58	<0.05	9.4	0.265	2.6
N813285		19.0	94.2	<0.002	0.06	2.23	10.1	1	1.6	405	0.63	<0.05	10.2	0.266	3.3
N813286		16.6	87.0	<0.002	0.05	2.56	10.6	1	1.8	397	0.62	<0.05	10.0	0.281	3.0
N813287		15.4	85.7	<0.002	0.03	1.43	10.3	1	1.7	442	0.61	<0.05	10.0	0.272	2.9
N813288		16.0	72.2	0.002	0.02	1.32	9.9	1	1.8	446	0.61	<0.05	8.8	0.273	2.6
N813289		15.7	73.1	<0.002	0.02	1.26	10.1	1	1.7	450	0.60	<0.05	9.0	0.282	2.7
N813290		16.8	90.1	<0.002	0.13	1.63	10.1	1	1.8	389	0.62	0.05	10.0	0.275	3.1
N813291		15.7	86.0	<0.002	0.01	1.59	9.9	1	1.5	450	0.62	<0.05	9.9	0.264	2.8
N813292		16.2	79.5	<0.002	0.01	1.70	9.8	1	2.1	431	0.62	<0.05	10.0	0.261	3.0
N813293		16.1	85.9	<0.002	0.02	1.72	10.7	1	1.8	432	0.64	<0.05	9.8	0.288	2.8
N813294		1395	161.5	0.003	3.09	33.1	8.6	1	5.7	145.0	0.60	0.27	11.6	0.212	5.0
N813295		17.0	77.5	<0.002	0.03	2.05	10.2	1	1.7	408	0.65	<0.05	8.6	0.297	2.9
N813296		15.2	82.9	<0.002	0.01	1.40	10.6	1	1.6	414	0.66	<0.05	10.1	0.291	3.2
N813297		14.9	80.8	<0.002	0.01	1.65	10.8	1	1.6	409	0.66	<0.05	10.1	0.294	3.0
N813298		13.6	80.8	<0.002	0.01	1.60	10.6	1	1.8	406	0.67	<0.05	9.7	0.282	3.1
N813299		13.8	85.0	<0.002	0.13	1.93	10.2	1	1.8	394	0.62	<0.05	9.7	0.280	3.2
N813300		1.3	1.5	<0.002	<0.01	<0.05	0.4	1	<0.2	58.4	<0.05	<0.05	<0.2	<0.005	1.0
N813301		14.8	87.5	<0.002	0.01	1.88	10.0	1	2.0	373	0.71	<0.05	11.4	0.278	3.5
N813302		15.4	81.8	<0.002	0.01	2.19	10.4	1	2.1	424	0.65	<0.05	9.7	0.283	3.0
N813303		2970	171.0	0.005	4.83	94.8	8.2	1	7.7	89.4	0.48	0.41	10.7	0.182	5.1
N813304		14.7	80.3	<0.002	0.02	4.80	10.3	1	1.9	387	0.65	<0.05	9.3	0.284	2.8
N813305		14.4	75.1	<0.002	0.09	15.00	9.7	1	2.0	257	0.61	0.06	8.3	0.279	3.0
N813306		35.6	151.0	<0.002	0.76	21.6	10.8	1	2.0	177.0	0.60	<0.05	11.2	0.252	4.4
N813307		15.8	94.4	<0.002	0.07	5.31	10.6	1	2.0	321	0.67	<0.05	9.8	0.290	3.1
N813308		50.9	105.5	<0.002	1.31	18.75	9.7	1	1.9	191.0	0.55	0.99	10.3	0.244	4.9
N813309		1.2	1.4	<0.002	<0.01	<0.05	0.3	1	<0.2	42.3	<0.05	<0.05	<0.2	<0.005	0.8
N813310		13.4	79.2	<0.002	0.06	14.20	9.7	1	2.2	211	0.63	<0.05	9.6	0.273	2.6
N813311		12.2	82.9	<0.002	0.06	5.53	8.9	1	2.1	311	0.57	<0.05	7.8	0.258	2.9
N813312		12.4	85.1	<0.002	0.09	6.32	9.4	1	2.1	329	0.58	<0.05	8.1	0.265	2.9
N813313		15.2	78.5	<0.002	0.04	11.25	10.0	1	2.3	253	0.62	<0.05	9.4	0.278	2.9
N813314		22.7	71.5	<0.002	0.12	6.49	9.2	1	2.2	248	0.60	<0.05	8.1	0.272	2.8



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N813279		69	2.6	15.0	59	26.4	<1
N813280		74	2.0	14.3	66	27.4	<1
N813281		77	4.4	13.8	67	26.1	<1
N813282		76	1.7	14.4	61	27.5	<1
N813283		78	2.3	13.6	61	27.4	1
N813284		74	2.8	15.4	53	25.5	<1
N813285		73	1.8	14.1	54	25.9	<1
N813286		79	2.1	14.2	50	25.0	<1
N813287		77	1.5	14.4	47	23.2	<1
N813288		77	2.1	14.4	49	23.7	<1
N813289		80	1.7	14.9	50	24.5	<1
N813290		78	6.8	14.1	46	24.9	<1
N813291		75	1.5	14.1	43	24.4	<1
N813292		74	1.2	14.7	43	24.9	<1
N813293		80	1.4	14.9	53	23.0	<1
N813294		57	5.0	10.8	2990	35.9	10
N813295		85	2.2	13.6	52	24.2	<1
N813296		83	1.9	14.7	50	25.3	<1
N813297		84	2.1	14.8	51	24.6	<1
N813298		81	1.4	14.8	47	26.1	<1
N813299		79	1.7	13.9	46	23.7	<1
N813300		3	0.1	0.8	14	<0.5	<1
N813301		78	1.4	14.8	46	27.7	<1
N813302		78	1.6	14.8	54	26.3	<1
N813303		56	4.9	9.8	5450	24.3	26
N813304		79	4.2	13.0	50	24.9	<1
N813305		78	3.0	13.7	49	23.1	<1
N813306		72	6.5	13.8	56	22.7	2
N813307		82	3.0	14.3	60	24.5	<1
N813308		73	12.1	13.2	71	20.5	2
N813309		2	0.1	0.8	13	0.5	<1
N813310		77	4.1	13.7	53	25.7	<1
N813311		74	2.4	11.7	51	24.1	<1
N813312		78	2.4	12.0	52	23.1	<1
N813313		78	2.4	13.6	56	24.9	<1
N813314		76	2.5	11.7	76	22.5	<1



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Project: Klaza -109

P.O. No.: Batch 5

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12194652**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813315		4.17	<0.005	0.22	7.37	16.0	2300	1.60	0.23	2.94	0.30	43.0	8.0	9	26.8	27.1
N813316		0.30	4.39	>100	5.30	8020	1100	1.09	55.2	1.99	228	33.9	9.3	17	11.75	1280
N813317		4.82	0.035	1.80	6.47	174.0	3430	1.53	0.18	3.26	5.80	43.1	6.9	7	16.25	18.0
N813318		3.64	0.041	1.38	7.18	348	2420	1.59	0.55	3.25	3.97	49.5	10.9	7	16.95	13.2
N813319		4.16	<0.005	0.66	7.23	113.0	1360	1.64	0.27	2.33	0.64	40.3	7.8	9	17.70	12.2
N813320		2.71	0.137	5.81	6.58	569	1180	1.48	0.96	3.21	15.30	45.6	13.9	8	15.30	33.9
N813321		3.34	3.57	>100	3.58	>10000	250	0.62	27.5	0.56	369	26.9	24.7	7	2.66	7340
N813322		3.01	<0.005	0.16	0.06	7	20	<0.05	0.04	20.7	0.26	1.20	1.1	<1	0.24	6.2
N813323		2.57	0.100	4.22	6.23	396	470	1.25	2.80	1.75	12.55	46.0	18.0	8	9.37	16.4
N813324		2.53	0.417	5.61	7.12	2890	420	1.24	1.05	0.80	55.2	46.5	7.9	8	9.28	41.6
N813325		2.21	0.600	13.90	6.68	3640	510	1.34	2.41	0.69	49.2	46.2	5.7	8	10.35	113.0
N813326		2.37	<0.005	0.25	6.86	16.8	1220	1.71	0.13	2.15	0.43	60.8	4.6	11	25.0	4.1
N813327		8.60	0.009	0.51	6.56	65.1	1970	1.80	0.25	2.49	0.71	57.6	5.3	13	25.7	8.6
N813328		0.29	4.38	>100	5.27	7970	1040	1.06	57.9	1.97	227	32.9	9.2	18	11.30	1270
N813329		3.05	<0.005	0.42	6.45	34.0	2270	2.07	0.14	2.92	0.25	54.0	6.9	14	17.50	12.2
N813330		2.79	<0.005	0.83	7.43	17.9	2380	2.16	0.17	2.61	0.78	71.1	7.5	17	22.4	10.2
N813331		2.48	0.921	16.90	5.84	606	750	1.03	15.20	1.59	2.83	37.7	34.0	9	7.80	1170
N813332		2.90	<0.005	0.02	0.07	<5	30	0.06	0.04	21.0	0.07	1.35	1.0	<1	0.27	2.4
N813333		2.38	<0.005	0.08	6.74	4.7	2190	1.58	0.23	2.68	0.14	42.1	7.5	10	8.21	10.4
N813334		1.14	<0.005	0.14	7.35	8.1	2240	1.62	0.32	2.77	0.13	52.4	7.7	9	9.13	14.8



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**CERTIFICATE OF ANALYSIS WH12194652**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N813315		3.51	17.60	0.20	1.1	0.074	3.06	20.3	28.8	0.82	1060	0.65	1.06	9.1	3.1	680
N813316		7.99	12.75	0.21	1.0	4.76	2.30	17.9	31.6	0.63	3120	14.80	0.08	5.4	13.8	460
N813317		3.67	15.70	0.16	1.0	0.076	2.65	21.9	30.0	1.06	5300	0.69	0.73	7.3	2.7	540
N813318		4.24	16.15	0.18	0.9	0.228	3.02	26.5	22.5	1.19	3530	0.51	0.06	7.6	3.0	590
N813319		3.19	16.65	0.16	1.1	0.104	2.81	19.5	29.5	0.80	1620	0.60	0.06	7.9	2.6	620
N813320		4.39	14.60	0.17	0.9	0.582	2.91	25.3	13.9	1.18	4130	1.84	0.03	6.5	2.9	530
N813321		12.40	10.20	0.27	0.5	8.41	1.72	15.0	8.0	0.26	1380	4.05	0.02	3.3	2.8	260
N813322		0.47	0.22	0.06	<0.1	0.009	0.03	0.6	1.0	12.80	211	0.11	<0.01	0.2	1.1	180
N813323		5.88	15.55	0.17	0.7	0.558	3.00	24.9	7.7	0.83	6440	1.41	0.02	6.4	3.0	520
N813324		6.27	15.65	0.17	0.9	1.045	3.43	25.3	8.0	0.52	4760	3.12	0.03	6.5	2.8	560
N813325		5.39	15.95	0.18	1.1	1.810	3.13	24.8	15.6	0.45	2150	2.33	0.03	6.8	3.0	580
N813326		2.35	17.20	0.17	2.3	0.032	2.66	30.3	42.7	0.89	621	1.59	0.07	10.9	2.7	870
N813327		2.46	17.55	0.17	2.4	0.055	2.41	28.7	76.0	0.88	846	1.47	0.07	10.4	3.6	840
N813328		7.93	12.40	0.21	1.1	4.84	2.29	17.1	31.2	0.63	3150	13.70	0.08	5.8	13.4	450
N813329		2.37	17.85	0.15	3.0	0.031	2.67	26.7	52.1	1.08	723	1.10	0.05	10.0	6.9	1030
N813330		2.63	19.05	0.20	3.3	0.036	2.84	37.8	52.7	1.09	764	2.62	0.05	10.4	7.1	1100
N813331		9.08	12.20	0.20	1.0	0.586	2.52	19.5	37.1	0.68	938	2.24	0.49	6.2	2.9	480
N813332		0.46	0.30	0.09	<0.1	0.007	0.03	0.7	1.2	13.05	201	0.23	0.01	0.3	1.2	180
N813333		2.95	16.00	0.15	1.0	0.040	2.59	19.8	13.7	0.87	591	1.32	2.25	7.7	3.1	610
N813334		3.09	16.85	0.18	1.0	0.047	2.68	25.9	13.4	0.90	615	3.16	2.32	7.8	3.2	620





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Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813315		29.1	111.0	<0.002	0.07	10.25	14.2	1	2.0	292	0.74	<0.05	12.5	0.302	1.95	4.1
N813316		9680	128.5	0.002	7.17	226	7.6	2	9.0	122.5	0.43	0.52	9.3	0.185	2.23	5.2
N813317		166.5	108.0	<0.002	0.28	14.95	11.1	1	2.4	242	0.60	<0.05	13.1	0.246	2.16	4.5
N813318		160.5	150.0	<0.002	0.95	17.00	12.1	1	3.1	147.5	0.65	<0.05	13.6	0.263	2.58	4.5
N813319		58.1	95.3	<0.002	0.29	14.05	11.5	1	1.8	136.5	0.68	0.05	12.3	0.276	2.15	4.4
N813320		711	148.5	0.002	1.37	24.0	9.8	1	4.6	173.0	0.56	0.17	12.6	0.230	2.55	5.7
N813321		>10000	95.9	0.007	>10.0	1325	5.8	4	18.4	13.1	0.27	2.53	6.7	0.114	1.54	2.5
N813322		19.5	1.6	<0.002	<0.01	1.23	0.2	1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N813323		718	202	<0.002	3.15	16.10	10.4	1	4.3	45.4	0.52	0.13	12.3	0.213	3.25	7.1
N813324		2000	223	<0.002	4.33	32.3	10.6	1	9.2	32.3	0.53	0.07	14.3	0.246	2.93	6.4
N813325		1465	191.0	<0.002	4.50	69.6	9.5	1	10.0	50.6	0.56	0.11	12.1	0.237	2.55	6.0
N813326		38.5	77.0	<0.002	0.05	6.79	5.8	1	1.6	267	0.76	<0.05	9.9	0.247	1.75	6.9
N813327		54.8	82.7	<0.002	0.16	11.70	5.9	1	1.8	299	0.73	<0.05	9.5	0.249	1.79	5.6
N813328		9640	139.0	<0.002	7.14	220	7.6	2	8.8	124.5	0.44	0.47	8.7	0.184	2.13	5.5
N813329		20.1	112.0	<0.002	0.27	9.18	6.9	1	1.7	516	0.69	0.05	8.3	0.288	2.33	4.1
N813330		40.8	143.0	<0.002	0.22	9.43	8.1	1	1.5	487	0.73	<0.05	11.3	0.309	2.05	5.5
N813331		256	135.0	<0.002	7.89	52.8	8.8	2	6.6	143.0	0.52	0.55	11.0	0.200	1.62	4.3
N813332		1.7	1.7	<0.002	<0.01	0.09	0.2	1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	0.02	1.0
N813333		15.4	87.8	<0.002	0.01	1.35	10.7	1	1.5	383	0.62	<0.05	11.2	0.272	0.91	3.4
N813334		18.6	99.5	<0.002	0.03	1.68	11.8	1	1.6	405	0.65	<0.05	14.2	0.276	0.97	4.0



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**CERTIFICATE OF ANALYSIS    WH12194652**

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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12194653**

Project: Klaza - 110

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 8-SEP-2012  
Account: ROCKHA

Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12194653**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358040		4.31	0.017	0.31	7.35	11.2	2370	1.65	1.89	2.16	0.47	51.6	5.9	8	11.75	19.1
M358041		2.34	0.042	0.77	7.04	40.4	740	1.61	2.59	1.91	0.61	54.7	6.8	8	11.60	44.6
M358042		3.80	0.072	0.60	7.47	22.1	560	1.59	3.02	1.64	0.85	55.4	7.3	7	12.40	53.9
M358043		0.26	2.18	25.3	5.79	3410	120	1.44	19.30	2.18	76.6	40.9	10.6	19	14.25	451
M358044		2.27	0.007	0.47	7.23	7.6	2190	1.62	1.10	2.16	1.16	48.0	7.4	7	10.50	14.4
M358045		2.64	0.105	18.75	6.81	136.0	490	1.59	74.5	1.49	15.55	47.0	6.3	9	11.95	402
M358046		4.40	0.006	0.45	7.51	17.6	2260	1.66	1.03	2.34	0.52	52.1	6.0	11	11.55	9.6
M358047		2.87	0.038	1.86	6.87	67.3	780	1.65	8.22	1.79	1.10	48.9	5.4	9	16.50	44.8
M358048		2.19	<0.005	0.09	0.04	<5	20	0.05	0.03	19.65	0.05	0.84	0.5	<1	0.10	2.7
M358049		2.65	0.014	0.20	7.31	12.1	2210	1.59	0.99	2.08	0.50	48.3	5.8	6	12.10	12.7
M358050		2.88	0.065	0.62	6.94	17.2	1150	1.56	3.15	2.47	1.95	43.6	7.0	7	13.90	28.8
M358051		5.52	0.016	0.25	6.99	16.6	2020	1.41	0.90	2.48	0.26	44.1	5.5	7	11.60	20.8
M358052		2.73	0.474	16.90	6.85	277	160	1.52	43.0	2.16	1.56	61.7	7.4	5	21.7	840
M358053		6.86	0.007	0.34	6.90	10.7	2120	1.45	1.18	2.51	1.04	43.4	4.4	7	14.00	16.6
M358054		2.83	0.022	0.56	6.59	13.3	2090	1.36	1.38	2.20	0.82	45.4	17.8	6	14.60	71.7
M358055		4.69	0.007	0.29	7.07	7.7	2230	1.56	1.08	2.32	1.15	46.2	5.1	7	11.20	11.1
M358056		2.95	0.013	0.67	4.31	19.0	390	1.00	1.81	2.81	3.13	34.3	28.2	12	9.87	8.6
M358057		3.27	0.016	0.31	6.85	12.6	1870	1.55	1.11	2.65	1.27	56.8	9.1	8	18.15	10.3
M358058		2.57	0.009	0.15	7.29	8.3	2280	1.64	1.24	2.52	0.16	48.4	3.7	7	6.12	10.4
M358059		1.80	0.012	0.19	7.03	9.3	2180	1.55	1.61	2.50	0.21	50.6	4.3	8	6.39	15.0
M358060		4.57	<0.005	0.10	7.34	7.6	2210	1.67	0.86	2.61	0.16	55.7	4.6	8	6.21	8.5
M358061		6.10	0.020	0.56	6.63	17.4	1700	1.54	3.40	2.29	1.17	59.5	4.9	8	13.95	23.5
M358062		<0.02	0.024	0.53	6.78	16.5	1730	1.36	3.11	2.33	1.15	54.6	4.9	8	13.50	24.7
M358063		2.56	0.284	4.83	6.05	177.0	800	1.35	12.65	1.49	4.42	51.0	15.2	7	9.99	29.4
M358064		2.75	<0.005	0.01	0.06	<5	20	0.05	0.05	20.5	0.06	1.10	0.7	<1	0.14	1.1
M358065		3.35	0.063	1.37	7.21	39.4	1680	1.64	4.01	2.01	7.57	53.2	11.9	8	12.90	29.4
M358066		4.60	0.016	0.23	6.80	12.9	2270	1.62	1.35	2.65	0.70	42.5	3.6	6	20.8	9.8
M358067		0.26	0.753	9.14	6.42	1650	340	1.55	6.34	1.89	39.4	41.8	15.5	19	15.55	104.0
M358068		5.55	0.005	0.17	7.07	12.8	2040	1.64	0.59	2.36	0.41	49.5	3.7	7	12.10	2.5
M358069		4.83	0.015	0.19	6.70	12.9	2270	1.52	0.62	3.42	0.65	48.0	5.1	7	17.00	3.1
M358070		3.62	0.056	0.65	6.94	35.3	2460	1.16	1.64	2.31	4.70	45.4	15.9	6	19.75	17.9
M358071		7.96	0.013	0.26	7.12	18.0	2170	1.55	0.79	2.31	1.22	48.4	5.3	9	13.30	7.5
M358072		2.46	0.117	1.45	7.23	361	1650	1.67	3.22	1.72	1.23	54.5	3.1	7	14.95	13.1
M358073		4.37	0.202	2.10	7.27	212	530	1.47	3.93	1.26	4.45	86.8	9.9	6	11.90	41.1
M358074		3.60	0.290	3.27	5.34	721	190	1.13	5.78	1.11	18.70	37.6	12.7	5	12.25	40.1
M358075		3.22	0.125	2.82	6.79	96.8	650	1.43	5.53	1.17	4.95	53.5	6.1	7	14.70	21.3



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Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12194653**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358040		3.17	15.90	0.14	1.3	0.129	2.62	28.1	15.8	0.71	594	4.69	1.64	7.1	2.3	580
M358041		4.54	16.00	0.14	1.2	0.262	2.99	31.6	13.7	0.69	873	2.06	0.73	6.3	2.3	540
M358042		3.49	17.50	0.12	1.3	0.351	3.13	30.1	13.2	0.56	593	2.75	1.15	6.9	2.1	580
M358043		6.56	14.05	0.11	0.9	1.490	2.69	20.1	23.2	0.90	1900	12.55	0.04	5.4	15.0	440
M358044		2.76	15.60	0.12	1.3	0.156	2.82	26.9	15.0	0.72	548	0.83	1.98	6.8	1.9	580
M358045		4.34	15.65	0.14	1.3	0.629	3.04	26.6	12.1	0.67	725	0.82	0.67	6.6	1.9	500
M358046		3.08	16.10	0.14	1.7	0.074	3.03	26.9	13.8	0.75	668	1.01	1.97	7.5	2.0	590
M358047		3.51	14.90	0.13	1.3	0.146	2.59	27.1	35.6	0.75	780	5.23	0.16	6.4	3.4	510
M358048		0.44	0.12	0.06	<0.1	0.005	0.01	<0.5	0.8	12.25	192	<0.05	<0.01	0.1	1.1	180
M358049		2.97	15.75	0.14	1.3	0.133	2.85	27.0	14.2	0.73	634	2.35	1.92	6.7	2.0	580
M358050		3.60	16.05	0.12	1.2	0.203	2.70	22.9	14.3	0.69	757	1.43	1.30	6.7	2.2	560
M358051		2.92	15.05	0.12	1.3	0.171	2.64	24.5	14.9	0.79	631	1.55	1.72	7.5	3.1	540
M358052		6.49	14.25	0.13	1.4	0.582	2.42	32.0	13.3	0.64	563	1.92	0.56	7.5	2.5	690
M358053		2.72	14.60	0.12	1.3	0.135	2.35	22.4	13.1	0.68	563	1.08	1.80	7.5	2.2	560
M358054		2.92	13.80	0.12	1.2	0.191	2.07	25.6	13.0	0.67	549	1.55	1.56	7.1	2.2	530
M358055		2.69	15.10	0.12	1.5	0.131	2.42	23.0	13.8	0.76	595	1.19	1.88	7.9	2.1	560
M358056		2.74	9.72	0.09	0.7	0.185	1.84	19.0	13.1	0.52	518	55.5	0.31	4.2	3.1	360
M358057		2.64	15.40	0.14	1.5	0.272	2.42	30.8	14.8	0.80	594	10.30	1.51	7.1	2.6	530
M358058		2.72	15.65	0.14	1.8	0.066	2.65	23.3	13.5	0.73	442	2.55	2.28	8.4	2.3	550
M358059		2.75	15.45	0.14	1.8	0.075	2.54	27.4	13.6	0.73	458	2.09	2.16	8.3	2.4	570
M358060		2.92	16.85	0.10	1.6	0.075	2.43	29.2	14.1	0.81	486	2.47	2.27	8.8	2.3	590
M358061		3.12	14.15	0.13	1.2	0.397	2.14	35.2	11.0	0.74	607	0.51	1.29	7.0	1.9	510
M358062		3.13	13.35	0.13	1.2	0.378	2.19	32.7	10.6	0.73	614	0.50	1.32	6.7	1.8	510
M358063		7.48	13.55	0.13	1.1	0.456	2.78	30.3	6.2	0.61	741	5.76	0.05	4.8	2.0	450
M358064		0.45	0.15	0.06	<0.1	<0.005	0.02	0.5	0.9	12.30	189	0.35	0.01	0.1	1.2	170
M358065		3.71	15.10	0.11	1.3	0.515	2.61	31.3	15.1	0.78	815	1.78	0.79	7.1	2.9	540
M358066		2.72	14.60	0.13	1.3	0.212	2.18	20.7	12.0	0.60	655	0.81	1.40	7.7	2.6	540
M358067		5.00	14.10	0.10	1.4	0.853	2.79	21.4	24.0	0.67	1940	11.75	0.26	7.2	13.4	490
M358068		2.66	14.55	0.12	1.4	0.088	2.26	25.7	11.8	0.66	513	1.79	2.05	7.7	2.2	540
M358069		2.56	14.55	0.15	1.5	0.101	2.30	23.4	28.4	0.68	651	1.30	1.16	7.7	2.6	540
M358070		3.40	15.60	0.12	1.4	0.288	2.47	24.0	23.6	0.69	540	3.89	0.79	7.3	2.8	520
M358071		3.16	15.50	0.13	1.4	0.171	2.66	25.2	17.0	0.69	570	0.78	1.48	8.0	3.0	550
M358072		3.76	15.90	0.13	1.4	0.176	3.03	32.4	20.1	0.62	696	0.35	0.51	7.7	1.8	550
M358073		4.26	16.05	0.15	1.2	0.410	3.31	53.0	12.8	0.69	863	0.44	0.04	6.3	2.6	530
M358074		5.00	12.30	0.08	0.9	0.387	2.36	20.4	26.9	0.50	923	27.7	0.03	5.4	2.5	370
M358075		4.21	15.00	0.13	1.1	0.417	3.00	30.2	16.1	0.63	720	19.95	0.04	6.9	2.2	510



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Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12194653**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358040		30.5	92.8	0.006	0.54	6.48	10.3	1	2.2	285	0.59	0.25	12.9	0.239	3.6
M358041		41.1	155.0	0.002	1.72	7.43	9.9	<1	5.9	134.0	0.54	0.28	13.2	0.217	4.8
M358042		38.4	135.0	0.002	1.37	21.5	11.0	1	3.5	237	0.57	0.45	13.6	0.232	5.3
M358043		2910	153.0	0.003	4.60	90.7	8.1	1	7.8	91.3	0.44	0.36	9.7	0.177	4.8
M358044		42.1	102.5	<0.002	0.23	3.92	10.0	1	2.1	303	0.60	0.05	12.6	0.238	4.1
M358045		568	160.0	<0.002	2.03	9.61	9.6	1	5.6	142.5	0.54	0.07	12.7	0.212	4.7
M358046		41.1	107.5	<0.002	0.31	3.50	10.4	1	2.0	347	0.66	0.09	14.2	0.243	4.6
M358047		69.8	111.0	<0.002	1.34	28.7	9.5	1	3.5	118.5	0.58	0.14	12.5	0.218	5.8
M358048		1.4	0.7	<0.002	0.01	0.62	0.1	<1	<0.2	43.3	<0.05	<0.05	<0.2	<0.005	0.5
M358049		28.1	109.0	0.003	0.54	4.65	10.3	1	2.2	312	0.56	0.10	12.4	0.235	3.3
M358050		112.5	101.0	<0.002	1.31	5.04	9.9	1	3.2	239	0.53	1.04	10.9	0.224	4.3
M358051		22.6	103.0	0.002	0.32	2.72	9.3	1	2.4	290	0.61	0.17	13.1	0.235	3.7
M358052		254	113.0	<0.002	5.01	8.57	9.9	8	6.6	131.5	0.59	1.03	12.3	0.259	3.6
M358053		44.8	93.1	<0.002	0.22	3.11	9.1	<1	2.1	303	0.66	<0.05	12.8	0.238	3.6
M358054		47.4	99.1	0.002	0.71	4.20	9.2	<1	2.8	234	0.62	0.10	13.2	0.222	3.6
M358055		39.7	92.5	0.002	0.19	3.24	9.2	1	2.2	309	0.71	<0.05	13.2	0.234	3.9
M358056		95.7	103.5	0.009	1.73	4.55	6.1	1	1.7	129.5	0.33	0.16	7.9	0.133	2.4
M358057		60.3	117.5	0.003	0.52	3.72	9.0	1	2.7	246	0.65	0.20	13.4	0.207	3.9
M358058		17.8	99.0	0.002	0.11	2.09	9.2	1	2.0	408	0.74	<0.05	13.2	0.246	4.6
M358059		19.2	94.1	0.002	0.14	2.20	9.9	1	2.1	387	0.76	0.07	14.2	0.242	4.8
M358060		16.0	94.8	0.003	0.04	2.47	11.0	1	2.0	429	0.71	<0.05	13.5	0.260	4.2
M358061		58.7	115.0	<0.002	0.54	4.46	9.1	1	3.0	205	0.57	0.08	13.2	0.210	4.2
M358062		61.8	113.0	<0.002	0.58	4.19	8.7	1	3.0	203	0.52	0.11	14.1	0.210	4.5
M358063		202	156.0	0.005	6.83	4.70	8.1	1	7.3	51.1	0.42	1.16	10.0	0.154	3.9
M358064		1.6	1.1	<0.002	0.02	0.06	0.1	<1	0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.5
M358065		222	139.0	0.002	1.26	4.30	10.9	1	4.8	153.0	0.57	0.11	14.0	0.230	4.4
M358066		33.4	101.0	<0.002	0.50	4.02	9.1	1	3.0	208	0.67	0.13	11.8	0.223	3.3
M358067		1310	159.5	0.003	2.92	30.6	8.0	1	5.4	140.5	0.59	0.28	12.3	0.202	4.9
M358068		27.4	87.4	0.002	0.24	2.77	8.9	1	1.9	354	0.66	0.06	13.7	0.231	3.8
M358069		30.6	97.3	<0.002	0.29	4.06	9.3	1	2.0	281	0.70	<0.05	13.7	0.233	3.6
M358070		158.0	130.0	0.003	0.90	5.33	8.6	1	3.3	183.5	0.66	<0.05	13.9	0.216	3.7
M358071		59.3	118.0	<0.002	0.31	3.61	9.4	1	1.9	273	0.67	<0.05	13.2	0.237	3.7
M358072		93.7	157.5	<0.002	1.19	7.10	9.7	1	2.6	152.5	0.68	<0.05	14.6	0.228	4.5
M358073		144.0	214	<0.002	2.20	12.25	9.1	<1	6.6	65.0	0.52	0.07	14.5	0.200	3.7
M358074		369	145.0	0.002	4.31	48.8	6.9	1	6.9	53.5	0.44	0.35	10.0	0.163	8.0
M358075		281	178.0	<0.002	2.37	26.7	8.9	2	4.5	56.1	0.57	0.58	13.2	0.209	7.3



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 Account: ROCKHA

Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12194653**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358040		67	1.9	14.4	89	29.9	<1
M358041		63	4.6	13.1	107	28.9	1
M358042		69	3.6	15.3	119	31.9	<1
M358043		57	4.9	9.0	5510	22.3	27
M358044		66	1.6	13.8	141	32.4	<1
M358045		61	3.8	12.3	1360	33.7	20
M358046		69	2.0	15.0	84	42.1	1
M358047		61	4.4	12.7	135	32.3	2
M358048		2	0.1	0.6	14	<0.5	<1
M358049		66	1.6	14.0	89	30.9	<1
M358050		64	3.3	13.4	201	30.8	1
M358051		61	2.2	14.3	62	33.3	1
M358052		68	7.7	13.9	192	37.6	23
M358053		60	1.3	13.4	116	31.8	<1
M358054		60	2.1	14.5	100	29.3	1
M358055		59	1.4	14.7	115	36.6	<1
M358056		43	2.1	10.9	230	17.7	1
M358057		63	1.3	16.0	132	35.9	<1
M358058		62	1.1	15.7	40	46.3	<1
M358059		63	1.1	16.9	44	46.2	<1
M358060		68	1.2	17.9	40	40.4	<1
M358061		53	1.5	15.9	127	29.5	1
M358062		53	1.5	15.0	130	29.9	1
M358063		48	5.2	12.4	390	26.0	5
M358064		2	0.1	0.7	14	<0.5	<1
M358065		63	2.8	15.6	647	31.2	1
M358066		54	2.0	14.2	91	33.1	<1
M358067		55	5.2	10.7	2870	35.7	10
M358068		58	1.1	13.8	63	35.3	<1
M358069		60	1.6	17.2	79	34.7	<1
M358070		64	2.7	15.3	367	32.4	<1
M358071		62	1.8	14.7	122	35.3	<1
M358072		62	5.0	12.4	127	33.8	1
M358073		65	5.5	10.6	384	28.0	2
M358074		51	7.5	11.8	1440	22.7	3
M358075		57	6.4	13.2	526	29.2	2





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**CERTIFICATE OF ANALYSIS WH12194653**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12194654**

Project: Klaza - 110

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12194654**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M358076		2.51	0.267	3.38	7.01	105.5	680	1.38	10.90	0.66	1.93	51.0	6.8	8	10.10	50.3
M358077		2.85	0.124	1.56	7.85	64.6	1220	1.73	7.49	0.99	2.30	57.9	6.5	6	17.35	76.2
M358078		4.36	0.275	4.25	7.60	216	280	1.55	13.45	0.19	2.80	42.9	18.9	8	15.40	68.1
M358079		2.73	<0.005	0.02	0.06	<5	30	0.05	0.04	22.0	0.08	1.15	1.1	<1	0.15	2.3
M358080		2.42	0.133	0.93	7.57	114.5	2130	1.59	2.74	1.42	1.03	49.8	6.7	6	13.50	22.5
M358081		6.05	0.014	0.29	7.80	28.0	2620	1.22	0.63	0.78	0.74	47.0	6.2	7	14.35	13.2
M358082		2.16	0.012	0.25	8.70	26.6	2080	1.26	0.58	0.73	0.54	49.1	6.7	6	14.80	13.3
M358083		7.09	0.030	0.23	7.71	11.5	2360	1.40	0.44	2.23	0.30	39.9	6.5	7	11.80	17.3
M358084		2.54	0.081	0.73	7.40	343	1160	1.52	0.63	2.18	1.67	47.4	6.7	6	19.10	14.3
M358085		4.88	0.383	1.03	7.32	1245	1540	1.45	1.50	2.71	3.60	41.4	6.5	10	15.90	30.1
M358086		2.74	0.174	0.99	7.49	523	920	1.63	1.50	1.94	3.11	48.0	6.2	6	16.20	35.6
M358087		2.67	1.260	3.97	6.19	1395	180	1.24	5.30	2.66	13.60	42.2	5.2	4	10.65	81.9
M358088		3.41	0.132	0.70	7.70	344	2340	1.51	1.17	1.88	1.54	43.6	8.6	8	17.50	17.1
M358089		0.25	4.02	>100	5.30	7830	230	1.07	55.8	1.93	223	28.1	9.0	16	10.55	1255
M358090		4.98	0.028	0.30	7.86	108.5	2210	1.46	0.45	1.72	0.63	44.5	8.2	7	16.10	15.9
M358091		6.44	0.124	0.52	7.18	444	2660	1.39	0.85	2.43	2.06	39.2	6.8	7	16.45	21.0
M358092		2.54	1.665	6.10	6.65	884	160	1.28	13.90	2.32	2.24	35.7	22.5	7	11.25	256
M358093		2.89	0.364	2.73	7.66	291	1330	1.48	3.56	1.15	10.35	61.5	5.8	8	13.20	61.1
M358094		2.11	0.652	5.83	5.99	869	730	1.17	9.19	1.14	30.3	44.1	10.0	7	12.40	82.0
M358095		3.37	<0.005	0.02	0.09	<5	20	0.06	0.03	19.75	0.09	1.26	1.1	<1	0.57	1.9
M358096		2.01	0.270	15.90	6.89	429	490	1.28	57.4	0.62	20.5	52.0	6.3	7	10.05	342
M358097		2.15	0.064	1.47	7.54	108.5	1360	1.53	2.52	1.05	4.15	59.8	6.5	7	16.55	41.1
M358098		3.53	0.008	0.21	7.60	10.3	2250	1.53	0.47	2.84	0.38	51.1	6.5	9	18.85	9.1
M358099		<0.02	0.006	0.16	6.83	9.1	2110	1.54	0.34	2.73	0.34	45.1	6.2	8	18.20	7.0
M358100		3.48	0.016	0.29	7.11	16.5	2130	1.59	0.49	2.37	1.00	47.0	6.5	8	17.35	10.0
M358101		3.05	0.168	1.78	7.13	1235	1360	1.59	2.20	1.65	6.97	53.8	6.5	8	16.25	35.1
M358102		2.57	0.578	1.21	7.27	1835	1960	1.65	1.26	2.37	8.74	48.7	7.2	9	11.70	48.6
M358103		2.49	0.038	0.71	7.75	88.1	1460	1.66	1.10	1.84	2.31	58.2	5.9	8	19.20	24.4
M358104		2.55	1.550	40.2	5.57	1135	840	1.06	125.5	1.00	41.4	45.0	7.8	7	12.70	1090
M358105		4.40	0.052	1.27	7.08	51.3	2040	1.55	3.92	2.15	2.39	56.8	9.0	8	15.25	63.3
M358106		0.26	4.41	>100	5.41	7770	1350	1.17	61.6	1.92	215	34.7	9.2	17	11.90	1250
M358107		3.54	0.013	0.61	6.91	22.3	2410	1.47	2.70	2.42	1.19	57.4	8.1	9	13.15	47.8
M358108		4.07	0.026	0.58	8.08	24.0	1830	1.69	1.75	2.28	3.61	78.4	11.8	8	12.90	9.7
M358109		5.15	0.159	1.65	6.30	152.5	1050	1.40	8.96	1.29	1.11	65.9	16.0	8	13.90	21.4
M358110		2.93	0.064	1.44	6.34	52.8	960	1.49	15.00	1.76	1.58	65.6	11.7	8	13.45	30.6
M358116		7.34	0.033	0.42	7.38	89.9	2300	1.50	1.00	2.23	0.80	50.3	7.3	9	12.00	20.2



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Account: ROCKHA

Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12194654**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358076		7.32	16.50	0.18	1.1	0.420	3.18	26.8	12.4	0.48	549	11.80	0.04	6.6	2.5	510
M358077		3.18	18.00	0.17	1.3	0.579	2.95	33.6	25.3	0.52	786	1.38	0.05	7.7	2.3	600
M358078		6.86	18.00	0.19	1.3	0.346	3.11	22.8	13.8	0.32	286	3.43	0.05	6.9	2.7	570
M358079		0.45	0.29	0.24	<0.1	0.006	0.02	0.6	0.9	13.35	196	0.39	<0.01	0.3	1.8	190
M358080		3.30	18.20	0.19	1.3	0.235	2.07	27.6	48.0	0.66	897	3.41	0.04	8.2	2.5	600
M358081		2.74	17.95	0.18	1.2	0.119	2.41	25.8	41.9	0.38	691	1.05	0.09	8.5	2.1	620
M358082		3.01	19.50	0.18	1.4	0.096	2.54	26.4	44.2	0.38	737	0.94	0.10	9.5	2.4	690
M358083		3.03	17.75	0.18	1.2	0.078	3.02	20.0	14.6	0.71	607	0.79	1.99	8.5	2.3	630
M358084		3.14	16.65	0.18	1.2	0.106	3.01	26.1	17.6	0.87	1700	1.37	0.11	8.0	2.5	570
M358085		3.84	17.10	0.19	1.3	0.411	3.63	21.0	15.1	1.01	2220	2.73	0.07	8.2	2.6	600
M358086		3.40	19.20	0.21	1.2	0.305	2.91	26.3	30.2	0.73	1610	3.20	0.04	8.5	2.5	590
M358087		5.95	16.35	0.20	1.1	0.401	2.80	22.7	10.2	0.93	3580	6.09	0.03	7.0	2.2	470
M358088		3.36	17.95	0.18	1.3	0.209	3.40	22.2	29.3	0.77	1200	1.20	0.08	8.3	2.2	610
M358089		7.71	13.15	0.25	1.0	4.34	2.24	14.4	26.7	0.60	2980	14.75	0.08	5.5	12.3	450
M358090		3.11	18.15	0.17	1.5	0.086	3.08	23.1	29.9	0.64	623	1.50	0.40	9.1	2.4	630
M358091		3.02	17.30	0.16	1.1	0.217	3.01	20.1	41.3	0.85	1520	4.74	0.06	8.0	2.3	600
M358092		8.26	15.35	0.20	1.2	0.549	3.17	18.4	15.8	0.89	1960	14.15	0.06	6.9	2.8	500
M358093		4.80	17.30	0.19	1.2	0.702	3.50	35.4	17.0	0.63	1000	1.78	0.06	8.6	3.1	550
M358094		8.10	16.55	0.20	1.0	1.210	2.64	25.1	13.4	0.51	1180	22.4	0.03	6.3	2.6	410
M358095		0.48	0.35	0.08	<0.1	0.008	0.04	0.6	1.1	12.30	205	0.25	0.01	0.3	2.4	190
M358096		8.21	16.65	0.23	1.3	1.025	3.07	30.0	6.9	0.45	716	6.38	0.03	7.4	2.7	470
M358097		3.77	17.20	0.19	1.4	0.382	3.18	34.6	24.1	0.55	707	1.61	0.14	8.6	2.4	540
M358098		3.01	17.30	0.17	1.5	0.123	3.02	27.3	15.2	0.69	719	2.29	1.65	8.8	2.7	560
M358099		2.81	16.70	0.16	1.5	0.115	2.86	23.0	14.3	0.63	686	2.66	1.55	8.6	2.4	500
M358100		2.79	16.10	0.16	1.2	0.177	2.98	25.0	12.5	0.52	662	2.87	1.32	8.4	2.4	540
M358101		4.41	16.80	0.17	1.3	0.555	3.04	29.8	19.2	0.69	643	3.10	0.56	8.2	2.7	510
M358102		3.30	17.70	0.17	1.2	0.340	3.25	26.8	14.4	0.63	660	2.44	1.34	8.5	2.6	540
M358103		3.39	17.50	0.19	1.5	0.281	3.07	33.4	42.9	0.75	834	2.95	0.26	8.5	2.6	550
M358104		7.39	14.90	0.23	0.9	2.05	2.46	24.8	16.9	0.46	577	61.8	0.03	5.8	2.8	390
M358105		3.62	17.20	0.15	1.2	0.390	3.22	31.1	27.4	0.66	639	1.70	0.59	7.8	2.7	550
M358106		7.93	13.15	0.16	1.1	4.93	2.31	18.3	29.6	0.62	2890	15.85	0.08	6.0	13.7	430
M358107		3.16	16.40	0.16	1.1	0.309	2.81	29.7	12.1	0.72	521	2.76	1.62	7.6	3.0	530
M358108		2.79	15.80	0.17	1.1	0.348	3.38	47.2	13.8	0.95	558	1.52	0.27	6.4	2.2	580
M358109		4.13	16.10	0.18	1.0	0.236	2.84	37.4	14.5	0.61	573	10.15	0.06	6.4	2.9	430
M358110		3.55	14.40	0.19	0.8	0.530	2.66	38.7	23.9	0.84	709	2.29	0.04	5.8	2.3	460
M358116		2.93	17.40	0.17	1.4	0.148	3.22	26.9	23.3	0.60	647	1.72	1.18	8.7	2.7	550



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Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12194654**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358076		171.0	158.0	<0.002	7.00	22.7	8.8	3	8.3	40.1	0.55	2.11	10.8	0.215	6.4
M358077		51.2	145.0	<0.002	1.31	24.2	10.0	1	4.4	104.5	0.65	0.53	12.7	0.239	5.3
M358078		127.0	145.0	<0.002	6.85	14.95	9.7	2	8.9	48.5	0.55	1.08	11.5	0.219	4.2
M358079		1.9	1.4	<0.002	0.01	0.14	0.2	1	0.2	49.4	<0.05	<0.05	<0.2	<0.005	0.7
M358080		67.8	101.0	<0.002	0.94	17.60	10.7	1	4.2	176.5	0.65	0.43	12.9	0.236	4.7
M358081		37.5	113.0	<0.002	0.22	23.4	11.1	1	2.1	94.7	0.67	<0.05	13.7	0.255	3.2
M358082		28.8	115.5	<0.002	0.21	23.8	11.9	1	2.2	87.0	0.74	<0.05	15.1	0.291	3.1
M358083		21.0	116.5	<0.002	0.07	5.55	9.8	1	2.0	325	0.68	<0.05	11.6	0.259	3.3
M358084		122.0	147.5	<0.002	0.63	13.80	10.6	1	3.5	114.0	0.63	<0.05	12.6	0.242	5.3
M358085		180.0	145.0	<0.002	1.57	17.20	10.5	1	5.5	116.5	0.66	<0.05	11.1	0.256	5.2
M358086		103.5	148.5	<0.002	1.63	16.45	10.8	1	6.6	115.5	0.66	<0.05	13.1	0.247	4.8
M358087		523	157.0	<0.002	5.53	25.8	8.8	1	11.6	65.0	0.56	0.07	10.5	0.197	4.4
M358088		104.5	149.0	<0.002	0.86	21.3	10.2	1	3.5	130.5	0.67	<0.05	11.7	0.250	4.5
M358089		9300	124.0	<0.002	6.92	212	6.7	2	8.3	114.0	0.42	0.44	7.6	0.180	4.7
M358090		33.6	132.0	<0.002	0.22	11.55	11.0	1	2.6	159.5	0.73	<0.05	13.1	0.263	4.3
M358091		64.7	119.5	<0.002	0.75	20.0	9.9	1	3.1	142.5	0.64	<0.05	10.9	0.246	4.2
M358092		216	151.0	<0.002	7.47	74.3	8.4	2	7.0	79.6	0.57	0.52	10.5	0.209	8.4
M358093		357	187.5	<0.002	2.46	14.90	11.6	1	10.1	73.7	0.68	0.07	15.7	0.245	4.9
M358094		1140	157.0	<0.002	7.68	40.4	8.3	1	10.8	48.9	0.50	0.56	11.1	0.183	5.3
M358095		2.5	3.6	<0.002	0.01	0.10	0.5	1	<0.2	33.2	<0.05	<0.05	<0.2	<0.005	0.6
M358096		581	171.5	<0.002	7.35	89.2	9.3	2	10.1	30.9	0.62	0.63	13.6	0.211	4.9
M358097		136.5	173.5	<0.002	1.49	16.70	10.7	1	4.2	87.5	0.72	0.06	16.3	0.232	5.7
M358098		25.0	139.5	<0.002	0.10	4.96	10.6	1	1.9	311	0.72	<0.05	13.7	0.243	4.6
M358099		23.8	124.5	<0.002	0.08	4.51	9.6	1	1.8	293	0.72	<0.05	11.7	0.227	4.1
M358100		33.7	137.0	<0.002	0.19	5.65	10.0	1	2.0	236	0.65	<0.05	12.6	0.237	3.5
M358101		227	156.5	<0.002	1.96	24.8	10.0	1	6.8	125.0	0.66	<0.05	13.7	0.222	4.7
M358102		105.5	152.5	<0.002	0.89	11.55	10.6	1	4.0	257	0.66	0.05	13.5	0.239	4.5
M358103		93.4	148.5	<0.002	0.70	10.65	10.7	1	4.1	162.0	0.71	<0.05	15.4	0.231	5.2
M358104		678	153.5	<0.002	7.45	342	8.2	8	12.5	61.7	0.45	7.42	10.6	0.169	9.7
M358105		126.5	152.5	<0.002	1.32	12.90	10.3	1	3.7	185.5	0.61	0.21	13.1	0.218	5.1
M358106		9440	140.0	<0.002	6.88	214	7.3	2	9.0	116.0	0.46	0.54	8.9	0.182	5.5
M358107		41.9	129.5	<0.002	0.82	4.47	10.3	1	2.4	304	0.60	0.14	13.2	0.209	4.4
M358108		100.5	192.5	<0.002	1.42	6.89	9.0	1	3.6	95.9	0.53	0.25	14.3	0.198	4.2
M358109		67.7	155.0	0.003	3.08	16.00	9.1	2	5.6	62.7	0.53	0.44	12.9	0.183	7.1
M358110		60.3	200	0.002	1.69	12.90	9.2	1	4.7	76.1	0.45	0.91	13.0	0.156	3.9
M358116		41.6	129.5	<0.002	0.46	11.15	10.3	1	2.2	252	0.69	0.06	13.8	0.241	3.8



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Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12194654**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358076		63	7.2	14.7	260	31.5	3	
M358077		68	3.9	15.2	259	36.2	1	
M358078		68	6.9	14.2	300	36.5	4	
M358079		2	0.1	0.8	17	0.5	<1	
M358080		67	4.7	15.1	98	36.3	1	
M358081		69	5.7	14.8	92	35.3	<1	
M358082		76	7.2	15.9	79	38.5	<1	
M358083		70	2.5	14.9	62	37.3	<1	
M358084		68	5.3	15.0	214	35.9	<1	
M358085		71	4.9	15.1	382	38.5	1	
M358086		66	4.7	13.9	298	35.7	1	
M358087		55	7.5	13.0	1320	31.6	4	
M358088		70	4.1	14.4	150	37.0	<1	
M358089		53	4.2	8.3	>10000	32.4	122	1.580
M358090		71	3.8	15.5	83	42.0	<1	
M358091		69	4.3	13.3	232	34.7	<1	
M358092		61	5.0	12.7	221	33.1	6	
M358093		66	6.4	14.4	844	33.9	2	
M358094		52	7.5	11.2	2230	28.1	6	
M358095		3	0.2	0.8	15	<0.5	<1	
M358096		58	10.2	13.9	1710	37.3	17	
M358097		62	5.3	15.8	345	39.4	1	
M358098		65	4.0	17.0	62	42.4	<1	
M358099		61	4.0	15.5	56	40.8	<1	
M358100		64	4.1	15.5	91	34.2	<1	
M358101		59	6.1	13.1	591	35.9	2	
M358102		64	3.3	15.0	625	35.5	1	
M358103		63	5.0	15.2	225	40.6	1	
M358104		50	8.8	13.4	2800	27.0	44	
M358105		63	2.3	14.7	260	32.7	1	
M358106		52	4.9	9.0	>10000	33.6	126	1.645
M358107		61	1.4	16.2	129	32.3	<1	
M358108		59	2.3	12.6	298	30.3	<1	
M358109		53	4.6	15.6	124	28.8	1	
M358110		51	3.2	15.5	184	22.7	1	
M358116		65	4.4	15.4	101	38.6	<1	



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**CERTIFICATE OF ANALYSIS WH12194654**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12194655**

Project: Klaza - 110

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager





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**CERTIFICATE OF ANALYSIS WH12194655**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358111		3.18	0.023	0.95	5.73	42.0	1570	1.15	3.16	0.55	2.53	38.2	12.7	8	9.76	44.2
M358112		6.13	0.036	1.10	8.14	72.8	1900	1.47	2.09	1.04	2.52	60.8	7.1	8	14.55	26.5
M358113		3.07	0.159	11.10	6.65	149.5	760	1.49	2.72	1.44	88.2	47.9	5.3	7	14.80	54.1
M358114		2.96	<0.005	0.04	0.09	<5	30	0.09	0.02	20.2	0.12	1.72	1.1	<1	0.20	1.4
M358115		6.85	0.009	0.26	8.16	16.0	2450	1.46	0.60	1.24	0.59	53.6	6.6	8	21.7	7.1
M358117		4.65	0.008	0.60	7.64	26.3	1750	1.55	1.37	1.54	2.07	46.7	6.6	7	18.05	12.9
M358118		3.06	0.106	1.51	7.39	117.0	1330	1.61	3.39	2.03	3.87	53.9	4.0	7	19.40	40.6
M358119		3.00	0.218	0.99	8.03	58.1	1800	1.41	2.00	1.23	1.79	54.4	3.8	8	14.10	31.8
M358120		3.72	0.009	0.44	8.48	18.9	2400	1.41	1.07	0.60	1.38	53.1	4.7	7	12.55	17.8
M358121		1.77	0.014	0.49	7.83	20.4	2130	1.34	1.11	0.57	1.33	51.7	6.2	7	12.70	19.3
M358122		2.06	0.204	2.29	7.15	100.5	1850	1.37	2.29	0.90	2.03	55.7	15.1	7	9.55	307
M358123		4.58	0.224	1.24	7.87	700	1850	1.61	2.19	1.45	5.46	61.2	4.4	8	10.25	43.1
M358124		0.25	0.755	9.45	6.56	1705	1660	1.47	6.40	1.83	42.4	49.1	16.7	20	17.05	107.5
M358125		4.75	0.071	0.39	7.62	171.0	2080	1.79	1.01	1.44	0.95	53.9	5.8	7	8.48	22.1
M358126		2.88	0.038	0.21	7.26	17.3	1990	1.59	0.64	0.86	0.38	55.0	6.6	8	13.80	9.6
M358127		3.19	<0.005	0.16	8.33	11.3	2200	1.37	0.47	0.62	0.23	48.8	5.9	7	12.20	8.1
M358128		4.83	0.033	1.54	6.95	61.6	1390	1.51	7.47	1.03	2.26	53.1	20.6	9	13.50	37.1
M358129		3.41	0.041	1.32	8.04	29.9	1620	1.36	7.79	0.84	5.01	55.8	5.2	8	10.90	54.0
M358130		7.61	0.012	0.23	7.11	16.5	1920	1.46	1.34	2.28	0.42	48.2	4.2	10	10.40	5.5
M358131		<0.02	0.013	0.22	7.03	24.6	1900	1.45	0.87	2.31	0.45	45.5	4.3	10	10.20	5.6
M358132		3.23	0.010	0.43	7.58	24.7	2420	1.32	0.71	0.91	0.82	57.6	5.5	8	8.71	8.7
M358133		2.63	0.016	0.61	6.94	26.1	1710	1.48	1.19	2.39	1.63	45.6	4.8	8	11.50	16.4
M358134		3.91	0.006	0.51	7.39	21.0	2700	1.36	0.99	1.60	0.72	46.8	4.5	9	9.81	6.4
M358135		3.04	0.014	0.54	7.31	91.4	2490	1.36	1.25	0.88	0.77	48.4	10.7	8	11.80	67.8
M358136		6.81	0.022	0.36	6.92	10.4	2780	1.35	0.38	1.79	0.76	49.7	5.1	8	9.87	2.7
M358137		3.14	0.008	0.19	7.38	10.4	2020	1.48	0.20	1.10	0.33	58.7	5.6	9	13.00	9.1
M358138		5.08	0.013	0.24	7.86	13.3	2460	1.38	0.60	0.72	0.35	60.0	5.5	8	14.35	10.7
M358139		0.26	0.734	9.75	6.61	1440	550	1.38	6.56	1.92	39.4	43.2	15.2	20	15.00	106.0
M358140		4.16	0.011	0.41	8.31	15.6	2450	1.17	0.75	0.61	0.60	61.7	4.4	10	12.05	13.5
M358141		2.30	0.077	1.03	7.02	62.4	620	1.35	2.62	1.13	2.61	51.0	14.5	8	12.35	48.3
M358142		2.50	<0.005	0.07	0.12	<5	30	0.07	0.04	21.6	0.06	1.36	0.6	<1	0.32	1.5
M358143		2.90	0.015	0.49	7.70	27.7	2340	1.07	2.07	1.75	1.01	44.1	5.0	8	9.74	26.8
M358144		3.93	0.041	0.84	7.62	35.3	1920	1.56	3.01	2.04	2.10	45.2	6.2	8	12.65	67.8
M358145		5.20	0.030	0.18	6.68	12.3	1700	1.70	0.48	3.70	0.45	47.8	6.8	23	13.75	21.0
M358146		4.40	0.126	0.61	7.83	26.7	1850	1.40	2.32	1.99	2.30	47.8	6.2	8	12.85	44.9
M358147		2.77	0.381	4.10	5.78	149.5	740	1.20	16.00	2.90	14.15	38.2	6.3	10	9.48	107.5



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**CERTIFICATE OF ANALYSIS WH12194655**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358111		3.27	14.25	0.14	0.8	0.382	2.62	22.2	18.2	0.43	630	1.92	0.06	5.1	2.8	380
M358112		3.79	18.50	0.20	1.4	0.226	3.53	34.1	25.5	0.69	646	1.07	0.10	8.8	2.8	590
M358113		5.30	20.1	0.18	1.2	2.69	2.88	26.1	9.2	0.62	962	2.14	0.03	7.4	2.6	450
M358114		0.47	0.34	0.09	<0.1	0.007	0.04	0.9	1.2	12.50	189	0.19	0.01	0.4	2.0	210
M358115		3.63	18.10	0.16	1.4	0.127	3.25	28.5	32.8	0.63	432	0.82	0.35	9.2	2.5	590
M358117		3.59	17.70	0.17	1.2	0.302	3.11	22.7	24.9	0.71	920	0.83	0.07	8.0	2.8	570
M358118		4.26	16.05	0.18	1.1	0.319	3.33	29.8	9.0	0.93	1250	0.78	0.04	7.8	2.6	530
M358119		3.61	17.20	0.16	1.2	0.253	2.96	30.4	25.8	0.63	859	0.80	0.07	8.4	2.4	580
M358120		3.28	17.95	0.16	1.2	0.271	3.10	27.6	21.7	0.41	746	0.53	0.28	8.7	2.2	650
M358121		3.05	17.95	0.17	1.2	0.273	3.05	26.7	22.0	0.38	680	0.64	0.26	8.8	2.5	610
M358122		3.34	16.80	0.18	1.1	0.451	3.56	29.4	14.2	0.48	571	1.21	0.10	7.3	2.7	490
M358123		4.26	17.80	0.19	1.3	0.330	3.04	33.5	17.9	0.58	554	0.69	0.85	8.6	2.8	580
M358124		5.19	15.60	0.19	1.4	0.941	2.82	27.8	22.5	0.68	1840	12.55	0.26	7.9	15.6	480
M358125		3.46	17.60	0.17	1.3	0.176	2.87	28.2	21.0	0.63	423	0.68	1.07	9.3	2.7	600
M358126		2.78	16.35	0.17	1.3	0.165	2.47	29.9	13.1	0.31	386	0.61	1.63	8.6	2.9	530
M358127		2.74	18.90	0.16	1.6	0.080	2.78	25.4	23.6	0.28	507	0.86	0.36	9.6	2.2	610
M358128		3.60	14.95	0.18	1.1	0.326	2.77	29.0	14.2	0.53	687	7.45	0.06	6.2	3.2	500
M358129		2.90	15.90	0.15	1.3	0.211	2.56	27.7	26.1	0.57	478	1.25	0.36	7.2	2.6	610
M358130		2.59	14.50	0.15	1.3	0.116	2.43	24.2	13.6	0.68	446	0.63	1.92	7.1	2.8	560
M358131		2.60	14.60	0.14	1.4	0.118	2.41	21.3	13.8	0.66	442	0.58	1.93	7.1	2.1	550
M358132		2.99	15.65	0.17	1.4	0.113	2.76	29.3	20.5	0.41	613	0.67	0.67	7.9	2.2	580
M358133		3.20	14.65	0.14	1.3	0.187	2.31	19.5	17.8	0.45	595	0.38	1.40	7.1	4.1	540
M358134		2.60	14.95	0.14	1.2	0.144	2.71	21.8	14.8	0.52	543	0.41	1.39	7.3	2.1	610
M358135		2.72	15.15	0.13	1.2	0.122	2.74	23.3	17.0	0.44	484	1.73	0.25	6.6	2.5	540
M358136		2.61	14.75	0.15	1.3	0.052	2.68	23.2	18.8	0.43	479	0.70	0.97	7.4	2.5	530
M358137		2.80	15.25	0.15	1.4	0.053	2.61	30.2	17.6	0.35	495	1.34	1.10	7.9	2.3	580
M358138		2.64	15.65	0.15	1.3	0.084	2.87	28.9	22.2	0.34	423	1.58	0.82	8.0	2.4	610
M358139		5.18	13.90	0.15	1.3	0.848	2.86	20.6	22.7	0.71	2020	11.45	0.26	6.8	14.2	500
M358140		3.07	16.80	0.15	1.2	0.088	2.88	30.2	25.3	0.34	655	1.42	0.09	8.1	2.3	670
M358141		3.14	13.90	0.16	1.0	0.184	3.02	23.6	21.3	0.54	639	1.69	0.06	6.4	2.5	560
M358142		0.47	0.29	0.14	<0.1	0.006	0.05	0.6	1.3	12.95	215	0.16	0.01	0.2	1.6	180
M358143		2.92	13.85	0.15	1.1	0.127	2.80	21.5	38.8	0.70	802	0.55	0.07	6.7	1.6	610
M358144		2.87	15.30	0.15	1.3	0.215	2.77	18.7	44.0	0.75	704	0.71	0.59	6.5	2.5	580
M358145		2.52	16.25	0.14	3.9	0.040	2.58	22.2	37.6	1.17	684	0.96	0.10	9.3	9.9	840
M358146		2.67	14.80	0.14	1.1	0.205	3.00	21.7	30.6	0.68	632	0.50	0.35	6.5	2.0	580
M358147		4.04	11.65	0.14	1.2	0.471	2.62	17.8	16.6	1.07	2240	14.90	0.03	5.1	2.9	420



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**CERTIFICATE OF ANALYSIS WH12194655**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358111		162.5	169.5	<0.002	1.32	13.20	8.7	1	4.8	63.2	0.42	0.10	11.3	0.158	2.8
M358112		160.0	177.5	<0.002	0.90	9.43	11.4	1	4.6	104.0	0.71	0.05	16.3	0.251	5.8
M358113		2180	151.5	<0.002	4.38	21.0	9.8	1	19.2	57.0	0.60	0.05	12.8	0.207	4.8
M358114		3.5	2.0	<0.002	0.01	0.07	0.3	1	<0.2	44.8	<0.05	<0.05	0.2	<0.005	0.9
M358115		27.2	141.0	<0.002	0.25	9.15	11.8	1	1.9	134.5	0.75	<0.05	14.7	0.261	3.8
M358117		102.0	127.5	<0.002	0.66	9.87	10.7	1	3.2	84.2	0.66	<0.05	13.1	0.229	5.0
M358118		183.5	176.5	<0.002	1.91	9.23	10.0	1	4.2	71.7	0.63	0.08	14.5	0.228	4.6
M358119		89.4	135.0	<0.002	1.01	14.05	10.9	1	4.1	87.5	0.66	<0.05	15.2	0.245	3.4
M358120		46.8	133.5	<0.002	0.51	15.80	11.8	1	2.6	90.9	0.71	<0.05	15.8	0.269	3.5
M358121		47.1	134.0	<0.002	0.49	15.50	11.2	1	2.7	89.7	0.71	<0.05	15.5	0.255	3.9
M358122		75.1	188.5	<0.002	1.64	30.9	10.1	1	3.4	78.1	0.60	0.11	14.4	0.206	3.9
M358123		156.0	133.0	<0.002	1.70	14.20	10.7	1	4.6	184.5	0.72	<0.05	15.2	0.251	4.4
M358124		1320	173.0	<0.002	2.99	34.9	9.0	1	6.1	141.5	0.64	0.37	12.8	0.202	5.4
M358125		38.1	114.0	<0.002	0.44	11.25	11.8	1	3.3	188.0	0.73	<0.05	14.7	0.258	3.9
M358126		19.8	92.2	<0.002	0.26	17.30	10.4	1	2.9	233	0.71	<0.05	14.4	0.232	3.7
M358127		19.7	108.0	<0.002	0.10	19.10	10.9	1	2.3	115.0	0.81	<0.05	14.9	0.269	2.9
M358128		88.2	152.0	0.003	1.85	23.9	8.9	1	3.6	52.2	0.55	0.18	13.4	0.196	5.9
M358129		48.9	114.5	0.002	0.59	14.25	10.4	1	2.3	107.5	0.65	0.06	16.6	0.254	5.4
M358130		25.3	95.6	0.002	0.27	3.50	9.8	<1	1.8	324	0.61	<0.05	13.7	0.227	3.6
M358131		26.4	88.8	<0.002	0.27	3.55	9.4	1	1.8	325	0.65	<0.05	13.6	0.227	3.3
M358132		34.8	108.0	<0.002	0.49	10.75	10.4	1	2.1	126.5	0.71	0.05	16.5	0.244	3.5
M358133		78.3	76.7	<0.002	0.94	4.96	9.1	1	2.5	272	0.64	<0.05	13.2	0.229	3.3
M358134		58.1	93.2	<0.002	0.57	5.90	9.5	<1	2.3	258	0.64	0.06	14.1	0.249	2.8
M358135		28.1	121.5	<0.002	1.08	19.90	9.7	1	1.8	88.6	0.62	0.05	14.7	0.223	3.0
M358136		58.3	94.3	<0.002	0.33	9.25	9.9	1	2.0	222	0.64	<0.05	14.0	0.236	2.8
M358137		23.1	105.0	<0.002	0.10	15.05	10.6	1	2.2	198.0	0.66	<0.05	15.8	0.253	2.9
M358138		28.2	119.5	<0.002	0.40	14.70	10.3	1	2.6	144.0	0.71	0.06	17.8	0.265	3.6
M358139		1395	153.5	<0.002	3.10	31.5	8.4	1	5.6	147.5	0.57	0.36	11.7	0.210	4.6
M358140		35.9	123.0	<0.002	0.55	17.15	12.0	1	2.8	82.4	0.67	0.07	16.9	0.273	2.6
M358141		78.6	149.5	<0.002	1.98	22.9	9.4	2	3.3	86.8	0.51	0.15	13.5	0.218	4.7
M358142		1.4	2.2	<0.002	<0.01	0.17	0.4	<1	0.2	38.5	<0.05	<0.05	0.2	<0.005	0.6
M358143		35.1	97.5	<0.002	0.92	15.50	9.1	1	1.8	146.0	0.58	0.22	13.8	0.252	3.2
M358144		54.2	119.5	<0.002	0.92	22.2	10.3	<1	2.7	227	0.58	0.14	14.3	0.223	3.3
M358145		20.1	73.8	<0.002	0.15	16.05	6.8	1	1.5	334	0.70	<0.05	8.6	0.273	3.5
M358146		39.5	129.0	<0.002	0.80	18.15	9.8	1	2.4	223	0.58	0.14	14.7	0.227	3.0
M358147		388	152.5	0.002	2.79	41.8	7.3	<1	5.8	66.3	0.46	0.33	11.1	0.166	7.4



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**CERTIFICATE OF ANALYSIS WH12194655**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358111		64	2.6	10.6	308	23.2	1
M358112		67	4.1	16.1	284	38.9	1
M358113		57	6.1	12.6	4830	33.9	12
M358114		2	0.2	1.0	18	0.6	<1
M358115		70	3.0	16.7	76	38.3	<1
M358117		65	3.1	15.1	251	32.3	<1
M358118		63	5.2	14.4	390	28.8	1
M358119		64	5.1	15.3	200	32.5	1
M358120		75	3.0	16.9	137	30.5	<1
M358121		70	3.3	16.5	125	32.2	<1
M358122		75	4.3	15.8	146	29.1	2
M358123		71	9.9	15.8	463	32.6	<1
M358124		56	5.5	11.9	2890	41.1	10
M358125		71	3.5	18.7	114	35.2	<1
M358126		59	3.0	15.2	53	33.1	<1
M358127		69	7.6	15.5	57	46.5	<1
M358128		65	3.6	14.6	234	27.6	1
M358129		71	2.9	16.6	351	29.2	<1
M358130		63	1.7	16.5	64	29.7	<1
M358131		63	1.7	16.2	65	33.2	<1
M358132		68	3.1	17.1	112	31.9	<1
M358133		65	2.0	14.3	156	29.6	<1
M358134		72	1.8	13.9	103	25.8	<1
M358135		85	2.2	14.0	89	27.0	<1
M358136		66	2.4	15.8	132	30.7	<1
M358137		70	5.0	17.4	55	31.9	<1
M358138		73	4.1	18.8	68	31.5	<1
M358139		59	4.9	10.7	3050	34.9	9
M358140		80	5.7	19.1	94	27.8	<1
M358141		65	3.5	15.5	230	24.0	1
M358142		2	0.2	0.9	12	0.5	<1
M358143		69	2.3	13.0	121	25.4	<1
M358144		74	3.2	15.6	161	28.3	<1
M358145		68	2.6	12.2	83	127.5	<1
M358146		69	2.0	13.7	194	25.7	<1
M358147		54	3.7	12.3	1200	29.7	4



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12194656**

Project: Klaza - 111

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 111

**CERTIFICATE OF ANALYSIS WH12194656**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359001		7.84	<0.005	0.14	7.97	6.6	2440	1.26	0.20	2.25	0.10	45.5	7.4	9	10.25	7.1
M359002		2.16	<0.005	0.17	7.62	6.5	2460	1.30	0.34	1.63	0.08	41.5	5.9	9	12.00	22.6
M359003		4.57	<0.005	0.18	7.19	6.3	2350	1.31	0.51	2.81	0.07	40.6	4.9	9	10.75	31.8
M359004		3.89	<0.005	0.20	7.43	8.1	2280	1.43	0.22	2.37	0.08	47.5	6.3	9	13.75	25.9
M359005		<0.02	<0.005	0.15	7.40	6.5	2290	1.51	0.19	2.39	0.07	40.1	5.9	8	13.20	22.5
M359006		2.51	<0.005	0.15	7.50	20.6	2460	1.27	0.20	1.68	0.11	41.4	6.4	7	15.30	25.8
M359007		3.98	0.067	0.43	7.12	57.8	2690	1.46	0.25	2.02	0.27	39.0	6.9	7	19.65	20.0
M359008		3.51	0.023	0.27	7.03	97.1	2550	1.36	0.23	1.94	0.23	40.7	8.2	7	16.40	20.3
M359009		6.53	0.006	0.25	7.47	51.8	3310	1.51	0.36	1.93	0.54	45.1	11.1	7	15.85	34.7
M359010		1.72	0.078	0.40	8.18	88.5	3130	1.46	0.18	0.64	1.35	45.2	8.1	8	17.75	9.3
M359011		4.85	0.007	0.13	8.26	30.0	2470	1.47	0.17	0.54	1.17	45.1	6.4	7	13.65	8.6
M359012		5.52	<0.005	1.17	8.13	89.4	2340	1.72	0.38	0.52	6.55	51.6	12.4	9	15.75	60.4
M359013		2.52	<0.005	0.06	0.07	<5	30	0.07	0.06	21.9	0.07	1.41	0.6	<1	0.15	2.8
M359014		4.71	0.007	0.34	7.53	77.3	2340	1.71	0.19	1.60	0.90	36.2	7.4	7	27.7	7.3
M359015		2.00	0.006	0.47	7.49	60.4	2250	1.59	0.18	1.70	0.85	36.0	8.2	6	26.0	8.3
M359016		3.16	<0.005	0.13	7.48	153.5	670	1.30	0.11	2.16	3.89	60.1	10.1	41	20.9	11.5
M359017		3.56	0.258	3.86	7.22	320	2260	1.62	0.14	2.34	3.27	43.8	7.0	7	18.45	11.8
M359018		0.26	0.842	9.99	6.88	1860	1780	1.52	6.68	1.97	39.2	41.5	15.2	19	15.55	107.0
M359019		3.39	<0.005	0.13	7.54	17.8	2380	1.46	0.12	2.67	0.14	47.0	7.1	9	11.85	5.1
M359020		4.28	0.010	0.13	7.54	26.5	2430	1.57	0.13	2.89	0.13	44.8	7.2	9	13.65	5.9
M359021		1.96	0.399	0.81	7.06	691	3090	1.25	0.20	2.21	8.07	38.3	7.3	8	13.25	7.9
M359022		4.16	<0.005	0.13	7.58	14.4	2070	1.25	0.22	1.71	0.26	43.9	7.4	8	12.20	5.6
M359023		2.02	<0.005	0.03	0.10	<5	30	0.05	0.04	21.4	0.07	1.26	0.5	<1	0.17	1.9
M359024		7.59	<0.005	0.11	7.85	13.2	2370	1.55	0.18	2.20	0.28	45.2	7.0	9	12.05	7.2
M359025		2.38	0.005	0.37	6.69	96.6	6070	1.51	0.46	2.34	1.16	32.9	6.6	9	15.35	46.0
M359026		4.26	<0.005	0.09	6.85	10.8	3380	1.48	0.20	2.20	0.54	31.2	6.4	6	23.0	8.9
M359027		0.26	0.797	10.05	6.91	1940	1090	1.60	6.69	2.03	40.3	42.0	15.6	21	16.25	111.5
M359028		4.15	<0.005	0.21	6.64	22.8	1140	1.86	0.14	2.02	0.61	29.7	6.9	7	23.5	6.0
M359029		3.23	0.008	0.75	6.07	91.4	1160	1.19	0.14	2.10	1.18	35.7	6.6	6	11.00	13.0
M359030		2.83	0.185	62.0	6.81	1120	1090	1.27	0.17	3.08	52.8	50.2	8.3	6	11.45	65.9
M359031		4.89	0.010	0.97	8.10	142.5	2230	1.39	0.21	1.28	3.24	41.2	6.4	9	21.4	6.7
M359032		3.98	0.006	0.51	7.37	62.4	1850	1.24	0.21	1.27	1.01	30.8	6.5	7	19.55	5.5
M359033		6.69	0.034	0.24	6.33	173.0	6700	1.56	0.30	1.16	1.32	23.3	7.9	7	18.70	23.5
M359034		2.79	<0.005	0.12	6.88	25.6	1820	1.25	0.27	1.92	0.45	33.6	7.1	7	22.5	10.3
M359035		7.26	<0.005	0.08	7.32	11.0	2270	1.31	0.26	2.47	0.16	40.9	7.9	8	27.4	7.9
M359036		2.64	<0.005	0.12	7.46	9.1	2200	1.60	0.24	1.86	0.23	46.8	7.8	8	29.1	8.6



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Plus Appendix Pages  
Finalized Date: 6-SEP-2012  
Account: ROCKHA

Project: Klaza - 111

**CERTIFICATE OF ANALYSIS WH12194656**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359001		3.07	17.50	0.15	1.3	0.037	2.80	23.7	15.9	0.74	842	0.79	2.06	8.9	2.7	640
M359002		3.06	16.60	0.08	1.6	0.061	3.01	19.0	19.3	0.48	738	0.98	1.22	8.5	4.0	640
M359003		2.92	15.80	0.12	1.5	0.067	2.91	19.8	10.2	0.65	865	0.95	1.86	7.6	3.1	610
M359004		2.95	16.80	0.12	1.3	0.067	3.05	22.0	12.5	0.54	1360	0.85	1.75	7.9	2.8	620
M359005		2.94	16.10	0.10	1.3	0.056	3.09	19.1	11.7	0.53	1380	0.82	1.78	7.7	2.4	610
M359006		3.05	16.70	0.11	1.4	0.067	3.32	19.6	14.8	0.31	1020	0.94	1.37	7.7	2.5	610
M359007		2.89	16.65	0.09	1.4	0.054	3.51	18.5	17.1	0.30	1380	1.06	0.88	8.0	2.5	590
M359008		2.82	15.80	0.11	1.4	0.059	3.65	17.8	31.0	0.49	1780	1.38	0.11	7.7	2.6	590
M359009		3.24	16.50	0.12	1.3	0.069	3.76	21.2	28.6	0.41	1800	1.36	0.47	8.1	2.6	620
M359010		3.46	18.65	0.15	1.5	0.042	3.53	21.8	23.6	0.31	6720	1.44	0.78	9.0	2.8	640
M359011		3.10	18.40	0.13	1.4	0.058	3.78	21.4	25.9	0.16	5250	1.67	0.13	8.9	2.8	690
M359012		3.81	17.65	0.13	1.3	0.067	4.12	24.8	24.7	0.29	11800	1.37	0.56	8.1	3.2	650
M359013		0.49	0.23	<0.05	<0.1	0.011	0.02	0.7	1.2	13.10	240	0.17	0.01	0.1	2.1	180
M359014		3.07	17.40	0.10	1.3	0.048	3.72	16.4	61.4	0.29	2560	0.89	0.42	8.2	3.1	630
M359015		3.06	17.20	0.11	1.4	0.043	3.70	15.6	54.5	0.31	2320	0.85	0.49	8.0	2.8	620
M359016		3.57	18.45	0.09	4.3	0.043	1.23	25.6	100.0	0.67	2670	1.32	0.03	10.5	15.9	1630
M359017		3.05	15.95	0.11	1.3	0.037	2.96	20.9	19.9	0.52	3110	1.12	1.26	7.5	2.9	600
M359018		5.34	14.70	0.10	1.4	0.835	2.91	19.9	23.2	0.72	2060	12.25	0.27	7.2	15.4	530
M359019		3.04	17.30	0.10	1.3	0.038	2.75	21.3	18.3	0.84	827	0.94	2.37	8.2	2.8	610
M359020		3.04	17.70	0.11	1.4	0.039	2.81	19.3	16.5	0.70	1340	1.03	2.40	8.4	2.7	640
M359021		3.18	16.70	0.08	1.4	0.036	3.31	17.2	28.3	0.55	4450	0.92	0.27	8.1	2.7	610
M359022		3.15	16.95	0.11	1.4	0.039	2.95	20.2	19.4	0.47	1080	1.04	1.23	8.6	2.5	630
M359023		0.49	0.27	<0.05	<0.1	0.005	0.04	0.6	1.2	12.80	230	0.11	0.01	0.2	1.5	180
M359024		3.12	17.80	0.10	1.4	0.036	3.04	21.1	17.1	0.72	665	0.80	2.08	8.6	2.8	640
M359025		3.20	17.35	0.11	1.4	0.071	2.91	14.8	29.5	0.20	1370	1.55	0.78	9.0	2.5	620
M359026		2.93	17.00	0.10	1.2	0.031	2.93	14.8	92.9	0.38	892	0.64	0.27	7.9	2.5	620
M359027		5.36	15.55	0.11	1.4	0.876	2.99	19.7	24.6	0.73	2120	12.50	0.28	7.3	15.8	530
M359028		2.66	16.65	0.08	1.3	0.038	2.07	13.9	219	0.51	1210	0.63	0.06	8.0	2.3	600
M359029		2.43	13.30	0.08	1.0	0.031	1.46	17.4	91.3	0.61	1660	0.99	0.03	6.3	2.4	470
M359030		3.14	14.75	0.12	1.1	0.031	2.26	25.6	56.8	0.98	2400	1.15	0.04	6.6	2.7	540
M359031		3.05	17.10	0.10	1.4	0.034	2.80	19.0	57.7	0.44	1240	1.25	0.09	8.4	2.4	680
M359032		2.84	15.80	0.09	1.3	0.032	3.16	14.2	46.5	0.45	2020	0.87	0.10	7.4	2.3	610
M359033		2.95	16.80	0.07	1.2	0.044	2.51	10.4	100.0	0.29	1280	3.93	0.07	7.7	3.1	590
M359034		2.74	16.35	0.09	1.2	0.032	2.57	15.5	78.9	0.55	907	2.62	0.20	7.9	2.4	600
M359035		2.98	15.85	0.08	1.2	0.038	2.62	18.8	17.7	0.59	667	1.55	1.95	7.7	2.5	640
M359036		2.97	17.55	0.10	1.2	0.036	2.84	21.1	45.2	0.51	787	1.23	0.85	8.1	2.5	600





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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M359001		16.9	96.2	<0.002	0.02	3.86	10.4	1	2.2	369	0.67	<0.05	11.1	0.273	1.8
M359002		18.3	118.0	<0.002	0.01	9.68	10.2	1	2.6	177.0	0.74	0.06	11.6	0.274	2.6
M359003		16.4	116.0	<0.002	0.06	4.19	9.6	1	2.0	302	0.67	<0.05	11.4	0.255	2.3
M359004		18.8	128.0	<0.002	0.05	5.71	10.4	<1	2.4	281	0.61	<0.05	12.0	0.255	2.6
M359005		18.5	122.0	<0.002	0.05	5.51	10.0	<1	2.2	287	0.65	<0.05	11.5	0.258	2.5
M359006		17.6	134.0	<0.002	0.05	13.30	10.1	1	1.9	184.0	0.66	<0.05	11.7	0.268	2.9
M359007		28.0	147.5	0.002	0.19	17.70	9.8	1	1.8	163.0	0.63	<0.05	10.9	0.250	3.2
M359008		17.4	143.0	0.003	0.25	50.0	9.5	2	1.9	118.0	0.66	<0.05	11.0	0.244	3.8
M359009		23.5	171.5	<0.002	0.12	22.9	10.1	2	1.9	134.5	0.62	<0.05	11.7	0.249	3.6
M359010		73.9	165.0	<0.002	0.05	26.9	11.5	<1	1.8	163.0	0.75	<0.05	14.5	0.274	5.0
M359011		15.8	182.0	<0.002	0.01	20.1	12.2	1	2.0	72.5	0.70	<0.05	13.7	0.282	3.7
M359012		86.9	185.5	<0.002	0.07	28.5	11.4	1	1.9	138.5	0.69	<0.05	14.3	0.269	6.0
M359013		2.9	1.3	<0.002	0.04	0.31	0.2	<1	0.2	52.9	<0.05	<0.05	<0.2	<0.005	0.6
M359014		28.2	158.5	<0.002	0.07	24.1	10.4	1	1.8	138.0	0.64	<0.05	10.4	0.274	3.4
M359015		29.0	151.5	<0.002	0.08	23.6	10.0	1	1.9	147.0	0.66	<0.05	10.3	0.267	3.2
M359016		15.3	37.6	0.002	0.04	69.7	8.3	<1	1.3	640	0.68	<0.05	6.6	0.446	5.1
M359017		69.0	116.5	<0.002	0.44	35.7	9.8	1	2.2	254	0.60	<0.05	11.5	0.250	2.9
M359018		1420	155.5	0.003	3.29	33.5	8.5	1	6.0	154.5	0.61	0.36	11.3	0.211	5.0
M359019		21.9	97.2	<0.002	0.02	1.80	10.7	1	1.7	405	0.65	<0.05	11.8	0.264	2.7
M359020		20.0	98.0	<0.002	0.02	3.44	10.6	1	1.9	393	0.67	<0.05	10.6	0.271	2.5
M359021		56.2	121.5	0.002	0.98	25.0	9.9	1	2.4	99.9	0.67	<0.05	10.5	0.259	3.0
M359022		22.9	118.5	<0.002	0.09	11.65	10.7	<1	1.8	187.5	0.74	<0.05	11.9	0.270	3.0
M359023		1.7	1.7	<0.002	0.04	0.24	0.3	<1	<0.2	39.7	<0.05	<0.05	0.2	<0.005	0.4
M359024		20.5	116.0	<0.002	0.01	5.87	10.7	1	1.8	322	0.69	<0.05	12.0	0.272	2.6
M359025		31.3	131.0	<0.002	0.14	35.0	10.4	1	2.0	261	0.76	<0.05	8.7	0.287	3.2
M359026		20.8	105.0	<0.002	0.05	24.8	9.2	<1	1.4	264	0.63	<0.05	9.1	0.253	2.5
M359027		1440	153.5	<0.002	3.31	35.0	8.9	1	6.2	154.0	0.62	0.28	11.3	0.215	5.3
M359028		18.9	66.5	<0.002	0.11	27.3	9.3	1	1.5	233	0.70	<0.05	8.9	0.251	3.4
M359029		41.3	47.5	<0.002	0.20	49.7	8.4	1	1.3	165.0	0.53	0.05	9.3	0.211	5.0
M359030		1175	112.5	<0.002	1.14	231	9.9	<1	3.8	166.5	0.53	<0.05	12.6	0.223	6.8
M359031		84.1	110.0	<0.002	0.12	36.7	10.7	<1	1.8	109.5	0.74	<0.05	12.1	0.281	3.9
M359032		44.2	113.0	<0.002	0.31	22.2	9.5	<1	1.5	91.2	0.69	<0.05	10.1	0.266	4.9
M359033		35.2	87.4	<0.002	0.17	47.9	9.7	<1	1.7	170.5	0.63	<0.05	7.5	0.262	3.6
M359034		18.6	76.7	<0.002	0.05	19.10	9.6	1	1.6	141.5	0.62	<0.05	9.1	0.261	4.3
M359035		21.5	101.5	<0.002	0.02	9.30	10.5	1	1.8	312	0.62	<0.05	10.0	0.273	2.6
M359036		23.2	111.5	0.002	0.03	16.45	10.5	<1	1.8	174.5	0.66	<0.05	11.2	0.259	4.1



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359001		73	2.3	15.9	57	34.2	<1
M359002		76	3.0	16.2	54	33.5	<1
M359003		70	2.0	15.5	53	30.0	<1
M359004		71	2.7	16.4	56	31.5	<1
M359005		72	2.7	15.6	57	29.2	<1
M359006		74	2.2	15.0	58	31.4	1
M359007		70	2.6	14.7	75	32.5	1
M359008		71	4.2	14.7	90	32.5	1
M359009		70	3.0	16.4	102	31.8	<1
M359010		77	3.4	16.8	159	34.0	1
M359011		79	4.1	18.5	225	32.3	<1
M359012		76	3.9	20.1	647	29.5	1
M359013		2	0.1	1.0	20	<0.5	<1
M359014		77	2.1	13.5	193	30.6	<1
M359015		75	1.9	13.1	172	30.8	<1
M359016		94	1.7	15.1	690	152.0	<1
M359017		70	2.1	15.4	456	31.1	4
M359018		61	4.9	11.7	3050	34.1	9
M359019		74	0.6	17.8	59	30.1	1
M359020		77	0.8	16.4	60	31.5	<1
M359021		72	5.2	14.8	441	31.1	<1
M359022		74	2.6	16.9	79	31.7	<1
M359023		3	0.1	0.9	16	0.5	<1
M359024		75	1.4	17.0	75	30.8	<1
M359025		80	2.7	14.8	251	29.0	<1
M359026		69	2.2	13.0	95	28.1	<1
M359027		62	5.1	12.0	3140	34.6	11
M359028		71	2.1	13.2	98	28.6	<1
M359029		62	2.1	13.5	164	23.8	1
M359030		65	4.6	16.1	3210	24.1	60
M359031		80	3.4	16.0	310	31.1	1
M359032		74	3.0	12.4	152	26.8	1
M359033		75	3.3	11.0	268	28.3	<1
M359034		74	1.6	14.4	100	26.6	<1
M359035		76	1.1	15.6	60	24.8	<1
M359036		72	1.4	17.2	70	28.3	1



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Project: Klaza - 111

Page: Appendix 1  
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Finalized Date: 6-SEP-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12194656**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12195693**

Project: KLAZA

P.O. No.:

This report is for 30 Soil samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 1-SEP-2012  
Account: ROCKHA

Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12195693**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ50601		0.17	0.060	2.6	1.50	15	<10	670	0.6	2	0.23	1.9	3	11	418	1.79
ZZ50602		0.25	0.079	1.1	1.38	29	<10	300	<0.5	3	0.19	0.8	6	17	194	2.95
ZZ50603		0.46	0.032	0.7	1.29	14	<10	290	<0.5	<2	0.17	<0.5	4	16	142	2.10
ZZ50604		0.23	0.039	2.4	2.68	25	<10	290	0.7	<2	0.20	0.8	5	33	146	3.88
ZZ50605		0.28	NSS	0.9	1.12	35	<10	410	0.5	2	0.33	0.6	6	17	219	3.33
ZZ50606		0.24	0.920	2.7	1.62	22	<10	690	0.6	<2	0.38	<0.5	5	13	226	3.07
ZZ50607		0.34	0.033	1.1	1.06	42	<10	410	0.5	<2	0.23	1.1	9	11	159	3.68
ZZ50608		0.31	0.028	0.7	1.09	23	<10	480	<0.5	<2	0.28	1.1	6	17	77	2.23
ZZ50609		0.27	0.016	1.0	1.50	31	<10	650	0.8	<2	0.25	0.9	7	20	109	2.89
ZZ50610		0.34	0.041	0.8	1.32	20	<10	300	<0.5	<2	0.57	1.0	7	16	151	2.47
ZZ50611		0.35	0.115	1.1	1.33	45	<10	450	0.6	<2	0.47	0.6	11	15	214	3.66
ZZ50612		0.34	0.033	0.6	1.58	22	<10	400	0.5	<2	0.39	<0.5	7	25	102	3.09
ZZ50613		0.25	0.014	0.4	1.18	9	<10	250	<0.5	2	0.33	<0.5	6	16	24	2.22
ZZ50614		0.35	0.014	0.2	1.34	11	<10	200	<0.5	<2	0.35	<0.5	6	20	21	2.29
ZZ50615		0.24	<0.005	<0.2	0.22	<2	<10	20	<0.5	<2	0.19	<0.5	4	5	2	2.08
ZZ50616		0.25	<0.005	0.2	1.02	4	<10	180	<0.5	<2	0.42	<0.5	4	13	16	1.71
ZZ50617		0.29	0.007	0.2	1.45	10	<10	220	<0.5	<2	0.33	<0.5	6	20	23	2.29
ZZ50618		0.25	0.032	0.7	1.33	14	<10	230	<0.5	<2	0.39	<0.5	5	16	24	1.99
ZZ50619		0.29	0.017	0.6	1.10	12	<10	230	<0.5	2	0.22	<0.5	6	18	23	2.13
ZZ50620		0.31	0.015	0.7	1.46	11	<10	210	<0.5	<2	0.22	<0.5	5	23	34	2.18
ZZ50641		0.21	<0.005	0.2	1.17	12	<10	210	<0.5	<2	1.11	<0.5	8	21	34	2.13
ZZ50642		0.28	<0.005	0.4	2.57	18	<10	90	<0.5	<2	0.50	<0.5	19	21	41	4.27
ZZ50643		0.15	<0.005	0.3	0.51	2	<10	30	<0.5	<2	0.10	0.5	3	5	11	1.11
ZZ50644		0.32	<0.005	0.2	0.90	6	<10	80	<0.5	<2	0.28	<0.5	4	13	11	1.78
ZZ50645		0.25	0.007	0.5	1.65	22	<10	90	<0.5	<2	0.18	<0.5	7	19	20	2.03
ZZ50646		0.40	0.022	0.5	1.77	20	<10	150	<0.5	<2	0.29	1.0	10	24	37	2.62
ZZ50647		0.48	0.049	0.4	1.46	21	<10	150	<0.5	<2	0.28	1.4	8	23	24	2.43
ZZ50648		0.21	0.116	0.5	0.96	14	<10	140	<0.5	<2	0.72	<0.5	6	14	27	1.91
ZZ50649		0.28	0.162	0.6	1.44	28	<10	200	<0.5	<2	0.54	<0.5	10	20	32	2.68
ZZ50650		0.33	0.020	0.2	1.28	20	<10	160	<0.5	<2	0.64	<0.5	8	15	19	2.43



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Account: ROCKHA

Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12195693**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	Hg-CV41 Hg ppm 0.01	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50601		<10	0.18	0.08	20	0.16	142	7	0.03	6	780	34	0.03	2	2	31
ZZ50602		10	0.04	0.12	10	0.31	260	11	0.02	7	590	39	0.05	5	2	28
ZZ50603		<10	0.07	0.09	10	0.30	174	5	0.02	8	320	24	0.01	3	3	18
ZZ50604		10	0.10	0.12	10	0.50	248	7	0.01	13	420	33	0.02	2	4	21
ZZ50605		<10	0.06	0.12	20	0.35	283	16	0.02	9	570	45	0.02	8	4	28
ZZ50606		<10	0.26	0.14	10	0.24	269	10	0.02	7	1040	39	0.04	4	4	48
ZZ50607		<10	0.08	0.11	10	0.31	247	19	0.02	7	680	50	0.04	3	3	33
ZZ50608		<10	0.07	0.07	10	0.28	394	4	0.02	9	660	31	0.01	2	3	26
ZZ50609		10	0.07	0.09	20	0.26	394	6	0.01	12	690	43	0.01	7	3	24
ZZ50610		<10	0.13	0.08	10	0.44	345	3	0.02	8	710	41	0.02	5	4	64
ZZ50611		<10	0.12	0.11	20	0.51	632	6	0.02	10	880	90	0.02	8	6	53
ZZ50612		10	0.10	0.08	20	0.46	321	3	0.02	13	600	23	0.02	4	4	38
ZZ50613		<10	0.06	0.06	10	0.35	297	2	0.02	7	630	10	0.02	2	3	27
ZZ50614		10	0.05	0.05	10	0.37	251	1	0.02	8	520	11	0.01	<2	3	28
ZZ50615		<10	0.01	0.02	<10	0.05	93	1	0.04	1	570	<2	<0.01	<2	<1	15
ZZ50616		<10	0.08	0.04	10	0.25	248	2	0.03	6	690	5	0.05	<2	2	32
ZZ50617		<10	0.05	0.05	10	0.41	364	2	0.02	9	740	8	0.03	<2	3	28
ZZ50618		<10	0.11	0.06	10	0.32	259	2	0.03	7	730	11	0.04	<2	3	32
ZZ50619		<10	0.05	0.06	10	0.34	428	2	0.02	7	470	26	0.01	2	2	20
ZZ50620		10	0.08	0.07	10	0.38	343	3	0.01	11	480	22	<0.01	2	3	17
ZZ50641		<10	0.08	0.04	10	0.36	921	3	0.02	11	930	7	0.07	<2	3	54
ZZ50642		10	0.03	0.09	10	1.16	479	3	0.04	12	590	18	0.01	<2	5	35
ZZ50643		<10	0.03	0.03	<10	0.05	114	1	0.04	3	260	<2	<0.01	<2	1	13
ZZ50644		<10	0.01	0.04	10	0.20	162	1	0.03	6	390	3	<0.01	<2	1	17
ZZ50645		<10	0.05	0.06	10	0.34	268	1	0.01	17	410	22	0.01	<2	2	15
ZZ50646		<10	0.03	0.08	10	0.60	520	1	0.01	15	490	47	0.01	<2	4	21
ZZ50647		<10	0.02	0.07	10	0.54	444	1	0.01	12	410	61	0.01	<2	4	21
ZZ50648		<10	0.06	0.04	10	0.34	272	<1	0.02	6	720	12	0.07	<2	3	38
ZZ50649		<10	0.05	0.07	10	0.55	537	2	0.02	13	580	25	0.03	<2	4	40
ZZ50650		<10	0.04	0.06	10	0.43	332	1	0.02	7	580	7	0.03	<2	4	38



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Project: KLAZA

**CERTIFICATE OF ANALYSIS WH12195693**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ50601		<20	0.02	<10	<10	31	<10	84
ZZ50602		<20	0.04	<10	<10	55	<10	103
ZZ50603		<20	0.04	<10	<10	40	<10	70
ZZ50604		<20	0.06	<10	<10	72	<10	130
ZZ50605		<20	0.04	<10	<10	49	<10	139
ZZ50606		<20	0.02	<10	<10	56	<10	118
ZZ50607		<20	0.03	<10	<10	51	<10	183
ZZ50608		<20	0.04	<10	<10	40	<10	124
ZZ50609		<20	0.04	<10	<10	55	<10	91
ZZ50610		<20	0.05	<10	<10	52	<10	118
ZZ50611		<20	0.05	<10	<10	64	<10	155
ZZ50612		<20	0.05	<10	<10	59	<10	68
ZZ50613		<20	0.05	<10	<10	50	<10	57
ZZ50614		<20	0.06	<10	<10	57	<10	41
ZZ50615		<20	0.11	<10	<10	79	<10	29
ZZ50616		<20	0.05	<10	<10	46	<10	30
ZZ50617		<20	0.06	<10	<10	56	<10	40
ZZ50618		<20	0.04	<10	<10	41	<10	51
ZZ50619		<20	0.05	<10	<10	45	<10	63
ZZ50620		<20	0.05	<10	<10	44	<10	63
ZZ50641		<20	0.06	<10	<10	47	<10	37
ZZ50642		<20	0.21	<10	<10	117	<10	72
ZZ50643		<20	0.06	<10	<10	35	<10	15
ZZ50644		<20	0.08	<10	<10	49	<10	34
ZZ50645		<20	0.06	<10	<10	41	<10	63
ZZ50646		<20	0.08	<10	<10	57	<10	229
ZZ50647		<20	0.09	<10	<10	54	<10	234
ZZ50648		<20	0.08	<10	<10	59	<10	64
ZZ50649		<20	0.08	<10	<10	67	<10	94
ZZ50650		<20	0.07	<10	<10	62	<10	46



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**CERTIFICATE OF ANALYSIS WH12195693**

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.





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**CERTIFICATE WH12197781**

Project: Klaza - 110

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
JARED TARSWELL

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12197781**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358149		3.68	0.330	1.44	7.18	77.0	1290	1.60	5.24	1.79	2.53	60.0	7.6	7	14.45	15.0
M358150		5.96	0.186	1.12	7.28	46.1	1170	1.49	2.88	2.35	4.37	59.0	7.2	8	11.95	14.9
M358151		3.93	0.111	1.06	7.12	31.4	900	1.29	3.35	1.94	2.66	56.9	7.9	6	8.95	25.4
M358152		7.69	0.042	1.49	7.23	19.4	1460	1.31	7.56	1.83	4.79	61.6	7.9	7	11.45	31.5
M358153		5.17	0.115	1.09	7.40	24.5	1200	1.31	2.37	1.63	5.38	61.3	8.3	6	9.81	36.9
M358154		2.47	0.061	0.90	8.32	25.4	1380	1.22	1.85	0.79	3.59	52.4	7.2	7	9.34	36.5
M358155		5.14	1.495	2.76	7.82	652	330	1.16	7.43	1.48	1.77	62.8	4.0	6	11.85	202
M358156		0.26	4.39	>100	5.65	6940	170	1.10	58.7	2.05	241	33.7	8.6	18	11.20	1410
M358157		3.03	0.893	3.43	6.72	599	650	1.31	5.01	1.85	21.3	41.5	18.6	6	16.65	150.5
M358158		5.18	0.061	0.43	7.55	47.5	1910	1.20	1.38	1.96	0.74	51.5	5.4	7	14.70	14.5
M358159		3.20	1.400	2.77	6.85	2100	270	1.29	8.53	2.11	3.01	46.8	7.1	7	12.45	49.5
M358160		2.93	<0.005	0.03	0.17	7	30	0.18	0.04	20.7	0.08	2.17	1.9	<1	0.57	4.1
M358161		3.57	0.064	0.71	7.18	51.0	1770	1.33	1.54	2.30	2.42	44.6	4.3	7	10.50	38.9
M358162		5.98	0.011	0.29	7.65	43.3	2370	1.27	0.83	1.97	1.05	53.9	3.2	8	12.10	16.9
M358163		2.59	0.375	0.80	7.02	649	1000	1.20	1.79	1.93	1.06	53.4	11.2	7	8.79	31.8
M358164		3.35	0.020	0.13	8.05	23.2	2070	1.16	0.45	1.35	0.21	54.9	3.8	9	10.90	15.7
M358165		1.60	0.009	0.15	7.92	19.6	1890	1.22	0.55	1.37	0.21	54.9	3.8	9	12.35	16.4
M358166		3.31	0.016	0.36	7.75	45.6	2310	1.07	0.85	1.60	0.35	44.0	6.7	8	11.75	25.6
M358167		3.86	0.086	0.24	7.05	87.5	1910	1.16	0.50	2.35	0.54	41.1	3.6	7	9.22	18.6
M358168		3.14	0.054	0.95	8.13	48.3	2150	1.56	2.86	1.79	1.50	47.3	4.9	7	12.05	41.6
M358169		0.26	2.32	24.4	5.62	3160	380	1.11	18.65	2.08	72.6	38.7	10.4	17	12.80	402
M358170		5.62	0.011	0.47	7.76	23.6	2210	1.26	0.83	1.74	0.92	47.0	3.8	10	12.40	23.7
M358171		4.12	0.028	0.34	7.69	21.3	2230	1.36	0.82	2.32	1.23	41.5	3.1	8	13.05	16.0
M358172		6.19	0.288	1.58	7.43	188.0	700	1.47	3.25	2.19	11.65	43.5	7.6	8	12.90	73.9
M358173		2.87	<0.005	<0.01	0.08	<5	30	0.06	0.02	21.6	0.08	1.36	1.5	<1	0.17	2.1
M358174		6.70	3.18	1.67	6.02	271	340	0.99	3.92	1.66	1.55	36.0	33.4	8	9.79	26.3
M358175		3.13	0.252	1.78	7.89	119.0	240	1.46	4.76	2.03	2.69	49.9	20.5	7	16.85	97.5
M358176		4.59	0.027	0.71	8.15	28.1	1210	1.36	1.50	1.65	1.12	52.4	3.7	7	16.60	50.8
M358177		3.41	0.014	0.97	7.25	56.6	280	1.05	3.19	1.47	1.51	47.1	31.5	6	11.10	8.9
M358178		2.67	0.012	0.69	7.36	32.3	630	1.26	1.44	1.96	2.05	54.4	11.0	7	12.75	15.3
M358179		5.24	0.013	0.62	7.70	27.9	860	1.38	1.17	1.94	1.67	46.7	4.3	9	16.10	56.7
M358180		<0.02	0.015	0.50	7.62	26.3	880	1.26	0.94	1.99	1.36	41.9	3.5	7	14.75	57.4
M358181		6.21	0.872	3.10	6.83	166.5	1180	1.34	3.91	2.90	3.40	46.1	6.3	7	16.05	184.5
M358182		2.98	0.021	0.48	7.18	49.1	1380	1.57	1.55	2.84	1.40	40.9	7.3	6	18.90	14.0
M358183		5.91	0.023	0.17	6.71	12.6	1590	1.54	0.08	3.16	0.13	49.8	6.2	8	16.50	7.4
M358184		6.75	0.046	0.06	7.43	40.6	1430	1.66	0.10	2.85	0.08	57.2	6.8	8	16.60	8.4



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Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12197781**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358149		3.14	16.30	0.17	1.0	0.437	2.80	33.6	18.9	0.79	685	0.91	0.04	6.7	1.9	540
M358150		3.01	17.10	0.18	1.1	0.780	2.55	33.1	21.9	0.95	638	0.35	0.04	6.6	1.6	580
M358151		3.47	14.95	0.13	0.8	0.837	2.58	26.1	22.1	0.93	642	0.38	0.05	5.9	1.3	550
M358152		2.87	17.35	0.14	1.0	0.744	2.32	28.9	28.2	0.81	557	1.02	0.04	7.4	1.8	580
M358153		3.48	17.05	0.15	0.9	0.724	2.27	31.4	21.3	0.70	577	0.37	0.23	6.4	1.7	560
M358154		3.80	16.85	0.14	1.0	0.403	2.27	26.3	32.9	0.54	730	1.25	0.05	7.2	1.9	660
M358155		4.57	15.90	0.16	1.1	0.307	2.13	33.7	55.1	0.65	663	0.65	0.05	7.5	2.0	610
M358156		8.58	13.40	0.19	1.0	4.29	2.45	17.0	34.3	0.66	3320	15.45	0.09	5.7	12.7	470
M358157		5.25	17.85	0.20	1.0	1.080	2.67	20.4	20.0	0.72	1120	2.06	0.04	7.0	2.9	490
M358158		2.93	17.20	0.12	1.2	0.194	3.39	26.7	37.4	0.73	992	0.86	0.10	8.5	2.4	600
M358159		4.85	17.30	0.16	1.0	0.300	3.14	23.6	10.6	0.89	2370	1.24	0.04	7.1	1.9	530
M358160		0.52	0.52	<0.05	<0.1	0.007	0.08	1.1	2.5	12.90	234	0.25	0.01	0.5	4.6	200
M358161		3.33	16.50	0.13	0.9	0.355	2.99	22.6	21.1	0.70	710	0.52	1.48	7.7	1.6	560
M358162		2.88	17.45	0.14	1.3	0.116	3.17	28.5	41.2	0.74	431	0.99	1.43	8.9	2.1	580
M358163		3.66	16.50	0.15	1.1	0.231	2.81	27.9	24.0	0.85	417	1.37	1.02	7.2	3.2	560
M358164		2.74	17.55	0.14	1.2	0.086	3.00	29.1	62.1	0.72	329	1.06	1.15	9.0	2.0	650
M358165		2.98	17.95	0.15	1.2	0.107	2.75	29.3	68.5	0.74	343	0.97	1.25	9.3	1.9	630
M358166		2.65	16.60	0.12	1.0	0.178	2.60	22.7	41.7	0.74	378	0.59	0.63	8.5	2.1	630
M358167		2.59	16.15	0.13	1.0	0.129	2.88	20.4	42.6	0.93	607	1.23	0.83	8.4	1.9	580
M358168		3.78	18.95	0.16	1.1	0.343	3.10	24.6	38.5	0.83	622	0.82	1.47	9.1	3.1	640
M358169		6.36	14.65	0.18	0.9	1.520	2.46	21.0	24.0	0.88	1740	14.45	0.04	6.0	15.8	430
M358170		2.77	17.50	0.14	1.2	0.162	3.06	24.5	31.7	0.60	540	1.28	0.93	9.1	2.4	620
M358171		2.63	17.35	0.14	1.1	0.287	2.90	19.8	44.3	0.83	810	1.62	0.08	8.7	2.3	660
M358172		3.65	18.25	0.18	0.9	0.727	3.36	20.9	11.2	0.88	1570	6.43	0.05	7.7	2.5	580
M358173		0.46	0.25	<0.05	<0.1	0.006	0.03	0.7	1.2	13.35	205	0.21	<0.01	0.4	2.7	190
M358174		4.19	14.30	0.16	0.7	0.315	2.80	16.0	10.0	0.77	983	3.38	0.04	5.5	4.5	480
M358175		5.93	18.80	0.20	0.9	0.613	3.46	22.7	11.4	0.92	1370	2.83	0.05	7.9	3.7	620
M358176		2.85	19.45	0.14	1.0	0.386	2.52	27.3	48.7	0.70	693	0.81	0.19	8.3	1.8	640
M358177		5.95	17.70	0.18	0.6	0.422	1.81	25.3	26.0	0.66	660	0.53	0.34	4.6	2.9	500
M358178		3.11	18.65	0.14	0.8	0.476	2.16	27.0	39.6	0.77	664	4.06	0.05	7.9	3.0	580
M358179		2.50	17.20	0.13	0.9	0.468	2.45	23.1	48.8	0.75	644	2.85	0.06	7.4	2.6	610
M358180		2.37	17.10	0.11	0.9	0.450	2.44	19.9	49.2	0.74	641	2.89	0.05	7.5	2.0	640
M358181		4.47	15.45	0.15	1.3	0.331	2.93	24.3	15.3	1.14	1450	4.58	0.05	6.9	3.0	570
M358182		2.82	17.30	0.13	0.9	0.392	2.54	18.4	31.6	1.12	849	0.94	0.05	7.1	2.8	600
M358183		2.44	18.55	0.14	3.0	0.034	2.71	24.6	36.6	1.03	747	2.22	0.03	10.4	3.8	710
M358184		2.50	18.55	0.15	3.0	0.031	2.84	30.4	33.4	1.05	759	3.88	0.03	10.0	4.1	730



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**CERTIFICATE OF ANALYSIS WH12197781**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358149		111.5	152.5	0.002	1.60	9.66	10.6	2	4.2	116.5	0.57	0.39	14.0	0.194	2.21	4.7
M358150		115.5	118.0	<0.002	1.06	5.95	11.1	2	5.4	172.5	0.56	0.24	13.5	0.197	1.91	3.4
M358151		102.5	119.0	<0.002	1.32	6.23	9.5	2	7.2	147.5	0.48	0.59	13.0	0.192	1.75	4.8
M358152		91.6	105.0	<0.002	1.00	8.55	10.3	2	9.3	142.0	0.59	0.24	13.9	0.208	1.52	4.1
M358153		146.5	103.5	<0.002	1.30	10.70	10.1	1	8.6	118.0	0.53	0.23	13.7	0.194	1.55	4.8
M358154		80.6	83.9	<0.002	1.08	17.05	10.2	1	7.5	52.5	0.60	0.13	14.4	0.245	1.26	3.6
M358155		71.1	82.7	<0.002	2.47	21.4	9.8	2	6.7	183.0	0.62	0.37	13.7	0.241	1.33	4.4
M358156		>10000	121.0	<0.002	7.18	222	7.4	2	8.0	119.0	0.44	0.44	9.2	0.199	2.15	5.9
M358157		552	144.0	<0.002	4.48	18.20	10.4	1	12.5	91.6	0.61	0.23	11.8	0.193	2.47	6.5
M358158		34.2	115.0	<0.002	0.53	10.15	10.3	1	2.6	177.5	0.69	<0.05	13.3	0.251	2.03	4.0
M358159		112.0	176.0	<0.002	3.50	14.65	9.8	1	8.0	85.9	0.58	0.24	12.2	0.216	2.78	5.1
M358160		2.4	4.4	<0.002	0.03	0.10	0.6	1	0.2	41.3	<0.05	<0.05	0.2	0.006	0.04	0.5
M358161		81.5	115.0	<0.002	0.90	3.94	9.4	1	5.0	261	0.59	0.07	12.3	0.238	1.72	3.6
M358162		41.0	106.5	<0.002	0.29	5.65	10.3	1	2.5	301	0.72	<0.05	14.5	0.252	1.44	4.9
M358163		73.0	115.0	<0.002	1.55	7.66	10.1	1	3.5	247	0.60	0.13	13.7	0.212	1.55	5.7
M358164		20.0	105.5	<0.002	0.23	7.35	11.9	1	1.8	314	0.74	<0.05	15.2	0.277	1.35	3.1
M358165		20.9	102.5	<0.002	0.24	9.69	12.9	1	1.8	309	0.70	<0.05	15.3	0.276	1.31	2.9
M358166		24.9	90.0	<0.002	0.66	14.80	10.7	1	1.9	283	0.67	0.07	13.7	0.263	1.49	2.6
M358167		23.8	81.3	<0.002	0.36	10.15	9.2	1	1.7	320	0.63	<0.05	12.1	0.247	2.02	3.3
M358168		42.1	109.5	<0.002	0.71	6.39	11.6	1	4.6	271	0.70	<0.05	14.8	0.254	1.66	3.7
M358169		2710	163.5	0.002	4.64	82.5	8.6	2	7.1	85.7	0.47	0.35	10.0	0.165	2.23	5.0
M358170		37.6	104.5	<0.002	0.34	18.55	11.0	1	2.9	218	0.72	<0.05	14.6	0.266	1.36	3.9
M358171		39.0	97.8	<0.002	0.38	17.45	11.2	1	3.5	156.5	0.66	<0.05	12.8	0.277	2.02	3.9
M358172		128.0	210	<0.002	2.31	15.70	12.5	1	8.5	70.1	0.61	0.13	11.9	0.226	3.31	4.5
M358173		1.9	1.3	<0.002	0.02	0.08	0.3	1	0.2	47.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M358174		81.7	183.5	<0.002	3.21	9.48	8.3	2	5.2	61.1	0.42	0.29	10.2	0.171	2.63	4.4
M358175		74.9	171.0	<0.002	4.21	16.60	12.8	2	5.0	87.0	0.55	0.37	13.2	0.230	3.32	5.8
M358176		39.3	120.5	<0.002	0.62	22.3	11.5	1	3.4	157.0	0.64	0.05	15.1	0.236	2.13	3.1
M358177		55.2	87.2	<0.002	4.29	10.60	9.0	2	3.0	100.0	0.32	0.39	10.3	0.166	1.59	4.5
M358178		50.9	99.8	<0.002	1.49	15.50	11.4	2	3.7	91.3	0.61	0.15	13.4	0.221	1.92	4.8
M358179		45.8	112.5	<0.002	0.70	27.5	10.6	1	4.0	131.0	0.58	0.09	13.6	0.224	2.25	4.1
M358180		40.4	100.5	<0.002	0.57	27.9	10.1	1	3.8	129.0	0.57	0.07	12.5	0.230	2.11	3.8
M358181		162.5	139.0	<0.002	1.41	49.8	8.7	1	3.4	135.5	0.51	0.16	11.5	0.214	2.71	6.1
M358182		47.8	109.5	<0.002	0.61	7.50	10.7	2	3.2	143.5	0.56	0.06	12.3	0.222	2.77	3.7
M358183		21.7	116.5	<0.002	0.19	7.64	6.9	1	1.3	418	0.72	<0.05	8.5	0.263	2.72	5.3
M358184		21.5	156.0	<0.002	0.46	10.40	7.3	2	1.3	535	0.72	<0.05	10.6	0.259	3.11	6.9



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M358149		66	2.5	15.1	214	26.3	2		
M358150		83	2.6	14.7	347	27.0	2		
M358151		63	2.1	16.1	251	22.3	2		
M358152		61	2.5	16.2	465	27.3	2		
M358153		69	2.5	15.0	472	25.5	1		
M358154		74	2.3	13.3	354	29.0	1		
M358155		66	4.1	12.8	205	30.4	3		
M358156		57	4.4	8.8	>10000	32.0	126	0.986	1.630
M358157		63	7.6	14.7	1800	27.2	3		
M358158		68	2.9	14.5	91	33.4	<1		
M358159		61	6.6	12.0	313	28.1	2		
M358160		3	0.1	1.0	16	0.6	<1		
M358161		65	1.8	13.9	245	28.1	1		
M358162		67	7.4	15.8	103	35.3	<1		
M358163		65	7.4	16.2	103	28.8	1		
M358164		74	19.8	15.5	59	32.2	<1		
M358165		79	20.8	15.7	63	33.5	<1		
M358166		71	12.4	13.5	70	28.8	<1		
M358167		64	12.9	14.4	84	30.3	<1		
M358168		73	4.0	15.4	178	31.2	1		
M358169		53	4.9	9.6	5070	24.4	27		
M358170		69	3.9	15.9	98	32.5	<1		
M358171		78	4.9	13.2	144	30.7	<1		
M358172		67	3.8	13.5	1020	23.9	1		
M358173		1	0.1	0.8	19	<0.5	<1		
M358174		55	3.3	12.6	168	19.1	1		
M358175		89	3.6	16.4	304	24.8	2		
M358176		72	1.8	15.5	137	30.3	<1		
M358177		93	1.1	13.4	129	17.5	<1		
M358178		70	1.8	14.2	207	23.6	<1		
M358179		68	2.0	14.2	186	26.0	<1		
M358180		68	2.0	13.5	163	24.8	<1		
M358181		65	7.1	13.3	364	44.3	2		
M358182		70	1.9	15.3	160	24.6	<1		
M358183		66	3.2	13.7	70	117.5	<1		
M358184		64	6.3	13.9	65	113.5	<1		



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Project: Klaza - 110

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**CERTIFICATE OF ANALYSIS WH12197781**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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Finalized Date: 8-SEP-2012  
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**CERTIFICATE WH12197782**

Project: Klaza - 110

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
JARED TARSWELL

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 8-SEP-2012  
Account: ROCKHA

Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12197782**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358185		3.45	0.038	0.23	6.90	68.2	1720	1.72	0.16	3.02	0.24	50.6	6.4	7	18.20	11.2
M358186		2.74	0.014	0.43	6.93	50.9	690	1.59	1.32	2.28	0.69	36.5	7.1	6	18.65	23.7
M358187		3.62	0.030	0.98	6.77	61.4	1010	1.29	3.09	2.38	0.75	37.7	20.9	6	15.95	56.7
M358188		0.26	2.27	24.9	5.71	3070	410	1.26	18.60	2.17	74.2	38.7	9.9	16	13.65	418
M358189		3.44	0.170	3.40	6.10	134.5	850	1.21	1.98	2.13	1.16	30.9	20.8	8	13.60	815
M358190		3.91	0.043	0.82	6.95	120.0	950	1.29	1.41	2.27	1.25	34.8	8.6	7	13.25	87.7
M358191		2.83	0.091	1.99	6.69	118.5	620	1.31	5.51	2.21	4.82	38.2	12.5	7	11.55	71.8
M358192		2.79	<0.005	0.02	0.06	<5	20	<0.05	0.04	20.4	0.07	1.12	0.6	<1	0.16	2.7
M358193		4.65	0.112	1.28	6.67	62.0	690	1.45	2.41	2.46	1.86	32.7	10.3	7	10.25	115.0
M358194		4.60	0.024	0.40	6.90	21.1	1260	1.60	1.30	2.79	0.65	41.8	4.0	8	10.65	34.1
M358195		4.09	<0.005	0.62	7.07	31.5	1010	1.56	1.31	2.69	1.12	41.5	4.2	9	10.60	62.5
M358196		2.70	0.070	1.92	7.06	38.5	670	1.44	2.04	2.25	1.69	46.3	13.5	7	10.80	292
M358197		2.57	0.076	1.64	7.75	42.3	720	1.61	1.62	2.20	0.92	48.1	8.5	7	12.40	238
M358198		3.90	0.119	1.30	7.41	54.5	480	1.44	1.95	2.07	1.92	44.2	10.4	8	9.17	120.0
M358199		4.56	0.313	1.14	7.47	62.4	610	1.49	1.80	2.64	2.91	45.0	4.8	7	9.49	79.8
M358200		<0.02	0.285	1.24	7.51	72.7	600	1.45	1.79	2.63	3.21	45.9	4.3	8	10.05	90.9
M358201		4.19	0.149	1.21	7.68	72.3	990	1.53	2.30	2.12	2.72	43.4	9.8	9	8.63	42.6
M358202		2.79	0.048	0.53	7.71	15.5	750	1.64	1.37	1.87	0.89	45.6	8.3	7	11.10	10.7
M358203		3.27	0.024	0.30	7.54	14.6	1440	1.36	0.75	2.09	0.67	40.5	5.5	8	16.25	31.3
M358204		2.37	0.005	0.16	7.70	20.1	1460	1.36	0.33	3.10	0.67	63.7	4.8	6	12.40	8.6
M358205		3.04	0.071	1.12	7.72	90.1	840	1.60	2.41	1.56	1.53	54.1	5.6	6	15.10	60.6
M358206		3.68	0.062	0.65	7.90	25.0	1160	1.62	1.36	2.42	0.95	58.1	4.3	7	10.65	41.0
M358207		1.93	0.029	0.54	7.80	31.4	1290	1.69	1.22	2.53	0.96	53.8	6.2	7	11.10	31.6
M358208		2.49	0.033	0.95	8.04	36.0	1270	1.48	1.64	2.46	1.92	45.8	6.1	7	8.77	64.1
M358209		7.80	0.065	0.51	7.84	24.9	1740	1.41	0.94	2.46	0.64	43.7	5.2	10	10.25	37.1
M358210		2.69	0.171	0.75	7.62	44.1	2210	1.49	1.56	2.75	1.99	54.6	7.4	10	10.40	58.1
M358211		3.18	0.181	0.63	7.82	38.6	1770	1.60	1.30	2.39	0.70	51.9	10.1	9	14.50	22.7
M358212		4.80	0.048	0.76	7.42	30.9	1030	1.28	2.08	2.30	1.16	37.0	15.2	10	8.08	83.5
M358213		3.17	0.081	1.43	7.50	39.8	1720	1.57	7.18	2.43	1.04	45.0	26.7	11	11.20	147.0
M358214		8.21	0.014	0.51	7.61	24.5	2160	1.54	1.14	2.62	1.12	50.7	9.8	9	10.25	16.0
M358215		0.26	4.20	>100	5.68	7220	190	1.21	64.5	2.09	232	32.7	9.5	17	11.50	1325
M358216		6.70	0.007	0.32	7.87	17.8	2300	1.66	0.55	2.76	1.23	52.0	6.7	10	10.35	13.4
M358217		2.98	0.037	0.56	7.98	83.8	1120	1.62	1.04	2.25	2.37	51.7	9.5	8	17.90	11.6
M358218		2.68	0.054	1.01	7.56	90.9	640	1.64	2.04	2.41	3.61	54.8	12.3	6	17.20	13.7
M358219		2.22	<0.005	0.01	0.08	<5	30	<0.05	0.02	21.9	0.09	1.24	0.7	<1	0.23	1.7
M358220		3.38	0.025	0.96	7.51	91.2	1120	1.35	12.70	2.51	1.06	53.1	6.6	7	20.2	98.4





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Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12197782**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358185		2.41	16.75	0.13	3.6	0.041	2.90	26.9	22.2	1.00	778	2.93	0.04	9.5	3.6	670
M358186		2.45	14.70	0.11	1.0	0.382	2.10	17.1	47.3	0.80	629	1.08	0.06	6.5	2.1	580
M358187		2.83	15.30	0.13	1.2	0.459	2.17	16.5	25.5	0.81	530	1.67	0.43	6.4	3.1	580
M358188		6.28	12.65	0.08	1.0	1.605	2.52	20.1	22.7	0.87	1820	12.45	0.04	5.6	12.9	430
M358189		2.55	13.80	0.10	0.8	0.741	1.82	13.2	10.5	0.59	493	0.84	1.74	5.3	3.8	500
M358190		2.59	15.90	0.10	0.9	0.475	2.05	15.8	22.2	0.57	521	0.83	1.54	6.5	2.5	560
M358191		3.53	15.50	0.11	0.9	0.439	2.27	16.3	21.2	0.66	655	0.78	0.94	6.7	2.1	510
M358192		0.45	0.21	0.10	<0.1	0.006	0.02	0.5	1.0	12.55	198	0.13	0.01	0.1	1.2	170
M358193		2.72	16.00	0.13	0.8	0.421	1.59	13.0	12.6	0.51	497	1.08	2.02	7.3	2.9	550
M358194		2.41	15.95	0.15	1.0	0.295	1.60	18.6	14.6	0.74	448	0.83	2.56	7.9	2.1	570
M358195		2.71	15.85	0.12	1.1	0.336	1.47	18.7	15.0	0.77	461	1.05	2.42	7.8	2.3	570
M358196		3.61	17.00	0.09	0.8	0.725	1.62	21.4	14.1	0.72	468	1.20	1.72	5.3	9.4	540
M358197		2.45	16.80	0.10	1.0	0.590	1.86	21.2	16.4	0.64	475	0.59	1.70	6.5	3.9	580
M358198		3.38	17.95	0.12	0.9	0.435	1.90	19.3	18.8	0.66	523	0.62	1.71	6.1	3.4	580
M358199		3.15	16.95	0.09	1.0	0.347	1.97	20.6	16.7	0.73	547	0.77	1.88	6.6	2.3	600
M358200		3.20	17.25	0.11	1.0	0.350	2.03	21.1	17.8	0.75	561	0.76	1.81	6.9	2.3	590
M358201		3.10	17.40	0.12	0.9	0.406	2.59	18.4	17.4	0.62	501	1.74	1.54	6.4	3.0	570
M358202		2.65	18.15	0.13	1.1	0.384	1.95	20.4	33.2	0.70	426	0.68	1.16	7.3	1.9	650
M358203		2.85	16.85	0.10	1.0	0.380	2.21	18.2	21.4	0.76	451	0.61	1.99	6.3	3.2	610
M358204		3.04	16.90	0.14	1.2	0.085	2.36	34.1	44.1	1.03	667	1.41	0.10	8.2	2.1	610
M358205		3.82	17.25	0.11	1.0	0.321	2.62	28.9	29.2	0.76	898	4.83	0.04	7.3	2.6	570
M358206		2.79	16.45	0.15	0.9	0.389	2.77	27.5	18.5	0.58	499	1.75	1.20	7.3	1.7	560
M358207		2.88	16.60	0.13	1.0	0.376	2.64	25.9	15.1	0.63	487	3.23	1.76	7.5	2.3	560
M358208		3.16	17.55	0.13	0.8	0.349	2.39	20.0	12.9	0.66	500	1.42	2.34	6.7	2.1	640
M358209		2.98	17.15	0.12	1.1	0.269	2.56	22.0	14.4	0.72	479	4.27	2.52	7.6	2.4	640
M358210		3.45	17.15	0.16	1.0	0.282	2.96	28.2	18.6	0.85	538	3.10	1.45	7.5	2.8	620
M358211		3.35	16.60	0.15	1.0	0.335	2.44	27.0	13.5	0.87	498	2.34	2.42	7.2	3.0	630
M358212		3.13	15.85	0.12	0.9	0.325	1.80	15.8	12.8	0.94	598	2.35	2.78	6.6	6.3	520
M358213		3.54	17.55	0.12	1.0	0.412	2.26	19.0	16.6	0.90	568	1.30	2.40	8.0	3.8	570
M358214		3.15	16.65	0.14	1.0	0.145	2.82	27.5	13.3	0.78	513	2.39	1.99	7.5	2.6	570
M358215		8.27	13.10	0.13	1.1	4.87	2.38	16.1	32.1	0.64	3260	14.95	0.08	5.3	13.1	460
M358216		3.12	18.40	0.11	1.1	0.180	2.71	27.0	14.1	0.73	479	1.54	1.97	8.2	2.9	610
M358217		3.18	16.75	0.09	1.0	0.473	2.68	27.9	19.8	0.88	810	1.80	0.07	7.3	2.8	600
M358218		3.72	17.65	0.11	1.0	0.683	2.95	28.6	10.7	0.94	863	7.49	0.06	7.5	3.9	590
M358219		0.48	0.27	0.12	<0.1	<0.005	0.03	0.6	1.1	13.20	224	0.20	0.01	0.2	1.4	200
M358220		3.46	16.65	0.16	0.9	0.223	2.71	28.4	11.0	1.00	648	4.00	0.07	6.9	2.4	550



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Account: ROCKHA

Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12197782**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358185		20.1	151.0	<0.002	0.49	9.02	7.3	1	1.3	229	0.77	<0.05	9.7	0.267	6.0
M358186		29.2	94.2	0.002	0.53	19.50	9.2	1	2.8	139.5	0.56	0.05	13.0	0.209	2.8
M358187		46.9	100.0	0.002	1.40	22.3	9.2	2	3.8	139.0	0.56	0.32	11.2	0.195	3.5
M358188		2690	156.0	0.003	4.47	83.6	7.2	1	7.1	83.0	0.47	0.42	10.4	0.173	4.8
M358189		43.6	98.8	0.002	1.16	45.1	8.4	1	4.1	256	0.45	0.23	10.6	0.170	2.6
M358190		39.0	100.0	0.002	0.96	12.90	9.1	1	5.2	212	0.56	0.19	12.2	0.201	2.4
M358191		160.5	113.5	<0.002	2.07	8.75	8.8	1	7.8	137.5	0.57	0.38	12.8	0.206	3.7
M358192		1.7	1.3	<0.002	<0.01	0.14	0.2	1	0.2	42.6	<0.05	<0.05	<0.2	<0.005	0.6
M358193		75.9	77.8	0.004	1.12	3.36	9.4	1	6.7	244	0.59	0.66	11.6	0.220	2.9
M358194		24.8	68.4	0.002	0.47	2.39	9.8	2	3.8	394	0.66	0.10	12.0	0.239	3.1
M358195		39.8	68.9	<0.002	0.63	2.90	9.9	1	5.0	378	0.64	0.09	12.7	0.233	3.3
M358196		59.4	87.1	0.002	2.04	6.40	9.8	2	4.7	240	0.45	0.24	13.2	0.178	3.2
M358197		45.6	85.9	<0.002	0.97	30.2	9.8	1	4.9	259	0.56	0.27	13.5	0.211	3.9
M358198		61.1	89.9	<0.002	1.60	7.91	9.7	1	8.6	216	0.48	0.29	12.0	0.206	3.1
M358199		96.1	92.4	<0.002	1.04	5.39	9.8	1	5.5	260	0.54	0.07	11.4	0.234	3.9
M358200		103.5	102.5	<0.002	1.02	5.99	10.2	1	6.1	248	0.55	0.10	11.3	0.236	3.8
M358201		106.0	125.0	0.002	1.37	5.35	9.7	1	5.0	220	0.52	0.25	12.2	0.209	4.1
M358202		37.4	81.8	<0.002	0.75	6.78	10.5	1	4.6	237	0.62	0.17	13.1	0.237	5.1
M358203		31.2	91.7	<0.002	0.42	11.25	9.7	1	2.9	314	0.57	0.07	12.6	0.219	3.7
M358204		21.0	96.9	<0.002	0.19	13.50	10.3	2	1.8	209	0.66	<0.05	14.3	0.247	4.5
M358205		71.4	134.0	0.002	1.29	16.90	10.6	1	4.6	87.2	0.59	0.20	13.3	0.242	4.8
M358206		41.7	121.0	0.002	0.57	6.14	9.2	1	4.8	191.5	0.57	0.05	12.2	0.244	3.9
M358207		44.2	115.5	<0.002	0.73	4.81	10.0	2	5.2	273	0.57	0.13	12.6	0.249	3.9
M358208		64.0	97.4	<0.002	1.01	5.72	10.5	1	5.7	304	0.53	0.19	11.8	0.248	3.8
M358209		40.0	91.2	<0.002	0.60	5.09	10.6	1	5.2	400	0.60	0.10	12.0	0.271	3.5
M358210		51.1	99.0	<0.002	0.99	7.15	10.9	1	5.4	319	0.56	0.17	11.2	0.262	4.7
M358211		68.7	105.5	<0.002	1.17	3.62	10.6	1	4.7	367	0.59	0.07	13.4	0.256	4.5
M358212		46.1	85.1	0.002	1.28	2.86	9.3	1	6.9	319	0.58	0.20	12.8	0.242	3.8
M358213		52.6	86.1	0.002	1.38	2.36	10.5	2	5.5	352	0.61	0.19	12.7	0.249	4.2
M358214		41.0	95.7	<0.002	0.69	2.55	10.3	2	3.4	356	0.61	0.20	12.5	0.247	4.4
M358215		9980	133.5	0.002	7.16	223	7.2	1	8.7	120.5	0.44	0.47	8.2	0.192	5.2
M358216		63.2	89.4	<0.002	0.39	3.59	10.9	1	3.0	394	0.65	<0.05	12.7	0.267	4.3
M358217		144.5	107.5	<0.002	1.04	12.45	10.0	2	3.6	110.5	0.63	0.09	13.1	0.259	6.2
M358218		264	127.0	0.002	2.23	10.15	10.3	2	7.1	88.8	0.59	0.30	12.8	0.249	6.2
M358219		2.0	1.2	<0.002	<0.01	0.07	0.2	1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.7
M358220		82.9	113.5	<0.002	1.50	13.60	9.7	4	6.0	107.5	0.55	0.10	12.8	0.231	4.1



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 Account: ROCKHA

Project: Klaza - 110

**CERTIFICATE OF ANALYSIS WH12197782**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358185		63	7.4	14.6	68	124.5	<1	
M358186		67	1.8	13.9	86	23.5	<1	
M358187		65	1.9	12.9	83	29.8	1	
M358188		53	5.0	9.2	5120	22.4	26	
M358189		58	1.8	10.5	135	17.9	4	
M358190		60	2.1	12.9	113	20.8	<1	
M358191		61	3.0	12.6	380	19.0	2	
M358192		2	0.1	0.7	12	<0.5	<1	
M358193		62	1.7	12.8	165	18.9	1	
M358194		65	1.1	15.0	69	23.1	<1	
M358195		64	1.3	15.1	96	24.0	1	
M358196		66	1.2	15.0	155	20.4	2	
M358197		61	1.9	15.1	91	24.1	1	
M358198		61	2.5	13.7	170	20.0	1	
M358199		71	2.2	13.7	257	23.8	1	
M358200		71	2.3	14.4	272	24.6	1	
M358201		61	2.3	13.5	223	20.6	1	
M358202		74	2.1	15.4	100	26.8	<1	
M358203		71	2.4	14.3	89	25.1	<1	
M358204		65	7.2	18.3	77	30.1	<1	
M358205		67	4.3	14.0	147	24.5	1	
M358206		59	2.4	15.7	95	22.2	<1	
M358207		61	2.3	16.6	102	23.4	<1	
M358208		71	2.2	15.4	188	21.2	1	
M358209		70	2.0	14.8	88	25.6	<1	
M358210		72	2.2	17.9	169	24.6	1	
M358211		70	1.7	17.3	93	24.5	1	
M358212		63	2.5	14.9	131	21.6	1	
M358213		68	1.1	17.4	123	25.0	7	
M358214		65	1.6	15.9	120	24.9	1	
M358215		52	4.7	8.9	>10000	31.5	120	1.580
M358216		70	1.4	17.0	153	28.3	1	
M358217		70	2.7	16.2	330	23.9	1	
M358218		69	3.3	17.9	484	24.1	1	
M358219		3	0.1	0.8	16	<0.5	<1	
M358220		64	2.8	14.9	151	23.0	1	



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**CERTIFICATE OF ANALYSIS WH12197782**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12197783**

Project: Klaza -110

P.O. No.: Batch 9

This report is for 14 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
JARED TARSWELL

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12197783**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358221		6.41	0.017	1.42	7.61	53.5	1400	1.16	1.03	1.90	1.01	46.3	7.9	9	8.48	303
M358222		2.13	0.010	5.11	7.28	24.1	1370	1.09	0.78	1.96	0.97	38.1	7.2	7	7.22	1150
M358223		3.54	0.008	0.35	8.15	19.3	1620	1.05	0.58	0.88	0.77	55.1	7.6	8	9.26	34.9
M358224		3.75	0.040	0.71	7.68	27.4	1760	1.11	1.41	1.11	1.48	52.3	19.7	8	8.64	73.6
M358225		0.26	4.46	>100	5.35	8120	940	0.98	57.5	2.11	226	32.5	10.1	19	11.25	1265
M358226		3.92	0.048	1.12	7.48	68.1	1300	1.12	1.73	1.33	1.98	50.6	21.5	7	9.71	31.0
M358227		3.65	0.028	0.39	7.86	17.6	2380	1.31	0.90	1.45	2.81	51.5	6.2	7	13.25	39.6
M358228		3.29	0.056	1.84	6.62	77.4	930	1.30	4.16	2.63	3.74	54.9	18.9	7	12.55	94.6
M358229		2.81	<0.005	0.03	0.11	<5	30	0.05	0.03	22.1	0.10	1.50	1.2	<1	0.25	5.6
M358230		2.62	0.062	1.07	7.60	40.9	780	1.33	1.84	1.64	1.58	45.3	6.0	8	12.45	101.0
M358231		2.62	0.009	0.48	7.22	24.4	1670	1.09	1.02	1.78	0.84	40.3	4.5	7	10.05	23.2
M358232		3.08	<0.005	0.18	7.33	10.6	1890	1.48	0.35	2.26	0.38	44.1	7.2	8	12.30	15.5
M358233		<0.02	<0.005	0.19	7.21	8.7	1880	1.52	0.35	2.32	0.35	43.7	7.7	8	12.40	10.6
M358234		8.31	0.012	0.18	6.98	14.4	1930	1.44	0.35	2.79	0.26	38.9	7.4	10	9.92	12.1



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**CERTIFICATE OF ANALYSIS WH12197783**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358221		3.07	18.50	0.07	0.9	0.208	1.96	24.5	36.5	0.72	590	3.75	0.07	8.2	2.9	620
M358222		2.56	17.95	0.08	1.0	0.228	1.81	18.8	42.6	0.67	536	4.28	0.07	8.7	2.7	640
M358223		3.05	20.3	0.11	1.0	0.186	1.50	29.8	43.5	0.42	576	3.24	0.05	9.2	2.7	650
M358224		3.61	19.00	0.13	0.9	0.227	1.48	27.8	42.7	0.52	573	2.00	0.05	8.4	3.0	600
M358225		8.32	13.55	0.13	1.0	4.66	2.41	16.9	26.4	0.66	2990	15.60	0.09	5.6	15.0	450
M358226		3.53	18.55	0.09	1.0	0.332	1.44	26.9	38.9	0.59	617	2.10	0.05	8.0	4.7	650
M358227		3.08	19.25	0.15	1.0	0.235	2.64	27.0	25.5	0.52	388	2.28	0.58	9.0	2.5	640
M358228		3.91	18.00	0.14	1.0	0.429	2.63	30.4	14.2	0.74	607	12.90	0.07	6.9	4.0	470
M358229		0.50	0.35	0.05	<0.1	0.007	0.04	0.8	1.2	13.25	188	0.34	0.01	0.3	2.5	180
M358230		3.35	21.1	0.09	0.9	0.486	2.19	21.6	29.9	0.77	631	2.01	0.05	8.4	2.9	610
M358231		2.88	18.25	0.09	0.9	0.165	2.74	19.7	22.5	0.43	439	1.60	0.72	8.5	2.1	570
M358232		3.12	18.25	0.12	1.0	0.108	2.60	21.7	20.6	0.80	371	1.97	2.13	8.5	2.9	590
M358233		3.04	18.55	0.14	1.0	0.108	2.64	21.6	20.7	0.80	378	1.81	2.14	8.9	2.8	590
M358234		3.07	18.00	0.12	0.9	0.097	2.73	19.1	20.4	0.76	463	3.80	2.20	8.4	3.1	580



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**CERTIFICATE OF ANALYSIS WH12197783**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358221		38.6	71.6	<0.002	0.82	21.6	12.2	1	4.7	131.5	0.68	0.14	12.0	0.256	1.19	5.1
M358222		29.9	53.5	<0.002	0.60	20.7	11.4	2	3.3	142.5	0.72	0.12	10.5	0.263	1.00	4.3
M358223		25.2	58.2	<0.002	0.35	22.0	13.3	2	3.4	66.0	0.78	<0.05	14.1	0.300	0.77	2.5
M358224		48.2	66.9	<0.002	1.07	33.2	12.0	2	3.8	69.6	0.70	<0.05	13.1	0.256	0.92	2.8
M358225		9690	131.5	<0.002	7.08	225	8.1	3	8.8	119.0	0.45	0.56	8.0	0.186	2.15	5.0
M358226		90.1	70.1	<0.002	1.35	34.2	11.6	2	5.6	67.6	0.69	0.10	13.2	0.243	1.14	6.7
M358227		84.7	95.1	<0.002	0.33	15.70	12.8	2	4.7	164.0	0.78	0.05	12.6	0.267	1.33	3.8
M358228		115.5	108.5	0.002	2.34	22.3	9.8	2	9.8	112.5	0.62	0.24	12.4	0.196	1.90	4.5
M358229		3.1	1.7	<0.002	0.01	0.17	0.3	1	<0.2	45.6	<0.05	<0.05	0.2	<0.005	0.02	0.7
M358230		58.2	90.3	<0.002	0.80	32.3	12.3	1	12.0	156.5	0.69	0.05	12.6	0.254	1.78	3.6
M358231		37.2	93.0	<0.002	0.37	20.1	11.2	1	4.8	174.0	0.70	<0.05	11.0	0.256	1.27	2.5
M358232		20.2	90.5	<0.002	0.16	2.69	11.1	1	3.2	367	0.71	<0.05	11.7	0.246	1.08	3.7
M358233		20.3	94.9	<0.002	0.17	2.68	11.7	2	3.0	368	0.74	<0.05	12.4	0.258	1.08	3.9
M358234		20.2	91.3	<0.002	0.20	2.81	11.1	1	2.5	368	0.68	<0.05	9.8	0.251	1.10	3.1





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Project: Klaza -110

**CERTIFICATE OF ANALYSIS WH12197783**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358221		70	6.4	14.0	129	26.0	1	
M358222		67	7.6	12.6	112	25.9	<1	
M358223		78	3.1	15.4	108	27.7	1	
M358224		71	3.2	15.8	137	24.6	1	
M358225		53	4.7	8.6	>10000	33.1	120	1.630
M358226		73	2.3	16.0	178	25.5	1	
M358227		73	2.6	15.9	223	27.7	<1	
M358228		63	3.9	13.4	344	26.8	2	
M358229		2	0.1	0.9	16	<0.5	<1	
M358230		74	5.0	14.1	162	24.1	1	
M358231		71	2.9	13.4	94	26.5	<1	
M358232		68	2.0	13.5	58	27.6	<1	
M358233		68	1.9	14.1	58	28.3	<1	
M358234		67	2.2	13.5	52	26.3	1	



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**CERTIFICATE OF ANALYSIS WH12197783**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (detection limit 2 ppm) REE's may not be totally soluble in this method.



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**CERTIFICATE WH12197784**

Project: Klaza - 111

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
JARED TARSWELL

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
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Plus Appendix Pages  
Finalized Date: 10-SEP-2012  
Account: ROCKHA

Project: Klaza - 111

**CERTIFICATE OF ANALYSIS WH12197784**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M359037		7.38	<0.005	0.84	7.40	7.6	2250	1.35	2.01	1.91	0.47	46.7	8.1	9	15.10	10.7
M359038		3.51	0.023	0.62	7.65	37.8	2170	1.18	0.72	1.43	1.05	58.0	10.9	8	16.35	13.8
M359039		3.21	<0.005	0.13	7.24	10.0	2170	1.13	0.18	1.20	0.30	51.1	6.5	7	24.9	4.7
M359040		0.26	0.794	9.84	6.70	1495	340	1.46	7.47	1.95	39.9	42.0	14.9	20	14.75	110.0
M359041		3.91	0.047	0.29	6.71	66.3	2260	1.38	0.24	1.94	0.36	48.7	6.7	7	18.65	4.6
M359042		2.62	0.123	0.28	6.41	228	3120	1.61	0.19	3.21	0.39	46.2	6.3	6	17.25	4.1
M359043		2.46	<0.005	0.02	0.17	<5	40	0.08	0.03	20.5	0.06	1.40	0.5	<1	0.23	1.7
M359044		7.37	<0.005	0.08	7.19	7.4	2190	1.44	0.20	2.45	0.13	44.0	6.3	9	20.6	4.3
M359045		7.39	<0.005	0.09	7.16	7.9	2220	1.42	0.20	2.63	0.14	46.1	6.3	11	12.75	6.1
M359046		2.68	0.115	0.66	6.99	28.5	3550	1.35	0.39	2.52	0.27	45.2	13.8	8	16.60	167.0
M359047		5.64	<0.005	0.09	7.24	6.7	2270	1.55	0.18	2.54	0.14	45.8	6.8	10	14.00	5.5
M359048		<0.02	<0.005	0.10	7.31	6.4	2300	1.52	0.21	2.53	0.14	50.4	6.8	12	14.85	6.3
M359049		2.86	<0.005	0.15	6.75	9.4	2140	1.50	0.16	2.69	0.13	41.9	6.0	13	8.22	5.7
M359050		5.17	<0.005	0.10	7.23	9.1	2200	1.64	0.29	2.60	0.17	49.4	6.5	10	9.03	6.9
M359051		4.50	<0.005	0.09	7.42	7.0	2240	1.50	0.26	2.49	0.16	59.0	6.9	12	8.33	6.2
M359052		8.43	<0.005	0.09	7.38	8.4	2290	1.49	0.17	2.43	0.18	53.0	6.2	10	6.33	8.4
M359053		7.78	<0.005	0.11	7.34	7.8	2250	1.50	0.20	2.09	0.14	50.7	6.5	9	9.06	5.4
M359054		5.46	<0.005	0.24	7.64	6.9	2340	1.66	0.78	2.45	0.20	44.9	9.9	12	11.95	8.9
M359055		2.16	<0.005	0.17	7.48	15.1	3360	1.39	0.64	1.66	0.29	39.5	8.7	8	30.6	11.4
M359056		3.08	<0.005	0.01	0.07	<5	30	0.05	0.02	21.3	0.06	1.19	1.2	<1	0.24	4.4
M359057		4.51	<0.005	0.16	7.41	4.6	2390	1.51	0.46	2.69	0.21	47.6	8.5	10	13.95	6.2
M359058		3.99	<0.005	0.14	7.61	5.5	2330	1.54	0.27	2.64	0.16	49.1	8.6	10	12.90	10.1
M359059		3.57	0.009	0.15	7.18	7.9	2120	1.59	0.24	3.01	0.13	42.2	9.6	9	9.97	24.6
M359060		3.53	<0.005	0.18	7.55	4.6	2390	1.57	0.29	2.75	0.13	46.0	8.3	11	9.61	48.8
M359061		0.26	0.743	9.32	6.82	1820	1690	1.52	6.72	1.92	43.4	44.7	19.7	20	17.65	109.5
M359062		6.96	<0.005	0.11	6.98	5.1	2050	1.57	0.15	2.51	0.22	43.2	7.7	8	14.95	8.8
M359063		2.62	0.005	0.24	6.91	17.8	2250	1.63	0.14	2.99	0.39	47.0	7.6	7	13.00	8.5
M359064		3.50	<0.005	0.11	7.58	3.3	2360	1.56	0.11	2.55	0.10	48.1	8.7	9	9.14	4.6
M359065		1.21	<0.005	0.10	7.51	3.1	2410	1.66	0.15	2.46	0.10	49.5	8.6	8	8.96	4.4
M359066		4.45	<0.005	0.09	6.77	3.9	2320	1.50	0.10	2.36	0.11	45.4	9.0	10	8.78	5.2
M359067		1.86	<0.005	1.99	6.92	31.0	>10000	1.46	0.09	2.41	0.35	53.3	9.2	10	16.55	6.5
M359068		4.61	0.006	0.33	6.64	12.5	2090	1.48	0.05	2.83	0.38	41.0	8.3	9	18.10	4.2
M359069		3.85	0.069	3.98	6.96	166.0	2400	1.54	0.05	2.66	0.30	40.6	9.0	9	19.75	5.1
M359070		3.10	0.045	0.92	6.82	86.9	2390	1.42	0.05	2.38	0.26	37.6	7.5	8	12.30	6.5
M359071		2.62	<0.005	0.08	7.14	4.3	2150	1.69	0.05	2.49	0.08	41.0	6.8	10	10.40	4.2
M359072		6.11	<0.005	0.07	6.65	5.7	2080	1.60	0.04	2.51	0.21	40.1	7.1	11	10.00	4.1



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Finalized Date: 10-SEP-2012  
Account: ROCKHA

Project: Klaza - 111

**CERTIFICATE OF ANALYSIS WH12197784**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359037		2.84	15.10	0.16	1.3	0.035	2.78	23.8	25.2	0.63	681	1.57	1.29	7.7	2.6	590
M359038		2.95	15.75	0.15	1.4	0.035	2.85	28.5	45.7	0.63	906	1.30	0.37	7.9	3.0	590
M359039		2.65	14.85	0.14	1.3	0.032	2.11	26.5	53.3	0.44	1080	1.01	0.06	7.4	2.1	570
M359040		5.24	13.80	0.14	1.4	0.867	2.89	21.4	22.7	0.71	2050	11.75	0.27	6.8	14.0	510
M359041		2.42	13.95	0.16	1.1	0.033	2.32	23.8	124.5	0.58	1270	1.39	0.06	6.8	2.2	540
M359042		2.78	13.45	0.14	1.0	0.031	2.44	25.3	144.0	1.02	14350	1.77	0.05	6.4	2.1	490
M359043		0.46	0.34	0.11	<0.1	<0.005	0.05	0.6	2.0	12.30	209	0.22	0.03	0.3	1.2	220
M359044		2.69	14.15	0.16	1.2	0.028	2.80	21.8	37.1	0.70	757	0.85	1.79	7.0	2.1	560
M359045		2.75	14.85	0.14	1.3	0.041	2.63	22.3	17.2	0.73	780	0.93	2.26	7.5	2.3	570
M359046		2.96	14.70	0.16	1.2	0.074	2.88	20.9	46.9	0.74	1140	0.82	0.73	7.1	2.5	530
M359047		2.76	15.40	0.15	1.3	0.037	2.72	22.0	23.2	0.69	694	0.68	2.16	7.8	2.3	580
M359048		2.77	15.30	0.15	1.3	0.039	2.78	26.0	25.0	0.70	692	0.75	2.14	7.7	2.3	590
M359049		2.62	15.15	0.13	1.3	0.038	2.61	18.6	16.4	0.63	699	0.74	1.86	7.5	2.6	530
M359050		2.81	15.95	0.14	1.3	0.049	2.66	23.8	16.2	0.76	694	0.78	2.32	8.3	2.5	570
M359051		2.77	15.50	0.16	1.2	0.038	2.63	29.2	17.9	0.80	660	0.75	2.32	8.0	2.5	570
M359052		2.76	15.40	0.14	1.3	0.038	2.63	25.6	15.0	0.80	663	0.66	2.38	7.7	2.4	570
M359053		2.75	16.10	0.16	1.5	0.043	2.83	26.8	22.9	0.79	625	0.69	2.03	8.2	2.5	570
M359054		2.97	19.80	0.22	1.4	0.044	2.86	24.1	43.4	0.78	707	0.97	2.24	8.8	3.1	630
M359055		2.65	18.35	0.20	1.4	0.037	2.83	21.1	370	0.54	1040	0.59	0.21	8.1	2.7	610
M359056		0.47	0.35	0.34	<0.1	0.006	0.02	0.6	1.9	13.20	213	<0.05	0.01	0.4	2.0	190
M359057		3.00	18.50	0.20	1.4	0.046	2.86	24.7	28.6	0.80	765	0.68	2.29	8.9	2.8	630
M359058		2.98	18.75	0.22	1.6	0.045	2.92	26.0	23.0	0.79	707	0.68	2.35	9.3	2.9	640
M359059		2.81	18.45	0.22	1.5	0.056	2.97	21.8	21.6	0.74	722	0.80	2.03	8.8	2.8	570
M359060		2.98	19.40	0.22	1.6	0.056	3.19	23.4	19.6	0.73	689	1.32	2.34	9.4	2.8	600
M359061		5.31	17.00	0.19	1.4	0.994	3.00	25.0	27.9	0.71	2040	12.60	0.27	8.1	17.2	530
M359062		2.65	16.70	0.22	1.5	0.040	2.68	23.5	22.6	0.64	667	0.96	2.03	8.5	2.6	540
M359063		2.71	17.25	0.21	1.5	0.042	2.94	25.2	22.0	0.79	2090	1.02	1.80	8.7	2.6	540
M359064		2.85	18.30	0.23	1.6	0.035	2.83	26.1	24.6	0.81	713	1.03	2.41	9.0	2.8	590
M359065		2.84	18.45	0.22	1.5	0.036	2.82	27.0	23.9	0.83	712	0.92	2.42	9.1	2.9	590
M359066		2.90	18.30	0.23	1.6	0.040	2.67	24.4	37.7	0.78	735	1.22	2.24	9.3	3.1	620
M359067		2.85	17.15	0.23	1.5	0.036	2.66	29.6	47.0	0.79	1900	1.24	1.31	8.9	3.1	570
M359068		2.73	17.65	0.22	1.6	0.032	2.85	21.2	78.1	0.84	2790	1.29	0.99	9.0	2.7	550
M359069		2.97	18.15	0.20	1.4	0.039	2.95	20.7	18.2	0.68	2580	1.49	1.99	9.1	3.0	630
M359070		2.67	17.00	0.05	1.3	0.037	2.58	17.9	97.8	0.74	3720	1.18	0.58	8.3	3.0	560
M359071		2.52	17.15	0.10	1.4	0.030	2.58	21.7	25.8	0.64	599	0.93	2.28	8.1	2.5	510
M359072		2.63	16.25	0.11	1.4	0.032	2.60	19.9	28.6	0.71	704	2.33	2.07	8.6	2.5	520



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**CERTIFICATE OF ANALYSIS WH12197784**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359037		74.3	115.0	<0.002	0.01	6.37	10.3	1	1.6	224	0.63	<0.05	13.3	0.261	1.18	1.9
M359038		62.6	121.5	<0.002	0.15	16.70	10.7	1	2.3	128.5	0.64	<0.05	14.3	0.267	1.44	3.1
M359039		15.7	90.1	0.002	0.05	29.4	10.2	1	1.5	82.2	0.64	<0.05	13.8	0.249	1.08	2.4
M359040		1390	154.0	<0.002	3.15	32.7	8.4	1	5.6	147.5	0.58	0.26	11.8	0.212	2.46	4.9
M359041		23.0	93.2	<0.002	0.25	30.0	9.5	1	1.3	158.0	0.56	<0.05	12.7	0.226	1.44	3.8
M359042		26.7	115.5	<0.002	0.59	21.6	9.1	1	1.2	189.0	0.54	<0.05	12.6	0.213	1.57	5.7
M359043		1.6	2.2	<0.002	<0.01	0.21	0.2	1	<0.2	49.6	<0.05	<0.05	0.2	0.005	0.04	0.7
M359044		19.5	104.0	<0.002	0.02	5.75	9.3	1	1.2	311	0.61	<0.05	12.2	0.255	1.22	2.7
M359045		20.0	98.5	<0.002	0.01	2.57	9.9	1	1.3	347	0.64	<0.05	12.7	0.251	1.09	2.7
M359046		20.5	111.5	<0.002	0.32	41.6	9.4	1	1.4	156.5	0.60	0.05	12.1	0.238	1.64	3.6
M359047		19.7	103.0	<0.002	0.01	3.11	10.1	2	1.3	347	0.65	<0.05	12.8	0.253	1.19	2.9
M359048		19.3	112.0	<0.002	0.01	3.38	10.5	<1	1.4	344	0.65	<0.05	13.9	0.252	1.13	3.0
M359049		20.5	98.4	<0.002	0.04	3.33	9.1	<1	1.3	285	0.68	<0.05	11.7	0.233	1.18	3.2
M359050		19.7	105.0	<0.002	0.01	2.69	10.6	1	1.5	349	0.67	<0.05	13.7	0.256	1.22	3.7
M359051		20.1	115.0	<0.002	0.01	2.61	11.2	1	1.4	360	0.63	<0.05	15.0	0.251	1.08	3.9
M359052		22.6	109.5	<0.002	0.01	2.07	10.4	<1	1.4	408	0.62	<0.05	14.2	0.249	1.11	3.3
M359053		23.0	112.5	<0.002	0.01	3.49	10.4	<1	1.5	324	0.70	<0.05	14.5	0.250	1.19	2.7
M359054		24.5	113.5	<0.002	0.01	3.07	12.3	1	2.0	375	0.61	<0.05	13.4	0.255	1.15	3.6
M359055		22.8	104.5	0.002	0.10	23.7	12.0	1	2.1	140.5	0.60	<0.05	13.5	0.254	1.60	5.5
M359056		1.3	1.5	<0.002	<0.01	0.06	0.2	1	0.2	39.7	<0.05	<0.05	<0.2	<0.005	<0.02	1.4
M359057		23.2	106.0	0.002	0.01	3.23	11.7	1	1.7	390	0.65	<0.05	12.9	0.264	1.22	4.3
M359058		21.7	113.0	0.002	0.01	3.01	12.2	1	1.9	382	0.67	<0.05	13.1	0.261	1.23	3.2
M359059		18.9	112.0	<0.002	0.03	3.67	10.5	1	2.1	325	0.68	<0.05	11.7	0.243	1.26	3.2
M359060		20.6	117.0	<0.002	0.02	3.27	11.1	1	2.0	367	0.72	<0.05	12.2	0.250	1.27	3.5
M359061		1405	172.0	0.002	3.10	35.4	10.1	2	6.3	154.0	0.60	0.28	13.0	0.215	2.62	5.3
M359062		23.4	112.5	<0.002	0.01	2.51	10.8	1	1.7	325	0.70	<0.05	12.9	0.232	1.09	4.4
M359063		24.8	121.0	<0.002	0.14	5.57	10.6	1	1.7	304	0.74	<0.05	13.3	0.232	1.37	4.3
M359064		19.2	112.5	<0.002	0.01	1.39	12.1	1	1.7	410	0.68	<0.05	14.1	0.244	1.04	3.6
M359065		20.5	107.5	<0.002	0.01	1.26	12.1	1	1.7	421	0.67	<0.05	14.3	0.244	1.07	4.0
M359066		19.0	83.0	<0.002	0.01	2.33	11.6	1	1.7	393	0.64	<0.05	11.9	0.256	1.04	3.4
M359067		45.7	119.0	<0.002	0.37	12.80	12.1	1	2.2	426	0.66	<0.05	13.4	0.244	1.25	5.7
M359068		24.6	102.0	<0.002	0.12	15.65	10.4	1	1.9	218	0.71	<0.05	11.5	0.231	1.42	4.3
M359069		34.7	111.5	<0.002	0.18	126.5	11.7	1	1.8	341	0.60	<0.05	10.9	0.264	1.38	3.3
M359070		18.2	87.7	<0.002	0.38	23.0	11.4	1	1.5	176.5	0.59	<0.05	9.0	0.246	1.46	4.4
M359071		18.3	101.0	<0.002	0.01	2.11	10.7	1	1.4	369	0.68	<0.05	11.5	0.221	1.03	3.0
M359072		18.9	96.9	<0.002	0.02	2.14	11.0	1	1.4	323	0.70	<0.05	10.2	0.241	1.04	3.3



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**CERTIFICATE OF ANALYSIS WH12197784**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359037		70	2.5	15.8	99	26.7	<1
M359038		72	4.1	16.5	177	28.8	<1
M359039		67	4.7	15.3	81	26.9	<1
M359040		59	5.3	10.8	3080	34.8	10
M359041		63	2.8	14.3	64	24.2	<1
M359042		57	1.8	15.7	69	22.4	<1
M359043		3	0.1	0.9	14	<0.5	<1
M359044		69	0.8	14.7	55	23.6	1
M359045		69	1.0	15.6	52	25.5	<1
M359046		65	2.6	15.4	73	26.3	1
M359047		67	0.7	15.9	51	28.5	<1
M359048		67	0.8	16.2	51	29.8	<1
M359049		62	1.0	14.7	46	29.1	1
M359050		68	1.0	17.6	51	30.6	<1
M359051		69	0.9	18.0	52	28.4	1
M359052		68	1.1	16.7	55	27.9	1
M359053		64	1.7	16.7	51	34.8	<1
M359054		71	0.9	18.1	68	37.1	<1
M359055		70	4.4	13.4	67	33.1	<1
M359056		2	0.1	0.8	14	<0.5	<1
M359057		73	0.9	17.4	66	35.9	1
M359058		71	1.2	17.4	58	38.6	<1
M359059		66	4.0	15.7	51	37.4	<1
M359060		68	3.6	16.3	57	39.2	<1
M359061		59	5.3	12.1	3090	40.0	10
M359062		63	1.6	16.4	61	36.5	<1
M359063		62	1.8	16.5	86	38.8	<1
M359064		67	1.3	18.2	56	41.5	<1
M359065		66	1.3	18.2	57	40.4	<1
M359066		69	1.6	16.4	60	42.6	<1
M359067		68	2.4	18.9	72	38.8	3
M359068		64	2.7	16.3	90	41.5	1
M359069		72	2.3	15.6	72	37.7	5
M359070		68	2.5	14.7	69	37.6	1
M359071		60	1.3	15.7	46	38.2	<1
M359072		65	1.1	15.7	57	38.3	<1



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12197785**

Project: Klaza - 111

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
JARED TARSWELL

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12197785**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M359073		2.80	<0.005	0.07	7.66	6.9	2340	1.64	0.07	2.82	0.10	46.3	7.5	8	11.00	4.0
M359074		4.43	<0.005	0.09	7.91	5.5	2560	1.52	0.08	2.47	0.10	50.8	7.2	11	10.35	8.5
M359075		2.71	0.018	0.25	8.27	14.8	2450	1.22	0.30	1.32	0.34	56.3	7.6	8	11.45	14.1
M359076		3.08	<0.005	0.04	0.07	<5	20	0.06	0.02	21.2	0.08	1.17	0.6	<1	0.14	1.4
M359077		3.88	<0.005	0.05	7.63	5.4	2110	1.44	0.05	2.71	0.08	44.1	6.1	7	11.95	3.5
M359078		0.26	0.730	10.00	6.95	1645	780	1.61	5.92	2.01	43.8	45.6	17.7	18	16.80	112.0
M359079		7.52	<0.005	0.06	7.75	7.0	2280	1.60	0.04	3.00	0.11	47.6	8.0	10	11.55	4.7
M359080		2.74	<0.005	0.06	7.56	18.4	2070	1.51	0.06	2.52	0.18	50.8	7.2	8	13.00	4.8
M359081		5.31	<0.005	0.05	7.91	8.8	2380	1.52	0.04	2.87	0.17	47.0	7.5	10	10.50	3.6
M359082		2.59	0.005	0.08	7.56	18.6	2000	1.62	0.04	2.66	0.08	45.1	6.9	9	10.35	3.3
M359083		4.27	<0.005	0.04	7.53	9.6	2180	1.62	0.04	2.80	0.09	46.8	7.3	9	9.00	4.3
M359084		2.78	<0.005	0.06	7.04	17.1	2070	1.56	0.07	2.69	0.13	50.0	7.1	9	9.24	10.6
M359085		4.84	<0.005	0.06	6.79	15.3	2220	1.46	0.08	2.61	0.11	47.7	7.0	9	9.13	5.0
M359086		<0.02	<0.005	0.11	6.47	22.3	2240	1.40	0.16	2.38	0.12	42.8	7.5	8	9.31	9.0
M359087		3.52	<0.005	0.13	6.96	21.7	2330	1.39	0.21	2.54	0.18	48.4	7.7	9	9.74	10.0
M359088		4.14	<0.005	0.06	6.71	14.4	2130	1.48	0.09	2.57	0.10	46.4	6.9	11	10.20	4.5
M359089		4.52	<0.005	0.10	6.69	26.7	1950	1.49	0.06	2.44	0.20	39.5	7.1	8	13.40	3.9
M359090		3.37	<0.005	0.02	0.06	<5	30	<0.05	0.15	20.2	0.05	1.32	0.6	<1	0.12	3.4
M359091		5.40	<0.005	0.08	6.06	15.7	760	2.07	0.33	0.64	0.07	38.7	1.9	3	17.60	11.6
M359092		4.37	<0.005	0.08	7.57	6.9	1750	1.18	0.14	1.23	0.09	47.8	6.9	7	12.10	20.2
M359093		3.61	<0.005	0.04	7.04	8.4	1980	1.45	0.18	2.12	0.09	46.5	6.7	9	11.50	13.0
M359094		1.25	<0.005	0.04	7.24	8.8	1940	1.33	0.16	1.71	0.08	48.2	6.5	8	12.70	9.4
M359095		2.24	<0.005	0.09	7.11	19.1	2910	1.28	0.16	1.61	0.16	51.0	6.4	7	10.70	10.1
M359096		4.14	<0.005	0.05	7.49	7.1	2220	1.21	0.13	1.54	0.08	45.8	6.1	8	12.75	31.7
M359097		4.21	<0.005	0.04	6.37	8.9	2710	1.48	0.37	2.31	0.13	43.0	5.5	7	11.55	12.8
M359098		3.69	0.009	0.14	6.43	40.2	2440	1.75	2.89	1.70	0.19	46.3	8.7	7	17.00	29.3
M359099		5.09	<0.005	0.21	6.82	11.8	800	1.96	0.44	2.56	0.07	52.2	5.8	17	15.25	6.5
M359100		6.70	<0.005	0.10	6.44	6.1	1430	1.77	0.25	2.92	0.04	49.4	5.8	14	15.20	4.9
M359101		0.26	0.778	9.54	6.36	1720	380	1.47	5.95	1.86	40.8	45.4	16.2	19	14.75	105.5
M359102		7.79	<0.005	0.42	7.00	8.8	1460	1.81	0.23	2.11	0.07	50.6	5.1	16	18.45	3.9
M359103		7.04	<0.005	0.08	6.77	4.8	1530	1.66	0.11	2.44	0.04	50.3	5.1	15	18.90	2.6
M359104		8.38	<0.005	0.05	6.68	6.9	1640	1.77	0.09	2.67	0.04	51.0	6.0	19	22.9	2.6
M359105		8.80	0.005	0.12	6.93	10.7	1410	2.03	0.25	3.10	0.24	49.6	6.2	15	27.8	10.9
M359106		8.09	<0.005	0.05	6.53	5.4	1030	2.09	0.05	0.76	0.13	36.2	0.9	3	22.1	0.7
M359107		7.59	<0.005	0.11	6.22	10.3	1300	2.15	0.45	2.06	0.16	36.1	4.1	7	22.1	5.6
M359108		7.61	<0.005	0.05	6.72	7.0	1020	1.94	0.11	3.27	0.08	52.5	5.8	16	23.2	7.9



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**CERTIFICATE OF ANALYSIS WH12197785**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359073		2.92	17.00	0.13	1.5	0.029	2.83	23.3	20.9	0.83	778	0.75	2.21	8.1	2.7	600
M359074		2.87	16.60	0.12	1.5	0.025	2.99	28.9	18.5	0.80	679	0.70	2.24	7.8	2.4	590
M359075		2.84	17.55	0.14	1.5	0.031	2.99	31.6	35.8	0.72	873	0.76	0.41	8.1	2.4	640
M359076		0.45	0.24	0.15	<0.1	<0.005	0.02	0.6	1.3	12.80	203	0.23	0.01	0.2	1.3	250
M359077		2.67	15.15	0.11	1.4	0.022	2.65	22.8	21.4	0.71	638	0.69	2.05	6.7	2.2	570
M359078		5.36	15.90	0.13	1.4	0.969	2.95	24.0	26.3	0.73	2050	12.90	0.28	7.4	14.6	510
M359079		2.96	17.25	0.13	1.4	0.034	2.58	26.0	23.6	0.82	710	1.15	2.38	7.9	2.7	640
M359080		2.80	16.30	0.12	1.4	0.025	2.80	26.9	29.7	0.76	796	1.10	1.61	7.7	2.3	590
M359081		2.85	16.35	0.15	1.4	0.026	2.80	24.6	19.8	0.76	691	1.02	2.44	7.6	2.5	590
M359082		2.72	16.10	0.13	1.4	0.021	2.86	22.5	23.1	0.77	769	0.97	2.05	7.2	2.3	550
M359083		2.83	16.25	0.12	1.4	0.022	2.70	23.8	21.3	0.79	689	1.09	2.31	7.5	2.4	560
M359084		2.77	17.15	0.18	1.6	0.032	2.57	23.1	19.3	0.73	668	1.63	2.11	7.7	5.2	570
M359085		2.71	15.80	0.18	1.5	0.034	2.53	21.1	15.9	0.71	636	2.53	2.16	7.1	2.5	530
M359086		2.73	15.50	0.18	1.4	0.044	2.73	19.0	14.5	0.77	711	1.27	2.09	6.9	2.5	500
M359087		2.89	16.25	0.19	1.5	0.042	2.82	24.0	14.8	0.84	749	1.34	2.15	7.3	2.6	550
M359088		2.77	16.55	0.19	1.6	0.041	2.61	21.3	12.9	0.66	661	1.04	2.14	7.5	2.6	540
M359089		2.66	16.05	0.18	1.4	0.033	2.86	17.0	28.5	0.67	1030	4.22	0.88	7.1	2.5	550
M359090		0.47	0.20	0.16	<0.1	0.006	0.02	0.6	1.1	12.60	201	0.16	0.01	0.2	1.5	410
M359091		0.80	13.90	0.21	2.4	0.014	1.76	18.8	160.0	0.29	270	0.91	0.04	9.7	1.1	100
M359092		2.77	17.35	0.17	1.7	0.035	2.79	21.5	43.3	0.55	794	0.56	0.08	8.4	2.5	590
M359093		3.08	16.80	0.17	1.4	0.045	3.00	21.1	44.8	0.87	789	0.61	0.89	8.0	2.8	590
M359094		2.97	17.35	0.20	1.4	0.044	3.13	21.3	47.2	0.75	707	0.58	0.76	8.1	2.6	580
M359095		2.99	16.90	0.21	1.5	0.037	3.01	23.7	37.5	0.74	855	1.85	0.29	7.8	2.5	580
M359096		2.86	16.80	0.19	1.6	0.035	2.98	20.8	54.9	0.65	702	1.30	0.61	7.9	2.4	610
M359097		2.71	14.90	0.17	1.4	0.049	2.46	19.3	107.5	0.85	809	0.78	0.86	7.2	2.3	530
M359098		2.14	15.10	0.17	1.8	0.045	2.24	22.9	99.5	0.70	707	6.23	0.25	7.8	2.6	440
M359099		2.47	19.25	0.17	3.0	0.029	1.47	25.4	189.5	0.84	649	1.22	0.04	10.0	6.3	920
M359100		2.29	18.40	0.18	1.9	0.021	2.50	21.1	108.0	0.77	508	1.16	1.10	9.1	5.8	730
M359101		5.07	15.10	0.18	1.3	0.899	2.77	21.1	25.3	0.67	1970	12.15	0.26	6.9	15.1	470
M359102		2.12	18.20	0.18	1.9	0.027	2.45	24.0	72.9	0.77	468	1.30	0.77	9.2	5.6	710
M359103		2.06	17.95	0.19	1.9	0.024	2.42	24.3	61.1	0.75	459	1.15	0.72	9.1	5.5	700
M359104		2.27	18.10	0.19	1.9	0.030	2.58	24.2	92.0	0.81	524	1.22	1.62	9.0	6.3	740
M359105		2.38	18.25	0.19	2.6	0.028	2.80	23.8	156.5	0.82	715	1.57	0.72	9.6	5.4	790
M359106		0.82	15.70	0.20	2.6	0.011	2.78	17.3	19.2	0.27	273	0.45	0.04	11.0	0.9	110
M359107		1.41	16.20	0.20	2.4	0.022	2.69	15.7	124.0	0.42	421	0.92	0.08	9.7	2.6	400
M359108		2.07	18.10	0.19	2.4	0.027	2.26	24.7	202	0.75	479	0.86	0.15	9.3	5.9	790



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**CERTIFICATE OF ANALYSIS WH12197785**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359073		20.1	108.5	<0.002	0.02	2.56	10.5	2	1.7	351	0.64	0.06	12.0	0.267	1.08	3.8
M359074		20.3	115.0	<0.002	0.01	2.21	10.3	1	1.6	364	0.63	<0.05	12.9	0.262	1.15	3.8
M359075		23.0	119.5	0.002	0.14	16.30	11.1	1	1.7	115.5	0.59	<0.05	14.8	0.278	1.27	6.1
M359076		2.6	1.3	<0.002	<0.01	0.11	0.2	1	0.2	44.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M359077		18.4	95.3	<0.002	0.02	3.59	8.8	1	1.3	341	0.58	<0.05	13.2	0.245	1.06	3.5
M359078		1400	168.5	<0.002	3.12	35.1	9.1	2	6.0	153.5	0.59	0.34	11.5	0.214	2.29	5.2
M359079		19.1	94.6	<0.002	0.03	2.23	11.0	1	1.7	402	0.58	<0.05	12.4	0.275	0.97	3.5
M359080		20.1	115.0	<0.002	0.20	6.36	10.6	1	1.6	246	0.60	<0.05	12.8	0.260	1.21	4.1
M359081		20.4	102.5	<0.002	0.03	2.37	10.0	1	1.5	392	0.59	<0.05	12.6	0.261	1.02	4.2
M359082		19.3	103.0	<0.002	0.22	5.12	9.4	1	1.5	294	0.60	<0.05	12.9	0.241	1.21	4.6
M359083		18.5	97.5	<0.002	0.04	2.67	9.8	2	1.5	364	0.61	<0.05	12.3	0.255	0.97	4.9
M359084		22.5	106.5	0.002	0.06	4.08	10.2	<1	1.5	324	0.67	<0.05	13.3	0.246	1.18	4.0
M359085		18.3	99.2	0.002	0.05	2.96	9.3	<1	1.4	355	0.63	<0.05	12.7	0.236	1.14	3.5
M359086		20.0	98.1	<0.002	0.09	3.95	8.5	<1	1.4	308	0.60	<0.05	11.6	0.224	1.25	3.2
M359087		21.6	113.5	<0.002	0.09	3.95	9.3	<1	1.5	321	0.63	<0.05	13.5	0.236	1.27	3.9
M359088		17.9	94.5	0.002	0.04	2.64	9.1	<1	1.5	353	0.62	<0.05	12.7	0.243	1.14	3.3
M359089		20.2	104.0	<0.002	0.12	8.46	9.1	<1	1.4	211	0.58	0.05	11.0	0.239	1.43	3.4
M359090		1.8	1.0	<0.002	0.01	0.11	0.2	<1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.03	0.7
M359091		19.2	87.8	0.003	0.03	25.8	2.0	<1	2.9	139.0	1.13	<0.05	14.7	0.055	0.84	9.8
M359092		19.0	116.5	<0.002	0.03	15.05	10.7	<1	3.1	126.5	0.80	<0.05	14.0	0.258	1.23	3.2
M359093		13.0	117.5	<0.002	0.04	11.25	10.7	<1	2.3	236	0.66	<0.05	12.5	0.262	1.40	3.0
M359094		14.2	131.0	<0.002	0.04	13.05	10.6	1	1.7	209	0.68	0.05	13.0	0.258	1.45	2.7
M359095		16.7	117.5	<0.002	0.14	15.60	10.9	<1	1.7	162.0	0.64	<0.05	14.1	0.253	1.50	3.9
M359096		18.5	119.0	<0.002	0.02	11.70	10.2	<1	5.2	258	0.67	<0.05	13.0	0.264	1.33	2.2
M359097		19.1	93.7	<0.002	0.06	13.90	9.0	<1	2.2	249	0.61	<0.05	11.9	0.229	1.27	2.1
M359098		32.3	96.2	0.003	0.18	28.0	7.2	<1	7.5	186.0	0.76	<0.05	13.1	0.183	1.16	5.3
M359099		17.5	39.4	<0.002	0.02	16.30	6.4	<1	1.4	444	0.77	<0.05	9.4	0.276	0.75	4.4
M359100		19.1	73.0	<0.002	0.01	6.30	5.0	<1	1.4	419	0.75	<0.05	9.5	0.233	1.25	5.0
M359101		1325	155.5	<0.002	2.97	33.3	8.4	<1	5.7	145.0	0.57	0.27	12.4	0.200	2.53	4.5
M359102		18.3	87.2	<0.002	0.01	11.50	5.5	<1	1.3	341	0.74	<0.05	10.4	0.232	1.07	4.2
M359103		21.0	86.4	<0.002	0.01	9.75	5.5	<1	1.3	323	0.75	<0.05	9.9	0.228	1.09	4.0
M359104		18.7	94.0	<0.002	0.01	4.67	5.9	<1	1.4	506	0.71	<0.05	9.7	0.236	1.05	4.6
M359105		32.9	103.5	0.002	0.04	9.12	6.4	<1	1.4	544	0.79	<0.05	10.2	0.254	1.44	4.6
M359106		27.1	148.0	<0.002	0.04	5.67	1.9	<1	1.4	129.0	1.30	<0.05	15.0	0.060	1.50	4.8
M359107		26.5	109.5	0.002	0.05	11.10	4.3	<1	1.9	263	1.00	<0.05	11.3	0.150	1.48	5.9
M359108		19.7	74.9	<0.002	0.04	11.45	5.9	<1	1.8	443	0.78	0.06	9.8	0.252	1.25	4.5



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**CERTIFICATE OF ANALYSIS WH12197785**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359073		68	0.8	16.3	55	36.5	<1
M359074		66	1.3	16.6	55	35.2	<1
M359075		72	5.7	16.3	79	37.0	<1
M359076		2	0.1	0.8	17	<0.5	<1
M359077		64	0.9	13.7	47	32.0	<1
M359078		57	5.2	11.5	3020	39.9	10
M359079		70	2.1	16.4	56	36.1	<1
M359080		67	1.3	15.4	57	34.7	<1
M359081		66	1.1	15.8	54	35.9	<1
M359082		62	1.8	14.9	50	35.6	<1
M359083		66	1.4	15.3	52	34.8	<1
M359084		68	1.4	15.2	55	38.0	<1
M359085		63	1.3	14.4	48	35.6	<1
M359086		59	1.6	13.7	52	36.7	<1
M359087		62	1.8	15.1	55	38.3	<1
M359088		66	1.4	14.3	49	38.0	<1
M359089		66	2.0	13.3	54	35.9	<1
M359090		3	0.1	0.8	14	<0.5	<1
M359091		9	2.2	12.2	28	56.3	<1
M359092		69	2.0	14.8	48	38.5	<1
M359093		72	2.5	14.8	48	31.5	<1
M359094		68	2.1	14.4	44	34.7	<1
M359095		70	2.1	15.9	52	35.7	<1
M359096		69	2.2	14.3	45	38.2	<1
M359097		61	1.7	13.9	51	33.4	<1
M359098		50	2.3	14.3	41	45.1	<1
M359099		62	2.3	11.9	53	101.5	<1
M359100		50	1.3	9.9	51	53.4	<1
M359101		56	4.8	10.6	2890	38.8	9
M359102		50	3.3	10.5	57	54.7	<1
M359103		49	1.6	10.7	49	57.8	<1
M359104		51	1.1	10.4	54	58.8	<1
M359105		55	1.5	11.6	70	83.6	<1
M359106		8	2.2	11.1	41	66.2	<1
M359107		32	2.9	10.0	47	63.8	<1
M359108		55	1.9	10.6	53	71.9	<1



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12197786**

Project: Klaza - 111

P.O. No.: Batch 4

This report is for 13 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
JARED TARSWELL

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12197786**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359109		8.09	<0.005	0.06	6.91	11.4	3670	2.03	0.27	1.87	0.14	50.5	6.8	14	25.9	17.3
M359110		2.69	<0.005	0.05	6.52	9.1	850	2.51	0.39	1.12	0.12	37.3	2.3	2	24.3	12.3
M359111		3.93	<0.005	0.08	6.72	5.0	2180	1.65	0.42	2.33	0.15	38.9	7.6	10	21.4	7.3
M359112		4.74	<0.005	0.13	6.74	10.1	5030	1.91	0.54	2.73	0.31	41.8	7.4	6	23.9	5.5
M359113		2.05	<0.005	0.01	0.08	<5	40	0.05	0.02	19.80	0.05	1.28	1.4	<1	0.24	2.7
M359114		4.15	<0.005	0.15	6.33	8.7	610	2.34	0.15	1.12	0.22	45.9	2.2	4	22.3	1.6
M359115		8.28	<0.005	1.34	6.46	119.0	1430	2.37	0.84	1.81	2.76	40.4	3.0	6	20.3	16.4
M359116		7.97	<0.005	0.06	6.25	3.3	1240	2.13	0.11	4.12	0.17	41.7	3.9	8	20.7	1.1
M359117		8.41	<0.005	0.07	6.53	4.3	1390	2.18	0.10	2.76	0.19	43.0	4.7	9	24.7	1.0
M359118		8.99	<0.005	0.07	6.67	4.2	1270	2.20	0.09	3.44	0.23	42.0	4.4	9	27.5	0.8
M359119		<0.02	<0.005	0.08	6.86	4.4	1190	2.20	0.09	3.35	0.23	49.0	4.3	9	28.4	0.9
M359120		7.97	<0.005	0.11	6.66	4.1	1300	2.06	0.08	3.12	0.14	45.8	4.3	9	24.2	2.1
M359121		8.85	<0.005	0.09	6.58	5.2	500	2.29	0.05	3.32	0.13	41.6	4.4	9	19.30	1.9





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**CERTIFICATE OF ANALYSIS WH12197786**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359109		1.91	18.15	0.16	2.7	0.032	2.21	25.6	279	0.66	578	0.85	0.04	11.0	4.1	800
M359110		1.01	17.10	0.15	2.5	0.013	2.36	19.3	164.5	0.39	336	0.84	0.04	11.9	0.8	140
M359111		2.67	17.60	0.21	1.3	0.042	2.84	18.6	132.5	0.65	777	1.29	1.20	9.1	2.2	570
M359112		2.48	16.55	0.22	1.1	0.040	2.54	21.6	310	0.83	831	1.12	0.07	7.9	1.7	510
M359113		0.41	0.45	0.32	<0.1	<0.005	0.04	0.6	2.2	11.75	189	0.37	0.01	0.5	<0.2	190
M359114		1.03	15.10	0.19	2.0	0.015	1.97	24.5	182.5	0.42	407	1.58	0.04	9.4	0.8	240
M359115		1.51	17.10	0.19	2.0	0.082	2.23	19.3	218	0.51	478	1.77	0.09	10.0	1.5	340
M359116		1.74	18.20	0.27	1.6	0.020	2.36	20.2	145.5	0.57	594	0.97	0.43	9.7	1.4	490
M359117		1.90	18.75	0.25	1.6	0.026	2.73	21.1	120.0	0.71	436	0.89	1.03	10.4	2.0	550
M359118		1.88	19.10	0.23	1.5	0.028	2.73	20.6	98.8	0.70	436	1.38	0.51	10.6	1.8	570
M359119		1.85	19.15	0.25	1.6	0.026	2.77	24.9	93.6	0.70	429	1.33	0.51	10.3	1.7	560
M359120		1.83	18.70	0.24	1.5	0.024	2.66	22.4	115.5	0.65	424	1.24	0.57	10.0	1.6	540
M359121		1.81	19.60	0.23	1.5	0.023	1.86	19.9	168.0	0.62	474	1.20	0.03	10.3	1.8	540



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Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359109		23.1	88.8	<0.002	0.14	18.40	7.0	1	2.8	601	0.81	<0.05	10.2	0.240	1.40	5.0
M359110		16.1	108.0	<0.002	0.03	18.85	2.8	1	2.8	216	1.23	<0.05	13.8	0.068	1.39	11.8
M359111		18.3	104.5	<0.002	0.02	7.15	11.2	1	2.0	315	0.67	<0.05	10.9	0.253	1.42	3.0
M359112		21.6	95.1	<0.002	0.15	22.5	10.4	1	3.8	292	0.60	<0.05	12.2	0.234	1.45	4.6
M359113		1.2	1.6	<0.002	<0.01	0.06	0.3	1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M359114		18.5	86.6	<0.002	0.04	12.05	3.6	1	1.4	260	0.87	<0.05	11.6	0.100	1.13	8.5
M359115		132.5	79.0	<0.002	0.20	14.25	4.1	1	1.5	317	0.88	<0.05	9.8	0.140	1.45	5.8
M359116		25.0	75.0	<0.002	0.02	6.41	5.4	1	1.4	426	0.73	<0.05	8.1	0.192	1.41	5.1
M359117		22.6	102.0	<0.002	0.01	3.50	6.1	1	1.5	567	0.76	<0.05	8.6	0.220	1.60	4.9
M359118		22.4	95.1	<0.002	0.01	3.85	6.0	1	1.7	533	0.74	<0.05	8.3	0.231	1.72	4.8
M359119		21.2	103.0	<0.002	0.01	4.01	6.0	1	1.8	528	0.75	<0.05	9.2	0.216	1.69	5.1
M359120		22.7	99.4	<0.002	0.01	3.70	5.9	1	1.2	500	0.72	<0.05	8.7	0.222	1.61	5.3
M359121		24.5	59.8	<0.002	0.02	7.28	5.5	1	1.2	344	0.75	<0.05	7.9	0.222	1.33	5.2



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359109		50	5.6	12.5	58	102.5	<1
M359110		10	2.7	13.1	43	65.9	<1
M359111		69	2.3	14.4	54	34.0	<1
M359112		64	4.6	15.1	59	29.5	<1
M359113		2	0.1	0.9	15	<0.5	<1
M359114		18	2.0	10.7	38	54.1	<1
M359115		26	1.9	9.9	237	54.2	<1
M359116		38	1.4	10.7	58	45.1	<1
M359117		42	1.5	10.9	59	45.2	<1
M359118		43	1.4	10.5	64	44.6	<1
M359119		42	1.3	11.2	63	45.2	<1
M359120		42	1.3	10.2	61	40.9	<1
M359121		42	2.0	9.2	71	44.2	<1



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Project: Klaza - 111

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**CERTIFICATE OF ANALYSIS WH12197786**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12197787**

Project: Klaza - 114

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
JARED TARSWELL

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12197787**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N814718		2.11	0.025		2.83	7.31	40.9	2030	1.29	4.64	0.82	1.15	52.0	4.2	12	6.41
N814719		1.74	0.023		8.63	7.66	26.5	2070	1.10	4.15	0.14	0.18	58.1	1.4	8	11.05
N814720		3.52	0.027		2.71	7.47	40.2	2150	1.36	3.19	0.46	0.71	53.2	2.7	11	6.18
N814721		5.25	0.022		0.88	7.46	32.2	2410	1.43	1.79	0.21	0.31	60.4	4.7	10	18.95
N814722		3.80	0.010		0.62	7.60	8.8	2120	1.73	0.73	1.40	1.69	50.7	9.9	9	6.99
N814723		2.38	0.025		0.41	7.76	13.8	2100	1.85	0.94	1.28	1.84	50.6	7.4	9	8.47
N814724		3.74	0.014		0.61	7.70	19.3	2480	1.77	2.13	0.87	3.72	52.2	9.0	9	11.80
N814725		4.71	0.009		0.39	8.27	28.3	1700	2.09	0.70	0.25	6.37	48.3	12.7	9	17.20
N814726		3.58	<0.005		0.41	7.82	9.7	1810	1.93	0.80	0.96	2.35	62.3	9.7	8	13.10
N814727		2.78	<0.005		0.01	0.05	<5	30	0.06	0.02	20.8	0.07	1.16	1.1	<1	0.11
N814728		6.41	0.011		0.30	7.72	10.0	2220	1.64	1.19	1.50	1.50	46.4	8.0	10	9.34
N814729		0.26	2.35		25.3	5.94	2750	1370	1.33	19.25	2.13	78.2	44.7	11.3	18	14.50
N814730		2.71	0.006		0.24	7.78	8.8	2520	1.77	0.38	1.82	1.33	45.6	8.3	9	9.34
N814731		2.38	0.011		0.40	7.24	19.7	2120	1.63	0.36	2.13	1.98	41.1	8.1	9	14.00
N814732		5.25	0.005		0.32	7.67	14.2	2120	1.68	0.57	1.16	2.30	48.8	8.4	8	12.35
N814733		<0.02	0.006		0.36	7.80	13.9	2180	1.78	0.62	1.20	2.53	49.5	8.8	9	12.95
N814734		3.95	0.225		0.48	7.43	11.4	2060	2.00	17.80	1.37	4.04	66.1	10.0	8	13.20
N814735		3.47	0.027		1.81	7.47	35.3	1860	1.45	3.32	0.91	3.93	50.1	9.2	8	16.95
N814736		2.17	0.020		9.27	6.86	32.9	1360	1.38	18.40	0.06	0.35	58.9	1.2	6	9.35
N814737		3.19	0.028		1.04	6.99	57.4	1820	1.42	2.22	0.22	4.01	61.5	5.2	7	14.10
N814738		3.26	0.028		1.05	7.82	33.1	1210	1.98	3.24	0.86	7.52	74.4	9.8	9	15.40
N814739		2.43	0.024		0.75	7.96	33.9	2240	1.85	2.72	1.09	4.96	54.5	7.3	9	16.35
N814740		3.42	0.009		0.57	7.91	37.7	1750	1.78	1.06	0.68	17.25	55.7	10.7	10	16.65
N814741		0.26	2.29		25.0	5.75	3350	640	1.40	20.8	2.12	72.9	41.5	10.7	17	14.05
N814742		2.64	0.025		0.63	7.99	61.6	840	1.87	1.33	1.24	23.2	55.2	13.2	8	22.4
N814743		3.18	0.010		0.90	7.99	85.5	1690	1.98	1.03	1.03	12.40	57.9	8.0	7	28.3
N814744		1.15	0.028		1.37	8.14	96.5	5230	3.16	1.74	1.17	25.3	65.7	10.7	6	46.3
N814745		4.15	0.006		0.26	7.87	70.2	1250	2.46	0.66	1.67	22.3	54.8	5.7	5	26.5
N814746		3.57	0.415		2.83	7.18	225	410	1.80	4.79	0.59	11.55	54.2	7.2	8	21.1
N814747		3.42	<0.005		0.01	0.07	<5	20	<0.05	0.02	20.5	0.13	1.32	1.0	<1	0.17
N814748		2.70	0.010		0.87	7.69	49.2	620	1.60	1.91	0.32	2.62	59.2	7.5	6	17.05
N814749		6.43	0.133		3.55	7.02	148.5	270	1.33	6.08	0.87	4.98	53.2	5.7	12	14.00
N814750		2.93	>10.0	11.90	>100	5.09	830	330	1.69	525	0.98	202	39.1	6.4	7	21.2
N814751		3.23	2.13		1.82	7.08	64.7	1430	1.57	2.93	2.38	0.57	50.1	48.0	8	22.9
N814752		2.93	0.042		0.99	7.22	15.5	2050	1.60	2.16	2.39	0.71	50.3	7.6	9	13.70
N814753		1.22	0.019		0.32	7.45	14.4	2120	1.75	1.37	2.54	0.19	48.9	7.7	10	14.05



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Project: Klaza - 114

**CERTIFICATE OF ANALYSIS WH12197787**

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N814718		63.5	3.72	15.65	0.08	1.2	0.197	2.82	29.1	12.6	0.48	338	2.71	1.05	8.3	4.4
N814719		41.9	3.46	17.50	0.09	1.2	0.176	3.30	34.1	7.6	0.28	99	1.86	0.10	7.1	2.7
N814720		39.7	2.60	16.65	0.08	1.1	0.175	3.17	29.7	11.0	0.46	227	2.38	0.82	7.7	3.4
N814721		59.5	5.09	15.80	0.08	1.0	0.272	3.33	34.3	11.4	0.30	221	2.73	0.32	6.3	2.6
N814722		55.6	3.02	17.75	0.11	1.1	0.101	2.70	27.5	14.4	0.62	637	6.36	1.97	8.6	3.7
N814723		61.9	3.26	18.30	0.10	1.2	0.113	2.84	28.8	14.2	0.59	495	3.26	1.95	9.0	3.7
N814724		73.5	3.88	17.05	0.07	1.1	0.166	3.06	29.5	15.4	0.41	594	9.54	1.44	8.2	3.2
N814725		204	4.24	17.75	0.08	1.3	0.102	3.10	27.3	26.6	0.28	808	3.18	0.64	9.5	4.2
N814726		70.9	4.00	17.65	0.10	1.2	0.126	2.96	36.4	15.9	0.62	574	3.26	1.48	8.7	3.0
N814727		2.5	0.46	0.36	0.22	<0.1	<0.005	0.02	0.6	1.0	13.35	192	0.09	0.01	0.2	0.6
N814728		85.9	3.18	17.70	0.09	1.1	0.120	2.69	26.1	12.8	0.72	485	4.61	2.23	8.8	3.4
N814729		437	6.30	15.10	0.07	1.0	1.765	2.57	25.6	27.1	0.90	1830	14.20	0.04	6.6	16.8
N814730		55.2	3.14	18.20	0.10	1.0	0.073	2.72	25.2	17.2	0.72	488	4.51	2.25	8.8	3.4
N814731		67.0	2.98	17.25	0.12	1.0	0.051	2.61	21.6	33.8	0.66	649	3.26	2.04	8.4	3.1
N814732		117.0	3.07	18.10	0.12	1.1	0.099	2.75	27.6	22.9	0.45	497	4.24	1.49	9.0	3.4
N814733		119.0	3.16	18.95	0.14	1.1	0.103	2.77	28.5	23.6	0.46	516	4.28	1.47	9.2	3.5
N814734		67.3	3.23	17.25	0.12	1.0	0.143	2.85	37.8	16.6	0.59	735	26.0	1.53	8.4	3.5
N814735		59.2	4.43	15.50	0.14	1.1	0.137	2.92	25.3	29.9	0.35	762	4.65	0.28	8.5	3.6
N814736		57.4	2.18	12.35	0.08	1.7	0.093	3.22	32.7	9.7	0.24	79	5.27	0.08	7.3	1.6
N814737		106.0	4.49	14.90	0.14	1.0	0.242	3.01	33.9	28.4	0.23	237	11.90	0.07	7.2	2.8
N814738		163.5	3.40	16.20	0.13	1.2	0.211	2.97	41.3	33.3	0.39	923	8.66	0.32	8.6	4.7
N814739		171.0	3.71	16.10	0.14	1.2	0.157	3.07	30.6	14.5	0.40	510	11.60	1.01	9.1	3.6
N814740		265	4.14	15.90	0.15	1.1	0.079	2.83	30.1	20.1	0.38	915	3.16	0.56	8.4	3.9
N814741		440	6.41	13.30	0.17	0.9	1.540	2.66	21.8	24.7	0.88	1860	12.80	0.04	6.2	16.0
N814742		322	3.39	16.50	0.13	1.1	0.114	2.92	27.8	24.6	0.53	1740	3.01	0.05	8.9	4.6
N814743		380	3.21	18.40	0.14	1.7	0.101	2.74	30.8	22.0	0.46	799	2.33	0.07	8.7	3.8
N814744		756	3.79	17.25	0.14	2.0	0.091	2.98	33.2	21.7	0.54	630	3.95	0.05	9.9	4.5
N814745		416	2.58	20.2	0.13	2.4	0.047	2.67	27.2	28.1	0.57	909	2.35	0.07	9.7	3.5
N814746		404	5.94	14.75	0.20	1.1	0.272	3.16	28.7	11.7	0.52	1460	3.33	0.06	6.1	3.8
N814747		3.5	0.44	0.29	0.29	<0.1	0.007	0.02	0.6	0.8	12.75	197	0.11	0.01	0.3	2.3
N814748		113.5	5.81	14.95	0.16	1.3	0.287	3.49	32.7	8.4	0.58	982	1.97	0.06	6.3	2.9
N814749		69.9	5.33	17.35	0.15	1.9	0.118	2.95	28.6	19.8	0.54	644	1.94	0.05	6.9	4.1
N814750		2790	5.87	12.60	0.13	1.4	2.90	2.18	21.3	26.8	0.43	1230	3.27	0.04	6.0	3.8
N814751		139.0	3.76	17.30	0.12	1.4	0.202	2.56	26.9	28.4	0.54	872	0.62	0.10	8.5	3.3
N814752		46.0	3.02	16.75	0.16	1.7	0.125	2.76	26.1	15.8	0.74	468	0.93	1.82	8.8	3.0
N814753		46.8	3.31	17.05	0.14	1.6	0.124	2.85	25.6	15.5	0.79	526	0.76	1.94	8.9	3.4



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Project: Klaza - 114

**CERTIFICATE OF ANALYSIS WH12197787**

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02
N814718		570	54.0	121.5	<0.002	0.31	7.30	11.9	2	4.6	204	0.63	0.23	12.0	0.268	1.51
N814719		370	148.5	159.5	<0.002	0.51	5.43	11.6	2	9.3	60.2	0.56	0.34	11.5	0.212	2.25
N814720		360	70.9	154.0	<0.002	0.24	5.90	12.0	2	8.5	161.5	0.59	0.29	9.7	0.229	1.83
N814721		670	39.7	161.0	<0.002	0.65	4.15	11.3	1	4.4	126.5	0.51	0.14	13.8	0.196	2.28
N814722		540	46.7	112.5	<0.002	0.06	1.86	12.1	1	2.9	305	0.67	0.06	12.0	0.241	1.27
N814723		590	47.1	120.0	<0.002	0.09	1.77	13.1	1	2.4	286	0.71	0.08	13.3	0.254	1.43
N814724		590	34.4	141.0	<0.002	0.19	3.24	11.7	1	3.3	224	0.67	0.71	12.9	0.236	1.62
N814725		620	32.5	138.0	<0.002	0.11	5.84	13.9	1	2.5	106.0	0.81	0.11	16.8	0.256	1.60
N814726		570	53.2	150.0	<0.002	0.22	1.31	12.8	2	3.4	218	0.73	0.08	15.7	0.240	1.63
N814727		180	1.4	1.0	<0.002	<0.01	<0.05	0.3	1	<0.2	51.3	<0.05	<0.05	<0.2	<0.005	<0.02
N814728		590	30.9	112.0	<0.002	0.14	1.32	12.2	1	2.4	332	0.65	0.12	12.1	0.262	1.22
N814729		420	2750	166.5	0.002	4.66	90.7	9.3	1	8.3	94.2	0.51	0.38	10.0	0.178	2.41
N814730		590	29.5	106.0	<0.002	0.17	1.04	12.7	1	2.1	374	0.63	0.05	11.8	0.263	1.22
N814731		560	58.9	97.2	<0.002	0.16	2.04	12.0	1	1.9	316	0.59	0.06	10.5	0.249	1.25
N814732		590	29.3	120.5	<0.002	0.30	7.58	12.6	1	2.2	227	0.65	0.12	13.4	0.257	1.37
N814733		600	30.4	126.5	<0.002	0.30	8.03	13.1	2	2.3	227	0.66	0.12	13.9	0.258	1.39
N814734		570	45.6	137.0	<0.002	0.85	4.48	13.2	2	2.9	232	0.61	9.19	12.5	0.239	1.63
N814735		710	74.6	118.0	<0.002	1.18	17.15	10.4	2	2.7	100.0	0.56	0.15	17.8	0.247	1.53
N814736		250	41.6	127.5	<0.002	0.60	6.81	7.2	3	9.2	51.2	0.87	0.39	12.1	0.145	1.53
N814737		560	38.5	140.0	<0.002	1.08	10.10	9.7	3	4.5	88.8	0.50	0.30	16.1	0.211	2.11
N814738		760	59.9	138.5	<0.002	1.13	14.50	12.6	3	3.7	85.9	0.64	0.38	16.5	0.247	1.92
N814739		630	35.3	124.0	0.002	0.61	8.20	12.4	2	3.9	208	0.63	0.27	16.2	0.255	1.74
N814740		660	58.9	117.5	<0.002	0.87	9.00	12.0	2	3.6	106.0	0.59	0.14	17.0	0.239	1.48
N814741		450	2790	153.5	<0.002	4.60	83.2	7.6	2	7.3	88.6	0.42	0.38	10.6	0.173	2.28
N814742		650	53.3	126.5	<0.002	0.72	27.5	11.6	2	3.3	49.1	0.64	0.14	16.0	0.253	2.07
N814743		800	48.1	132.5	<0.002	0.43	12.15	10.2	1	2.4	113.5	0.66	0.32	12.8	0.285	2.10
N814744		820	96.0	134.5	0.002	0.56	13.45	7.3	2	2.6	158.0	0.63	0.14	12.3	0.282	2.21
N814745		1110	27.4	101.5	<0.002	0.17	10.65	6.3	1	1.5	150.5	0.73	<0.05	8.8	0.323	1.75
N814746		730	128.0	183.0	0.002	3.98	13.55	10.2	3	7.6	85.2	0.47	0.50	14.8	0.176	2.41
N814747		200	1.4	1.1	<0.002	<0.01	0.06	0.2	1	<0.2	50.1	<0.05	<0.05	<0.2	<0.005	0.02
N814748		640	46.0	182.0	0.002	3.21	10.70	11.0	2	7.9	30.7	0.59	0.12	13.2	0.194	2.38
N814749		630	91.5	174.0	<0.002	4.73	11.45	9.2	3	7.5	64.8	0.50	0.90	11.2	0.207	2.22
N814750		550	4820	117.5	<0.002	5.73	133.5	6.1	4	9.1	133.5	0.38	2.10	8.2	0.176	2.01
N814751		600	30.7	109.5	<0.002	1.50	11.05	11.1	2	3.5	115.0	0.70	0.66	12.4	0.257	1.85
N814752		620	31.5	121.0	<0.002	0.34	3.55	11.5	1	2.8	324	0.75	0.10	13.2	0.256	1.50
N814753		690	18.7	120.5	<0.002	0.39	3.38	12.3	1	3.1	334	0.79	0.08	13.4	0.271	1.58





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Account: ROCKHA

Project: Klaza - 114

**CERTIFICATE OF ANALYSIS WH12197787**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N814718		2.4	72	14.8	11.3	209	33.9	3	
N814719		2.0	63	43.5	7.6	190	33.0	9	
N814720		2.0	66	19.5	9.4	125	33.1	3	
N814721		3.2	64	9.3	10.5	182	28.8	1	
N814722		1.9	67	3.6	17.9	198	33.2	1	
N814723		2.2	70	2.9	15.7	194	32.4	1	
N814724		2.4	67	5.8	17.4	285	30.4	1	
N814725		6.0	74	3.5	18.4	349	36.4	<1	
N814726		3.5	70	12.8	16.6	228	34.9	1	
N814727		0.6	1	0.1	0.8	15	0.8	<1	
N814728		2.7	72	2.8	16.7	202	29.2	1	
N814729		5.0	54	5.5	10.3	5210	29.3	26	
N814730		2.2	72	2.0	17.5	148	28.9	<1	
N814731		1.9	67	3.0	16.2	210	29.3	1	
N814732		2.0	70	6.7	17.1	166	33.0	1	
N814733		2.1	70	6.9	17.6	167	33.3	1	
N814734		2.1	68	6.6	19.8	174	29.6	1	
N814735		2.8	68	11.3	17.9	303	31.2	2	
N814736		2.3	43	22.3	6.1	74	42.1	9	
N814737		3.4	67	10.8	8.8	266	30.7	1	
N814738		6.1	77	5.5	19.0	396	33.0	2	
N814739		5.1	77	10.2	13.6	284	33.0	1	
N814740		5.3	72	6.1	18.6	538	32.7	1	
N814741		5.2	56	4.9	9.9	5360	27.0	26	
N814742		5.5	74	4.1	23.9	824	32.5	1	
N814743		9.0	61	5.9	15.3	481	47.9	1	
N814744		12.3	52	5.5	15.8	761	67.5	2	
N814745		7.5	52	1.8	18.4	478	68.2	1	
N814746		8.5	63	11.0	15.4	631	33.2	3	
N814747		0.9	2	0.1	0.9	16	<0.5	<1	
N814748		5.8	69	20.4	13.9	393	31.0	1	
N814749		5.3	62	12.7	11.9	275	64.3	4	
N814750		5.8	46	4.0	9.9	>10000	55.2	313	1.060
N814751		4.5	71	3.2	16.2	116	39.8	3	
N814752		4.0	70	0.9	16.7	65	44.5	1	
N814753		4.8	78	1.0	17.5	47	42.7	<1	



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**CERTIFICATE OF ANALYSIS WH12197787**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12198586**

Project: Klaza - 114

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12198586**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813346		4.30	<0.005	0.13	6.93	8.9	2010	1.58	0.29	2.75	0.09	41.8	7.2	9	15.30	8.2
N814755		4.59	0.037	0.35	7.53	24.4	2160	1.62	1.94	2.41	0.33	46.6	9.0	11	14.70	35.6
N814756		3.99	0.151	1.62	7.99	179.0	1020	1.36	11.60	1.22	3.38	55.6	10.6	8	14.20	158.5
N814757		0.26	2.12	23.4	5.31	2990	840	1.09	16.95	1.88	65.2	35.6	9.7	17	12.10	390
N814758		6.34	0.022	0.33	7.38	12.0	2410	1.58	1.73	2.36	0.16	46.4	8.0	12	12.10	36.3
N814759		2.02	0.009	0.51	7.36	11.9	2280	1.61	0.75	2.31	0.90	42.8	8.0	10	11.10	28.5
N814760		4.57	0.478	2.46	7.28	18.0	2210	1.52	2.89	2.16	0.94	46.7	12.9	10	11.55	384
N814761		5.20	<0.005	0.15	7.75	9.4	2340	1.72	0.24	2.56	0.12	53.2	7.9	13	9.05	11.4
N814762		2.76	0.016	0.34	7.55	13.9	2200	1.67	0.44	2.37	0.52	49.9	7.2	11	8.65	29.5
N814763		2.38	0.042	0.34	7.03	17.1	1880	1.33	0.61	3.59	0.62	42.5	4.9	8	9.02	20.1
N814764		6.82	0.043	0.73	6.97	36.9	1980	1.63	1.72	2.39	0.34	36.7	17.6	9	10.30	59.2
N814765		2.77	0.198	1.87	6.39	167.5	1700	1.30	6.38	5.20	0.84	34.3	38.2	6	18.10	312
N814766		3.45	<0.005	0.02	0.07	<5	230	0.06	0.03	20.0	0.05	1.09	1.5	<1	0.16	1.8
N814767		6.84	0.043	0.84	7.50	25.9	2600	1.35	1.48	2.55	0.98	41.9	9.4	12	13.45	93.3
N814768		3.36	0.067	0.37	7.01	18.6	2180	1.35	0.82	2.22	0.48	26.9	5.2	8	13.80	49.8
N814769		3.21	0.025	0.37	7.37	17.1	2700	1.54	1.01	2.41	0.49	42.8	8.2	7	13.60	17.2
N814770		4.64	0.005	0.18	7.08	8.5	2290	1.37	0.72	2.52	0.15	41.8	8.9	11	9.13	16.0
N814771		0.21	0.686	10.30	6.92	1860	1440	1.43	6.50	1.93	40.9	43.7	18.0	21	15.65	110.0
N814772		7.88	0.007	0.32	7.38	9.3	2160	1.57	0.33	2.37	0.14	46.3	8.5	10	9.83	12.4
N814773		6.16	0.188	2.00	7.67	30.7	2000	1.65	2.79	1.84	0.31	51.0	8.2	10	11.55	181.0
N814774		3.45	2.26	51.2	7.02	379	820	1.37	53.2	0.89	15.65	45.1	14.0	10	9.26	1435
N814775		6.05	0.052	0.79	7.70	12.8	2280	1.58	1.15	2.50	0.48	43.3	9.2	13	9.86	54.0
N814776		2.36	0.076	0.36	7.20	9.0	2200	1.44	0.33	2.90	0.14	40.8	12.8	12	8.48	17.1
N814777		1.26	0.051	0.19	7.14	6.2	2200	1.40	0.16	2.84	0.13	42.8	8.9	11	7.95	17.0
N814778		2.75	0.128	1.50	6.88	219	1350	1.64	0.30	2.99	4.81	44.4	7.0	8	18.80	19.2
N814779		2.05	<0.005	0.06	0.07	<5	30	0.06	0.03	19.65	0.07	1.09	0.5	<1	0.15	2.1
N814780		2.94	0.018	0.20	7.08	5.8	2070	1.40	0.12	2.50	0.75	40.8	7.7	10	10.20	7.9
N814781		3.51	0.029	0.11	7.16	8.0	2300	1.45	0.16	3.16	0.19	42.9	8.1	11	6.95	12.6
N814782		3.72	0.204	0.38	7.18	21.5	2370	1.45	1.41	2.73	0.34	46.1	11.6	12	7.43	68.9
N814783		4.67	0.022	0.41	7.50	16.4	2580	1.60	1.16	3.07	0.27	46.9	9.0	12	8.44	21.1
N814784		<0.02	0.017	0.35	7.63	14.9	2540	1.56	1.11	2.89	0.23	53.3	8.9	10	8.37	19.7
N814785		5.21	0.007	0.86	7.79	11.9	2360	1.70	0.79	2.71	0.64	49.9	7.7	9	13.45	28.0
N814786		2.91	0.334	8.03	7.29	323	590	1.53	5.18	1.65	11.55	48.1	6.9	8	17.00	285
N814787		3.58	0.014	0.59	7.56	17.3	1920	1.65	2.05	2.38	0.17	48.4	6.3	9	20.3	31.3
N814788		3.09	0.033	0.58	7.38	11.9	2160	1.51	1.90	2.60	0.22	60.1	7.7	11	10.85	46.0
N814789		5.90	0.019	0.36	7.48	11.3	2620	1.49	0.59	2.41	0.36	43.3	5.1	12	9.47	29.1



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**CERTIFICATE OF ANALYSIS WH12198586**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813346		2.63	17.35	0.24	1.4	0.048	2.48	20.5	11.2	0.63	514	1.49	1.96	8.2	2.1	570
N814755		3.05	17.90	0.26	1.4	0.075	2.70	23.6	12.9	0.67	534	1.13	1.86	8.3	2.4	600
N814756		4.88	18.70	0.27	1.3	0.179	2.99	30.0	19.0	0.57	576	1.71	0.48	8.2	2.5	600
N814757		5.61	13.55	0.23	0.8	1.360	2.27	19.3	21.0	0.77	1680	12.05	0.03	5.3	12.9	390
N814758		2.85	17.90	0.23	1.4	0.102	2.81	22.8	13.0	0.77	539	2.20	2.13	8.5	2.5	620
N814759		2.68	18.00	0.23	1.2	0.077	2.66	21.2	13.7	0.71	502	0.81	2.08	8.1	2.4	570
N814760		2.90	18.00	0.27	1.2	0.213	2.60	24.1	12.3	0.75	562	1.47	1.98	8.3	2.5	620
N814761		2.89	18.25	0.25	1.3	0.057	2.69	27.5	12.1	0.84	583	1.00	2.25	8.5	2.4	640
N814762		2.91	18.00	0.27	1.2	0.075	2.75	25.8	10.4	0.76	587	0.63	1.98	8.0	2.4	600
N814763		2.67	17.35	0.23	1.3	0.077	2.64	21.0	19.9	0.64	622	1.57	1.13	8.0	1.5	570
N814764		3.21	17.55	0.26	1.3	0.089	2.53	18.8	13.0	0.64	592	3.39	1.54	8.1	4.0	510
N814765		5.00	15.35	0.25	0.8	0.280	2.69	20.0	17.3	1.40	998	2.65	0.25	6.3	5.6	380
N814766		0.43	0.42	0.36	<0.1	0.005	0.03	0.6	1.0	11.95	198	0.16	0.01	0.4	<0.2	170
N814767		2.51	17.55	0.24	1.2	0.106	2.85	20.4	11.3	0.68	542	1.70	1.68	7.6	2.6	610
N814768		2.11	17.35	0.21	1.2	0.074	2.75	12.4	24.0	0.51	489	1.24	0.35	8.1	1.8	610
N814769		2.68	18.70	0.23	1.0	0.104	2.59	20.5	13.3	0.74	603	1.56	1.94	8.4	2.1	810
N814770		2.74	17.45	0.24	1.1	0.055	2.50	20.1	10.4	0.76	531	2.20	2.12	7.7	2.5	600
N814771		5.19	16.70	0.26	1.3	0.859	2.84	22.4	24.3	0.71	2100	13.00	0.26	7.8	14.9	520
N814772		2.73	17.85	0.27	1.2	0.049	2.42	23.7	14.7	0.85	523	9.50	1.92	8.2	2.6	590
N814773		3.13	17.80	0.26	1.3	0.115	2.59	26.9	12.9	0.73	497	8.32	1.65	8.1	2.5	600
N814774		6.77	17.20	0.27	1.1	1.510	2.82	24.1	12.3	0.56	672	2.13	0.10	6.4	2.8	520
N814775		3.09	18.50	0.25	1.1	0.073	2.65	21.1	14.1	0.82	628	2.90	1.76	8.1	2.4	650
N814776		2.91	17.25	0.24	1.0	0.042	2.51	19.6	9.4	0.80	731	3.70	2.03	7.7	2.7	630
N814777		2.87	15.80	0.10	1.1	0.044	2.51	21.4	10.1	0.82	568	4.79	2.13	7.5	3.5	630
N814778		3.48	15.05	0.10	1.2	0.065	2.71	21.4	14.7	0.81	1720	1.48	0.57	6.7	2.6	570
N814779		0.43	0.19	0.10	<0.1	0.008	0.03	0.5	1.1	11.70	203	0.08	0.01	0.2	1.4	180
N814780		2.84	15.85	0.13	1.3	0.041	2.47	18.9	14.2	0.74	546	1.37	1.92	7.7	2.8	620
N814781		2.94	15.45	0.13	1.0	0.052	2.56	20.5	14.2	0.76	560	23.3	2.07	7.3	2.8	640
N814782		3.30	16.45	0.12	1.1	0.111	2.61	23.0	15.3	0.81	533	2.20	1.96	7.6	3.1	630
N814783		3.07	16.40	0.12	1.2	0.099	2.57	22.9	22.7	0.87	625	2.82	1.50	7.4	3.0	620
N814784		3.08	16.70	0.15	1.2	0.094	2.53	26.8	21.9	0.89	595	1.92	1.53	7.6	3.1	620
N814785		3.04	16.85	0.14	1.2	0.063	2.71	23.9	15.4	0.77	541	3.19	1.73	8.0	2.9	650
N814786		4.95	16.00	0.14	1.2	0.354	3.18	27.7	13.8	0.71	1410	1.09	0.05	6.7	3.3	560
N814787		2.78	16.65	0.11	1.5	0.059	2.96	24.2	20.0	0.72	482	1.82	0.90	8.1	2.3	590
N814788		2.78	15.50	0.14	1.2	0.080	2.72	36.3	12.1	0.78	480	6.45	1.79	7.3	3.0	590
N814789		2.08	15.35	0.13	1.2	0.053	2.93	21.0	10.8	0.65	420	1.70	1.99	7.2	2.5	620



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**CERTIFICATE OF ANALYSIS WH12198586**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813346		15.6	90.7	<0.002	0.04	2.36	11.5	1	1.5	350	0.66	<0.05	12.0	0.244	1.15	4.0
N814755		23.7	101.0	<0.002	0.52	4.26	11.9	1	2.1	331	0.66	0.16	13.6	0.255	1.23	4.4
N814756		116.5	140.0	<0.002	3.11	11.85	12.1	2	4.7	105.0	0.64	0.71	14.5	0.247	1.67	4.8
N814757		2560	136.0	0.002	4.22	73.9	7.6	2	6.6	76.7	0.38	0.30	8.8	0.159	2.05	4.5
N814758		19.5	100.5	<0.002	0.23	3.05	11.8	1	1.9	392	0.67	0.25	13.0	0.259	1.24	4.0
N814759		85.3	100.0	<0.002	0.25	2.25	11.1	1	1.8	363	0.63	0.08	13.4	0.243	1.12	4.1
N814760		108.0	108.5	<0.002	0.46	3.35	12.2	1	2.4	310	0.64	1.20	13.6	0.248	1.23	3.6
N814761		17.7	99.0	<0.002	0.11	1.57	12.6	2	1.9	403	0.68	<0.05	14.6	0.266	1.03	4.7
N814762		32.9	105.5	<0.002	0.23	1.73	11.7	2	2.5	343	0.64	<0.05	13.9	0.252	1.14	4.3
N814763		47.6	93.5	<0.002	0.35	3.46	10.8	1	2.6	229	0.70	<0.05	13.0	0.233	1.27	4.7
N814764		25.5	94.4	0.003	1.19	4.32	11.0	2	2.7	253	0.70	0.29	12.1	0.229	1.30	4.1
N814765		107.0	144.0	0.002	3.43	16.85	11.3	2	5.8	207	0.46	2.06	11.1	0.173	1.74	5.9
N814766		1.4	1.3	<0.002	0.01	0.06	0.3	1	<0.2	44.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N814767		62.5	114.0	<0.002	0.54	11.50	11.7	1	3.0	288	0.62	0.19	12.9	0.256	1.59	5.5
N814768		31.5	88.6	<0.002	0.32	23.8	10.7	1	2.5	110.5	0.63	0.11	10.2	0.262	1.46	4.2
N814769		27.0	100.0	0.002	0.44	7.67	10.2	1	2.7	265	0.65	0.17	11.2	0.281	1.47	3.8
N814770		17.4	82.5	<0.002	0.13	1.80	11.3	1	1.5	372	0.56	0.10	11.3	0.250	1.02	3.8
N814771		1440	157.0	<0.002	3.25	31.6	9.8	2	5.4	154.0	0.56	0.24	11.7	0.213	2.42	5.2
N814772		16.5	98.6	0.003	0.15	3.16	12.5	2	1.6	332	0.60	<0.05	13.2	0.247	0.97	4.2
N814773		25.7	112.5	<0.002	0.71	4.52	12.7	1	3.1	291	0.65	0.11	14.5	0.248	1.13	4.2
N814774		392	159.0	<0.002	5.78	85.2	10.6	2	10.2	39.4	0.49	0.90	11.8	0.203	1.79	3.3
N814775		36.2	97.4	<0.002	0.25	2.91	12.5	1	2.0	333	0.57	0.05	12.0	0.267	1.22	3.4
N814776		16.5	85.7	<0.002	0.34	1.82	12.0	2	1.8	372	0.52	<0.05	10.0	0.262	1.11	3.1
N814777		16.9	91.7	0.002	0.19	1.56	11.0	1	1.8	375	0.52	0.05	11.1	0.265	1.12	2.4
N814778		278	106.0	0.003	1.68	10.50	10.1	1	3.1	142.5	0.47	<0.05	13.9	0.247	2.12	3.8
N814779		1.8	1.2	<0.002	0.01	0.08	0.2	1	<0.2	41.8	<0.05	<0.05	<0.2	<0.005	0.04	0.6
N814780		48.7	86.4	0.002	0.02	3.03	10.9	1	1.7	328	0.61	<0.05	11.9	0.259	0.96	3.8
N814781		16.4	91.0	0.003	0.07	4.18	10.8	1	2.1	377	0.54	<0.05	13.3	0.267	0.96	3.4
N814782		20.1	93.9	<0.002	0.80	5.64	11.0	1	3.3	338	0.56	0.43	12.9	0.264	1.23	3.3
N814783		46.9	88.7	0.002	0.49	5.43	10.9	1	2.3	286	0.59	0.22	13.1	0.263	1.23	3.4
N814784		44.0	105.5	<0.002	0.48	5.11	11.3	1	2.2	289	0.59	0.19	14.6	0.261	1.23	3.7
N814785		39.7	103.5	0.002	0.27	5.80	11.8	1	1.9	323	0.68	0.57	14.2	0.285	1.28	3.6
N814786		300	205	0.002	3.07	31.3	10.6	1	5.5	49.9	0.61	0.61	16.7	0.220	2.94	5.5
N814787		26.3	109.5	0.003	0.37	5.34	10.4	1	1.6	190.0	0.71	0.28	15.5	0.254	1.65	5.9
N814788		28.6	109.5	0.002	0.34	2.72	10.6	1	1.7	323	0.61	0.29	15.2	0.244	1.20	4.5
N814789		24.1	115.0	<0.002	0.13	4.40	10.8	1	1.7	339	0.52	0.17	14.4	0.245	1.34	3.6



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**CERTIFICATE OF ANALYSIS WH12198586**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N813346		68	0.9	14.9	37	39.7	<1
N814755		74	2.3	15.6	59	40.9	<1
N814756		72	3.1	15.6	308	38.0	<1
N814757		52	4.4	8.2	4860	22.2	26
N814758		74	1.4	15.3	45	40.2	<1
N814759		69	1.1	13.9	101	34.3	<1
N814760		71	2.9	15.6	107	36.3	5
N814761		77	1.8	16.5	43	35.9	<1
N814762		72	1.1	15.0	72	34.9	<1
N814763		68	2.2	15.9	83	38.0	<1
N814764		67	2.4	16.1	59	36.2	<1
N814765		63	6.3	23.0	112	23.6	1
N814766		2	0.1	0.8	15	<0.5	<1
N814767		77	2.0	12.4	103	33.2	<1
N814768		77	4.3	11.5	61	33.0	<1
N814769		69	2.2	14.5	68	29.8	<1
N814770		71	1.1	14.5	39	33.0	<1
N814771		60	5.2	11.3	3230	39.0	10
N814772		71	3.3	17.1	39	36.9	<1
N814773		72	4.1	16.2	59	34.9	2
N814774		63	5.4	11.3	1270	31.3	52
N814775		77	1.8	15.1	80	31.7	<1
N814776		76	2.1	14.6	43	29.3	<1
N814777		74	1.7	14.7	39	27.7	<1
N814778		69	4.8	14.2	573	31.6	1
N814779		2	0.1	0.8	12	<0.5	<1
N814780		73	3.6	14.1	75	34.0	<1
N814781		75	12.3	15.9	41	26.6	<1
N814782		72	4.1	14.7	80	28.3	<1
N814783		73	3.0	16.9	56	33.6	<1
N814784		74	2.8	18.0	52	30.3	<1
N814785		78	2.3	15.7	66	26.8	<1
N814786		66	7.5	12.9	1200	29.2	7
N814787		69	1.5	14.2	43	38.9	<1
N814788		67	1.8	16.1	41	30.4	<1
N814789		70	3.5	13.5	45	32.1	<1



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**CERTIFICATE OF ANALYSIS WH12198586**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12199380**

Project: Klaza - 101

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12199380**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N811769		3.06	<0.005	0.17	7.44	26.2	2340	1.63	0.13	3.07	0.11	43.4	9.3	7	22.2	15.1
N811770		2.31	0.006	0.23	7.24	38.3	1580	1.56	0.06	2.96	0.19	41.0	9.7	9	20.1	32.2
N811771		1.87	<0.005	0.85	7.08	86.1	1020	1.55	0.10	2.14	0.83	46.1	8.7	7	22.5	5.9
N811772		3.40	<0.005	0.06	7.40	10.8	1750	1.50	0.07	2.64	0.09	45.4	9.1	8	21.7	9.2
N811773		2.17	<0.005	0.08	7.58	7.6	1950	1.43	0.04	2.66	0.07	43.9	9.2	8	14.70	7.5
N811774		2.91	<0.005	0.07	7.19	9.7	1770	1.40	0.13	3.15	0.06	42.0	9.9	8	15.75	4.8
N811775		3.21	<0.005	0.07	7.01	4.7	1750	1.42	0.04	3.16	0.08	41.4	9.1	7	19.05	10.9
N811776		3.66	<0.005	0.06	7.25	5.8	1970	1.44	0.04	3.14	0.07	41.3	9.4	11	16.80	9.2
N811777		0.26	0.770	9.28	6.68	1745	1420	1.43	6.19	1.93	42.0	45.2	17.1	18	16.85	108.0
N811778		3.20	<0.005	0.12	7.38	16.3	1310	1.50	0.06	3.45	0.19	43.7	8.7	7	20.1	18.5
N811779		2.10	<0.005	0.08	7.00	10.2	2240	1.45	0.04	2.86	0.11	38.7	9.3	8	16.00	9.4
N811780		1.99	<0.005	0.08	7.56	11.4	1830	1.41	0.05	2.72	0.06	42.2	10.0	8	14.75	17.4
N811781		2.23	<0.005	0.12	7.72	11.5	1690	1.45	0.07	2.75	0.11	41.7	9.3	8	16.35	39.0
N811782		2.07	0.010	0.69	6.66	119.0	770	1.29	0.23	3.63	0.43	37.0	10.6	6	17.30	24.3
N811783		2.66	<0.005	0.01	0.07	<5	20	0.07	0.02	20.8	0.05	1.24	1.4	<1	0.28	2.2
N811784		2.38	<0.005	0.48	7.34	57.8	3280	1.57	0.09	2.32	0.40	43.4	8.2	7	17.15	29.3
N811785		1.90	<0.005	0.13	7.22	7.6	1540	1.38	0.09	3.44	0.08	42.2	8.7	8	15.20	34.6
N811786		3.33	<0.005	0.09	7.14	10.3	1730	1.30	0.07	3.03	0.07	41.5	9.1	7	13.00	28.9
N811787		<0.02	<0.005	0.10	7.28	10.2	1760	1.38	0.08	3.09	0.07	43.0	9.2	10	13.35	26.8
N811788		3.15	<0.005	0.09	7.64	4.9	1990	1.42	0.20	2.75	0.06	47.0	9.0	10	13.35	15.9
N811789		0.26	2.21	24.7	6.12	3420	680	1.28	19.85	2.29	80.2	43.5	11.3	17	15.30	466
N811790		3.77	<0.005	0.18	7.35	4.0	1800	1.34	0.70	2.80	0.08	45.0	9.1	8	11.05	57.8
N811791		2.88	<0.005	0.12	6.96	3.6	2490	1.42	0.58	2.78	0.10	42.8	8.4	7	15.05	11.5
N811792		2.06	<0.005	0.11	7.29	2.7	1850	1.53	0.34	2.94	0.08	44.4	9.7	8	14.35	9.3
N811793		0.76	<0.005	0.09	7.41	2.8	1630	1.46	0.30	2.92	0.08	42.6	9.9	13	14.90	9.3
N811794		1.32	0.010	0.06	7.19	5.2	2160	1.47	0.20	2.31	0.14	41.1	8.5	7	26.5	8.5
N811795		2.81	<0.005	0.09	7.47	3.8	1770	1.38	0.29	3.22	0.07	42.9	9.3	7	18.20	10.1
N811796		3.10	0.005	0.22	7.18	24.0	1270	1.42	0.82	2.79	0.40	45.5	10.9	7	22.2	9.2
N811797		1.69	0.009	0.27	6.40	38.8	1270	1.27	0.44	2.52	0.72	41.7	8.2	9	17.90	9.0
N811798		3.52	<0.005	0.12	7.55	7.6	1260	1.59	0.24	2.71	0.18	43.1	8.3	8	20.9	11.4
N811799		1.79	0.065	3.02	7.06	331	1140	1.59	0.78	3.30	1.55	47.0	9.8	8	25.2	24.0
N811800		2.42	<0.005	0.01	0.08	<5	30	<0.05	0.02	20.5	0.05	1.27	1.4	<1	0.21	2.3
N811801		3.60	<0.005	0.11	7.40	5.8	1700	1.43	0.16	3.16	0.09	41.4	8.9	8	23.4	10.5
N811802		4.43	<0.005	0.39	6.85	36.6	3160	1.19	0.74	3.35	0.15	46.9	9.0	7	17.00	154.5
N811803		1.95	<0.005	0.24	7.28	14.2	1040	1.31	0.80	3.22	0.24	45.0	9.5	8	31.0	19.9
N811804		3.14	<0.005	0.11	7.38	4.2	1820	1.41	0.43	3.04	0.07	44.3	9.7	8	21.5	8.5



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**CERTIFICATE OF ANALYSIS WH12199380**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811769		2.99	16.80	0.14	1.5	0.038	2.66	21.4	117.0	1.00	819	1.30	0.15	8.8	3.1	640
N811770		3.41	17.35	0.17	1.4	0.048	2.85	19.6	31.4	0.88	1390	2.08	0.73	8.5	3.1	680
N811771		3.81	16.60	0.17	1.3	0.164	3.01	23.9	46.9	0.82	4830	0.68	0.05	7.7	2.8	610
N811772		3.26	17.35	0.17	1.5	0.034	2.63	22.5	51.7	0.89	853	1.79	1.25	8.1	3.1	660
N811773		3.28	18.00	0.18	1.5	0.039	2.71	21.0	18.4	0.77	767	0.78	1.19	8.5	2.7	700
N811774		3.47	17.65	0.18	1.4	0.054	2.16	20.2	16.3	0.97	793	0.76	1.53	8.1	3.1	660
N811775		3.07	16.70	0.17	1.4	0.033	2.54	19.8	21.9	0.79	714	1.64	1.43	7.9	2.9	610
N811776		3.29	17.55	0.17	1.4	0.037	2.58	19.6	12.7	0.90	744	3.38	1.99	8.3	3.1	660
N811777		5.42	16.25	0.19	1.3	0.963	2.85	22.9	22.8	0.72	2050	13.60	0.27	7.9	15.8	500
N811778		3.31	17.20	0.18	1.4	0.033	2.75	21.3	45.5	1.07	1190	2.17	0.41	8.2	3.2	650
N811779		3.20	16.70	0.15	1.3	0.032	2.42	18.0	24.1	0.89	782	1.22	1.66	8.1	3.1	640
N811780		3.46	17.55	0.17	1.4	0.036	2.47	19.6	10.0	0.94	683	2.42	2.30	8.6	3.1	680
N811781		3.50	18.05	0.15	1.4	0.039	2.57	19.1	38.8	0.87	1040	2.18	0.36	8.6	3.0	690
N811782		3.24	16.20	0.15	1.2	0.041	3.08	18.7	15.3	1.17	2610	2.80	0.04	6.7	2.9	520
N811783		0.49	0.36	0.14	<0.1	<0.005	0.03	0.6	1.0	12.75	213	0.13	<0.01	0.3	3.0	170
N811784		3.17	16.90	0.15	1.3	0.044	3.23	20.9	101.5	0.81	1630	3.95	0.07	8.1	2.7	650
N811785		3.08	16.40	0.16	1.3	0.031	2.43	20.6	10.1	0.84	709	5.16	1.70	7.8	3.2	610
N811786		3.17	16.95	0.15	1.3	0.030	2.51	19.7	10.2	0.93	716	12.50	1.93	8.1	2.8	640
N811787		3.27	17.35	0.16	1.4	0.031	2.55	21.0	10.6	0.95	738	17.00	1.95	8.2	3.3	630
N811788		3.23	17.35	0.17	1.4	0.032	2.60	23.2	10.9	0.98	684	1.08	2.29	8.3	3.0	630
N811789		6.78	15.75	0.20	1.0	1.785	2.67	22.7	22.3	0.94	1980	14.20	0.04	6.3	16.0	450
N811790		3.15	17.05	0.17	1.2	0.034	2.52	22.9	14.3	0.88	738	1.24	1.90	7.8	2.9	610
N811791		3.02	17.25	0.15	1.2	0.041	2.37	21.3	30.6	0.83	821	1.05	1.82	7.5	2.7	580
N811792		3.38	17.15	0.19	1.2	0.047	2.58	21.8	22.1	0.94	889	9.25	1.31	8.2	3.1	640
N811793		3.43	17.25	0.17	1.3	0.037	2.71	20.6	29.1	0.90	821	1.40	1.39	8.3	3.1	670
N811794		3.22	16.50	0.16	1.1	0.036	2.53	20.1	136.0	0.72	759	0.39	0.62	7.7	2.9	630
N811795		3.37	17.85	0.18	1.2	0.038	2.65	20.5	33.7	0.83	833	2.04	1.58	8.2	2.9	670
N811796		3.48	16.45	0.17	1.2	0.088	3.19	23.7	32.9	0.92	1960	109.5	0.04	7.3	3.0	580
N811797		3.97	14.95	0.16	1.1	0.169	2.97	21.9	24.4	0.93	2390	38.7	0.03	6.7	2.7	520
N811798		3.48	17.00	0.16	1.3	0.060	2.81	21.7	92.5	0.88	1190	7.19	0.43	8.0	3.0	620
N811799		3.85	16.40	0.18	1.1	0.111	2.48	25.6	182.0	1.03	3210	1.66	0.03	7.4	3.2	580
N811800		0.47	0.34	0.18	<0.1	<0.005	0.03	0.6	1.5	12.50	210	0.23	<0.01	0.3	3.1	180
N811801		3.27	17.60	0.14	1.2	0.036	2.61	20.1	32.2	0.84	762	1.61	1.38	8.1	2.8	650
N811802		3.01	14.80	0.15	1.2	0.034	2.29	24.5	26.5	1.05	847	5.06	0.89	7.6	2.7	600
N811803		3.08	16.90	0.15	1.2	0.035	2.75	22.9	58.6	0.96	890	4.95	0.33	8.0	3.0	620
N811804		3.37	17.55	0.18	1.2	0.036	2.59	21.6	16.6	0.94	747	4.31	2.00	8.5	3.0	660



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**CERTIFICATE OF ANALYSIS WH12199380**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N811769		16.2	119.0	<0.002	0.17	14.10	12.5	1	1.8	224	0.83	<0.05	13.0	0.302	5.6
N811770		15.7	129.0	<0.002	0.15	16.15	13.2	2	1.9	219	0.70	<0.05	10.6	0.325	4.0
N811771		327	180.0	<0.002	0.28	17.75	12.6	1	2.4	128.0	0.66	<0.05	12.3	0.285	4.2
N811772		14.3	126.5	<0.002	0.05	7.81	12.2	1	1.8	218	0.71	<0.05	12.6	0.289	4.1
N811773		14.4	111.0	<0.002	0.03	6.47	13.4	1	2.1	230	0.68	<0.05	12.3	0.331	3.4
N811774		12.2	91.5	<0.002	0.04	6.64	12.8	2	2.3	272	0.65	<0.05	10.9	0.315	3.4
N811775		13.3	111.0	<0.002	0.03	4.26	12.2	1	1.5	318	0.67	<0.05	11.8	0.288	4.1
N811776		14.7	102.5	<0.002	0.02	4.11	12.0	1	1.8	378	0.70	<0.05	11.0	0.307	3.9
N811777		1405	169.5	<0.002	3.12	34.7	9.1	2	6.2	155.0	0.62	0.29	11.8	0.218	5.4
N811778		14.9	127.0	<0.002	0.10	12.95	12.3	2	1.7	173.5	0.71	<0.05	12.2	0.306	5.1
N811779		10.4	117.0	<0.002	0.06	9.27	12.1	2	1.6	241	0.70	<0.05	10.8	0.298	4.0
N811780		14.1	102.5	<0.002	0.02	3.96	13.2	2	1.8	399	0.75	<0.05	12.3	0.318	4.9
N811781		12.4	125.5	<0.002	0.06	11.70	14.1	2	1.9	151.0	0.77	<0.05	12.5	0.325	2.9
N811782		41.2	194.0	<0.002	0.42	27.3	10.9	1	1.8	116.5	0.60	<0.05	11.3	0.246	3.5
N811783		1.2	2.3	<0.002	<0.01	0.09	0.3	1	<0.2	44.3	<0.05	<0.05	<0.2	<0.005	0.5
N811784		22.8	193.5	<0.002	0.18	25.0	12.6	1	1.9	165.0	0.70	<0.05	11.9	0.306	4.4
N811785		10.0	136.0	<0.002	0.03	4.74	12.0	2	2.0	300	0.66	<0.05	12.3	0.289	4.4
N811786		12.6	112.5	0.002	0.04	4.17	12.2	2	1.9	366	0.69	<0.05	11.5	0.295	4.8
N811787		13.5	113.5	0.002	0.04	4.26	12.5	1	2.0	372	0.71	<0.05	12.2	0.301	5.1
N811788		13.1	110.0	<0.002	0.01	1.59	12.9	2	2.0	416	0.72	<0.05	14.1	0.300	4.7
N811789		2950	169.5	<0.002	4.89	94.6	8.4	2	8.4	95.4	0.49	0.38	10.6	0.189	5.6
N811790		12.5	119.0	<0.002	0.01	2.39	12.2	2	2.4	331	0.64	<0.05	12.8	0.285	3.8
N811791		20.1	134.5	<0.002	0.07	4.44	11.2	1	2.3	252	0.63	<0.05	12.8	0.273	3.5
N811792		15.0	126.0	<0.002	0.02	3.84	12.3	1	2.5	295	0.68	<0.05	12.0	0.298	3.1
N811793		15.5	121.0	<0.002	0.01	3.90	12.3	1	2.4	314	0.71	<0.05	11.8	0.309	3.1
N811794		13.1	119.0	<0.002	0.03	15.60	12.8	2	2.7	243	0.61	<0.05	9.9	0.301	2.8
N811795		14.1	110.0	<0.002	0.02	3.70	12.6	2	2.5	368	0.66	<0.05	12.0	0.310	3.3
N811796		17.5	201	0.021	0.26	14.40	11.9	2	2.6	129.5	0.61	0.05	12.7	0.274	4.5
N811797		76.5	202	0.007	0.54	12.90	10.7	1	2.9	111.0	0.58	<0.05	12.6	0.251	4.4
N811798		16.2	144.0	0.002	0.13	10.10	12.1	1	2.3	208	0.69	<0.05	13.3	0.294	3.4
N811799		488	153.5	<0.002	1.37	22.9	11.7	1	3.4	193.0	0.61	<0.05	12.8	0.271	5.7
N811800		1.4	1.6	<0.002	<0.01	0.09	0.3	1	<0.2	46.6	<0.05	<0.05	<0.2	<0.005	0.7
N811801		14.3	112.0	<0.002	0.03	5.42	11.9	1	2.3	371	0.68	<0.05	10.8	0.305	4.7
N811802		8.7	126.5	<0.002	0.11	31.2	11.7	2	1.8	250	0.66	<0.05	13.3	0.282	5.1
N811803		16.1	127.0	<0.002	0.06	11.55	11.6	1	1.9	252	0.68	<0.05	12.3	0.290	4.6
N811804		13.8	113.0	<0.002	0.01	2.97	13.0	2	2.1	409	0.69	<0.05	12.2	0.315	4.3



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**CERTIFICATE OF ANALYSIS WH12199380**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811769		82	4.2	15.2	59	39.2	1
N811770		92	3.3	15.4	67	36.7	1
N811771		83	2.3	14.7	102	36.1	1
N811772		83	1.6	14.7	61	42.0	<1
N811773		91	3.1	15.4	49	39.9	<1
N811774		89	3.1	15.2	52	37.2	<1
N811775		84	1.6	15.0	51	36.3	<1
N811776		87	1.6	14.6	54	36.9	<1
N811777		57	5.0	12.0	2970	40.0	10
N811778		86	2.8	16.2	66	35.3	<1
N811779		83	2.0	13.2	62	34.5	1
N811780		91	1.8	15.5	53	35.8	<1
N811781		94	3.4	16.4	65	34.0	<1
N811782		81	2.4	16.1	62	30.2	1
N811783		2	0.1	0.9	12	<0.5	<1
N811784		91	2.0	14.3	78	32.8	<1
N811785		82	6.1	13.8	51	33.0	<1
N811786		84	8.2	15.1	45	35.6	<1
N811787		86	8.3	15.5	47	35.9	<1
N811788		84	2.0	17.3	45	35.5	<1
N811789		57	5.1	10.6	5650	27.2	25
N811790		81	6.8	15.7	56	34.8	<1
N811791		80	3.1	12.1	69	33.2	<1
N811792		83	3.9	15.1	71	33.1	<1
N811793		85	5.5	14.2	71	34.3	1
N811794		86	4.8	14.3	64	25.9	<1
N811795		87	2.3	15.4	59	31.6	<1
N811796		80	2.4	14.1	89	30.9	<1
N811797		72	2.2	12.9	125	28.5	<1
N811798		82	2.3	14.2	77	33.2	<1
N811799		76	3.9	14.0	177	28.7	3
N811800		2	0.1	0.8	12	<0.5	<1
N811801		86	1.4	15.1	51	29.6	<1
N811802		73	3.1	13.7	68	30.3	1
N811803		83	4.7	14.3	55	31.4	<1
N811804		91	6.2	16.3	53	31.3	<1



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**CERTIFICATE OF ANALYSIS WH12199380**

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



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**CERTIFICATE WH12199381**

Project: Klaza - 101

P.O. No.: Batch 6

This report is for 15 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12199381**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811805		2.57	<0.005	0.04	6.74	3.7	1850	1.43	0.15	2.90	0.05	37.2	9.1	8	15.45	5.5
N811806		1.89	<0.005	0.14	6.93	4.8	1850	1.38	0.17	2.83	0.07	34.5	8.9	9	28.0	5.4
N811807		0.26	2.24	27.4	5.86	3370	450	1.43	19.90	2.20	80.6	44.0	11.0	18	14.65	435
N811808		2.40	0.005	0.47	6.48	61.8	1700	1.25	0.23	5.06	0.27	43.9	9.0	5	18.60	4.5
N811809		2.52	<0.005	0.14	6.93	12.8	1700	1.46	0.09	3.31	0.13	44.2	8.3	8	14.35	3.4
N811810		5.00	0.006	0.17	6.79	19.9	990	1.34	0.23	3.78	0.18	46.5	9.0	7	20.9	4.7
N811811		4.09	<0.005	0.03	0.08	5	20	0.12	0.02	21.3	0.07	1.41	0.6	<1	0.30	1.6
N811812		2.89	<0.005	0.10	7.21	4.7	1100	1.54	0.10	2.09	0.09	39.2	8.0	7	20.4	15.8
N811813		4.85	0.007	0.22	6.76	16.3	1100	1.52	0.39	2.70	0.11	36.3	9.5	8	16.60	9.1
N811814		2.23	<0.005	0.09	6.42	4.1	1270	1.57	0.10	3.49	0.08	42.2	8.5	9	16.95	10.8
N811815		2.72	<0.005	0.08	6.29	2.9	1380	1.35	0.09	3.07	0.06	32.0	8.6	8	12.85	9.7
N811816		2.04	0.009	0.15	7.14	6.4	1450	1.51	0.13	2.60	0.11	38.1	10.2	8	18.50	23.4
N811817		1.59	<0.005	1.02	7.11	3.2	2210	1.65	0.21	2.86	0.40	42.9	10.5	9	15.85	297
N811818		0.78	<0.005	1.37	7.13	6.3	2210	1.52	0.30	2.95	0.36	40.2	10.7	9	16.40	386
N811819		1.71	0.046	1.68	6.91	26.0	1520	1.45	1.18	2.35	0.46	40.7	9.3	7	15.35	162.5





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**CERTIFICATE OF ANALYSIS WH12199381**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N811805		3.21	16.70	0.14	1.3	0.039	2.43	18.3	15.2	0.76	646	2.56	1.70	7.9	2.8	630
N811806		3.19	17.45	0.14	1.5	0.035	2.53	17.9	55.2	0.77	706	7.62	0.97	8.2	3.0	650
N811807		6.55	14.25	0.13	1.0	1.675	2.64	24.5	23.3	0.90	1900	12.85	0.04	6.0	15.5	450
N811808		3.42	14.00	0.15	1.1	0.044	2.29	24.9	53.6	1.54	1760	6.38	0.18	6.7	2.6	540
N811809		3.34	15.45	0.12	1.4	0.042	3.08	24.1	28.8	1.09	2260	4.24	0.12	7.6	2.6	640
N811810		3.26	15.05	0.14	1.2	0.035	2.70	24.6	44.5	1.18	2080	4.97	0.06	7.2	2.7	580
N811811		0.48	0.27	0.12	<0.1	<0.005	0.04	0.7	1.3	12.70	218	0.08	<0.01	0.2	2.3	180
N811812		3.18	15.95	0.14	1.3	0.032	2.34	20.4	49.8	0.74	672	0.98	0.06	7.6	2.6	650
N811813		3.05	15.40	0.13	1.2	0.037	3.02	20.2	29.5	0.92	861	2.82	0.05	7.1	2.7	600
N811814		3.13	15.55	0.16	1.3	0.036	2.70	22.0	26.4	0.75	1220	1.21	0.63	7.4	2.7	620
N811815		2.90	15.55	0.13	1.2	0.033	2.33	16.8	20.1	0.69	808	4.08	1.18	7.0	2.7	600
N811816		3.30	17.40	0.14	1.1	0.034	2.41	20.2	38.6	0.80	773	7.93	0.59	7.7	3.0	670
N811817		3.31	17.40	0.14	1.2	0.066	2.52	21.6	13.7	0.90	741	7.93	1.99	7.8	3.1	660
N811818		3.40	17.65	0.15	1.2	0.085	2.57	20.6	14.6	0.91	886	7.61	1.96	8.2	3.0	680
N811819		4.09	15.95	0.13	1.3	0.119	2.44	21.0	30.7	0.75	1230	6.84	1.36	7.1	2.7	600



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**CERTIFICATE OF ANALYSIS WH12199381**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811805		12.7	99.1	<0.002	0.01	2.70	12.4	1	1.7	392	0.66	<0.05	11.2	0.285	1.27	5.0
N811806		14.0	93.7	<0.002	0.01	6.11	12.4	<1	1.7	322	0.77	<0.05	11.2	0.293	1.29	4.6
N811807		2810	179.0	<0.002	4.76	96.5	8.6	1	7.8	90.5	0.51	0.39	12.1	0.182	2.44	6.1
N811808		12.9	141.0	0.002	0.20	12.65	10.9	<1	1.4	223	0.54	<0.05	12.6	0.236	1.61	7.7
N811809		9.2	172.5	<0.002	0.14	9.46	12.6	<1	1.6	172.5	0.66	<0.05	12.0	0.281	2.55	5.0
N811810		10.6	166.5	0.002	0.16	12.65	11.9	<1	1.5	180.5	0.65	<0.05	12.4	0.261	2.12	4.1
N811811		1.4	2.6	<0.002	<0.01	0.08	0.3	<1	<0.2	40.9	<0.05	<0.05	0.4	<0.005	<0.02	0.6
N811812		13.0	99.2	<0.002	0.02	16.75	12.3	<1	1.6	169.5	0.76	<0.05	12.3	0.281	1.29	2.6
N811813		10.0	131.0	<0.002	0.14	63.3	11.7	1	1.6	142.5	0.62	<0.05	11.4	0.272	1.80	3.9
N811814		10.0	141.5	<0.002	0.05	24.5	12.6	<1	1.6	209	0.68	<0.05	11.3	0.271	1.78	3.9
N811815		11.7	96.4	0.003	0.02	9.06	10.5	<1	1.6	243	0.56	<0.05	9.4	0.266	1.24	3.6
N811816		15.1	108.0	<0.002	0.04	13.15	13.3	<1	2.0	217	0.59	<0.05	9.3	0.296	1.36	3.0
N811817		18.3	108.0	<0.002	0.05	2.34	12.8	<1	2.2	429	0.64	<0.05	12.6	0.293	1.24	4.4
N811818		18.5	112.5	<0.002	0.05	4.67	13.1	1	2.2	424	0.63	<0.05	11.5	0.311	1.32	3.8
N811819		37.8	122.5	0.002	0.24	5.13	11.8	1	2.7	326	0.61	<0.05	16.5	0.264	1.36	4.9



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**CERTIFICATE OF ANALYSIS    WH12199381**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
		V	W	Y	Zn	Zr	Ag
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 1
N811805		87	5.7	15.0	48	28.3	<1
N811806		91	6.6	15.5	49	32.9	<1
N811807		57	5.7	10.6	5350	24.2	24
N811808		72	4.9	15.9	73	23.9	<1
N811809		82	2.5	15.3	67	27.9	<1
N811810		77	3.9	15.3	59	26.5	<1
N811811		2	0.1	1.0	14	0.5	<1
N811812		87	4.0	12.9	56	26.3	<1
N811813		86	3.5	12.5	60	25.2	<1
N811814		86	2.9	13.8	66	25.4	<1
N811815		80	3.7	11.4	48	25.5	<1
N811816		96	5.4	14.5	55	23.4	<1
N811817		89	11.1	15.8	53	27.3	1
N811818		94	11.6	16.4	58	27.9	1
N811819		82	13.7	13.8	79	26.7	2

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



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**CERTIFICATE OF ANALYSIS WH12199381**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12199382**

Project: Klaza - 108

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12199382**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814860		4.37	<0.005	0.18	7.21	5.5	2000	1.59	0.47	2.68	0.29	42.8	8.3	9	11.70	26.3
N814861		3.82	<0.005	0.13	6.67	10.9	1380	1.52	0.22	2.85	0.27	37.6	8.0	7	23.3	19.9
N814862		2.70	<0.005	0.12	6.74	4.8	1920	1.55	0.22	2.67	0.22	40.9	8.0	8	14.65	13.1
N814863		3.90	<0.005	0.16	6.47	6.1	1630	1.50	0.22	2.82	0.20	39.1	6.8	8	15.60	19.7
N814864		2.30	<0.005	0.29	5.86	13.4	2290	1.46	0.30	2.80	0.26	41.3	4.1	5	21.3	41.3
N814865		4.06	<0.005	0.16	6.56	5.2	1650	1.65	0.23	2.27	0.17	41.1	4.5	6	14.40	15.7
N814866		0.26	0.748	9.59	6.27	1720	170	1.47	6.74	1.88	40.7	42.1	16.9	19	16.75	109.5
N814867		5.20	<0.005	0.23	6.21	12.7	2040	1.63	0.45	1.94	0.26	42.0	4.8	7	17.80	13.2
N814868		1.87	<0.005	0.15	7.24	4.3	1890	1.70	0.32	3.11	0.15	49.6	8.7	9	12.05	10.8
N814869		0.80	<0.005	0.18	7.19	5.5	1810	1.75	0.50	2.89	0.17	43.3	9.3	11	14.05	11.0
N814870		3.36	<0.005	0.14	7.25	3.1	2010	1.57	0.25	2.84	0.18	46.6	8.5	10	10.00	9.0
N814871		5.59	<0.005	0.20	6.78	4.6	1710	1.57	0.35	3.03	0.12	40.6	8.0	10	16.15	15.6
N814872		4.94	<0.005	0.16	6.93	3.4	1970	1.53	0.26	2.96	0.14	43.8	8.3	9	10.85	20.1
N814873		2.09	<0.005	0.27	6.68	24.0	1530	1.50	0.37	3.35	0.19	39.0	8.3	9	19.25	31.1
N814874		2.07	<0.005	0.01	0.15	<5	30	0.10	0.02	21.5	0.07	1.52	1.7	<1	0.48	2.5
N814875		1.49	<0.005	0.15	6.52	4.8	1370	1.44	0.29	3.05	0.15	39.2	7.7	8	13.30	22.5
N814876		5.52	<0.005	0.19	6.27	7.8	1760	1.37	0.42	3.61	0.24	37.8	6.8	7	14.15	15.5
N814877		1.69	<0.005	0.16	7.25	2.2	1990	1.45	0.39	3.02	0.13	46.7	8.1	9	9.74	8.6
N814878		4.98	<0.005	0.14	7.32	2.2	2060	1.56	0.39	2.93	0.13	47.2	8.8	10	10.00	13.7
N814879		0.26	0.777	9.11	6.46	1750	180	1.58	6.89	1.91	40.5	42.7	17.2	19	16.65	110.5
N814880		4.83	<0.005	0.18	7.30	3.8	1960	1.65	0.37	3.05	0.20	47.4	8.6	8	11.55	11.9
N814881		5.16	<0.005	0.25	7.29	2.5	2040	1.58	0.45	2.77	0.20	44.8	7.9	10	13.05	33.4
N814882		4.06	<0.005	0.25	6.90	5.1	2000	1.48	0.64	2.93	0.21	36.9	7.1	9	15.55	25.1
N814883		1.96	0.005	0.22	6.81	17.3	1240	1.33	0.51	3.21	0.26	45.4	7.4	8	15.75	8.4
N814884		3.74	0.005	0.17	6.82	17.2	1320	1.38	0.59	2.74	0.14	39.0	7.1	8	18.10	6.5
N814885		2.04	0.028	0.20	6.87	6.8	1950	1.54	0.63	2.98	0.16	41.7	8.1	9	13.75	10.3
N814886		<0.02	<0.005	0.18	7.02	6.3	1970	1.47	0.52	3.01	0.15	42.4	7.9	9	13.80	10.7
N814887		3.00	<0.005	0.16	7.06	2.7	2030	1.48	0.50	2.90	0.15	37.7	8.3	11	10.50	8.3
N814888		2.26	<0.005	0.27	6.36	23.5	1540	1.43	0.68	3.11	0.27	38.4	7.6	7	16.25	12.0
N814889		3.02	<0.005	0.01	0.07	<5	20	0.06	0.02	21.2	0.06	1.37	1.6	<1	0.29	1.9
N814890		4.27	<0.005	0.14	6.66	2.4	1930	1.46	0.33	2.85	0.18	36.4	7.8	10	11.05	11.0
N814891		2.10	<0.005	0.40	6.17	6.8	1600	1.32	0.64	4.16	0.36	35.7	7.8	7	18.10	16.3
N814892		3.25	<0.005	0.81	7.05	13.9	1720	1.40	0.84	2.75	2.16	40.9	7.8	12	13.40	17.1
N814893		2.04	0.011	1.64	6.71	26.2	1700	1.44	2.44	2.83	1.16	37.2	8.5	9	15.85	38.8
N814894		4.18	<0.005	0.61	6.64	19.8	1730	1.59	0.68	2.95	0.64	36.2	7.5	10	14.25	71.9
N814895		5.79	<0.005	0.38	6.73	13.6	1730	1.62	1.47	2.91	0.14	38.4	7.6	10	14.90	49.1



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**CERTIFICATE OF ANALYSIS WH12199382**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814860		2.99	17.05	0.15	1.2	0.112	2.72	22.7	13.7	0.70	556	2.89	2.17	9.0	4.0	610
N814861		2.82	16.70	0.18	1.3	0.082	2.54	19.3	32.1	0.59	600	6.98	0.96	8.7	2.9	580
N814862		2.82	16.05	0.17	1.2	0.056	2.59	21.5	10.7	0.70	598	2.82	2.10	8.4	2.9	550
N814863		2.56	14.85	0.17	1.3	0.045	2.76	20.9	13.8	0.58	591	5.41	1.71	8.1	2.4	500
N814864		1.83	12.40	0.15	1.5	0.033	2.31	24.6	18.4	0.67	511	6.23	0.73	7.1	1.7	260
N814865		1.83	14.60	0.17	1.5	0.029	2.96	23.5	17.5	0.43	399	2.44	1.64	8.1	1.8	360
N814866		5.07	15.10	0.20	1.3	0.975	2.87	22.3	26.2	0.68	1960	13.25	0.26	8.2	16.5	490
N814867		2.12	13.95	0.15	1.5	0.086	2.51	23.2	34.6	0.53	1100	2.98	0.47	8.2	2.0	390
N814868		3.14	16.75	0.22	1.5	0.045	2.52	26.6	7.9	0.80	626	1.63	2.17	8.7	3.0	620
N814869		3.12	17.15	0.18	1.4	0.050	2.64	22.5	8.8	0.74	612	1.70	2.14	9.4	3.2	640
N814870		3.04	16.50	0.20	1.4	0.041	2.61	24.6	11.2	0.86	614	2.12	2.27	8.6	2.9	610
N814871		2.85	15.80	0.19	1.3	0.047	2.54	21.5	9.3	0.80	649	2.12	2.11	8.4	2.8	590
N814872		2.90	16.10	0.18	1.2	0.046	2.49	22.6	9.8	0.84	572	1.75	2.37	8.3	2.8	610
N814873		2.88	16.15	0.20	1.2	0.049	2.71	20.0	13.9	0.79	599	1.93	1.21	8.5	2.9	620
N814874		0.49	0.64	0.15	<0.1	<0.005	0.07	0.7	2.8	12.90	221	0.23	0.01	0.5	1.9	170
N814875		2.70	16.35	0.17	1.2	0.049	2.35	20.5	9.9	0.81	575	0.68	2.00	8.3	2.7	590
N814876		2.62	15.40	0.19	1.2	0.044	2.22	19.8	18.9	1.04	689	1.81	1.21	7.8	2.4	560
N814877		3.24	16.60	0.17	1.2	0.046	2.58	24.6	13.3	1.00	600	1.79	2.48	8.6	2.9	650
N814878		3.22	16.15	0.19	1.2	0.050	2.52	24.8	17.9	1.06	573	1.04	2.44	8.8	2.8	650
N814879		5.23	15.25	0.21	1.3	0.952	2.93	22.7	27.0	0.70	2000	12.35	0.27	7.8	16.8	500
N814880		3.10	16.65	0.18	1.4	0.047	2.58	24.8	20.8	0.91	545	1.40	2.27	8.9	2.9	640
N814881		3.13	15.70	0.17	1.4	0.047	2.67	23.3	16.7	0.91	520	3.27	2.47	8.6	3.0	630
N814882		2.98	15.80	0.16	1.2	0.047	2.57	19.0	17.2	0.63	506	1.59	2.17	8.4	2.7	630
N814883		3.37	15.65	0.18	1.1	0.129	2.76	24.3	38.6	1.00	1460	0.85	0.51	7.9	2.6	600
N814884		3.12	15.70	0.17	1.1	0.059	2.68	20.1	52.3	0.82	1020	6.49	0.68	7.9	3.0	650
N814885		3.10	16.60	0.18	1.1	0.049	2.62	21.5	12.4	0.85	590	23.9	2.29	8.5	3.0	630
N814886		3.14	16.60	0.17	1.2	0.049	2.66	22.0	12.5	0.85	594	24.7	2.32	8.4	3.2	630
N814887		3.33	16.45	0.19	1.1	0.046	2.39	19.2	15.6	0.86	508	5.40	2.43	8.7	3.2	690
N814888		3.02	15.05	0.19	1.1	0.045	2.77	18.3	21.8	0.88	1560	1.38	1.39	8.0	2.7	590
N814889		0.47	0.44	0.13	<0.1	0.005	0.03	0.6	1.1	12.75	215	0.17	0.01	0.4	0.9	190
N814890		3.16	15.85	0.17	1.2	0.040	2.60	18.5	12.6	0.82	534	1.56	2.41	7.8	2.6	620
N814891		3.22	15.05	0.17	1.2	0.045	2.35	17.7	39.7	1.06	739	2.27	0.97	7.9	2.6	600
N814892		3.54	15.95	0.18	1.2	0.071	2.32	20.1	19.1	0.89	830	1.65	2.19	8.5	2.9	660
N814893		3.39	15.10	0.16	1.3	0.065	2.43	19.5	37.3	0.89	1260	2.45	0.84	8.3	2.9	600
N814894		3.35	15.00	0.17	1.3	0.065	2.68	18.2	19.1	0.83	1220	0.65	1.72	8.1	2.8	630
N814895		3.29	15.65	0.20	1.3	0.048	2.66	18.7	15.2	0.81	695	2.98	1.86	8.2	2.8	630



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**CERTIFICATE OF ANALYSIS WH12199382**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814860		23.6	107.0	<0.002	0.02	1.74	10.9	1	3.0	366	0.71	<0.05	11.4	0.271	1.10	1.6
N814861		21.7	88.4	<0.002	0.04	6.75	10.3	1	3.0	223	0.72	<0.05	11.6	0.258	1.43	3.1
N814862		20.9	98.3	<0.002	0.01	1.90	10.2	1	1.9	365	0.69	<0.05	11.4	0.249	1.07	2.3
N814863		20.9	99.9	<0.002	0.02	3.93	8.7	1	2.0	280	0.74	<0.05	12.8	0.224	1.19	2.5
N814864		24.7	93.2	<0.002	0.07	11.50	4.7	1	1.4	138.5	0.79	<0.05	17.2	0.121	1.22	3.3
N814865		20.6	117.5	<0.002	0.02	4.99	6.8	1	1.6	252	0.81	<0.05	15.5	0.170	1.21	2.8
N814866		1355	158.5	0.002	3.02	34.4	8.9	2	5.9	143.5	0.64	0.30	11.6	0.206	2.67	5.1
N814867		23.6	98.7	<0.002	0.10	17.25	7.0	1	2.3	122.5	0.94	<0.05	15.1	0.183	1.61	5.7
N814868		20.9	103.5	<0.002	0.02	2.53	12.0	2	1.9	394	0.82	<0.05	13.6	0.270	1.01	3.4
N814869		24.4	100.0	<0.002	0.04	3.43	11.8	2	2.0	390	0.81	<0.05	11.8	0.289	1.12	4.1
N814870		20.1	92.1	<0.002	0.01	1.45	11.3	2	1.8	387	0.71	<0.05	13.6	0.273	1.01	4.0
N814871		16.8	90.7	<0.002	0.03	3.25	10.6	1	2.1	313	0.71	<0.05	11.8	0.268	1.16	4.4
N814872		17.8	81.9	<0.002	0.01	2.59	11.2	2	1.8	367	0.72	<0.05	12.0	0.278	0.98	2.7
N814873		20.3	90.2	<0.002	0.12	35.6	10.9	2	1.8	283	0.70	<0.05	10.3	0.276	1.25	3.8
N814874		1.5	3.7	<0.002	<0.01	0.07	0.4	1	<0.2	45.1	<0.05	<0.05	0.2	0.007	0.02	0.6
N814875		16.9	85.4	<0.002	0.03	5.28	11.1	1	2.3	312	0.67	<0.05	9.6	0.269	1.15	3.5
N814876		18.5	79.5	<0.002	0.07	9.16	10.1	1	2.8	222	0.65	<0.05	9.9	0.250	1.16	4.0
N814877		17.5	78.2	<0.002	<0.01	0.95	11.7	1	2.2	412	0.67	<0.05	11.5	0.301	0.91	2.6
N814878		16.5	89.7	<0.002	0.01	0.81	11.9	2	2.3	427	0.66	<0.05	10.5	0.291	0.90	2.4
N814879		1400	158.0	<0.002	3.11	33.3	9.3	2	5.7	144.5	0.66	0.30	12.3	0.211	2.71	5.4
N814880		19.3	97.5	<0.002	0.01	1.71	11.8	2	3.3	398	0.77	<0.05	11.9	0.284	0.95	2.3
N814881		17.6	96.6	0.002	0.04	1.19	11.3	2	4.3	402	0.69	<0.05	11.5	0.284	1.04	2.5
N814882		16.2	88.9	<0.002	0.17	2.33	10.7	2	5.5	367	0.64	<0.05	10.3	0.283	1.09	2.5
N814883		20.5	105.5	<0.002	0.35	6.42	10.8	1	5.4	154.0	0.61	<0.05	13.2	0.268	1.79	9.7
N814884		16.3	98.5	0.004	0.15	5.15	12.2	1	4.6	165.0	0.63	<0.05	11.1	0.294	1.83	4.6
N814885		17.1	87.7	0.005	0.05	2.20	11.6	2	3.8	357	0.65	<0.05	10.9	0.287	1.16	2.7
N814886		17.2	89.6	0.006	0.04	2.23	11.3	1	3.7	364	0.66	<0.05	11.1	0.287	1.15	2.8
N814887		17.1	76.6	0.002	0.02	1.34	11.6	2	3.0	415	0.61	<0.05	9.3	0.291	0.94	2.3
N814888		17.6	96.5	<0.002	0.15	4.83	10.3	1	5.1	240	0.63	<0.05	9.5	0.267	1.70	4.9
N814889		1.3	2.0	<0.002	<0.01	<0.05	0.6	1	<0.2	43.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N814890		19.3	80.2	0.002	0.01	1.23	10.8	1	2.8	370	0.63	<0.05	9.2	0.274	0.96	1.7
N814891		32.2	69.3	0.002	0.04	7.12	10.3	1	4.4	224	0.64	<0.05	9.0	0.268	1.14	3.8
N814892		116.0	89.1	<0.002	0.12	3.18	11.5	2	5.4	326	0.64	<0.05	10.4	0.290	1.14	2.5
N814893		124.0	87.6	0.002	0.23	9.21	10.6	2	6.1	198.0	0.66	<0.05	10.0	0.270	1.75	4.3
N814894		146.5	91.4	<0.002	0.20	4.04	10.8	2	5.2	302	0.71	<0.05	9.4	0.282	1.68	3.5
N814895		20.4	90.3	<0.002	0.28	5.53	11.0	2	5.7	317	0.72	<0.05	10.3	0.283	1.47	3.0





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**CERTIFICATE OF ANALYSIS WH12199382**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814860		74	5.1	15.0	87	39.8	<1
N814861		73	2.7	13.1	77	38.6	1
N814862		69	1.6	14.7	62	33.3	<1
N814863		63	1.7	12.4	55	37.8	1
N814864		29	1.6	10.2	47	47.7	<1
N814865		42	1.3	11.2	41	45.1	<1
N814866		56	5.4	11.8	2980	42.8	10
N814867		47	2.1	11.1	54	41.1	<1
N814868		79	1.9	17.5	52	42.8	1
N814869		82	2.1	15.8	55	43.9	1
N814870		77	1.2	16.6	51	42.8	<1
N814871		76	1.1	13.6	48	40.2	1
N814872		79	0.9	14.2	47	35.6	1
N814873		79	2.2	12.9	51	35.9	<1
N814874		3	0.1	1.1	15	0.5	<1
N814875		76	1.3	13.9	47	36.9	1
N814876		70	2.1	13.8	55	38.7	1
N814877		87	0.6	17.0	43	35.2	1
N814878		84	0.6	18.2	41	35.4	<1
N814879		58	5.5	11.6	3040	40.8	10
N814880		80	2.0	17.6	41	39.7	<1
N814881		80	1.4	16.8	41	41.3	<1
N814882		80	2.2	13.8	38	36.7	1
N814883		80	3.5	15.6	67	35.7	1
N814884		86	2.9	13.9	47	33.6	<1
N814885		83	1.6	16.2	39	33.6	<1
N814886		83	1.7	16.1	41	35.5	<1
N814887		84	1.8	15.8	39	34.3	1
N814888		75	1.8	13.8	50	34.3	<1
N814889		3	0.1	1.0	15	<0.5	<1
N814890		79	1.2	14.4	43	38.3	<1
N814891		80	2.9	15.5	63	39.8	<1
N814892		84	3.5	15.9	237	39.2	1
N814893		78	3.1	15.0	164	40.4	2
N814894		82	2.3	14.4	101	38.0	1
N814895		83	1.9	13.9	45	36.9	<1



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**CERTIFICATE OF ANALYSIS WH12199382**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12199383**

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P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12199383**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N814896		2.64	0.018	1.14	6.82	98.5	820	1.47	0.29	2.50	2.32	38.7	7.9	8	19.90	95.8
N814897		3.27	3.40	9.60	5.58	1390	280	1.13	0.82	2.40	60.0	35.7	7.7	6	17.00	81.8
N814898		3.48	2.77	>100	4.19	3490	330	0.91	8.64	1.92	227	37.6	6.2	5	7.54	268
N814899		3.01	<0.005	0.19	0.08	<5	70	0.06	0.03	19.45	0.36	1.15	1.1	<1	0.25	1.9
N814900		2.25	0.071	3.14	6.80	746	330	1.45	0.46	2.47	7.23	39.6	8.5	7	17.45	73.5
N814901		2.44	0.174	3.27	6.55	813	360	1.38	0.68	2.34	5.59	41.3	7.9	7	15.80	78.7
N814902		4.02	0.080	1.88	6.80	136.0	2300	1.40	2.56	3.04	1.20	39.9	9.1	6	21.3	38.0
N814903		3.12	<0.005	0.35	6.42	8.1	1820	1.40	0.72	2.81	0.33	37.2	8.4	9	16.40	37.3
N814904		2.21	0.008	0.60	6.84	13.3	1840	1.44	0.43	2.82	0.31	40.3	11.3	8	13.15	55.4
N814905		2.86	<0.005	0.25	7.07	3.4	1820	1.45	0.28	2.63	0.16	40.1	8.8	8	13.25	18.0
N814906		1.89	0.005	0.40	6.30	11.9	1620	1.37	0.26	3.19	0.24	35.3	10.1	7	18.05	31.5
N814907		4.92	<0.005	0.32	7.18	6.9	2020	1.36	0.29	3.00	0.16	41.0	7.4	9	9.63	76.9
N814908		5.60	0.006	0.26	7.29	4.2	1990	1.32	0.25	2.96	0.20	42.8	7.1	9	7.16	60.2
N814909		<0.02	<0.005	0.28	7.40	3.9	2010	1.55	0.30	2.93	0.21	47.0	7.6	8	7.40	60.5
N814910		5.07	<0.005	0.13	7.38	3.7	2070	1.29	0.25	2.78	0.12	41.6	6.9	10	6.64	21.9
N814911		0.26	2.35	25.1	5.66	3360	360	1.23	17.00	2.12	75.9	41.9	10.0	19	13.30	437
N814912		6.09	<0.005	0.42	7.15	5.8	2020	1.46	0.48	2.96	0.19	43.4	6.5	9	6.36	10.3
N814913		5.51	<0.005	0.44	7.50	3.2	2170	1.53	0.59	2.81	0.14	47.5	7.0	10	6.90	31.0
N814914		5.58	<0.005	0.18	7.80	4.5	2300	1.47	0.49	3.02	0.15	48.0	7.7	9	7.68	14.6
N814915		4.80	<0.005	0.47	7.28	5.5	2630	1.45	0.61	2.79	0.32	45.2	7.7	9	15.60	14.6
N814916		2.97	<0.005	0.08	6.60	12.7	1000	1.87	0.11	3.43	0.09	64.1	6.0	27	33.2	11.2
N814917		1.18	<0.005	0.09	6.59	12.6	1000	1.82	0.10	3.43	0.10	59.1	5.8	26	34.9	12.2
N814918		3.20	<0.005	0.17	7.13	12.7	4540	1.84	0.10	2.70	0.09	67.2	6.4	26	35.5	11.9
N814919		2.80	<0.005	0.31	6.93	7.6	1920	1.39	0.39	3.07	0.21	40.3	7.6	10	29.1	51.2
N814920		0.26	2.23	26.2	5.74	3370	80	1.24	17.35	2.15	76.4	42.8	9.9	18	13.60	441
N814921		3.12	<0.005	0.50	6.93	7.0	2200	1.55	0.37	3.26	0.20	42.5	7.9	9	19.25	53.1
N814922		5.75	<0.005	0.22	7.34	6.2	2220	1.49	0.51	2.87	0.13	40.8	8.0	11	8.53	20.9
N814923		2.07	<0.005	0.26	7.53	19.1	2140	1.52	0.65	2.95	0.13	49.7	8.0	9	9.61	40.1
N814924		2.91	0.021	0.91	6.87	61.6	840	1.34	0.78	2.77	2.15	52.7	8.4	8	23.1	33.8
N814925		2.97	<0.005	0.06	0.06	<5	20	0.05	0.01	20.2	0.06	1.04	0.5	<1	0.14	1.2
N814926		2.48	0.108	1.19	6.79	335	1740	1.40	2.97	2.65	1.94	42.9	8.0	7	19.75	31.7
N814927		3.79	<0.005	0.50	7.41	18.7	2090	1.50	73.7	2.58	0.20	44.0	7.3	11	12.60	65.5
N814928		5.24	<0.005	0.37	7.32	18.9	1990	1.48	1.28	2.83	0.16	46.0	8.0	10	8.93	44.5
N814929		3.69	<0.005	0.24	7.41	5.1	2000	1.54	0.34	2.60	0.17	48.3	7.6	9	11.40	33.6
N814930		4.08	0.005	0.19	7.21	6.3	2140	1.44	0.39	2.94	0.16	42.2	7.3	10	9.47	11.2
N814931		2.83	<0.005	0.59	7.59	5.4	2270	1.48	11.05	2.72	0.15	45.9	7.3	10	7.74	16.9



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**CERTIFICATE OF ANALYSIS WH12199383**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814896		3.09	16.70	0.15	1.4	0.076	2.97	20.0	28.5	0.80	2920	0.80	0.37	8.1	2.7	560
N814897		3.66	14.45	0.16	1.0	0.289	2.45	20.3	27.9	0.88	6030	2.87	0.02	6.6	2.8	450
N814898		5.96	10.60	0.13	0.9	0.961	1.96	21.0	21.8	0.73	8890	3.95	0.02	4.8	2.2	340
N814899		0.48	0.32	0.31	<0.1	0.005	0.03	0.6	1.4	12.15	230	<0.05	<0.01	0.3	2.0	160
N814900		2.88	16.80	0.15	1.5	0.177	2.43	20.0	40.6	0.81	2440	1.84	0.03	8.5	2.4	590
N814901		2.96	15.80	0.16	1.5	0.143	2.26	21.6	44.1	0.78	3130	1.16	0.03	8.1	2.4	550
N814902		3.08	15.95	0.18	1.2	0.094	2.69	20.8	61.8	1.08	1980	0.61	0.13	7.7	2.4	570
N814903		3.12	17.25	0.18	1.4	0.047	2.69	18.2	28.0	0.75	768	1.27	1.68	8.8	2.7	610
N814904		3.19	17.20	0.18	1.4	0.043	2.47	20.5	23.1	0.87	655	1.42	1.87	9.1	3.1	610
N814905		3.22	17.70	0.18	1.4	0.036	2.55	20.3	19.6	0.82	515	1.38	2.09	8.8	2.8	630
N814906		2.82	16.30	0.17	1.4	0.045	2.44	17.1	37.2	0.97	802	2.19	1.13	8.6	2.6	590
N814907		2.98	14.95	0.10	1.4	0.038	2.35	17.9	18.2	0.88	598	0.85	1.94	6.7	3.7	650
N814908		3.01	15.25	0.11	1.4	0.052	2.48	18.3	16.4	0.92	579	0.80	2.22	6.8	2.4	640
N814909		3.00	15.80	0.12	1.3	0.042	2.49	20.2	17.5	0.92	571	0.73	2.27	7.0	2.4	640
N814910		3.06	14.55	0.10	1.3	0.042	2.38	18.2	15.6	0.99	563	0.58	2.29	6.5	2.5	650
N814911		6.45	13.65	0.13	0.9	1.600	2.63	19.3	22.8	0.89	1860	12.00	0.04	5.2	14.8	440
N814912		3.02	15.05	0.10	1.3	0.042	2.49	18.5	13.8	0.92	594	2.74	2.26	7.0	2.5	640
N814913		3.03	16.05	0.12	1.4	0.041	2.54	22.2	15.3	0.96	531	2.43	2.38	7.1	2.4	660
N814914		3.24	16.75	0.12	1.4	0.055	2.45	23.9	16.7	1.02	561	1.83	2.50	7.6	2.6	690
N814915		3.05	16.50	0.11	1.6	0.054	2.45	20.4	16.0	0.83	571	2.49	2.12	7.8	3.0	690
N814916		2.21	18.40	0.14	4.0	0.043	2.62	29.0	61.2	0.98	455	0.74	0.43	9.9	14.5	910
N814917		2.21	17.70	0.12	3.9	0.025	2.59	27.4	63.2	0.97	454	0.67	0.35	9.8	14.4	900
N814918		2.25	18.30	0.15	3.5	0.030	2.79	33.5	30.7	1.00	477	0.59	0.07	9.9	13.6	920
N814919		2.99	16.25	0.12	1.4	0.055	2.42	16.2	53.9	0.86	612	3.30	1.37	7.4	4.0	690
N814920		6.52	13.50	0.12	0.9	1.635	2.67	18.8	23.0	0.90	1880	11.95	0.04	5.2	14.7	440
N814921		3.08	16.10	0.13	1.3	0.054	2.37	17.2	16.4	0.84	584	1.05	2.05	7.3	3.2	690
N814922		3.30	16.10	0.14	1.3	0.041	2.52	16.4	15.4	0.94	582	1.49	2.34	7.6	2.5	700
N814923		3.19	15.60	0.13	1.4	0.043	2.63	22.2	13.6	0.90	572	0.93	2.32	7.4	2.3	660
N814924		3.34	14.60	0.11	1.4	0.073	2.70	25.3	45.2	0.95	1360	1.94	0.17	6.6	2.8	610
N814925		0.47	0.16	0.08	<0.1	0.007	0.02	0.5	0.9	12.55	220	0.06	<0.01	0.1	1.3	170
N814926		3.31	14.00	0.14	1.1	0.094	2.44	18.2	27.9	0.76	1420	3.28	1.22	6.5	2.5	580
N814927		3.23	16.25	0.13	1.3	0.043	2.70	19.9	15.9	0.88	837	1.54	1.98	7.6	3.2	640
N814928		3.04	15.90	0.13	1.3	0.051	2.51	21.8	15.9	0.95	560	1.53	2.39	7.3	2.9	640
N814929		3.10	15.70	0.11	1.3	0.047	2.62	22.9	16.7	0.91	625	2.87	2.22	7.1	2.5	660
N814930		3.27	15.20	0.12	1.2	0.047	2.64	18.1	13.4	0.98	772	3.89	2.20	7.2	2.5	640
N814931		3.04	15.35	0.10	1.3	0.034	2.65	21.5	16.1	0.89	587	1.37	2.32	7.0	2.4	610



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**CERTIFICATE OF ANALYSIS WH12199383**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814896		118.0	132.5	<0.002	0.39	26.1	10.7	1	3.4	137.5	0.61	<0.05	11.3	0.244	2.19	7.3
N814897		1460	154.0	0.002	1.80	40.8	9.6	1	3.0	80.5	0.43	<0.05	9.3	0.204	2.14	6.5
N814898		>10000	131.5	<0.002	4.33	208	6.9	2	5.0	54.2	0.34	0.11	8.4	0.150	2.06	12.7
N814899		41.9	1.8	<0.002	0.01	0.41	0.2	1	0.2	47.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
N814900		1050	101.0	0.002	0.85	31.4	10.8	1	3.3	165.0	0.63	<0.05	10.5	0.258	2.18	10.1
N814901		1080	118.0	<0.002	1.00	36.2	10.5	1	4.8	138.0	0.63	<0.05	11.7	0.240	1.97	6.3
N814902		336	128.0	<0.002	0.37	19.40	10.9	1	9.5	165.0	0.55	<0.05	10.3	0.247	1.92	3.1
N814903		22.0	98.4	<0.002	0.04	5.30	11.0	1	3.8	309	0.59	<0.05	8.5	0.267	1.33	2.0
N814904		30.1	98.9	<0.002	0.09	2.48	11.7	1	3.2	362	0.61	<0.05	10.0	0.266	0.97	1.9
N814905		18.0	96.0	<0.002	0.02	1.86	11.8	1	2.5	379	0.62	<0.05	10.9	0.271	1.00	2.6
N814906		16.9	78.3	<0.002	0.13	11.30	10.6	1	2.5	279	0.66	<0.05	9.1	0.250	1.32	3.1
N814907		20.2	90.8	<0.002	0.08	3.93	10.6	1	2.4	375	0.58	<0.05	11.1	0.271	1.01	2.9
N814908		17.3	94.6	0.002	0.11	1.03	10.7	<1	2.6	429	0.58	<0.05	11.0	0.276	0.89	2.5
N814909		17.0	98.2	0.002	0.12	1.13	11.1	1	2.6	436	0.57	<0.05	11.5	0.268	0.94	2.6
N814910		15.4	90.2	0.002	0.03	0.89	10.6	1	2.0	436	0.56	<0.05	10.4	0.273	0.87	1.9
N814911		2880	159.0	0.002	4.52	89.1	7.6	1	8.1	91.5	0.42	0.34	9.8	0.174	2.24	5.0
N814912		21.0	88.2	<0.002	0.05	1.12	10.1	1	3.3	427	0.56	<0.05	9.7	0.276	0.97	2.0
N814913		20.3	97.0	0.003	0.06	0.80	10.9	1	2.9	456	0.58	<0.05	10.9	0.278	0.95	1.8
N814914		17.1	105.5	0.003	0.10	0.82	12.1	1	3.9	508	0.60	<0.05	11.1	0.287	0.95	2.3
N814915		30.9	103.5	0.004	0.07	1.81	11.6	<1	3.0	477	0.59	<0.05	10.1	0.285	1.12	3.0
N814916		18.4	85.2	0.003	0.01	6.64	5.4	1	1.6	571	0.72	<0.05	10.2	0.258	1.19	4.5
N814917		18.1	81.7	<0.002	0.01	6.52	5.2	1	1.7	566	0.73	<0.05	9.8	0.257	1.20	4.3
N814918		18.9	102.5	0.003	0.17	6.03	5.6	<1	1.5	445	0.70	<0.05	11.6	0.261	1.36	6.9
N814919		19.0	93.1	0.002	0.05	3.52	10.3	1	3.1	398	0.57	<0.05	8.6	0.285	1.20	2.6
N814920		2900	159.0	0.002	4.56	90.9	7.5	1	7.9	89.3	0.43	0.31	9.9	0.175	2.32	4.8
N814921		19.5	95.4	0.002	0.05	1.71	10.5	2	2.5	499	0.51	<0.05	8.4	0.277	1.09	2.5
N814922		15.6	89.5	0.002	0.18	0.90	11.2	1	3.0	466	0.64	<0.05	9.5	0.296	1.07	3.3
N814923		16.6	98.2	<0.002	0.20	1.24	11.5	1	4.0	440	0.63	<0.05	12.6	0.281	1.00	4.8
N814924		286	122.5	0.003	0.74	10.55	10.1	1	4.8	219	0.59	<0.05	12.7	0.244	1.79	4.7
N814925		1.6	1.0	0.002	<0.01	0.10	0.2	1	<0.2	44.9	<0.05	<0.05	<0.2	<0.005	0.03	0.6
N814926		211	98.7	0.003	0.84	8.49	10.0	1	3.9	335	0.57	0.07	11.5	0.250	1.27	3.3
N814927		22.6	108.5	<0.002	0.29	2.58	11.7	1	4.5	404	0.65	0.35	11.6	0.274	1.33	4.3
N814928		18.9	88.2	<0.002	0.18	1.24	11.3	1	5.4	442	0.63	<0.05	11.8	0.272	1.07	5.0
N814929		18.1	103.5	0.002	0.04	1.35	11.4	1	2.1	442	0.61	<0.05	12.2	0.280	1.05	3.5
N814930		22.8	90.0	<0.002	0.07	1.59	10.9	1	2.6	435	0.64	<0.05	10.3	0.284	1.09	4.1
N814931		26.3	95.6	0.002	0.16	0.75	10.6	1	2.7	456	0.63	<0.05	12.5	0.267	1.01	4.9



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**CERTIFICATE OF ANALYSIS WH12199383**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N814896		70	2.4	14.0	211	38.3	1		
N814897		59	4.8	11.0	4220	30.5	10		
N814898		44	5.5	8.7	>10000	23.0	151	3.79	1.685
N814899		3	0.1	0.8	40	0.5	<1		
N814900		76	5.0	13.4	694	38.3	3		
N814901		69	3.9	13.8	464	38.7	3		
N814902		70	3.1	13.7	116	32.4	3		
N814903		80	2.4	13.5	55	36.1	<1		
N814904		76	3.3	15.0	52	38.7	1		
N814905		81	2.1	14.3	41	36.7	<1		
N814906		74	2.1	14.3	50	36.4	1		
N814907		81	2.0	14.3	45	33.2	<1		
N814908		81	2.2	15.1	43	35.8	<1		
N814909		80	2.2	15.2	42	35.7	1		
N814910		80	1.9	13.8	38	32.0	<1		
N814911		56	4.5	9.1	5380	23.2	25		
N814912		82	1.7	13.9	42	32.4	<1		
N814913		81	1.7	14.5	38	34.9	<1		
N814914		84	1.8	17.1	36	33.3	<1		
N814915		84	1.8	14.3	57	44.1	1		
N814916		51	1.3	10.6	63	148.5	<1		
N814917		50	1.1	9.8	64	146.5	<1		
N814918		52	1.8	11.2	69	136.5	<1		
N814919		84	1.4	12.9	59	40.2	<1		
N814920		57	4.7	9.4	5420	22.8	25		
N814921		81	1.4	13.5	52	39.4	1		
N814922		88	1.3	14.8	44	32.5	<1		
N814923		84	1.7	16.2	38	30.3	<1		
N814924		74	2.6	14.2	264	32.3	1		
N814925		2	0.1	0.8	16	<0.5	<1		
N814926		72	2.2	12.3	184	26.3	1		
N814927		85	2.5	16.0	46	29.8	<1		
N814928		82	4.5	15.4	44	30.1	<1		
N814929		84	2.3	15.0	47	27.3	<1		
N814930		85	1.6	15.4	57	28.3	<1		
N814931		79	1.4	14.9	46	31.0	<1		



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12199384**

Project: Klaza - 108

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 12-SEP-2012  
Account: ROCKHA

Project: Klaza - 108

**CERTIFICATE OF ANALYSIS WH12199384**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814932		2.97	<0.005	0.45	6.75	9.1	1910	1.52	6.86	2.99	0.15	42.1	8.8	9	14.15	23.3
N814933		3.11	<0.005	0.12	7.33	1.9	2200	1.53	0.23	2.70	0.12	46.7	9.1	10	7.76	13.5
N814934		1.11	<0.005	0.12	7.44	2.1	2140	1.58	0.22	2.67	0.11	43.4	9.5	11	7.75	14.5
N814935		3.72	<0.005	0.12	7.04	5.4	2220	1.49	0.25	3.00	0.12	41.9	9.7	16	9.84	13.9
N814936		2.03	0.008	0.28	7.62	105.0	2210	1.43	0.92	2.81	0.15	41.8	10.9	15	16.75	23.5
N814937		2.73	<0.005	0.19	7.16	17.5	1760	1.37	0.43	2.96	0.20	40.0	9.3	11	15.10	18.5
N814938		3.47	0.308	1.99	6.82	1980	1760	1.56	0.57	2.97	9.19	41.5	10.0	8	23.0	17.4
N814939		2.17	0.105	0.70	7.39	1140	1610	1.71	0.45	2.91	0.80	44.1	9.9	8	20.9	22.5
N814940		3.61	0.226	1.10	6.77	1855	2110	1.54	2.17	3.14	4.18	45.2	9.8	9	19.20	23.2
N814941		3.28	0.297	0.62	7.26	988	1200	1.79	0.63	2.69	3.40	49.1	10.4	9	20.9	22.3
N814942		4.14	<0.005	0.17	7.09	20.2	1970	1.64	0.74	2.71	0.28	42.3	9.1	12	16.90	14.7
N814943		2.10	0.005	0.85	7.13	15.7	1780	1.56	3.66	2.91	0.29	45.1	8.9	8	19.10	27.8
N814944		2.01	<0.005	0.13	7.43	7.1	1970	1.65	0.30	2.72	0.13	48.4	9.7	12	13.75	10.1
N814945		0.26	0.787	9.45	6.49	1715	390	1.53	6.74	1.85	42.9	41.1	18.8	20	16.55	110.5
N814946		4.85	0.005	0.23	7.19	7.3	1970	1.50	0.47	2.66	0.18	43.4	9.1	12	12.45	19.4
N814947		1.92	0.022	3.96	6.82	494	1180	1.62	34.0	2.81	0.43	43.6	12.0	10	17.65	149.0
N814948		2.33	<0.005	0.55	6.97	34.0	1620	1.59	0.76	2.79	1.55	43.9	9.7	10	18.15	19.1
N814949		2.04	0.090	6.35	5.74	630	570	1.23	0.68	2.86	21.7	37.8	6.2	9	12.35	40.9
N814950		5.36	<0.005	0.20	7.21	21.6	2250	1.48	0.44	2.66	0.24	42.8	9.1	13	12.00	13.9
N814951		0.23	2.25	26.0	5.92	3360	1110	1.39	22.4	2.22	82.1	43.4	12.4	18	15.35	452
N814952		4.69	<0.005	0.18	7.56	6.2	2220	1.52	0.22	2.65	0.20	43.4	9.9	9	18.25	18.1
N814953		5.00	0.019	0.72	5.99	54.8	1390	1.44	0.28	4.45	1.26	39.6	9.3	7	19.10	21.2
N814954		3.09	<0.005	0.01	0.07	<5	10	0.05	0.02	20.7	0.07	1.11	1.3	<1	0.31	2.5
N814955		3.05	<0.005	0.14	7.08	3.0	2160	1.53	0.23	2.77	0.12	46.0	9.2	14	13.35	13.3
N814956		5.86	<0.005	0.12	7.25	3.3	2090	1.51	0.29	2.64	0.13	46.8	9.4	12	11.75	14.2
N814957		5.70	<0.005	0.15	7.43	3.1	2120	1.64	0.24	2.74	0.14	45.3	11.5	12	10.55	18.4
N814958		2.44	<0.005	0.13	7.30	2.2	2180	1.63	0.23	2.60	0.12	44.2	9.7	12	9.05	13.4
N814959		<0.02	<0.005	0.14	7.37	2.2	2140	1.56	0.26	2.62	0.13	48.2	9.9	20	9.20	14.3
N814960		3.49	0.030	0.62	7.07	169.0	1880	1.66	0.61	2.93	2.65	45.7	10.3	10	14.35	25.0
N814961		4.42	<0.005	0.31	6.80	30.0	1460	1.59	0.31	2.53	0.21	41.2	8.8	8	26.2	8.4
N814962		3.23	<0.005	0.18	7.18	141.0	1630	1.54	0.39	2.46	0.13	42.7	9.6	10	19.90	8.7
N814963		2.42	<0.005	0.01	0.11	<5	20	0.09	0.04	20.1	0.06	1.28	1.5	<1	0.54	2.0
N814964		2.00	<0.005	0.18	7.11	10.8	1700	1.51	0.22	2.20	0.12	45.5	8.6	10	18.70	13.2
N814965		2.05	<0.005	0.13	6.51	18.8	1900	1.52	0.15	2.72	0.21	39.8	9.1	10	12.80	6.0
N814966		2.71	<0.005	0.09	7.24	2.5	2110	1.55	0.12	2.58	0.10	47.5	9.5	12	10.05	10.7
N814967		4.43	<0.005	0.09	7.12	2.9	1960	1.59	0.10	2.67	0.09	45.0	9.8	12	13.05	9.7



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Plus Appendix Pages  
Finalized Date: 12-SEP-2012  
Account: ROCKHA

Project: Klaza - 108

**CERTIFICATE OF ANALYSIS WH12199384**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814932		2.87	16.80	0.12	1.6	0.039	2.41	21.4	20.1	0.72	682	2.50	1.77	7.7	2.9	580
N814933		2.96	17.40	0.12	1.7	0.043	2.51	24.1	16.6	0.89	624	2.67	2.27	7.9	2.8	600
N814934		3.03	17.85	0.13	1.7	0.042	2.53	22.2	18.8	0.92	633	4.03	2.27	8.2	2.8	610
N814935		3.16	17.50	0.13	1.6	0.047	2.50	20.4	14.9	0.92	714	7.51	2.21	8.1	2.9	660
N814936		3.43	19.35	0.13	1.5	0.048	2.80	20.4	25.3	0.88	1020	7.86	1.18	9.0	3.1	720
N814937		3.11	17.50	0.13	1.4	0.042	2.61	19.7	37.9	0.78	941	9.55	0.67	8.1	2.7	660
N814938		3.24	16.70	0.13	1.2	0.120	2.83	22.1	31.3	0.99	3690	6.85	0.10	7.2	2.9	600
N814939		2.81	17.25	0.13	1.3	0.062	2.96	23.5	42.4	0.94	2300	6.12	0.09	7.7	2.9	670
N814940		3.26	17.30	0.13	1.4	0.062	2.93	24.2	71.4	1.11	4200	4.60	0.04	6.8	2.5	580
N814941		3.12	17.90	0.13	1.6	0.057	3.26	25.6	32.5	0.97	1720	1.84	0.36	7.8	2.7	590
N814942		3.00	18.30	0.12	1.5	0.048	2.58	21.2	12.8	0.75	652	1.96	2.06	8.0	2.8	620
N814943		2.95	17.10	0.13	1.6	0.042	2.48	23.5	26.2	0.92	759	10.20	1.08	7.5	2.6	610
N814944		3.07	18.40	0.13	1.6	0.043	2.60	24.4	30.2	0.82	655	1.72	2.16	8.5	2.9	640
N814945		5.12	16.45	0.15	1.5	0.933	2.81	21.2	27.4	0.70	2040	13.40	0.27	7.5	16.2	500
N814946		2.81	18.20	0.12	1.6	0.045	2.40	21.8	15.1	0.79	637	5.38	2.21	8.0	2.9	620
N814947		3.66	16.50	0.14	1.4	0.058	2.62	22.8	39.8	1.01	1390	18.35	0.68	7.4	3.1	570
N814948		3.12	17.45	0.13	1.6	0.059	2.91	22.4	36.4	0.89	2090	1.53	0.88	8.0	2.7	620
N814949		4.28	15.00	0.14	1.1	0.381	2.72	20.7	12.6	1.07	6500	6.99	0.03	5.6	2.6	480
N814950		3.12	18.05	0.13	1.3	0.041	2.66	21.1	21.8	0.85	975	3.69	2.10	7.8	2.8	640
N814951		6.68	15.70	0.16	1.1	1.810	2.66	23.6	27.4	0.95	1980	14.35	0.04	6.1	16.9	460
N814952		3.09	18.15	0.13	1.5	0.047	2.60	22.0	26.2	0.80	673	2.03	1.87	8.1	2.9	660
N814953		2.81	14.45	0.13	1.2	0.064	2.38	22.1	35.7	1.52	1900	2.78	0.21	6.1	2.6	480
N814954		0.46	0.30	0.07	<0.1	0.005	0.04	0.6	1.4	12.50	225	0.19	0.01	0.3	<0.2	160
N814955		2.88	18.15	0.14	1.4	0.042	2.45	23.5	17.4	0.79	623	4.88	2.16	7.7	2.8	610
N814956		3.10	18.30	0.13	1.5	0.043	2.46	23.3	27.1	0.85	642	6.01	2.20	8.1	2.9	640
N814957		3.04	18.05	0.12	1.3	0.048	2.47	23.3	19.4	0.88	644	1.58	2.24	8.0	2.9	640
N814958		3.23	17.90	0.12	1.2	0.050	2.48	22.0	18.9	1.01	698	2.79	2.36	8.2	3.0	650
N814959		3.19	17.95	0.13	1.2	0.049	2.52	25.0	18.8	1.01	710	2.27	2.30	8.0	3.2	650
N814960		3.24	18.30	0.14	1.3	0.146	2.89	23.1	14.9	0.72	1240	4.19	1.57	7.9	3.0	630
N814961		2.80	17.05	0.13	1.4	0.036	2.40	20.9	84.6	0.81	854	2.04	0.79	7.8	2.7	610
N814962		2.95	17.20	0.13	1.4	0.037	2.52	21.5	47.2	0.71	793	3.35	0.78	7.7	2.8	640
N814963		0.45	0.37	0.08	<0.1	0.005	0.06	0.6	1.6	12.15	213	0.11	0.01	0.3	1.4	160
N814964		3.11	17.35	0.15	1.5	0.045	2.61	22.6	59.8	0.72	932	1.49	1.09	7.8	3.2	650
N814965		3.14	16.90	0.12	1.4	0.046	2.57	19.3	19.8	0.84	1400	7.46	1.45	7.5	2.8	610
N814966		3.00	17.70	0.13	1.5	0.037	2.48	24.3	21.9	0.89	665	1.94	2.19	7.9	2.9	620
N814967		3.00	17.35	0.13	1.4	0.038	2.46	23.4	26.9	0.84	741	1.69	1.93	8.0	3.5	630



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Project: Klaza - 108

**CERTIFICATE OF ANALYSIS WH12199384**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814932		22.7	96.0	<0.002	0.14	3.31	12.3	1	2.8	406	0.72	<0.05	13.7	0.268	1.14	4.4
N814933		16.3	103.5	<0.002	0.02	0.82	12.8	1	2.2	448	0.71	<0.05	14.1	0.272	1.00	3.7
N814934		16.2	103.5	<0.002	0.02	0.90	13.3	1	2.4	431	0.76	<0.05	13.7	0.280	1.00	4.3
N814935		19.1	99.9	<0.002	0.05	1.36	13.6	1	2.3	442	0.70	<0.05	12.4	0.294	1.16	4.3
N814936		15.8	121.0	<0.002	0.24	5.72	15.6	1	3.9	317	0.74	<0.05	11.9	0.326	1.60	3.7
N814937		14.4	97.8	<0.002	0.18	7.62	13.7	1	3.2	251	0.69	<0.05	11.3	0.307	1.43	5.2
N814938		280	157.0	<0.002	1.47	22.1	13.2	1	3.5	216	0.57	<0.05	11.7	0.278	2.67	9.2
N814939		25.9	154.5	<0.002	0.80	12.35	13.9	1	3.5	236	0.63	<0.05	13.2	0.297	2.37	5.1
N814940		155.5	165.0	<0.002	1.23	14.80	12.8	1	2.7	200	0.59	<0.05	11.8	0.255	2.30	5.5
N814941		70.0	153.5	<0.002	0.53	10.20	14.6	1	2.3	233	0.71	<0.05	13.8	0.283	2.50	7.1
N814942		21.7	99.5	<0.002	0.17	2.04	13.4	1	2.3	427	0.70	<0.05	13.4	0.285	1.25	3.0
N814943		23.0	107.0	0.004	0.27	8.29	13.1	1	2.5	311	0.69	<0.05	13.5	0.269	1.41	3.3
N814944		19.2	113.5	<0.002	0.02	1.97	14.7	1	2.1	450	0.78	<0.05	13.9	0.293	1.25	4.0
N814945		1355	163.5	<0.002	3.11	34.6	10.4	1	6.0	151.0	0.64	0.27	11.7	0.213	2.53	5.1
N814946		18.9	100.5	<0.002	0.04	2.19	13.6	1	2.5	433	0.69	<0.05	12.9	0.282	1.23	3.6
N814947		36.8	138.5	<0.002	0.63	31.4	12.5	1	3.8	245	0.63	0.07	12.2	0.260	2.21	3.1
N814948		97.0	135.5	<0.002	0.23	9.47	13.6	1	2.8	285	0.72	<0.05	13.0	0.279	2.15	4.4
N814949		973	192.5	0.002	2.00	22.6	10.5	1	3.0	106.0	0.51	<0.05	11.0	0.201	2.35	6.5
N814950		24.0	105.0	<0.002	0.07	2.95	13.6	1	2.5	442	0.65	<0.05	13.0	0.290	1.38	3.0
N814951		2940	174.5	0.002	4.88	94.0	9.9	2	8.2	95.8	0.52	0.39	11.3	0.190	2.48	5.4
N814952		18.7	110.0	<0.002	0.04	3.99	14.3	1	2.9	438	0.66	<0.05	12.7	0.298	1.22	2.8
N814953		47.3	151.5	<0.002	0.41	15.95	11.1	1	2.1	248	0.53	<0.05	11.0	0.222	1.93	5.6
N814954		1.5	2.3	<0.002	<0.01	0.06	0.3	1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N814955		16.3	109.0	<0.002	0.03	1.21	13.9	1	2.7	456	0.64	<0.05	12.7	0.273	1.10	2.5
N814956		16.1	102.5	<0.002	0.04	1.18	14.3	1	2.5	451	0.70	<0.05	13.0	0.291	1.08	3.2
N814957		18.0	108.0	<0.002	0.04	1.11	14.6	1	2.4	433	0.71	<0.05	13.0	0.288	1.10	2.8
N814958		16.8	97.2	<0.002	0.02	0.93	14.5	1	2.7	507	0.67	<0.05	12.1	0.292	1.03	2.2
N814959		17.0	105.0	<0.002	0.02	0.94	14.8	1	2.7	496	0.66	<0.05	12.6	0.293	1.03	2.3
N814960		83.2	133.0	<0.002	0.45	7.39	14.5	1	2.7	363	0.66	<0.05	12.7	0.283	1.81	4.3
N814961		19.6	102.5	<0.002	0.17	7.89	13.2	1	2.0	348	0.69	<0.05	12.1	0.271	1.67	3.9
N814962		16.4	99.4	<0.002	0.27	10.50	13.6	1	2.0	282	0.66	<0.05	12.7	0.286	1.62	4.6
N814963		1.3	3.1	<0.002	<0.01	<0.05	0.4	1	<0.2	40.2	<0.05	<0.05	0.2	0.005	0.02	0.5
N814964		15.8	109.5	<0.002	0.07	8.33	14.2	1	2.1	302	0.65	<0.05	12.9	0.293	1.48	3.3
N814965		20.9	100.5	<0.002	0.07	3.42	13.3	1	1.8	345	0.61	<0.05	11.4	0.276	1.54	3.2
N814966		16.2	103.5	<0.002	0.02	0.97	14.1	1	1.7	436	0.67	<0.05	14.2	0.280	1.03	3.5
N814967		16.2	108.0	<0.002	0.02	2.01	14.1	1	1.7	421	0.68	<0.05	13.8	0.285	1.14	3.6



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**CERTIFICATE OF ANALYSIS WH12199384**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814932		77	2.4	16.5	46	44.6	1
N814933		78	1.8	17.5	44	47.3	<1
N814934		79	1.6	17.8	45	45.9	<1
N814935		86	1.6	16.9	53	42.6	<1
N814936		96	3.0	17.3	61	39.8	<1
N814937		87	3.5	16.2	61	37.8	1
N814938		80	5.9	14.1	746	32.0	2
N814939		83	4.8	15.6	108	35.1	1
N814940		80	2.9	14.4	319	35.8	1
N814941		85	4.7	15.1	276	41.5	1
N814942		79	2.9	15.0	65	42.6	<1
N814943		79	3.9	14.9	60	42.1	2
N814944		83	2.4	18.3	57	44.1	1
N814945		58	5.5	12.0	3070	42.8	10
N814946		79	2.2	15.5	60	43.1	1
N814947		75	4.6	14.3	90	36.3	4
N814948		77	3.4	15.3	189	39.8	1
N814949		59	11.1	10.5	2020	30.2	6
N814950		82	3.2	16.3	65	36.7	<1
N814951		59	5.7	11.0	5710	29.3	26
N814952		83	4.0	16.5	61	40.8	1
N814953		67	3.3	13.9	139	33.7	1
N814954		2	0.1	0.9	14	<0.5	<1
N814955		77	1.6	16.9	48	38.5	<1
N814956		82	1.2	16.8	53	41.0	<1
N814957		82	1.4	16.9	52	33.2	1
N814958		83	1.8	17.2	52	31.9	1
N814959		84	1.8	17.5	52	31.4	1
N814960		79	2.5	16.6	288	33.7	1
N814961		76	4.1	14.7	59	36.4	1
N814962		81	6.1	15.2	53	36.7	1
N814963		3	0.1	0.9	13	0.8	<1
N814964		84	3.7	15.9	58	38.9	1
N814965		79	2.6	15.8	61	39.3	1
N814966		79	1.4	17.0	52	41.3	1
N814967		80	2.3	16.5	55	37.6	1



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**CERTIFICATE OF ANALYSIS WH12199384**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12199385**

Project: Klaza - 108

P.O. No.: Batch 4

This report is for 19 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12199385**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814968		4.43	<0.005	0.16	6.97	29.4	2000	1.68	0.09	2.91	0.11	37.4	8.6	9	18.00	9.8
N814969		2.74	0.006	0.43	6.95	285	1680	1.64	0.20	2.46	2.29	40.8	8.1	8	16.55	11.6
N814970		2.11	0.027	1.25	6.94	112.0	920	1.55	0.82	1.97	8.65	43.4	7.4	10	16.00	20.6
N814971		4.69	0.035	0.70	6.65	321	1100	1.57	0.39	2.44	5.50	41.2	7.8	7	26.0	12.0
N814972		2.64	<0.005	0.06	0.06	<5	30	0.05	0.03	20.0	0.08	1.17	0.5	<1	0.28	1.2
N814973		4.42	0.005	0.93	6.59	29.2	3290	1.10	0.48	3.14	0.93	40.8	6.9	7	16.45	19.6
N814974		4.61	<0.005	3.41	6.91	15.7	1950	1.56	0.26	2.66	0.37	38.1	8.9	10	10.75	24.3
N814975		4.24	0.006	0.49	7.01	34.3	2010	1.68	0.21	3.01	0.82	37.5	9.0	10	11.15	11.3
N814976		5.98	<0.005	0.25	6.48	176.0	1750	1.63	0.12	3.45	0.24	36.9	8.4	9	11.60	10.7
N814977		6.13	0.007	0.66	6.79	134.5	1780	1.64	0.39	2.73	0.15	35.4	9.9	8	19.20	16.8
N814978		4.88	<0.005	0.19	6.66	10.9	2060	1.58	0.25	3.13	0.12	36.2	8.5	10	12.55	10.8
N814979		2.05	0.005	0.62	6.77	28.0	7490	1.76	0.35	2.25	0.22	41.3	8.6	9	21.1	10.6
N814980		4.34	<0.005	0.12	6.78	16.0	1260	1.79	0.08	3.06	0.13	56.5	4.6	10	19.65	6.0
N814981		0.26	0.721	10.35	6.13	1730	240	1.55	6.34	1.81	41.8	39.1	16.6	19	15.60	103.5
N814982		5.00	<0.005	0.03	6.66	9.1	1350	2.26	0.03	3.24	0.21	56.2	4.4	9	21.1	3.8
N814983		5.51	<0.005	0.06	6.77	11.4	1010	2.23	0.06	3.57	0.26	56.0	4.7	10	26.8	4.0
N814984		2.38	<0.005	0.36	6.65	22.6	820	2.31	0.11	3.49	0.67	53.9	5.2	10	25.0	6.5
N814985		3.09	0.011	0.93	7.32	186.0	760	2.12	0.35	2.25	1.50	51.5	8.9	8	25.0	17.9
N814986		4.58	<0.005	0.36	6.99	13.5	1870	1.71	0.39	2.95	0.19	40.3	8.4	10	16.60	28.3





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**CERTIFICATE OF ANALYSIS WH12199385**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814968		3.08	16.35	0.12	1.5	0.031	2.56	19.0	18.6	0.72	739	2.41	1.90	8.1	2.9	640
N814969		3.89	15.65	0.13	1.3	0.061	2.63	21.4	36.2	0.74	1720	1.97	0.96	7.6	3.0	630
N814970		5.54	15.30	0.13	1.2	0.216	2.94	23.4	54.4	0.81	2330	7.86	0.27	6.9	2.7	590
N814971		3.35	16.20	0.13	1.2	0.081	2.56	21.6	95.5	0.86	1430	1.66	0.07	7.6	2.6	600
N814972		0.45	0.18	0.09	<0.1	<0.005	0.03	0.6	1.1	12.05	202	0.18	<0.01	0.2	1.7	170
N814973		2.57	15.00	0.15	1.3	0.041	2.55	22.0	56.0	1.03	889	1.27	0.16	7.1	2.4	610
N814974		3.29	16.45	0.16	1.4	0.041	2.43	20.2	20.9	0.85	717	1.40	1.74	7.9	3.9	610
N814975		3.27	17.40	0.13	1.4	0.052	2.49	19.8	13.8	0.85	890	1.33	2.11	8.2	3.3	640
N814976		3.02	16.20	0.14	1.5	0.035	2.43	19.2	24.0	0.80	1070	0.96	1.70	7.9	2.9	590
N814977		3.12	16.20	0.14	1.3	0.040	2.38	18.2	29.9	0.82	852	1.17	1.40	7.6	3.0	610
N814978		3.11	16.35	0.15	1.3	0.041	2.28	18.2	16.2	0.79	798	0.92	2.04	8.0	2.9	630
N814979		3.02	16.80	0.15	1.4	0.048	2.06	21.6	100.0	0.72	1140	1.31	0.47	8.1	3.2	630
N814980		2.32	18.00	0.15	2.7	0.026	2.00	29.7	136.5	0.81	633	1.22	0.13	11.1	3.9	1000
N814981		5.11	14.95	0.14	1.3	0.896	2.74	19.6	24.5	0.64	1940	12.35	0.26	7.3	15.2	490
N814982		2.35	19.45	0.17	2.4	0.031	2.49	25.5	128.5	0.79	560	0.65	0.10	10.8	3.6	980
N814983		2.43	20.4	0.19	2.6	0.027	2.73	24.7	75.1	0.73	541	0.76	0.10	11.5	4.2	1010
N814984		2.40	20.3	0.19	2.8	0.026	2.63	23.6	135.5	0.72	681	3.36	0.12	11.7	4.7	1020
N814985		3.32	17.50	0.19	1.2	0.044	2.95	25.0	30.0	0.82	1900	2.36	0.05	7.6	2.9	630
N814986		3.21	17.65	0.17	1.3	0.048	2.56	17.7	29.0	0.83	1040	1.31	1.73	7.9	2.6	630



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**CERTIFICATE OF ANALYSIS WH12199385**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814968		16.4	101.0	<0.002	0.17	4.33	11.5	<1	1.7	424	0.66	<0.05	10.9	0.280	1.28	3.7
N814969		162.5	115.5	<0.002	0.34	5.67	11.6	<1	2.0	307	0.68	<0.05	12.4	0.273	1.69	3.9
N814970		303	152.0	0.002	0.63	8.37	11.2	<1	2.7	184.5	0.58	<0.05	12.0	0.254	2.47	4.0
N814971		107.5	111.5	<0.002	0.36	12.55	11.7	<1	2.7	268	0.65	<0.05	11.9	0.256	2.05	4.1
N814972		2.0	2.0	<0.002	<0.01	0.11	0.2	<1	<0.2	46.2	<0.05	<0.05	0.3	<0.005	0.03	0.7
N814973		40.6	95.3	<0.002	0.17	10.85	10.1	<1	1.9	333	0.62	<0.05	12.3	0.251	1.80	3.8
N814974		29.6	96.4	<0.002	0.05	2.26	11.6	<1	2.1	471	0.67	<0.05	11.8	0.267	1.16	3.2
N814975		76.3	98.1	0.002	0.07	2.28	11.7	<1	1.8	447	0.70	<0.05	11.4	0.281	1.12	4.3
N814976		22.4	97.1	<0.002	0.14	7.37	10.6	<1	2.1	433	0.71	<0.05	11.1	0.256	1.26	5.1
N814977		26.3	92.0	<0.002	0.13	4.18	11.2	<1	2.6	401	0.64	<0.05	10.5	0.266	1.30	5.1
N814978		20.3	83.7	0.002	0.10	1.77	11.1	<1	2.3	457	0.67	<0.05	10.3	0.275	1.06	3.6
N814979		133.0	93.8	<0.002	0.34	8.73	11.6	1	2.2	367	0.66	<0.05	11.1	0.273	1.56	4.6
N814980		17.5	60.4	<0.002	0.12	5.20	5.6	<1	1.8	540	0.77	<0.05	10.5	0.273	1.80	5.2
N814981		1325	158.0	0.002	3.01	32.5	8.8	<1	5.7	145.0	0.63	0.25	11.1	0.202	2.39	5.3
N814982		16.1	76.0	<0.002	0.03	4.46	5.9	1	1.4	554	0.77	<0.05	8.9	0.280	1.70	3.1
N814983		20.6	78.8	<0.002	0.01	6.76	6.0	1	1.4	573	0.79	<0.05	8.7	0.290	1.74	4.4
N814984		38.0	66.3	<0.002	0.09	6.14	5.9	1	1.8	548	0.82	<0.05	8.5	0.290	1.77	5.5
N814985		52.5	148.5	<0.002	1.16	15.60	13.9	1	2.3	239	0.65	<0.05	13.4	0.285	3.44	4.6
N814986		25.7	97.2	<0.002	0.17	3.12	13.2	1	2.3	405	0.68	<0.05	11.2	0.288	1.49	3.4



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**CERTIFICATE OF ANALYSIS WH12199385**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814968		84	4.3	15.3	51	37.0	<1
N814969		80	5.1	16.0	265	30.4	<1
N814970		75	12.7	13.4	995	27.0	1
N814971		72	3.5	14.7	552	28.3	1
N814972		2	0.1	0.8	16	<0.5	<1
N814973		66	2.4	13.3	113	30.6	1
N814974		78	35.4	15.5	67	32.9	3
N814975		84	2.5	16.0	123	36.8	1
N814976		73	2.6	16.3	61	34.5	<1
N814977		77	4.3	14.1	57	29.2	<1
N814978		80	1.0	14.8	54	28.9	<1
N814979		77	2.4	15.5	62	33.5	1
N814980		46	1.9	12.7	65	76.6	<1
N814981		57	5.4	11.0	2950	37.5	10
N814982		45	2.3	11.7	70	76.9	<1
N814983		45	1.8	11.4	81	89.4	<1
N814984		47	2.5	11.6	97	100.0	1
N814985		81	7.6	14.4	143	32.4	<1
N814986		80	1.2	14.7	71	34.4	<1



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**CERTIFICATE OF ANALYSIS WH12199385**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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To: **ROCKHAVEN RESOURCES LTD.**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

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Finalized Date: 13-SEP-2012  
Account: ROCKHA

**CERTIFICATE WH12199386**

Project: Klaza - 112

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12199386**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N813335		4.40	0.033	0.96	9.29	131.5	1810	2.32	0.27	0.33	0.67	55.2	9.1	11	30.8	11.1
N813336		4.99	0.035	0.88	8.65	113.5	1890	2.08	0.25	0.41	0.51	60.1	9.7	10	30.2	11.0
N813337		10.53	0.035	0.67	8.62	120.0	2520	2.15	0.26	1.09	1.14	47.7	13.1	12	27.3	14.1
N813338		<0.02	0.028	0.64	8.40	121.5	2570	2.14	0.27	0.72	1.15	49.5	13.5	12	25.6	10.1
N813339		4.51	0.080	1.07	8.60	653	1640	2.19	0.22	1.20	0.84	46.5	11.6	11	29.4	9.7
N813340		7.65	0.036	0.88	7.09	607	1660	2.05	0.20	2.09	0.53	28.2	9.6	10	27.8	6.5
N813341		4.76	0.047	0.69	6.17	898	1390	2.00	0.28	2.54	0.59	23.5	11.6	11	28.0	7.1
N813342		3.37	0.042	0.84	8.84	1040	1590	2.81	0.30	0.35	2.68	45.2	10.2	12	30.9	11.3
N813343		2.85	0.199	3.26	8.87	1505	1880	3.17	1.42	0.24	6.81	51.3	20.3	13	28.9	14.9
N813344		3.00	5.30	5.50	7.42	2210	800	3.01	1.45	0.23	4.90	56.6	2.9	16	28.5	12.5
N813345		7.46	0.008	0.08	7.37	73.1	870	2.99	0.16	0.79	0.41	46.2	2.2	4	29.4	0.6
N813347		4.18	0.012	0.16	7.87	164.0	750	3.31	0.05	0.22	0.50	47.0	2.1	4	32.7	2.0
N813348		3.81	0.006	0.15	7.64	186.0	1030	3.08	0.08	0.23	0.60	46.9	2.3	4	32.6	3.1
N813349		0.62	<0.005	0.07	7.33	152.0	860	3.17	0.04	0.20	0.60	44.8	2.0	3	29.8	2.0
N813350		2.49	0.005	0.10	7.54	141.0	890	3.08	0.15	0.22	0.63	41.9	2.1	3	31.4	1.7
N813351		3.97	0.006	0.08	7.59	166.5	980	3.19	0.29	0.20	0.75	44.4	2.3	5	28.9	3.1
N813352		3.21	0.454	4.44	8.65	625	7090	3.33	3.36	0.86	8.25	56.8	13.2	18	39.7	57.3
N813353		7.18	<0.005	0.19	6.35	127.0	2220	2.41	0.15	3.37	0.14	33.4	6.9	12	29.1	16.7
N813354		0.26	0.842	9.68	6.63	1805	160	1.71	6.40	2.02	43.3	43.8	16.9	21	17.00	116.5
N813355		6.38	<0.005	0.07	5.89	331	1120	2.24	0.13	3.64	0.14	32.5	7.4	11	28.2	14.4
N813356		2.89	<0.005	0.15	7.08	365	4130	1.98	0.21	3.20	0.21	40.8	8.5	17	28.6	25.2
N813357		5.55	1.565	6.07	7.37	3510	390	1.98	1.03	1.86	30.5	46.4	10.0	13	18.00	42.9
N813358		3.44	<0.005	0.08	0.07	5	30	0.06	0.03	20.4	0.08	1.22	1.1	<1	0.19	2.4
N813359		2.62	0.557	3.03	7.91	2350	640	1.57	0.50	1.24	16.40	43.8	6.6	17	9.98	21.6
N813360		2.18	0.182	4.84	7.37	418	280	1.58	3.72	1.23	5.12	51.7	23.7	14	12.15	41.4
N813361		3.32	0.010	0.45	6.94	69.7	1670	1.92	0.82	2.44	0.61	36.8	7.8	11	18.05	12.7
N813362		5.20	0.014	0.58	7.35	267	1370	1.81	0.49	1.57	1.92	30.4	7.2	10	24.7	38.1
N813363		4.07	<0.005	0.55	7.12	25.1	1700	1.82	0.18	2.11	8.55	26.8	6.5	10	20.1	15.5
N813364		5.67	<0.005	0.20	7.20	18.8	2150	2.10	0.31	2.95	0.25	34.9	9.1	8	20.6	9.3
N813365		3.34	<0.005	0.10	7.22	9.3	2600	1.95	0.06	2.73	0.26	44.4	8.4	8	12.05	7.1
N813366		3.29	<0.005	0.08	7.33	6.2	2240	2.07	0.06	3.09	0.28	46.8	9.5	10	10.65	4.5
N813367		0.26	0.773	9.64	6.60	1520	420	1.46	6.19	1.94	43.4	46.0	16.2	22	17.00	116.0
N813368		3.69	<0.005	0.17	7.70	43.0	2020	1.56	0.08	1.56	2.36	50.3	8.7	10	26.3	7.0
N813369		7.49	0.011	0.82	7.48	163.5	2090	1.66	0.28	1.60	3.90	58.3	7.7	12	14.40	8.0
N813370		3.68	0.010	0.35	6.31	10.2	2530	1.17	0.53	5.79	0.40	51.9	7.6	7	10.55	6.3
N813371		2.15	<0.005	0.02	0.05	<5	20	<0.05	0.02	21.4	0.08	1.08	1.1	<1	0.12	1.2



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Account: ROCKHA

Project: Klaza - 112

**CERTIFICATE OF ANALYSIS WH12199386**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813335		3.95	20.8	0.18	1.7	0.057	3.54	25.6	51.6	0.22	1340	1.63	1.00	9.7	4.6	850
N813336		3.50	19.90	0.19	1.5	0.056	2.99	28.4	63.2	0.27	1440	1.02	1.02	8.6	3.6	750
N813337		3.73	20.1	0.18	1.5	0.065	3.38	24.2	40.3	0.25	2450	1.02	1.14	9.5	4.0	700
N813338		3.65	19.45	0.20	1.4	0.069	3.33	25.8	43.7	0.25	2380	1.05	1.08	9.3	3.8	680
N813339		3.55	20.7	0.20	1.4	0.057	3.45	23.0	37.4	0.25	3710	1.51	0.67	10.1	4.1	700
N813340		3.19	19.00	0.17	1.2	0.049	3.45	12.2	15.4	0.24	2670	1.62	0.22	9.3	4.2	610
N813341		3.53	17.35	0.16	1.1	0.125	3.37	9.7	13.5	0.21	3970	1.50	0.16	8.3	4.1	540
N813342		3.65	21.0	0.18	1.4	0.069	3.92	20.4	25.7	0.28	3060	2.31	0.07	8.6	3.7	720
N813343		4.57	21.9	0.19	1.4	0.209	4.03	23.4	12.2	0.35	8740	4.48	0.04	8.7	7.3	530
N813344		4.56	20.0	0.20	2.3	0.246	3.10	32.4	22.4	0.23	1110	6.07	0.06	11.3	1.9	410
N813345		1.56	22.0	0.15	2.7	0.020	3.09	21.4	16.4	0.20	662	0.73	0.06	15.7	0.8	370
N813347		1.52	23.1	0.16	2.8	0.031	3.21	22.4	26.3	0.21	565	0.72	0.06	17.1	0.7	370
N813348		1.55	23.1	0.16	2.8	0.027	3.23	22.7	17.6	0.22	877	0.93	0.06	17.3	0.9	370
N813349		1.49	21.8	0.15	2.7	0.023	3.06	20.4	18.0	0.21	608	0.73	0.05	16.2	0.7	310
N813350		1.55	22.2	0.16	2.9	0.021	3.12	18.8	16.9	0.21	709	0.72	0.06	16.7	0.9	370
N813351		1.61	22.3	0.15	3.0	0.017	3.04	20.5	25.4	0.16	622	1.50	0.08	17.8	1.6	380
N813352		4.26	24.0	0.20	2.7	0.342	3.03	26.1	55.2	0.26	1170	5.30	0.05	11.0	7.6	750
N813353		2.65	21.7	0.17	2.7	0.036	2.92	13.5	40.1	0.39	660	1.19	0.07	8.8	5.3	810
N813354		5.52	16.60	0.20	1.3	0.977	2.97	20.9	26.5	0.72	2120	13.65	0.27	7.5	16.0	520
N813355		2.63	20.4	0.15	2.6	0.033	2.87	13.4	34.5	0.31	737	0.69	0.07	8.6	4.8	790
N813356		2.71	21.4	0.17	3.2	0.035	3.04	17.1	21.6	0.78	1030	0.93	0.07	8.1	7.8	890
N813357		4.98	18.60	0.19	1.1	0.356	3.30	22.6	20.4	0.71	5450	5.50	0.03	6.9	3.0	590
N813358		0.48	0.30	0.15	<0.1	0.010	0.03	0.6	1.1	12.85	204	0.24	0.01	0.3	2.6	220
N813359		3.65	18.50	0.18	1.2	0.298	3.81	21.7	8.6	0.59	8770	3.38	0.02	7.5	2.5	600
N813360		5.79	17.25	0.21	0.9	0.176	3.33	25.0	11.9	0.55	4260	2.34	0.03	6.9	3.3	620
N813361		3.23	17.60	0.15	1.1	0.070	2.46	16.2	93.3	0.66	1340	0.87	0.05	8.1	2.4	650
N813362		3.75	19.45	0.16	1.2	0.108	3.03	12.6	48.3	0.19	2000	2.53	0.07	8.4	2.7	680
N813363		3.31	19.40	0.14	1.3	0.103	2.82	10.6	35.6	0.32	1020	1.62	0.25	8.7	2.4	650
N813364		3.35	18.35	0.17	1.3	0.061	2.63	14.5	21.3	0.37	880	1.27	1.44	8.1	2.5	630
N813365		3.30	17.90	0.17	1.4	0.038	2.83	20.0	16.4	0.57	900	1.40	1.78	7.8	2.6	620
N813366		3.31	18.45	0.18	1.4	0.046	2.67	21.4	15.0	0.72	826	1.14	2.03	8.4	2.8	640
N813367		5.19	16.20	0.16	1.3	1.005	2.83	24.0	25.5	0.71	2070	12.45	0.27	7.6	16.7	510
N813368		3.54	18.70	0.16	1.4	0.048	2.62	23.5	28.8	0.28	1220	2.35	0.39	8.6	3.2	700
N813369		3.37	18.85	0.19	1.3	0.119	2.97	30.2	15.9	0.63	1490	1.38	1.60	8.4	2.8	690
N813370		3.49	15.45	0.18	1.0	0.083	2.42	27.9	17.8	0.78	2000	0.95	0.66	7.1	2.5	600
N813371		0.46	0.25	0.14	<0.1	<0.005	0.02	0.5	0.9	12.80	226	0.11	0.01	0.2	2.8	190



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**CERTIFICATE OF ANALYSIS WH12199386**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813335		39.4	170.0	<0.002	<0.01	6.14	16.1	1	2.1	145.5	0.85	<0.05	17.7	0.326	2.29	4.4
N813336		34.9	157.0	<0.002	<0.01	6.57	15.8	1	1.8	139.5	0.77	<0.05	17.7	0.300	2.30	3.2
N813337		41.7	162.5	<0.002	0.02	7.28	15.9	1	1.8	159.0	0.84	<0.05	16.4	0.299	2.57	3.1
N813338		39.3	166.0	<0.002	0.02	7.09	15.1	1	1.7	148.5	0.79	<0.05	16.1	0.286	2.50	3.0
N813339		41.7	181.5	<0.002	<0.01	13.25	15.8	1	1.8	113.5	0.87	<0.05	14.9	0.310	3.23	3.0
N813340		23.5	175.5	<0.002	0.02	15.05	12.4	1	1.6	69.4	0.82	<0.05	8.8	0.281	3.88	2.3
N813341		24.5	165.0	<0.002	0.01	17.35	10.1	1	2.0	71.1	0.70	<0.05	6.7	0.255	3.41	2.6
N813342		99.1	231	<0.002	<0.01	16.65	15.6	1	1.8	61.6	0.77	<0.05	15.2	0.289	3.82	4.2
N813343		229	267	<0.002	0.01	15.05	15.7	1	2.2	79.6	0.79	<0.05	15.9	0.294	4.63	5.7
N813344		371	183.0	<0.002	0.16	17.70	9.9	1	4.7	154.5	1.11	0.08	11.7	0.211	2.62	10.1
N813345		32.0	156.0	<0.002	<0.01	3.07	3.8	1	2.2	97.4	1.68	<0.05	10.3	0.151	1.46	2.3
N813347		38.5	161.5	<0.002	<0.01	3.53	4.2	1	3.4	62.5	1.74	<0.05	10.5	0.164	1.42	2.4
N813348		39.4	162.5	<0.002	0.02	3.51	4.3	1	2.7	61.5	1.68	<0.05	10.7	0.160	1.49	2.7
N813349		33.3	156.0	<0.002	<0.01	3.31	3.9	1	2.7	58.5	1.57	<0.05	10.2	0.147	1.38	2.4
N813350		37.5	150.5	<0.002	<0.01	2.89	4.0	1	2.3	58.2	1.77	<0.05	10.2	0.154	1.44	2.5
N813351		37.3	135.0	<0.002	0.01	3.38	4.0	1	2.2	85.7	1.90	<0.05	10.9	0.160	1.44	3.8
N813352		442	156.5	<0.002	0.21	13.70	12.9	2	5.1	303	0.91	0.12	12.9	0.326	2.08	8.7
N813353		12.9	87.5	<0.002	0.04	8.68	7.9	1	1.9	181.5	0.64	<0.05	6.1	0.320	1.51	3.6
N813354		1440	154.0	<0.002	3.17	35.7	10.1	1	6.3	151.5	0.62	0.27	12.1	0.225	2.53	5.2
N813355		15.5	88.6	<0.002	0.02	8.40	7.1	1	2.4	152.5	0.64	<0.05	5.9	0.309	1.52	2.8
N813356		19.3	89.8	<0.002	0.11	10.05	10.5	1	2.7	229	0.60	<0.05	6.8	0.344	1.69	4.6
N813357		1100	181.0	<0.002	2.99	25.5	12.5	1	3.8	150.0	0.54	0.07	11.9	0.270	3.36	3.8
N813358		2.4	1.4	<0.002	<0.01	0.15	0.2	1	0.2	43.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N813359		586	282	<0.002	1.69	17.25	12.3	1	3.9	69.6	0.64	0.29	13.3	0.268	4.18	4.7
N813360		234	185.0	<0.002	2.68	13.90	12.7	3	5.3	79.1	0.59	1.45	13.2	0.256	2.98	3.5
N813361		36.4	76.8	<0.002	0.33	8.37	13.0	1	2.0	155.5	0.65	<0.05	10.0	0.300	1.65	2.8
N813362		42.7	132.0	<0.002	0.06	12.35	13.1	1	4.1	73.8	0.71	<0.05	8.4	0.302	1.97	2.6
N813363		272	106.0	<0.002	0.07	12.15	12.9	1	2.2	85.1	0.78	<0.05	8.3	0.313	1.56	2.2
N813364		19.0	104.5	<0.002	0.05	6.33	13.0	1	1.6	253	0.74	<0.05	10.6	0.289	1.28	2.1
N813365		31.9	111.5	<0.002	0.01	3.10	13.5	1	1.6	323	0.67	<0.05	12.2	0.276	1.14	1.5
N813366		20.8	108.5	<0.002	0.01	2.13	14.3	1	1.8	340	0.78	<0.05	12.5	0.308	1.05	1.7
N813367		1355	162.0	<0.002	3.11	35.2	9.9	1	6.3	153.5	0.64	0.26	13.0	0.212	2.50	5.4
N813368		23.2	110.5	<0.002	0.01	12.70	14.3	1	1.8	94.8	0.75	<0.05	13.3	0.299	1.30	2.2
N813369		202	136.5	<0.002	0.22	4.95	14.3	1	2.2	273	0.73	<0.05	15.9	0.300	1.60	2.8
N813370		20.9	77.7	<0.002	0.11	3.43	11.2	1	1.6	313	0.56	<0.05	9.4	0.260	1.26	2.7
N813371		1.9	1.1	<0.002	<0.01	0.05	0.3	1	<0.2	40.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4





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**CERTIFICATE OF ANALYSIS WH12199386**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N813335		91	4.6	18.3	137	47.1	<1
N813336		86	5.9	20.1	86	39.8	<1
N813337		89	5.0	20.0	156	35.1	<1
N813338		87	5.0	20.8	156	34.3	<1
N813339		92	5.5	16.5	128	33.1	<1
N813340		85	6.2	12.1	110	30.4	<1
N813341		78	5.2	10.1	99	29.5	<1
N813342		85	8.4	17.9	291	39.3	<1
N813343		90	10.0	18.6	835	36.4	3
N813344		62	5.6	16.7	478	59.1	4
N813345		17	1.8	18.3	100	65.4	<1
N813347		19	2.3	16.2	138	69.0	<1
N813348		19	2.4	17.1	145	69.0	<1
N813349		17	2.2	15.1	132	67.6	<1
N813350		18	2.0	15.0	139	67.4	<1
N813351		18	2.0	17.4	147	69.7	<1
N813352		87	4.1	16.2	1140	90.8	3
N813353		76	1.6	9.6	79	93.1	<1
N813354		62	5.4	11.1	3190	41.7	9
N813355		72	2.3	9.1	76	87.4	<1
N813356		82	2.4	12.7	131	115.5	<1
N813357		77	5.6	11.0	2910	32.2	6
N813358		3	0.1	0.9	19	0.6	<1
N813359		77	7.5	12.9	1550	30.4	3
N813360		76	6.4	13.5	918	25.5	5
N813361		81	4.4	13.7	153	28.6	1
N813362		86	3.9	11.7	335	30.3	1
N813363		88	3.1	13.7	812	31.4	1
N813364		80	2.1	15.6	76	32.6	1
N813365		79	3.5	17.9	76	34.2	<1
N813366		86	2.2	18.6	83	34.9	1
N813367		59	5.4	12.0	3090	43.0	10
N813368		90	3.9	18.0	277	35.1	<1
N813369		85	2.3	15.9	446	32.6	1
N813370		73	2.3	20.1	95	27.1	1
N813371		2	0.1	0.8	15	<0.5	<1



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**CERTIFICATE OF ANALYSIS WH12199386**

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



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P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12199387**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N813372		3.41	<0.005	0.09	7.50	5.1	2410	1.35	0.12	3.14	0.11	46.5	7.6	9	7.19	3.3
N813373		8.50	<0.005	0.07	7.14	3.5	2400	1.59	0.09	2.92	0.10	42.7	9.0	12	7.75	3.9
N813374		<0.02	<0.005	0.06	7.04	3.7	2310	1.65	0.08	2.77	0.10	45.9	8.9	10	7.89	3.5
N813375		9.06	<0.005	0.07	7.53	2.6	2330	1.65	0.07	2.85	0.10	48.3	8.6	11	7.13	4.6
N813376		8.19	<0.005	0.05	6.94	4.1	2390	1.50	0.10	3.45	0.11	41.3	7.9	12	6.38	3.8
N813377		7.68	<0.005	0.09	7.10	8.7	2240	1.65	0.23	2.92	0.10	43.9	8.4	11	6.77	12.6
N813378		0.26	0.791	9.62	6.77	1540	540	1.50	6.15	1.99	43.7	48.7	16.9	22	17.75	116.5
N813379		7.21	<0.005	0.08	7.14	5.5	2170	1.77	0.10	2.84	0.10	46.9	8.1	13	4.90	6.0
N813380		7.49	<0.005	0.06	7.09	5.8	2200	1.75	0.10	2.91	0.10	45.0	8.3	12	5.77	6.4
N813381		6.61	<0.005	0.17	7.33	7.0	2270	1.74	0.19	2.87	0.16	46.1	8.3	11	5.91	34.8
N813382		2.75	<0.005	0.13	7.11	4.6	2240	1.73	0.18	2.80	0.09	44.7	8.3	11	5.34	33.7
N813383		2.99	0.009	0.78	7.23	26.8	2250	1.40	1.17	2.76	0.14	49.6	13.9	10	7.14	167.0
N813384		2.70	<0.005	0.01	0.07	<5	20	0.06	0.02	21.2	0.07	1.29	1.1	<1	0.20	1.3
N813385		3.41	<0.005	0.23	7.42	9.8	2760	1.48	0.33	2.91	0.07	44.0	6.5	10	6.83	73.6
N813386		3.58	<0.005	0.29	7.16	4.9	2550	1.42	0.35	3.00	0.07	44.5	4.5	10	5.88	84.1
N813387		7.54	<0.005	0.18	7.49	7.3	2360	1.68	0.78	2.79	0.09	45.7	7.1	11	9.58	16.6
N813388		8.63	<0.005	0.11	7.22	6.1	2210	1.71	0.51	2.83	0.11	44.5	8.6	11	7.68	6.6
N813389		6.41	<0.005	0.06	7.39	3.6	2340	1.65	0.05	2.92	0.09	44.8	8.2	12	6.70	4.6
N813390		0.26	4.25	>100	5.42	6700	230	1.18	58.1	2.06	238	35.8	8.8	20	12.25	1340
N813391		3.20	<0.005	0.15	8.07	11.1	2080	1.67	0.15	1.98	0.21	51.6	10.8	9	13.75	7.1
N813392		2.66	<0.005	0.06	7.09	3.1	2060	1.60	0.05	2.89	0.09	42.9	8.2	11	11.80	12.8
N813393		2.27	<0.005	0.05	7.52	2.9	2320	1.69	0.05	2.94	0.08	47.9	8.6	10	7.24	5.1
N813394		2.47	0.007	0.94	7.09	47.6	1860	1.63	0.14	2.50	1.33	50.5	7.6	12	12.40	8.4
N813395		2.67	<0.005	0.15	7.19	12.9	1940	1.70	0.15	2.30	0.18	44.0	11.1	8	10.80	9.6
N813396		3.58	0.857	23.7	5.29	3330	920	1.03	1.78	3.35	42.4	37.5	17.8	6	6.56	84.8
N813397		2.71	<0.005	0.07	0.06	<5	20	0.05	0.02	21.2	0.13	1.17	1.1	<1	0.15	2.2
N813398		4.22	0.016	0.95	7.50	155.5	1850	1.56	0.62	2.45	1.37	50.0	12.8	9	11.95	44.8
N813399		1.87	<0.005	0.10	7.22	3.9	2250	1.61	0.24	2.78	0.09	46.8	6.2	9	5.00	13.6
N813400		8.45	<0.005	0.09	7.36	4.2	2280	1.81	0.12	2.90	0.11	47.9	8.6	14	4.04	12.7
M354001		7.31	<0.005	0.07	7.36	3.4	2250	1.76	0.06	2.83	0.10	49.4	7.9	11	6.14	4.8
M354002		3.29	<0.005	0.15	6.93	17.7	1390	1.75	0.09	2.74	0.18	48.2	9.6	8	22.6	24.1
M354003		6.09	<0.005	0.07	7.68	7.3	2240	1.67	0.08	2.99	0.12	47.2	8.8	13	6.52	9.7
M354004		6.94	<0.005	0.07	7.65	6.7	2200	1.77	0.08	2.96	0.12	49.3	8.8	12	6.74	9.6
M354005		2.39	<0.005	0.08	6.82	7.0	1890	1.46	0.32	2.50	0.12	32.8	8.3	9	9.67	4.8
M354006		2.22	<0.005	0.06	7.53	5.3	2320	1.67	0.09	2.78	0.10	42.7	8.2	10	7.05	5.5
M354007		2.42	0.009	0.48	7.10	8.0	2240	1.56	0.51	2.94	0.22	38.2	8.6	12	6.73	329



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N813372		3.12	17.05	0.17	1.2	0.044	2.55	24.0	15.3	0.90	946	1.04	2.02	8.1	2.6	650
N813373		3.22	17.60	0.15	1.3	0.040	2.49	20.1	15.9	0.95	755	0.94	2.21	8.8	3.5	650
N813374		3.03	17.45	0.15	1.2	0.041	2.39	22.4	15.8	0.92	707	0.81	2.15	8.4	2.9	620
N813375		3.10	17.85	0.15	1.2	0.039	2.48	24.3	17.4	1.02	726	0.98	2.24	8.3	3.0	640
N813376		3.13	17.60	0.16	1.0	0.048	2.39	19.3	15.6	0.94	798	1.58	2.35	8.2	2.9	670
N813377		3.14	18.05	0.16	1.1	0.056	2.25	21.5	15.3	0.94	677	3.41	2.43	8.3	3.4	670
N813378		5.29	16.35	0.17	1.3	0.993	2.90	25.5	26.8	0.73	2100	12.75	0.27	7.5	16.3	530
N813379		3.09	18.20	0.15	1.4	0.044	2.52	22.5	14.7	0.87	667	2.02	2.42	8.9	2.9	640
N813380		3.14	18.20	0.16	1.2	0.051	2.46	21.8	15.2	0.94	696	1.45	2.43	8.6	3.1	660
N813381		3.16	18.55	0.17	1.2	0.061	2.53	22.0	15.8	0.93	659	1.91	2.39	8.6	2.8	650
N813382		3.07	17.80	0.17	1.2	0.056	2.43	21.5	14.6	0.90	643	1.99	2.33	8.1	3.8	640
N813383		4.36	17.65	0.18	1.0	0.167	2.59	25.0	15.1	0.93	1100	1.81	1.18	7.7	3.2	640
N813384		0.47	0.30	0.13	<0.1	0.006	0.03	0.6	1.0	12.75	218	0.11	0.01	0.3	2.5	310
N813385		3.40	17.70	0.16	1.1	0.114	2.72	21.3	13.1	0.81	776	1.45	1.94	8.1	2.2	640
N813386		3.19	17.10	0.16	1.2	0.143	2.73	21.6	11.1	0.74	759	0.97	1.81	7.7	2.2	640
N813387		3.20	17.50	0.16	1.2	0.064	2.38	22.8	14.2	0.84	583	1.29	2.27	8.2	2.8	670
N813388		3.07	18.05	0.16	1.1	0.055	2.41	21.8	14.4	0.88	646	1.68	2.18	7.9	2.8	630
N813389		3.20	18.05	0.14	1.3	0.047	2.58	21.8	15.5	0.94	701	1.14	2.41	8.1	3.0	660
N813390		8.03	13.25	0.20	1.1	5.12	2.34	18.5	34.6	0.65	3250	14.85	0.09	5.5	13.9	470
N813391		3.13	18.90	0.15	1.2	0.047	2.61	25.9	47.8	0.66	746	0.95	0.75	8.3	2.7	710
N813392		3.03	17.15	0.17	1.2	0.037	2.42	21.0	16.7	0.78	760	1.13	1.90	7.5	3.3	610
N813393		3.13	18.30	0.17	1.2	0.042	2.60	23.6	15.8	0.93	707	1.11	2.33	8.1	2.8	650
N813394		3.52	16.95	0.18	1.2	0.233	2.85	26.2	14.8	0.81	2780	1.09	1.34	7.4	4.3	580
N813395		3.01	18.35	0.17	1.2	0.052	2.74	20.8	27.9	0.72	1080	0.58	1.06	8.2	2.6	630
N813396		6.31	12.25	0.19	0.7	0.478	2.41	19.8	9.4	1.24	5010	2.60	0.03	5.2	2.1	410
N813397		0.46	0.25	0.13	<0.1	<0.005	0.03	0.6	1.1	12.70	217	0.11	0.01	0.3	2.0	350
N813398		3.77	16.70	0.18	1.1	0.109	2.54	25.7	32.6	0.82	1290	0.96	1.35	7.8	2.6	650
N813399		3.06	17.00	0.17	1.2	0.050	2.52	23.0	15.1	0.93	578	1.41	2.25	7.7	2.4	630
N813400		3.12	18.25	0.16	1.2	0.051	2.46	23.5	15.1	0.93	675	1.31	2.37	8.3	3.1	650
M354001		3.04	17.80	0.17	1.2	0.046	2.47	24.6	16.3	0.91	643	0.92	2.33	8.0	2.7	630
M354002		3.04	17.45	0.18	1.2	0.060	2.59	23.8	54.7	0.81	1640	0.65	0.38	7.9	2.8	610
M354003		3.70	19.20	0.19	1.1	0.067	2.52	24.5	12.7	1.10	799	0.98	2.45	9.7	3.4	730
M354004		3.72	19.05	0.21	1.1	0.067	2.48	25.9	13.2	1.10	806	0.96	2.41	9.6	3.4	740
M354005		2.96	17.55	0.19	1.0	0.045	2.37	16.6	29.8	0.41	569	0.82	0.57	8.0	2.2	600
M354006		3.37	18.35	0.19	1.1	0.052	2.50	22.3	13.4	0.98	652	0.75	2.43	8.8	2.8	710
M354007		3.29	17.40	0.19	1.0	0.073	2.39	20.0	11.0	0.82	628	0.79	2.18	8.1	2.5	640



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**CERTIFICATE OF ANALYSIS WH12199387**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N813372		13.9	101.5	<0.002	0.03	2.77	13.0	1	1.6	391	0.65	<0.05	11.7	0.292	1.04	2.4
N813373		14.6	82.7	<0.002	0.06	4.82	12.5	1	1.6	391	0.80	<0.05	11.4	0.294	0.91	2.9
N813374		14.3	85.6	<0.002	0.05	4.12	13.1	1	1.5	379	0.77	<0.05	12.3	0.281	0.85	3.1
N813375		14.7	95.1	<0.002	0.01	0.75	14.1	1	1.5	402	0.73	<0.05	13.2	0.290	0.84	2.9
N813376		15.0	71.3	<0.002	0.01	2.67	12.5	1	1.7	427	0.70	<0.05	9.8	0.295	0.90	2.2
N813377		14.3	78.1	<0.002	0.02	1.56	13.1	1	2.4	414	0.73	<0.05	10.7	0.291	0.97	3.1
N813378		1395	163.0	<0.002	3.17	36.2	10.3	2	6.4	155.5	0.64	0.28	13.4	0.215	2.50	5.7
N813379		16.7	84.3	<0.002	0.02	1.04	12.7	1	1.9	402	0.88	<0.05	13.6	0.281	0.93	4.3
N813380		14.9	80.1	<0.002	0.03	1.13	13.1	1	2.0	406	0.77	<0.05	12.1	0.289	0.92	3.9
N813381		16.8	88.9	<0.002	0.04	1.19	13.4	1	2.2	413	0.77	<0.05	12.5	0.289	1.02	3.4
N813382		15.2	82.6	<0.002	0.04	1.02	12.9	1	2.2	410	0.75	<0.05	12.0	0.278	0.97	3.3
N813383		21.9	105.5	<0.002	0.45	2.44	14.2	1	2.4	258	0.68	0.07	14.2	0.279	1.47	4.3
N813384		1.3	1.9	<0.002	<0.01	<0.05	0.3	1	<0.2	42.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N813385		13.8	93.2	<0.002	0.07	1.87	12.8	1	2.1	349	0.69	<0.05	12.3	0.285	1.26	3.4
N813386		11.6	99.7	<0.002	0.04	2.08	12.1	1	2.4	311	0.69	<0.05	13.0	0.270	1.39	3.7
N813387		15.1	90.6	<0.002	0.04	3.31	13.0	1	2.3	383	0.74	0.07	13.7	0.290	1.22	3.7
N813388		15.8	91.2	<0.002	0.05	1.71	13.7	1	2.9	384	0.68	0.05	12.8	0.283	1.13	4.0
N813389		15.3	81.1	<0.002	0.01	0.97	13.3	1	1.8	425	0.71	<0.05	12.5	0.292	0.97	3.3
N813390		9900	128.0	0.002	7.27	231	8.0	2	9.3	124.5	0.46	0.48	9.7	0.191	2.13	5.7
N813391		18.4	100.0	<0.002	0.09	7.26	14.3	1	2.1	186.5	0.72	<0.05	14.2	0.305	1.63	3.8
N813392		14.7	85.1	<0.002	0.02	1.97	12.9	1	2.6	366	0.65	<0.05	12.1	0.261	0.95	2.8
N813393		15.1	92.4	<0.002	0.02	0.80	13.9	1	1.6	412	0.68	<0.05	13.2	0.289	0.96	3.0
N813394		208	131.0	<0.002	0.46	4.36	13.1	1	2.0	277	0.66	<0.05	14.7	0.254	1.73	4.4
N813395		17.9	94.0	<0.002	0.11	5.65	13.1	1	1.9	243	0.74	<0.05	12.6	0.280	1.44	3.1
N813396		1630	144.5	<0.002	4.97	48.4	8.7	1	3.8	59.5	0.46	0.15	10.3	0.178	2.27	6.1
N813397		4.5	1.4	<0.002	<0.01	0.11	0.4	1	<0.2	38.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N813398		118.0	121.5	<0.002	0.78	12.15	13.7	1	3.2	285	0.69	<0.05	14.2	0.276	1.63	5.1
N813399		14.1	92.8	<0.002	0.01	2.04	13.0	1	3.3	428	0.67	<0.05	13.0	0.274	1.15	4.1
N813400		17.1	85.3	<0.002	0.01	1.06	14.0	1	2.1	418	0.74	<0.05	13.1	0.288	0.95	3.7
M354001		15.4	91.9	<0.002	0.01	0.90	14.2	1	1.6	407	0.72	<0.05	13.4	0.279	0.92	3.8
M354002		16.1	111.0	<0.002	0.24	12.40	14.3	1	1.6	146.0	0.69	<0.05	12.4	0.274	1.91	3.4
M354003		16.1	96.6	<0.002	0.01	1.63	15.2	2	1.9	442	0.80	<0.05	11.6	0.325	1.13	3.4
M354004		15.7	101.5	<0.002	0.02	1.68	15.6	2	2.0	433	0.77	<0.05	12.3	0.320	1.11	3.9
M354005		16.7	66.3	<0.002	0.10	8.38	11.1	1	1.5	168.0	0.73	<0.05	9.4	0.278	1.11	2.1
M354006		16.2	90.5	<0.002	0.01	1.44	13.4	2	1.7	429	0.75	<0.05	11.7	0.298	1.11	4.0
M354007		19.9	80.8	<0.002	0.12	1.88	12.3	1	1.6	394	0.68	0.05	10.2	0.278	1.17	3.2



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 Account: ROCKHA

Project: Klaza - 112

**CERTIFICATE OF ANALYSIS WH12199387**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N813372		81	1.1	16.5	48	31.5	1	
N813373		83	1.0	17.4	53	33.5	1	
N813374		80	1.0	17.2	51	31.4	1	
N813375		82	0.9	18.1	51	30.2	1	
N813376		83	1.2	16.3	50	27.7	1	
N813377		80	1.6	16.1	47	28.2	<1	
N813378		60	5.5	11.6	3140	41.9	10	
N813379		79	1.2	17.3	49	34.9	1	
N813380		82	0.9	17.0	51	31.3	<1	
N813381		82	0.9	17.1	54	31.2	1	
N813382		77	0.9	16.4	48	30.1	1	
N813383		84	2.4	15.2	64	26.2	1	
N813384		2	0.1	0.9	15	<0.5	<1	
N813385		82	1.6	15.8	55	28.7	1	
N813386		78	1.7	15.0	49	31.7	1	
N813387		79	1.5	15.5	52	31.2	1	
N813388		80	1.4	16.3	53	29.6	1	
N813389		82	0.8	16.4	50	34.0	<1	
N813390		56	4.7	9.1	>10000	33.5	118	1.610
N813391		84	10.5	17.0	63	30.9	<1	
N813392		74	1.1	15.9	51	31.4	1	
N813393		80	0.8	17.0	53	33.5	<1	
N813394		72	2.3	15.1	155	31.6	1	
N813395		78	4.5	14.9	58	32.1	<1	
N813396		52	5.7	8.0	4300	17.3	24	
N813397		2	0.1	0.8	19	<0.5	<1	
N813398		80	2.2	16.1	165	29.8	1	
N813399		78	1.0	16.5	43	31.6	<1	
N813400		80	0.8	17.3	51	31.3	<1	
M354001		80	1.2	17.5	50	31.7	<1	
M354002		80	5.3	15.5	69	29.9	<1	
M354003		99	1.1	20.9	58	28.4	<1	
M354004		98	1.1	21.5	57	30.3	<1	
M354005		78	2.6	13.7	50	25.8	<1	
M354006		85	0.8	18.4	54	28.9	<1	
M354007		78	0.9	15.8	54	25.5	1	



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**CERTIFICATE OF ANALYSIS WH12199387**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.





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**CERTIFICATE WH12199388**

Project: Klaza - 112

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12199388**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354008		2.92	<0.005	0.23	7.29	5.1	2230	1.58	0.16	2.79	0.12	38.4	6.8	15	6.56	86.2
M354009		0.22	4.50	>100	5.35	6590	150	1.19	56.2	1.95	227	28.3	10.6	17	11.35	1270
M354010		3.10	<0.005	0.53	7.03	8.3	3130	1.69	1.24	3.31	0.20	38.1	7.0	11	6.83	6.9
M354011		2.26	0.009	1.08	6.75	12.3	3230	1.31	2.10	4.37	0.36	54.9	3.8	10	7.65	9.1
M354012		3.21	0.060	7.08	7.60	53.6	3830	1.43	13.05	6.80	2.4	49.1	45.3	6	9.65	17.7
M354013		1.71	<0.005	0.01	0.08	<5	30	0.07	0.04	20.6	0.06	1.23	1.5	<1	0.19	3.0
M354014		2.19	0.015	2.79	7.69	12.6	3650	1.50	4.31	4.39	0.28	41.0	9.0	10	7.79	5.6
M354015		5.79	<0.005	0.13	7.33	4.9	2360	1.55	0.23	2.84	0.09	39.9	7.6	15	5.97	23.6
M354016		0.23	2.34	24.3	5.93	2890	1200	1.39	18.75	2.22	77.5	39.0	11.8	18	14.65	431
M354017		3.04	<0.005	0.24	7.60	10.0	2390	1.58	0.26	3.02	0.20	40.6	8.6	14	7.57	47.0
M354018		2.44	<0.005	0.11	7.56	12.3	2210	1.55	0.23	2.37	0.14	35.3	10.1	14	7.85	12.8
M354019		2.34	<0.005	1.05	5.89	9.1	840	1.38	0.24	2.43	0.19	39.8	5.4	10	16.85	10.8
M354020		2.03	<0.005	0.03	0.19	<5	40	0.10	0.05	20.6	0.09	1.28	1.8	2	0.52	2.6
M354021		2.93	<0.005	0.15	7.89	6.4	1300	1.41	0.18	1.53	0.10	48.5	6.4	12	12.85	10.2
M354022		8.13	<0.005	0.05	7.44	3.7	2210	1.71	0.08	2.60	0.08	42.6	8.8	15	7.79	7.3
M354023		3.90	<0.005	0.09	7.37	10.1	1910	1.45	0.13	2.06	0.12	38.8	9.2	9	13.65	9.0
M354024		3.75	<0.005	0.11	8.44	9.3	1960	1.46	0.14	1.46	0.13	51.6	7.7	13	16.55	10.4
M354025		3.43	<0.005	0.04	7.87	3.9	2210	1.72	0.08	2.72	0.08	43.0	9.2	11	12.70	5.2
M354026		5.46	<0.005	0.04	7.62	7.6	1830	1.50	0.12	2.44	0.11	38.5	8.6	12	20.9	5.4
M354027		3.47	<0.005	0.05	5.75	7.1	1890	1.49	0.08	3.07	0.13	33.5	7.2	10	16.00	5.1
M354028		4.65	<0.005	0.10	7.21	7.1	1960	1.47	0.15	2.65	0.10	34.4	7.7	18	15.35	4.6
M354029		2.41	<0.005	0.14	7.12	7.1	1430	1.55	0.18	3.35	0.17	41.6	11.4	11	20.8	4.3
M354030		2.65	<0.005	0.10	6.64	15.5	1970	1.53	0.27	1.88	0.15	39.9	7.2	18	15.30	5.4
M354031		2.61	<0.005	0.08	7.93	10.9	930	1.78	0.53	1.80	0.10	43.1	10.2	13	14.20	12.0
M354032		5.90	<0.005	0.11	6.86	8.4	810	1.72	1.80	3.58	0.06	36.5	12.6	17	12.45	1.7
M354033		6.38	<0.005	0.06	7.57	5.8	2050	1.90	0.39	2.96	0.07	42.7	9.3	14	9.17	3.1
M354034		5.12	<0.005	0.05	7.53	3.6	2120	1.98	0.13	2.94	0.07	48.9	7.8	22	8.65	6.5
M354035		3.76	<0.005	0.06	7.44	4.7	1980	1.82	0.22	3.23	0.09	42.3	5.1	13	7.12	5.1
M354036		2.80	<0.005	0.14	6.16	10.3	2100	1.87	0.70	4.32	0.10	30.8	7.0	20	8.68	6.2
M354037		2.80	<0.005	0.17	6.86	10.2	1970	1.47	0.37	3.40	0.14	34.5	7.3	15	8.56	19.9
M354038		4.39	<0.005	0.08	7.23	4.1	2270	1.63	0.11	2.88	0.09	41.6	8.8	17	5.67	12.0
M354039		2.37	<0.005	0.12	7.40	3.4	2230	1.59	0.12	2.93	0.09	54.2	8.1	14	5.50	33.8
M354040		7.76	<0.005	0.05	7.44	3.3	2200	1.61	0.08	2.94	0.08	52.8	8.6	15	5.08	6.6
M354041		<0.02	<0.005	0.04	7.67	4.6	2260	1.55	0.09	2.96	0.13	58.1	8.5	16	5.00	6.1
M354042		7.65	<0.005	0.04	7.38	6.2	2250	1.55	0.25	2.70	0.07	52.4	7.5	11	4.88	5.1
M354043		7.39	<0.005	0.08	7.14	6.5	2190	1.52	0.18	2.83	0.08	46.2	7.7	18	6.72	6.3



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Project: Klaza - 112

**CERTIFICATE OF ANALYSIS WH12199388**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354008		3.16	17.75	0.16	1.0	0.051	2.29	20.1	9.3	0.83	584	1.39	2.31	8.1	2.6	620
M354009		8.08	14.85	0.21	1.0	4.83	2.27	15.3	30.9	0.62	3100	15.95	0.09	5.8	15.1	450
M354010		2.89	16.15	0.16	0.9	0.182	2.79	21.2	32.0	0.92	927	0.77	0.37	7.7	2.2	600
M354011		4.40	18.00	0.22	0.7	0.307	2.97	29.3	89.2	1.32	1720	36.8	0.09	7.9	3.0	660
M354012		5.84	23.6	0.22	0.8	0.380	3.91	25.9	34.4	1.72	2610	401	0.10	9.6	2.7	810
M354013		0.50	0.40	0.09	<0.1	0.007	0.03	0.6	1.0	12.80	224	0.83	0.01	0.3	<0.2	170
M354014		4.61	20.6	0.17	0.9	0.291	3.05	21.9	52.5	1.26	1690	88.8	0.71	8.2	2.4	660
M354015		3.28	18.65	0.18	1.1	0.060	2.32	21.0	11.5	0.88	703	1.78	2.29	8.4	2.5	620
M354016		6.79	15.40	0.18	0.8	1.770	2.61	22.7	23.9	0.92	1880	14.10	0.04	6.2	16.3	450
M354017		3.24	17.85	0.17	1.0	0.089	2.37	22.2	12.5	0.76	638	2.26	1.97	8.1	2.6	620
M354018		3.09	19.00	0.17	1.1	0.069	2.65	18.2	25.4	0.38	542	1.20	0.88	8.9	2.4	670
M354019		2.87	13.65	0.16	0.7	0.102	1.64	22.7	50.5	0.78	829	1.00	0.06	6.5	2.2	460
M354020		0.51	0.72	0.10	<0.1	0.007	0.08	0.6	1.8	13.05	223	0.29	0.01	0.4	1.5	190
M354021		2.92	19.05	0.19	1.3	0.084	2.30	26.1	34.8	0.45	660	1.55	0.08	8.5	2.1	640
M354022		3.14	18.60	0.20	1.3	0.046	2.57	22.3	17.4	0.85	629	1.72	1.99	8.6	2.7	630
M354023		3.08	17.95	0.18	1.2	0.050	2.33	19.9	34.6	0.49	782	1.55	0.14	8.6	2.2	640
M354024		3.08	19.05	0.19	1.2	0.055	2.47	27.8	42.4	0.48	676	1.68	0.11	8.9	2.5	690
M354025		3.36	17.95	0.19	1.1	0.047	2.60	23.1	15.9	0.82	641	1.59	2.03	8.4	2.5	660
M354026		3.12	17.85	0.19	1.2	0.053	2.48	19.5	32.4	0.57	688	1.77	0.53	9.0	2.3	670
M354027		2.59	14.80	0.16	1.0	0.042	1.99	17.2	34.0	0.62	965	1.43	0.15	7.3	1.8	530
M354028		3.08	18.50	0.15	1.2	0.065	2.41	16.9	33.6	0.44	618	2.51	0.48	9.2	2.4	730
M354029		4.15	17.65	0.18	1.1	0.047	2.19	21.3	24.4	0.92	1230	0.88	0.23	8.3	3.1	650
M354030		3.11	14.75	0.16	0.9	0.047	1.44	22.5	49.5	0.61	830	1.28	0.05	7.0	2.7	540
M354031		3.59	17.25	0.16	1.0	0.109	1.28	23.4	34.0	0.57	682	1.35	0.89	8.9	2.4	710
M354032		3.62	17.55	0.18	0.8	0.370	1.33	19.3	15.8	0.83	743	1.28	2.30	7.4	2.6	570
M354033		3.24	17.40	0.18	1.3	0.070	1.70	23.1	12.9	0.87	628	0.93	2.56	8.6	2.3	640
M354034		3.08	16.95	0.19	1.2	0.046	2.41	26.5	14.4	0.78	562	1.71	2.27	8.7	2.6	630
M354035		3.14	17.15	0.18	1.3	0.079	2.29	22.7	14.5	0.74	662	1.09	1.94	8.7	2.2	640
M354036		2.69	17.25	0.17	0.8	0.223	2.34	15.5	26.6	0.49	1220	2.39	1.10	6.8	2.0	490
M354037		3.40	17.20	0.18	0.9	0.085	2.14	17.7	13.4	0.72	962	1.00	1.80	7.9	2.1	620
M354038		3.17	17.20	0.18	1.0	0.048	2.33	21.7	11.1	0.91	667	1.25	2.32	8.1	2.7	660
M354039		3.18	17.95	0.13	1.2	0.046	2.37	25.9	10.0	0.92	680	1.16	2.29	8.4	7.3	640
M354040		3.27	17.75	0.16	1.2	0.051	2.20	25.5	13.1	1.03	691	0.97	2.35	8.3	3.9	660
M354041		3.36	17.70	0.14	1.2	0.049	2.27	28.7	13.1	1.05	704	1.06	2.37	8.2	3.9	670
M354042		3.20	17.50	0.13	1.1	0.046	2.19	25.1	12.9	0.97	600	0.77	2.40	8.0	3.1	650
M354043		3.12	17.15	0.15	1.1	0.052	2.31	21.1	13.9	0.86	612	1.14	2.18	8.1	3.3	630



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**CERTIFICATE OF ANALYSIS WH12199388**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M354008		16.2	82.1	<0.002	0.03	1.55	12.5	2	1.6	418	0.71	<0.05	11.3	0.277	3.2
M354009		9470	132.5	0.002	7.11	217	8.4	3	8.4	118.5	0.49	0.50	8.4	0.183	5.4
M354010		16.4	128.0	<0.002	0.15	2.21	12.2	2	1.8	124.0	0.68	0.15	12.5	0.259	3.7
M354011		17.0	138.0	0.005	0.26	2.83	14.7	2	2.5	98.0	0.66	0.40	12.9	0.263	8.0
M354012		53.2	128.0	0.076	1.22	4.12	13.6	3	2.8	123.5	0.80	3.50	10.6	0.290	8.7
M354013		1.4	2.0	<0.002	0.01	<0.05	0.4	1	<0.2	43.3	<0.05	<0.05	<0.2	<0.005	0.8
M354014		22.1	113.5	0.013	0.23	2.64	12.5	1	2.3	156.5	0.73	1.23	10.8	0.265	4.2
M354015		14.6	82.3	<0.002	0.03	1.62	12.8	2	1.6	411	0.71	<0.05	10.8	0.278	3.4
M354016		2770	168.5	<0.002	4.86	88.2	9.4	2	7.9	91.5	0.51	0.39	10.3	0.181	5.1
M354017		18.8	99.3	<0.002	0.08	2.49	13.1	2	1.6	378	0.67	<0.05	10.6	0.273	3.4
M354018		19.2	91.6	<0.002	0.07	12.35	13.4	1	1.6	201	0.81	<0.05	10.7	0.288	3.0
M354019		12.6	87.1	<0.002	0.04	33.9	10.7	1	1.3	94.6	0.60	<0.05	10.9	0.209	2.6
M354020		3.1	4.1	<0.002	<0.01	0.23	0.6	1	<0.2	40.4	<0.05	<0.05	<0.2	0.008	0.5
M354021		14.1	93.2	<0.002	0.02	17.80	13.0	1	1.8	80.0	0.79	<0.05	14.3	0.283	2.4
M354022		15.6	99.2	<0.002	0.01	2.87	13.4	2	1.7	362	0.81	<0.05	13.0	0.282	4.2
M354023		14.2	78.4	<0.002	0.08	21.0	13.3	1	1.7	102.5	0.74	<0.05	11.9	0.287	2.5
M354024		18.3	103.0	<0.002	0.08	19.45	14.5	1	1.7	94.4	0.76	<0.05	15.1	0.306	3.4
M354025		15.5	99.6	<0.002	0.01	3.12	13.5	2	1.6	387	0.68	<0.05	13.5	0.292	3.4
M354026		16.2	85.1	<0.002	0.02	15.75	13.3	1	1.8	148.5	0.83	<0.05	11.7	0.297	2.9
M354027		13.1	62.0	<0.002	0.05	25.1	10.7	1	1.4	124.5	0.78	<0.05	9.2	0.229	2.8
M354028		17.2	72.1	<0.002	0.01	13.00	13.0	1	1.9	139.0	0.84	<0.05	9.9	0.318	3.9
M354029		17.9	73.5	<0.002	0.06	8.14	14.2	2	1.6	149.5	0.71	<0.05	10.8	0.282	6.1
M354030		10.1	65.2	<0.002	0.11	35.6	11.8	1	1.4	88.1	0.63	<0.05	11.6	0.239	5.9
M354031		10.2	65.7	<0.002	0.04	14.45	13.9	1	1.9	104.0	0.81	<0.05	13.0	0.305	2.2
M354032		11.3	71.0	<0.002	0.15	5.61	11.9	2	3.1	312	0.67	0.05	10.7	0.260	3.3
M354033		13.8	66.6	<0.002	0.04	2.14	12.7	2	2.0	482	0.84	<0.05	13.5	0.284	3.7
M354034		15.7	91.4	<0.002	0.01	2.03	12.4	2	1.8	440	0.95	<0.05	14.1	0.277	4.1
M354035		12.0	94.8	<0.002	0.02	4.08	13.1	2	2.0	342	0.94	<0.05	12.9	0.282	3.3
M354036		6.7	102.0	<0.002	0.22	9.63	9.6	1	3.2	167.5	0.70	<0.05	7.5	0.225	3.8
M354037		12.8	75.8	<0.002	0.21	4.55	11.7	1	1.9	320	0.65	<0.05	8.4	0.276	2.5
M354038		15.0	81.0	<0.002	0.02	1.08	12.7	1	1.6	409	0.68	<0.05	10.4	0.283	3.0
M354039		23.3	93.3	<0.002	0.03	1.24	13.1	1	1.7	409	0.69	<0.05	13.1	0.290	3.9
M354040		15.8	83.1	<0.002	<0.01	1.73	13.5	1	1.9	431	0.69	<0.05	12.3	0.295	3.8
M354041		16.8	88.3	<0.002	<0.01	1.64	14.1	1	1.8	438	0.70	<0.05	13.1	0.293	4.0
M354042		13.7	83.3	<0.002	0.07	1.66	12.4	1	1.5	446	0.68	<0.05	11.7	0.272	3.8
M354043		14.3	81.4	<0.002	0.08	2.74	11.5	1	1.6	431	0.67	<0.05	9.7	0.273	3.3



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**CERTIFICATE OF ANALYSIS WH12199388**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M354008		77	1.2	16.0	49	26.9	1	
M354009		52	4.6	9.8	>10000	30.9	118	1.610
M354010		73	2.5	13.0	57	24.5	1	
M354011		83	3.5	14.1	72	20.7	1	
M354012		89	3.8	14.9	271	22.3	6	
M354013		2	0.1	0.9	15	<0.5	<1	
M354014		82	3.7	12.9	77	23.8	3	
M354015		78	1.1	16.5	51	28.8	<1	
M354016		56	5.1	10.2	5540	25.2	25	
M354017		77	1.2	17.2	54	27.8	<1	
M354018		81	2.2	14.4	51	30.1	<1	
M354019		61	8.1	15.1	54	19.4	1	
M354020		4	0.2	1.0	17	<0.5	<1	
M354021		77	5.5	15.6	48	32.9	<1	
M354022		78	1.8	18.2	51	31.4	<1	
M354023		81	6.4	16.4	55	30.1	<1	
M354024		82	7.9	17.4	55	30.9	<1	
M354025		81	1.4	17.9	54	29.5	<1	
M354026		83	6.7	15.5	54	29.3	<1	
M354027		68	6.2	15.4	55	23.3	<1	
M354028		87	3.1	15.0	47	28.3	<1	
M354029		93	1.9	22.6	73	27.1	<1	
M354030		71	3.1	16.1	61	22.1	<1	
M354031		81	5.3	16.5	52	24.7	<1	
M354032		86	2.8	15.4	45	20.2	1	
M354033		80	1.7	16.2	51	30.5	<1	
M354034		78	1.2	17.4	49	27.1	<1	
M354035		79	2.2	15.2	49	27.8	<1	
M354036		97	3.7	11.1	45	18.3	<1	
M354037		78	1.8	14.1	52	24.3	<1	
M354038		81	0.6	16.2	52	25.2	<1	
M354039		83	0.6	19.3	56	28.1	<1	
M354040		88	0.5	19.2	53	27.8	<1	
M354041		87	0.5	20.2	55	28.9	<1	
M354042		78	0.5	18.6	47	25.8	<1	
M354043		76	2.5	16.4	47	27.8	<1	



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Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (detection limit 2 ppm)
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.



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**CERTIFICATE WH12199389**

Project: Klaza - 112

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354044		7.94	<0.005	0.06	7.58	4.9	2230	1.40	0.07	2.89	0.08	48.0	8.0	13	4.96	7.2
M354045		7.95	<0.005	0.05	7.22	4.0	2150	1.37	0.07	2.92	0.07	40.8	7.7	12	4.16	10.3
M354046		8.88	<0.005	0.06	7.43	4.9	2110	1.45	0.08	2.72	0.08	43.4	7.3	12	4.41	3.4
M354047		8.23	<0.005	0.05	7.38	5.3	2060	1.45	0.06	2.95	0.07	44.0	8.4	13	3.71	4.2
M354048		8.78	<0.005	0.06	7.46	3.2	2170	1.36	0.06	2.88	0.10	42.9	8.1	11	4.47	3.2
M354049		4.53	<0.005	0.07	7.79	4.0	2410	1.45	0.06	3.10	0.10	44.2	9.0	11	5.78	4.2
M354050		3.72	<0.005	0.06	7.13	18.0	2130	1.41	0.06	2.95	0.10	37.2	8.3	10	6.57	3.1
M354051		4.13	<0.005	0.06	6.29	6.4	1920	1.23	0.10	3.39	0.09	32.9	6.2	9	6.27	3.1
M354052		4.27	<0.005	0.06	7.08	3.9	2190	1.38	0.08	2.84	0.08	37.2	6.7	10	5.80	4.5
M354053		1.69	<0.005	0.04	7.21	3.0	2130	1.33	0.06	2.75	0.08	40.3	6.7	10	6.52	2.8
M354054		7.74	<0.005	0.05	6.96	3.4	2080	1.46	0.05	2.81	0.08	38.5	8.7	10	5.76	3.6
M354157		<0.02	<0.005	0.07	7.67	3.1	2180	1.45	0.06	2.94	0.08	46.1	8.8	10	5.97	3.3
M354055		6.26	<0.005	0.06	7.34	7.1	2250	1.36	0.11	2.91	0.08	38.4	9.7	10	5.68	4.8
M354056		4.00	<0.005	0.19	7.26	11.9	2140	1.42	0.62	2.64	0.10	42.2	13.6	10	7.51	8.4
M354057		7.24	<0.005	0.07	7.08	4.7	2100	1.40	0.15	2.75	0.10	38.4	6.8	10	6.35	6.2
M354058		0.26	0.756	9.31	6.16	1710	140	1.27	6.52	1.75	41.4	33.4	16.7	19	15.55	103.0
M354059		6.71	<0.005	0.08	7.40	7.5	2130	1.50	0.06	2.84	0.12	39.4	7.9	9	8.71	4.2
M354060		2.31	<0.005	0.17	6.98	77.5	3440	1.26	0.10	3.28	0.27	48.1	8.4	7	21.3	11.3
M354061		3.64	<0.005	0.01	0.08	<5	20	0.06	0.01	21.3	0.07	1.30	1.5	<1	0.58	2.2
M354062		1.84	<0.005	0.08	7.06	10.9	2530	1.29	0.07	2.81	0.13	33.8	8.8	8	13.95	8.9
M354063		2.17	<0.005	0.08	6.50	21.2	1540	1.31	0.06	4.10	0.22	39.0	7.1	6	18.00	9.6
M354064		3.13	<0.005	0.07	6.61	12.7	1790	1.38	0.06	4.60	0.09	35.7	7.9	7	15.05	7.6
M354065		2.60	<0.005	0.12	7.36	16.2	1950	1.45	0.09	2.87	0.12	39.8	8.1	8	15.70	12.6
M354066		2.34	<0.005	0.11	7.21	24.9	1620	1.58	0.11	2.85	0.38	39.1	7.2	8	17.35	4.9
M354067		2.85	0.005	0.36	6.83	23.2	1020	1.64	0.59	2.96	1.00	34.4	10.9	7	16.75	2.2
M354068		3.25	<0.005	0.12	7.68	9.5	1470	1.46	0.52	1.87	0.12	36.1	5.3	9	14.30	3.7
M354069		2.97	<0.005	0.08	7.03	9.1	1710	1.65	0.24	2.85	0.15	35.0	5.9	9	16.30	10.9
M354070		4.87	<0.005	0.06	7.02	4.1	1760	1.56	0.25	2.84	0.09	36.2	8.0	12	10.75	5.2
M354071		2.71	<0.005	0.08	7.30	3.8	2420	1.61	0.19	2.18	0.08	33.6	7.8	8	10.35	5.3
M354072		0.26	0.776	9.38	6.46	1780	210	1.32	6.82	1.86	41.7	42.1	16.5	20	16.65	105.0
M354073		7.40	<0.005	0.08	7.06	5.6	2100	1.42	0.19	2.55	0.14	38.5	8.0	11	7.58	6.1
M354074		4.97	<0.005	0.07	6.82	3.5	1980	1.46	0.14	2.58	0.09	40.2	7.0	10	7.87	7.9
M354075		2.13	<0.005	0.19	6.68	12.8	2240	1.27	0.42	3.43	0.15	36.9	9.0	8	13.50	4.4
M354076		4.20	<0.005	0.01	0.13	<5	230	0.07	0.01	20.7	0.06	1.47	1.8	<1	0.44	1.8
M354077		3.02	<0.005	0.09	6.97	4.1	2030	1.45	0.11	2.61	0.07	36.2	7.3	8	10.90	8.0
M354078		4.94	<0.005	0.09	7.40	7.3	1940	1.64	0.10	2.74	0.13	42.8	6.5	8	11.50	4.9





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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354044		3.20	17.20	0.17	1.1	0.044	2.46	24.6	11.5	0.93	647	0.75	2.34	8.5	3.7	620
M354045		3.22	16.50	0.15	1.1	0.045	2.43	20.8	11.6	0.88	638	0.72	2.34	8.6	3.4	630
M354046		3.19	16.30	0.18	1.0	0.052	2.42	22.5	11.1	0.88	621	0.62	2.36	8.6	2.9	620
M354047		3.20	17.05	0.19	1.1	0.046	2.44	23.2	11.1	0.89	666	0.92	2.26	8.8	3.1	620
M354048		3.26	16.65	0.19	1.1	0.044	2.37	22.0	13.4	0.91	647	0.98	2.33	8.8	3.0	630
M354049		3.48	17.70	0.19	1.2	0.050	2.50	22.7	13.9	0.99	744	0.83	2.42	9.4	3.2	660
M354050		3.15	16.75	0.17	1.2	0.048	2.43	19.5	14.1	0.85	693	0.84	2.28	8.7	2.9	610
M354051		3.27	15.75	0.16	1.0	0.086	2.42	16.4	11.0	0.83	900	0.65	1.63	8.2	2.7	560
M354052		3.25	16.95	0.17	1.1	0.060	2.50	18.4	13.2	0.85	728	0.69	2.22	8.9	3.0	620
M354053		3.30	16.30	0.16	1.2	0.048	2.40	19.9	13.1	0.87	695	0.75	2.16	8.9	2.8	640
M354054		3.16	16.85	0.17	1.2	0.049	2.35	19.1	13.8	0.89	704	0.67	2.26	8.9	3.0	600
M354157		3.31	16.90	0.20	1.2	0.048	2.43	23.8	14.4	0.97	724	0.68	2.36	8.9	3.0	650
M354055		3.38	16.85	0.19	1.2	0.051	2.41	19.4	15.0	0.95	678	0.67	2.33	9.0	3.0	640
M354056		3.29	16.50	0.18	1.0	0.067	2.43	22.1	16.5	0.83	567	0.79	2.14	8.7	2.9	600
M354057		3.21	15.85	0.16	1.1	0.055	2.37	19.1	15.6	0.81	557	0.69	2.19	8.5	2.8	610
M354058		5.13	15.00	0.16	1.3	0.990	2.62	16.7	24.6	0.63	1920	13.05	0.26	8.2	15.2	470
M354059		3.14	16.45	0.17	1.2	0.044	2.47	19.9	27.6	0.81	615	0.80	2.08	8.6	2.8	620
M354060		2.98	14.75	0.18	1.0	0.041	2.19	27.0	82.2	1.04	810	0.66	0.07	7.6	2.8	570
M354061		0.50	0.52	0.24	<0.1	0.005	0.04	0.6	1.4	12.75	217	0.09	0.01	0.5	3.4	180
M354062		3.24	17.95	0.15	1.1	0.048	2.41	17.2	53.2	0.67	564	0.55	0.80	8.9	2.8	620
M354063		2.75	15.35	0.16	1.0	0.038	1.97	20.6	69.1	0.57	734	0.75	0.25	8.1	2.4	560
M354064		3.07	15.95	0.17	1.1	0.044	2.29	18.8	23.9	0.61	671	0.96	1.39	8.5	2.6	580
M354065		3.06	16.75	0.17	1.2	0.054	2.42	20.4	43.2	0.78	645	0.98	1.25	9.0	2.7	630
M354066		3.21	16.80	0.17	1.3	0.054	2.14	19.8	84.9	0.72	630	0.76	1.60	9.8	2.8	650
M354067		3.18	15.05	0.13	1.1	0.106	2.47	17.6	49.9	0.93	1180	0.61	0.59	8.8	2.3	580
M354068		3.40	16.20	0.16	1.3	0.080	1.62	18.6	38.6	0.83	631	0.46	1.04	9.3	2.7	640
M354069		3.01	15.50	0.17	1.2	0.066	2.30	18.5	18.5	0.71	640	0.56	1.90	8.9	2.7	590
M354070		3.22	16.15	0.17	1.5	0.053	2.31	17.8	16.6	0.80	636	1.12	2.20	9.2	2.8	630
M354071		3.06	16.00	0.17	1.5	0.050	2.57	16.7	23.1	0.76	454	1.13	1.56	8.9	2.8	600
M354072		5.18	14.90	0.16	1.3	0.990	2.75	22.7	26.0	0.66	2010	12.60	0.26	8.1	15.3	470
M354073		3.13	16.05	0.17	1.3	0.048	2.40	19.8	18.2	0.86	570	1.40	2.27	8.5	2.9	590
M354074		2.99	15.45	0.19	1.4	0.047	2.49	20.0	18.7	0.81	532	1.54	2.07	8.8	2.9	590
M354075		3.36	14.25	0.16	1.3	0.063	2.22	19.6	42.4	0.99	860	1.67	0.59	7.7	2.7	560
M354076		0.49	0.64	0.24	<0.1	0.006	0.06	0.7	1.6	12.55	213	0.13	0.01	0.4	3.8	170
M354077		3.19	16.55	0.16	1.3	0.045	2.51	18.6	19.7	0.75	479	1.91	1.49	9.0	2.8	600
M354078		3.22	16.60	0.20	1.4	0.052	2.53	22.0	30.9	0.78	516	1.69	1.81	8.9	2.6	610



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M354044		17.4	86.1	<0.002	<0.01	1.16	13.3	2	1.6	436	0.65	<0.05	11.9	0.288	4.0
M354045		16.9	79.4	<0.002	<0.01	1.22	12.4	2	1.6	416	0.66	<0.05	10.4	0.288	3.5
M354046		15.7	87.7	<0.002	0.01	1.44	12.3	2	1.6	405	0.65	<0.05	10.8	0.277	3.7
M354047		15.8	83.3	<0.002	0.01	0.92	12.7	2	1.5	409	0.67	<0.05	11.3	0.289	3.8
M354048		16.9	82.2	<0.002	0.01	1.17	12.7	2	1.5	426	0.65	<0.05	10.9	0.280	3.9
M354049		17.9	86.4	<0.002	<0.01	1.04	13.9	2	1.7	452	0.68	<0.05	11.4	0.309	4.1
M354050		16.6	77.4	<0.002	0.01	1.14	11.9	2	1.5	415	0.65	<0.05	10.0	0.288	3.6
M354051		13.1	75.6	<0.002	0.06	1.85	10.5	2	1.6	311	0.61	<0.05	8.4	0.266	3.7
M354052		16.6	79.5	<0.002	0.01	1.34	11.9	2	1.5	407	0.65	<0.05	9.7	0.286	4.1
M354053		16.3	80.0	<0.002	0.01	1.15	12.2	2	1.5	397	0.68	<0.05	10.2	0.285	3.5
M354054		16.4	72.4	<0.002	<0.01	0.86	12.0	2	1.6	409	0.70	<0.05	10.2	0.278	4.0
M354157		17.2	82.9	<0.002	0.01	0.86	12.8	2	1.6	432	0.70	<0.05	12.1	0.290	4.3
M354055		16.5	75.2	<0.002	0.04	1.16	12.0	2	1.6	422	0.70	<0.05	10.1	0.293	3.8
M354056		16.2	93.7	<0.002	0.24	2.49	12.2	2	1.5	367	0.63	<0.05	10.9	0.279	4.1
M354057		15.9	76.6	<0.002	0.03	1.79	11.4	2	1.6	426	0.63	<0.05	8.9	0.283	3.1
M354058		1315	131.0	<0.002	2.99	33.9	9.0	2	5.9	138.5	0.63	0.29	10.1	0.196	5.1
M354059		18.0	82.9	<0.002	0.02	2.19	11.8	2	1.6	422	0.65	<0.05	10.6	0.277	4.0
M354060		19.7	89.1	<0.002	0.33	11.95	12.1	2	2.5	227	0.58	<0.05	11.8	0.247	4.0
M354061		2.5	3.2	<0.002	<0.01	0.05	0.4	1	0.2	40.9	<0.05	<0.05	0.2	<0.005	0.6
M354062		17.1	72.4	<0.002	0.06	6.41	12.5	1	2.2	326	0.66	<0.05	9.5	0.291	3.3
M354063		30.4	63.2	<0.002	0.10	15.95	11.1	2	2.1	254	0.62	<0.05	9.8	0.256	3.7
M354064		17.9	73.3	<0.002	0.07	3.95	11.2	2	2.0	401	0.67	<0.05	10.0	0.266	3.5
M354065		16.9	80.5	<0.002	0.12	5.29	12.2	2	2.4	315	0.72	<0.05	11.4	0.285	4.4
M354066		17.4	76.9	<0.002	0.15	5.16	12.7	2	2.0	376	0.78	<0.05	11.5	0.292	4.3
M354067		90.4	93.8	<0.002	0.38	5.74	11.2	2	1.9	173.0	0.71	0.05	10.6	0.264	4.7
M354068		15.8	58.6	<0.002	0.06	6.12	12.2	2	2.3	225	0.83	<0.05	12.0	0.291	4.2
M354069		18.9	82.6	<0.002	0.07	4.47	11.2	2	2.0	342	0.81	<0.05	10.6	0.267	4.2
M354070		18.1	80.7	<0.002	0.01	1.83	12.6	2	1.9	388	0.74	<0.05	11.7	0.279	4.3
M354071		17.9	89.0	<0.002	0.02	3.17	12.9	2	1.8	399	0.75	<0.05	12.6	0.277	4.1
M354072		1305	154.5	<0.002	2.98	34.4	9.6	2	6.1	139.5	0.62	0.26	11.7	0.205	5.3
M354073		18.5	81.0	<0.002	0.01	1.13	11.5	2	1.7	409	0.71	<0.05	12.1	0.258	4.4
M354074		16.1	88.2	<0.002	0.01	1.48	11.6	2	1.6	358	0.73	<0.05	11.9	0.270	4.1
M354075		19.9	74.1	<0.002	0.21	12.25	10.9	2	1.6	227	0.66	<0.05	11.1	0.246	3.6
M354076		1.5	3.3	<0.002	0.01	0.06	0.5	1	<0.2	44.3	<0.05	<0.05	0.2	0.006	0.7
M354077		17.0	88.3	<0.002	0.01	3.86	12.0	2	1.9	350	0.76	<0.05	11.2	0.280	3.8
M354078		17.8	97.8	<0.002	0.03	4.01	13.0	2	1.8	372	0.79	<0.05	14.1	0.272	4.9



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M354044		82	0.5	17.4	46	28.8	1
M354045		83	0.5	16.2	51	28.3	<1
M354046		79	0.5	16.8	43	29.2	1
M354047		81	0.4	17.3	46	30.9	<1
M354048		80	0.5	17.2	46	31.8	<1
M354049		89	0.5	18.4	52	33.0	<1
M354050		83	0.4	16.0	48	31.7	<1
M354051		76	1.1	13.6	46	27.8	<1
M354052		82	0.8	15.5	46	30.0	<1
M354053		82	0.7	16.3	45	30.8	<1
M354054		80	0.5	16.0	47	33.9	<1
M354157		82	0.5	17.4	49	32.1	<1
M354055		83	0.6	15.7	47	31.8	<1
M354056		78	1.1	15.4	45	28.7	<1
M354057		79	0.9	14.4	41	29.7	<1
M354058		56	5.1	10.6	2760	41.5	8
M354059		79	0.9	15.1	46	33.0	<1
M354060		73	1.7	16.4	48	28.6	<1
M354061		2	0.1	0.9	13	0.8	<1
M354062		83	1.8	12.9	50	31.1	1
M354063		72	6.6	16.6	46	28.8	<1
M354064		77	2.1	16.5	41	29.7	1
M354065		80	2.5	16.2	43	30.8	1
M354066		85	1.3	17.1	57	33.9	<1
M354067		69	2.6	14.0	97	29.0	1
M354068		77	3.5	14.1	49	31.4	<1
M354069		75	1.6	14.9	43	31.2	1
M354070		83	1.4	16.9	46	36.9	1
M354071		81	2.5	14.0	40	38.1	<1
M354072		58	5.2	11.7	2920	41.3	10
M354073		74	0.9	15.6	41	32.9	1
M354074		77	0.9	15.8	35	36.3	<1
M354075		72	2.2	15.9	44	32.3	<1
M354076		4	0.1	1.0	12	0.7	<1
M354077		78	2.1	14.2	40	34.7	<1
M354078		78	1.5	17.0	41	37.9	<1



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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P.O. No.: Batch 5

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 12-SEP-2012  
Account: ROCKHA

Project: Klaza - 112

**CERTIFICATE OF ANALYSIS WH12199400**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354079		3.05	<0.005	0.21	6.77	20.1	1510	1.69	0.54	2.25	0.61	46.1	20.8	20	20.8	8.5
M354080		6.90	<0.005	0.06	7.20	6.7	2020	1.51	0.19	2.48	0.09	53.3	7.5	22	9.96	7.8
M354081		4.42	<0.005	0.03	6.36	2.5	1910	1.40	0.09	2.45	0.08	50.4	7.0	20	5.24	8.0
M354082		2.35	<0.005	0.03	7.42	2.9	2210	1.59	0.14	2.71	0.09	67.7	8.1	20	5.85	6.4
M354083		5.00	<0.005	0.04	7.39	4.8	2090	1.83	0.13	2.79	0.09	61.1	8.2	24	13.20	11.4
M354084		3.02	<0.005	0.05	6.50	15.0	1400	1.56	0.08	3.31	0.13	44.5	8.5	15	20.8	5.3
M354085		4.38	<0.005	0.06	7.30	4.2	2130	1.61	0.09	2.73	0.09	61.0	8.1	24	8.12	5.0
M354086		0.26	4.46	>100	5.61	7980	1020	1.23	65.2	2.02	238	40.0	9.6	17	11.80	1315
M354087		7.50	<0.005	0.12	7.54	7.6	2330	1.75	0.14	2.72	0.23	57.2	9.3	23	6.41	6.8
M354088		9.27	<0.005	0.07	7.25	2.9	2160	1.61	0.12	2.88	0.11	56.6	7.6	26	6.80	7.4
M354089		5.47	<0.005	0.04	7.01	2.4	2100	1.61	0.08	2.85	0.09	53.7	7.5	22	8.13	5.5
M354090		5.18	<0.005	0.14	6.45	19.3	1970	1.58	0.14	2.89	0.10	39.5	8.5	21	18.60	42.8
M354091		2.56	<0.005	0.05	6.94	12.1	1630	2.07	0.15	2.93	0.10	43.5	6.1	23	30.2	5.7
M354092		2.67	<0.005	0.55	6.51	32.8	2430	1.68	0.12	3.34	6.73	47.3	7.2	17	21.4	12.7
M354093		4.37	<0.005	0.08	7.21	5.4	2220	1.53	0.11	2.78	0.13	52.3	7.4	29	9.12	4.4
M354094		2.45	<0.005	0.12	6.81	7.7	1780	1.51	0.12	2.83	0.13	48.9	6.8	30	11.25	7.6
M354095		7.82	<0.005	0.05	7.22	7.0	2170	1.61	0.08	2.72	0.12	53.8	7.6	23	7.14	8.2
M354096		7.95	<0.005	0.07	7.08	5.4	2180	1.54	0.08	2.74	0.14	57.9	7.9	25	6.54	5.4
M354097		0.22	4.37	>100	5.40	8180	1000	1.24	61.2	2.01	228	38.6	9.4	17	11.35	1320
M354098		8.22	<0.005	0.15	7.08	9.2	2140	1.65	0.11	2.81	0.24	50.1	8.0	22	8.59	6.3
M354099		4.39	<0.005	0.07	6.95	3.9	2120	1.61	0.09	2.47	0.12	55.6	7.9	23	9.20	4.9
M354100		2.29	<0.005	0.09	6.34	4.3	1810	1.60	0.09	3.60	0.11	48.2	7.2	21	16.75	8.3
M354101		3.25	0.026	0.64	6.93	152.0	1810	2.04	0.15	3.99	1.99	53.5	6.5	17	20.0	6.5
M354102		1.92	0.072	12.50	7.26	262	840	2.12	1.67	2.30	1.25	70.1	17.1	12	29.3	669
M354103		2.54	1.740	>100	2.35	8090	160	0.64	30.2	3.19	100.5	13.70	91.5	10	6.81	4180
M354104		Not Recvd														
M354105		9.19	0.029	1.88	6.83	138.0	1490	2.14	0.32	2.99	2.79	62.3	7.0	16	21.6	24.3
M354106		2.14	1.075	19.80	6.28	7210	370	1.66	3.73	2.85	6.48	45.8	22.0	15	13.05	132.5
M354107		2.83	<0.005	0.09	0.17	5	30	0.08	0.04	20.8	0.09	1.58	1.8	<1	0.66	2.8
M354108		2.15	0.023	0.19	6.45	22.2	1920	1.64	0.13	2.92	0.11	41.9	7.0	19	9.58	5.0
M354109		5.10	<0.005	0.09	7.02	6.6	2040	1.76	0.07	2.91	0.11	49.1	7.4	20	10.75	4.6
M354110		<0.02	<0.005	0.08	7.00	6.4	2010	1.80	0.07	2.68	0.09	45.2	10.0	14	10.10	4.1
M354111		6.11	<0.005	0.08	7.12	11.2	2070	1.63	0.08	2.71	0.25	41.9	11.2	20	6.50	3.8
M354112		3.55	<0.005	0.06	6.97	7.7	2070	1.73	0.05	2.68	0.11	41.8	9.6	25	6.04	3.2
M354113		2.39	<0.005	0.11	6.91	12.7	2010	1.74	0.16	2.83	0.12	42.2	16.6	21	6.81	4.6
M354114		2.85	<0.005	0.16	6.54	13.8	1930	1.81	0.34	2.72	0.15	41.1	13.5	20	7.54	5.0
M354116		2.46	<0.005	0.01	0.08	<5	240	0.06	<0.01	20.0	0.05	1.25	1.7	<1	0.56	1.8



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Plus Appendix Pages  
Finalized Date: 12-SEP-2012  
Account: ROCKHA

Project: Klaza - 112

**CERTIFICATE OF ANALYSIS WH12199400**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354079		2.63	16.15	0.12	1.4	0.071	2.13	23.2	57.1	0.75	798	2.46	0.05	7.2	3.2	460
M354080		2.90	17.10	0.13	1.3	0.051	2.45	25.1	25.3	0.77	553	2.62	1.70	8.2	2.9	610
M354081		2.65	15.35	0.12	1.2	0.047	2.19	24.2	14.8	0.82	569	2.30	1.95	7.5	2.6	540
M354082		3.02	17.35	0.13	1.5	0.041	2.50	34.2	15.9	0.92	642	2.23	2.21	8.2	3.2	620
M354083		3.12	17.30	0.14	1.5	0.053	2.43	29.6	16.2	0.82	612	1.95	2.13	8.7	3.3	640
M354084		2.63	16.75	0.12	1.2	0.044	2.14	20.6	70.4	0.76	783	1.54	0.80	7.9	3.0	580
M354085		2.95	17.45	0.12	1.3	0.045	2.49	30.6	25.0	0.88	623	2.69	2.05	8.3	3.2	620
M354086		8.26	13.95	0.15	1.1	5.17	2.30	19.9	33.2	0.66	3120	14.20	0.09	5.9	15.5	470
M354087		3.11	17.85	0.09	1.4	0.044	2.51	27.5	17.2	0.96	625	2.17	2.28	8.4	3.0	630
M354088		2.96	16.60	0.10	1.3	0.044	2.49	27.1	16.1	0.85	634	2.79	2.21	8.0	2.9	610
M354089		2.91	16.70	0.10	1.4	0.042	2.47	25.2	16.2	0.78	617	2.04	2.00	8.3	2.9	600
M354090		2.91	16.20	0.11	1.5	0.051	2.21	18.1	28.3	0.75	642	1.63	1.42	8.3	2.9	570
M354091		2.91	16.90	0.10	1.5	0.042	1.99	20.2	48.7	0.65	613	1.73	1.33	9.9	2.6	590
M354092		2.71	16.20	0.10	1.4	0.038	2.24	23.0	76.1	0.93	737	1.22	0.16	8.7	2.6	540
M354093		2.94	16.90	0.10	1.1	0.044	2.27	24.5	16.7	0.83	600	1.89	2.26	8.1	2.9	620
M354094		2.92	16.30	0.09	1.2	0.054	2.20	23.3	25.3	0.83	568	1.98	1.98	8.0	3.1	600
M354095		3.03	17.00	0.11	1.2	0.046	2.51	26.1	19.1	0.94	608	1.76	2.28	8.3	5.8	620
M354096		2.98	17.00	0.11	1.2	0.048	2.54	28.3	16.9	0.93	635	2.08	2.16	8.2	3.0	610
M354097		7.91	13.85	0.15	1.1	5.02	2.30	19.3	32.5	0.63	3120	14.50	0.09	5.8	15.0	460
M354098		3.06	17.15	0.11	1.2	0.050	2.55	23.4	19.4	0.82	586	1.88	2.05	8.4	3.2	650
M354099		3.04	16.70	0.11	1.3	0.051	2.54	26.2	15.6	0.79	542	3.40	2.09	8.4	3.1	650
M354100		2.91	16.65	0.09	1.1	0.056	2.53	22.4	13.1	0.70	780	2.72	1.70	7.8	3.1	600
M354101		3.19	16.55	0.12	1.3	0.119	2.66	26.9	15.9	0.94	3020	1.91	0.73	7.8	3.0	590
M354102		3.52	18.20	0.13	2.4	0.214	1.89	34.0	48.0	0.74	578	2.11	0.08	11.6	3.4	920
M354103		16.10	5.96	0.26	0.5	4.50	0.79	6.1	16.6	0.81	1400	10.70	0.08	2.8	3.2	160
M354104																
M354105		2.57	17.95	0.10	3.2	0.074	2.67	31.3	62.1	1.08	737	1.36	0.07	9.7	6.4	1010
M354106		5.67	14.60	0.12	1.3	0.444	2.38	23.5	21.0	0.94	2160	1.70	0.54	7.0	3.2	530
M354107		0.49	0.46	<0.05	<0.1	0.006	0.08	0.7	1.7	12.40	230	0.14	0.01	0.3	4.5	190
M354108		2.83	16.15	0.09	1.3	0.059	2.51	18.7	9.5	0.83	698	1.30	1.90	7.7	2.8	570
M354109		2.90	17.15	0.11	1.4	0.045	2.54	22.3	14.7	0.86	647	1.53	2.20	8.6	4.0	640
M354110		2.85	16.35	0.11	1.2	0.045	2.48	20.6	14.6	0.85	594	1.06	2.12	8.1	3.0	560
M354111		3.00	16.75	0.15	1.2	0.055	2.53	21.3	16.6	0.83	575	1.97	2.30	9.0	2.9	610
M354112		3.04	16.30	0.19	1.3	0.050	2.50	21.8	17.1	0.91	585	1.99	2.25	8.8	3.1	600
M354113		3.26	16.10	0.17	1.3	0.064	2.49	21.2	14.0	0.84	591	1.96	2.15	8.9	3.0	620
M354114		3.19	16.05	0.16	1.5	0.087	2.36	20.1	13.3	0.85	630	2.15	2.01	9.7	2.9	620
M354116		0.48	0.55	0.30	<0.1	0.005	0.04	0.6	1.4	12.10	213	0.13	0.01	0.5	2.9	180



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**CERTIFICATE OF ANALYSIS WH12199400**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M354079		27.2	94.9	<0.002	0.26	14.70	9.5	1	2.0	123.0	0.88	0.06	16.2	0.201	5.4
M354080		16.5	93.3	<0.002	0.06	5.05	12.2	1	1.9	335	0.72	0.06	12.7	0.260	4.2
M354081		14.7	83.1	<0.002	0.01	0.60	11.3	1	1.7	355	0.65	<0.05	12.5	0.231	4.1
M354082		16.9	101.0	<0.002	0.01	0.60	13.4	1	1.7	405	0.73	<0.05	16.5	0.262	5.0
M354083		17.4	99.5	<0.002	0.04	1.57	13.6	1	1.8	408	0.77	<0.05	15.9	0.276	4.8
M354084		14.4	72.7	<0.002	0.12	9.79	11.5	1	1.5	256	0.68	<0.05	10.7	0.257	3.5
M354085		16.4	100.5	<0.002	0.02	1.48	13.4	1	1.6	387	0.69	<0.05	14.6	0.265	4.3
M354086		9840	138.0	<0.002	7.27	223	8.3	2	9.2	129.0	0.49	0.55	9.5	0.189	5.8
M354087		23.6	94.6	<0.002	0.02	0.81	13.0	1	1.6	429	0.74	<0.05	13.3	0.268	4.3
M354088		17.6	92.8	<0.002	0.02	0.77	12.5	1	1.6	402	0.68	<0.05	13.7	0.258	4.2
M354089		16.7	93.2	<0.002	0.01	1.44	12.2	1	1.6	373	0.71	<0.05	12.5	0.261	4.1
M354090		15.2	77.0	<0.002	0.12	8.31	10.5	1	1.6	312	0.78	<0.05	11.3	0.255	4.4
M354091		16.6	84.3	<0.002	0.05	5.66	11.0	1	1.9	312	1.29	<0.05	11.2	0.263	4.6
M354092		84.1	80.9	<0.002	0.25	12.05	10.9	1	1.6	201	1.19	<0.05	11.2	0.246	5.2
M354093		17.7	83.6	<0.002	0.02	1.59	12.5	1	1.6	410	0.66	<0.05	11.3	0.269	3.4
M354094		17.2	84.3	<0.002	0.04	2.08	11.8	1	1.7	359	0.67	<0.05	11.4	0.264	3.6
M354095		18.8	93.4	<0.002	0.01	1.15	12.8	1	1.7	420	0.69	<0.05	12.7	0.273	4.4
M354096		19.3	92.2	<0.002	0.01	0.94	12.7	1	1.6	411	0.68	<0.05	13.1	0.265	4.4
M354097		9420	134.0	0.002	7.01	219	8.3	2	9.0	124.5	0.48	0.50	8.9	0.190	5.5
M354098		24.3	89.8	<0.002	0.02	3.08	12.9	1	1.7	428	0.70	<0.05	11.4	0.276	3.7
M354099		18.6	93.8	<0.002	0.01	2.94	13.6	1	1.8	412	0.72	<0.05	13.5	0.275	4.4
M354100		17.6	91.4	<0.002	0.01	5.14	12.2	1	1.7	391	0.65	<0.05	10.1	0.266	3.2
M354101		141.5	121.5	<0.002	0.40	8.02	10.4	1	2.1	285	0.63	<0.05	11.5	0.243	4.3
M354102		60.9	66.3	<0.002	2.22	96.8	6.1	1	2.1	349	0.87	0.28	9.7	0.255	8.7
M354103		4320	49.2	0.006	>10.0	644	3.6	3	8.7	84.0	0.21	9.24	3.3	0.079	4.6
M354104															
M354105		52.4	125.0	<0.002	0.47	14.75	7.1	1	1.6	246	0.74	0.10	8.6	0.279	5.8
M354106		350	122.0	<0.002	3.85	62.7	9.6	1	3.5	280	0.66	1.23	12.2	0.222	5.8
M354107		3.7	5.4	<0.002	0.01	0.24	0.5	1	<0.2	44.3	<0.05	<0.05	<0.2	0.007	0.7
M354108		19.6	89.6	<0.002	0.06	1.99	10.4	1	1.7	343	0.73	<0.05	10.3	0.252	4.0
M354109		18.4	98.7	<0.002	0.03	1.41	12.2	1	1.9	383	0.78	<0.05	12.0	0.269	4.6
M354110		16.9	99.2	<0.002	0.03	1.39	11.8	1	1.6	368	0.77	<0.05	11.1	0.262	4.4
M354111		21.1	87.1	<0.002	0.04	1.69	11.9	2	2.1	379	0.73	<0.05	12.5	0.259	4.7
M354112		15.5	82.8	<0.002	0.01	1.11	12.3	2	1.9	400	0.70	<0.05	12.0	0.263	4.2
M354113		16.5	81.8	<0.002	0.31	1.31	11.3	2	2.3	367	0.78	0.07	12.7	0.256	4.6
M354114		21.5	78.7	<0.002	0.23	1.55	11.9	2	2.4	348	0.98	0.08	12.1	0.260	5.2
M354116		1.4	3.2	<0.002	0.01	<0.05	0.3	2	<0.2	38.0	<0.05	<0.05	0.2	<0.005	0.6





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**CERTIFICATE OF ANALYSIS WH12199400**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M354079		60	4.5	16.6	76	31.3	<1	
M354080		75	2.2	18.1	42	29.7	1	
M354081		67	1.1	17.3	46	27.9	<1	
M354082		77	1.2	20.4	47	33.3	<1	
M354083		82	1.3	20.0	51	33.4	<1	
M354084		76	1.9	17.0	47	28.8	<1	
M354085		77	1.4	19.9	44	32.1	<1	
M354086		56	4.7	10.8	>10000	34.1	119	1.600
M354087		76	1.3	19.2	58	32.0	<1	
M354088		75	1.2	18.7	50	32.0	<1	
M354089		76	1.3	18.7	46	32.6	<1	
M354090		72	1.3	16.0	45	33.1	<1	
M354091		73	1.5	18.3	45	32.5	<1	
M354092		71	2.2	17.6	492	30.2	1	
M354093		76	0.9	17.7	45	28.2	<1	
M354094		74	1.0	16.3	43	30.2	<1	
M354095		78	0.7	18.3	44	29.6	<1	
M354096		78	0.5	18.9	47	30.0	<1	
M354097		56	4.5	10.6	>10000	33.5	123	1.675
M354098		82	1.3	17.9	60	32.4	<1	
M354099		81	1.0	17.4	45	32.4	<1	
M354100		79	2.1	18.1	51	29.0	<1	
M354101		66	2.6	15.7	217	36.5	<1	
M354102		50	2.3	12.1	140	80.2	13	
M354103		25	2.6	6.0	7140	14.6	167	
M354104								
M354105		61	2.2	13.8	261	121.0	2	
M354106		62	2.5	13.7	530	33.2	19	
M354107		5	0.1	1.1	17	0.5	<1	
M354108		73	0.8	16.3	48	30.0	1	
M354109		81	0.7	18.5	47	32.4	<1	
M354110		80	0.7	17.6	43	27.6	<1	
M354111		75	0.9	16.8	47	34.4	<1	
M354112		78	0.9	17.6	38	36.1	<1	
M354113		77	1.2	16.6	40	34.3	<1	
M354114		81	1.7	17.1	46	35.8	<1	
M354116		2	0.1	0.9	12	0.5	<1	



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**CERTIFICATE OF ANALYSIS WH12199400**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (detection limit 2 ppm) REE's may not be totally soluble in this method.



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**CERTIFICATE WH12199401**

Project: Klaza - 114

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12199401**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N814790		2.87	0.011		0.16	6.74	18.4	1960	1.47	0.41	2.81	0.27	32.6	8.4	8	32.5
N814791		5.53	0.009		0.14	6.32	9.0	2140	1.55	0.59	3.88	0.13	38.1	9.7	11	10.95
N814792		6.41	0.013		0.27	7.14	11.1	2260	1.79	0.48	2.46	0.24	41.3	8.6	9	12.70
N814793		3.31	0.548		2.99	6.20	111.5	530	1.49	4.94	1.85	4.06	50.6	14.0	9	17.05
N814794		2.78	9.55		>100	6.03	666	90	1.27	205	2.16	4.11	42.5	19.5	8	13.40
N814795		1.95	0.006		0.24	0.15	<5	40	0.07	0.35	20.4	0.06	1.72	1.6	<1	0.55
N814796		4.92	0.067		0.57	7.30	13.7	1900	1.64	0.71	2.15	0.57	46.9	7.4	12	14.50
N814797		5.21	0.248		1.24	7.02	27.8	1650	1.59	1.91	2.23	1.82	46.4	8.2	10	13.55
N814798		4.12	0.006		0.32	7.24	10.6	2100	1.83	0.56	2.51	0.87	43.9	7.5	10	13.85
N814799		2.15	0.017		0.31	7.06	10.1	2040	1.79	0.63	2.61	0.77	40.2	7.8	10	14.10
N814800		2.53	0.545		2.05	7.25	35.0	1960	1.66	3.14	1.78	5.51	38.6	8.8	9	14.70
N814801		4.67	0.054		1.43	6.82	17.5	1270	1.66	2.63	2.08	0.50	45.9	9.6	9	13.50
N814802		5.37	0.106		1.57	7.32	29.1	650	1.48	2.05	1.46	1.57	44.1	8.6	9	15.60
N814803		4.27	>10.0	11.30	>100	5.40	1680	60	1.11	462	1.37	6.78	29.6	9.6	8	8.75
N814804		2.36	0.007		0.41	0.06	5	20	0.05	1.27	20.5	0.08	1.20	1.4	<1	0.24
N814805		5.89	0.067		0.51	6.99	14.4	2070	1.67	1.00	2.67	0.96	42.5	8.0	11	15.40
N814806		4.08	0.092		0.78	7.72	13.9	2340	1.89	1.67	2.68	0.32	46.2	7.4	13	11.80
N814807		0.23	2.27		23.3	5.61	3360	270	1.43	17.35	2.19	77.5	40.2	12.5	18	14.50
N814808		2.54	0.248		1.69	6.96	73.7	790	1.79	4.54	2.78	1.70	40.6	15.5	8	17.40
N814809		2.59	0.046		0.16	7.14	8.6	2480	1.86	0.59	2.80	0.33	41.9	9.0	11	12.45
N814810		3.80	0.013		0.15	7.50	9.7	2390	1.84	0.58	2.63	0.26	44.3	9.0	10	14.80
N814811		<0.02	0.014		0.15	7.50	9.0	2400	1.93	0.64	2.63	0.27	42.0	9.1	10	15.10
N814812		4.77	0.018		0.16	6.32	26.7	1950	1.78	0.79	2.27	0.46	29.9	9.0	7	20.6
N814813		3.51	0.005		0.11	6.23	22.2	1050	1.44	0.28	1.84	0.32	31.7	5.8	8	16.25
N814814		3.82	0.019		0.19	7.13	21.8	1770	1.92	1.06	2.43	0.47	42.4	8.1	8	21.1
N814815		3.60	0.661		0.94	6.22	64.1	1230	1.92	8.82	2.72	0.52	37.3	7.7	7	16.85
N814816		6.43	0.019		0.13	6.66	7.6	2080	1.88	0.49	2.35	0.19	37.5	7.9	8	16.75
N814817		4.30	0.022		0.08	6.77	16.6	1190	1.88	0.54	1.83	0.39	40.2	11.1	10	20.1
N814818		5.12	0.041		0.26	6.65	30.2	750	1.62	1.48	1.51	0.52	36.4	13.5	8	14.55
N814819		5.53	0.633		1.35	5.78	65.5	370	1.63	5.24	1.90	0.87	48.5	12.9	7	21.8
N814820		0.23	2.24		22.2	5.84	3330	150	1.39	17.15	2.14	76.2	39.9	12.3	18	14.15
N814821		3.39	0.033		0.25	7.08	16.6	1730	1.60	0.85	2.84	0.51	40.4	9.4	11	18.45
N814822		7.32	0.101		0.87	7.34	20.7	1640	1.70	5.03	2.35	0.61	52.2	10.6	12	13.10
N814823		5.14	1.035		0.77	7.23	29.1	540	1.71	2.68	1.65	2.67	58.1	17.0	11	10.50
N814824		2.80	1.305		2.15	6.60	46.8	280	1.50	2.05	1.50	13.70	50.3	12.6	10	10.50
N814825		6.07	0.118		0.51	7.57	13.8	1970	1.64	1.03	2.29	0.91	48.0	6.3	14	12.50



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**CERTIFICATE OF ANALYSIS WH12199401**

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N814790		9.4	3.15	16.70	0.14	1.1	0.059	2.52	16.2	16.1	0.62	656	1.40	1.17	7.9	2.6
N814791		23.3	3.01	16.75	0.17	1.0	0.055	2.32	19.0	13.0	0.71	650	2.07	1.77	8.5	2.9
N814792		16.4	2.93	16.30	0.19	1.1	0.064	2.56	21.3	15.3	0.65	453	2.05	1.59	8.6	2.5
N814793		193.0	3.64	14.70	0.16	0.8	0.203	2.71	29.8	11.2	0.71	1400	89.0	0.17	6.4	2.0
N814794		6030	8.44	15.35	0.17	0.8	2.65	2.67	24.7	8.7	0.73	1590	68.0	0.08	6.5	2.8
N814795		13.8	0.51	0.49	0.08	<0.1	0.010	0.05	0.8	1.5	12.45	219	0.37	0.02	0.6	2.9
N814796		38.8	2.97	16.80	0.15	1.1	0.101	2.94	24.7	27.0	0.65	549	2.94	1.13	8.2	2.9
N814797		103.0	3.67	16.70	0.16	1.0	0.154	3.26	24.3	12.6	0.71	699	11.40	1.09	8.2	2.6
N814798		17.8	3.01	16.55	0.16	1.2	0.068	2.79	22.7	14.6	0.70	593	2.72	1.93	8.8	2.6
N814799		14.0	3.11	16.65	0.17	1.2	0.085	2.93	20.6	14.5	0.70	610	5.38	1.76	8.8	2.7
N814800		105.5	3.98	16.95	0.15	1.1	0.185	2.58	20.0	34.3	0.57	590	1.43	0.42	8.5	2.7
N814801		35.8	4.29	14.80	0.17	1.0	0.227	1.78	24.9	26.2	0.69	596	0.75	1.67	7.6	2.5
N814802		67.1	3.31	16.40	0.13	1.1	0.132	1.56	22.8	75.7	0.54	1010	0.72	0.05	8.9	2.6
N814803		>10000	8.33	14.85	0.17	0.7	3.48	2.65	15.3	14.6	0.62	661	8.66	0.04	4.5	3.0
N814804		24.9	0.49	0.28	0.05	<0.1	0.012	0.03	0.6	1.1	12.25	222	0.19	<0.01	0.3	1.9
N814805		35.0	3.17	16.85	0.12	1.1	0.122	2.75	21.6	11.2	0.75	561	3.53	1.62	8.4	2.7
N814806		58.1	3.42	17.65	0.21	1.0	0.097	2.59	24.2	13.8	0.91	460	1.75	2.15	9.0	2.9
N814807		447	6.36	14.60	0.16	0.9	1.825	2.54	22.0	26.7	0.84	1920	14.00	0.04	6.5	15.0
N814808		101.0	4.10	17.80	0.16	0.9	0.189	3.18	20.6	32.2	0.86	1030	1.06	0.51	7.4	2.9
N814809		16.3	3.20	17.60	0.18	1.0	0.063	2.47	21.3	19.7	0.85	467	1.93	2.03	8.8	3.1
N814810		22.7	3.46	17.40	0.20	1.0	0.052	2.35	22.7	19.3	0.88	474	5.85	1.95	8.7	3.1
N814811		23.0	3.47	17.35	0.21	1.1	0.054	2.36	21.2	19.0	0.89	473	5.87	1.97	9.1	3.1
N814812		19.9	3.19	15.80	0.15	1.0	0.061	1.95	14.6	83.9	0.56	678	9.51	0.07	8.2	2.9
N814813		11.2	2.55	14.75	0.13	1.0	0.052	1.62	16.1	97.6	0.49	729	1.20	0.06	8.0	2.5
N814814		25.8	3.53	16.90	0.16	1.1	0.079	2.05	21.4	35.3	0.62	381	1.06	0.68	8.9	2.8
N814815		128.0	3.89	15.60	0.16	1.2	0.106	2.46	19.2	25.8	0.64	612	11.75	0.65	8.9	2.4
N814816		19.3	2.86	15.35	0.17	1.0	0.049	2.35	19.8	23.9	0.58	425	4.14	1.31	8.3	2.5
N814817		25.5	2.82	15.45	0.14	1.1	0.070	1.71	21.0	37.5	0.57	489	1.10	0.25	8.6	3.3
N814818		47.8	4.18	15.10	0.13	1.1	0.093	1.43	18.7	40.5	0.52	685	0.85	0.05	8.1	3.4
N814819		204	3.78	12.40	0.13	0.9	0.085	1.75	28.7	31.1	0.62	638	0.96	0.04	6.1	2.7
N814820		439	6.62	14.25	0.16	0.9	1.725	2.49	21.6	25.4	0.88	1890	13.50	0.04	6.4	18.4
N814821		50.1	2.74	15.45	0.14	1.2	0.102	2.42	21.8	53.7	0.83	402	0.57	1.05	8.0	4.3
N814822		211	3.23	15.75	0.17	1.1	0.157	2.06	29.0	15.1	0.79	391	0.80	2.57	8.0	3.3
N814823		56.4	3.85	15.15	0.19	0.9	0.070	2.02	35.3	14.5	0.83	369	0.88	2.10	6.5	3.1
N814824		85.3	4.38	14.00	0.18	0.8	0.122	1.51	28.9	58.9	0.61	289	0.52	1.48	5.3	2.9
N814825		72.7	3.09	15.70	0.18	1.1	0.117	2.30	27.5	23.2	0.79	489	0.59	1.58	7.7	2.7



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**CERTIFICATE OF ANALYSIS WH12199401**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.2	% 0.005	ppm 0.02
N814790		610	22.2	85.6	<0.002	0.15	6.10	10.8	1	1.6	263	0.56	0.18	8.1	0.256	1.38
N814791		590	17.0	67.2	<0.002	0.30	4.78	10.7	2	1.9	342	0.66	0.28	8.5	0.267	1.02
N814792		590	22.3	87.3	<0.002	0.33	5.01	11.2	2	2.5	290	0.67	0.16	12.0	0.257	1.23
N814793		470	130.5	173.0	0.006	2.37	27.8	10.4	2	7.6	66.2	0.46	1.03	12.5	0.198	2.64
N814794		480	623	160.0	0.004	8.01	101.0	9.7	3	10.3	45.6	0.49	3.57	12.0	0.187	2.49
N814795		180	2.6	3.3	<0.002	0.01	0.40	0.5	2	0.2	41.6	<0.05	<0.05	0.2	0.009	0.02
N814796		580	66.7	114.5	<0.002	0.46	11.20	11.5	2	2.6	222	0.71	0.17	15.0	0.241	1.60
N814797		560	116.5	149.5	<0.002	1.31	3.62	11.2	2	5.6	217	0.68	0.28	13.7	0.235	2.09
N814798		590	60.4	102.0	<0.002	0.22	3.47	10.7	2	2.0	320	0.75	0.11	13.8	0.247	1.37
N814799		560	48.4	103.5	<0.002	0.32	3.92	10.6	2	2.8	302	0.75	0.13	12.5	0.252	1.46
N814800		660	130.5	103.5	<0.002	1.10	41.4	11.4	2	4.6	118.5	0.61	0.57	10.4	0.267	1.66
N814801		570	53.8	97.5	<0.002	1.18	7.87	10.9	2	6.1	240	0.59	0.58	12.6	0.239	1.53
N814802		660	79.5	69.2	<0.002	0.72	39.6	11.3	2	4.0	155.5	0.71	0.49	12.5	0.264	1.45
N814803		430	874	142.0	<0.002	8.07	1240	8.8	4	12.7	48.0	0.35	4.68	10.3	0.140	2.27
N814804		170	3.1	1.8	<0.002	0.01	2.86	0.4	2	<0.2	37.7	<0.05	<0.05	<0.2	<0.005	0.02
N814805		600	52.8	105.0	<0.002	0.54	3.49	11.6	2	3.5	308	0.69	0.24	12.2	0.258	1.57
N814806		660	26.0	103.5	<0.002	0.34	6.04	13.0	2	3.3	376	0.72	0.16	12.2	0.283	1.49
N814807		430	2670	154.5	<0.002	4.48	90.3	9.1	2	8.3	84.4	0.49	0.38	10.9	0.179	2.38
N814808		600	80.8	148.5	<0.002	2.34	7.09	11.7	2	7.7	133.0	0.54	1.67	10.1	0.240	2.68
N814809		630	23.8	89.7	<0.002	0.42	2.56	12.6	2	2.8	382	0.64	0.22	10.5	0.276	1.32
N814810		650	21.7	84.8	<0.002	0.31	3.46	12.1	2	2.3	369	0.66	0.19	12.1	0.281	1.17
N814811		680	21.1	83.8	<0.002	0.33	3.21	12.0	2	2.4	371	0.66	0.28	11.0	0.282	1.16
N814812		590	27.6	54.8	<0.002	0.63	23.4	10.5	1	3.6	93.4	0.66	0.29	9.4	0.255	1.44
N814813		550	17.8	46.6	<0.002	0.23	27.5	9.8	1	3.5	108.5	0.65	0.05	9.4	0.238	1.25
N814814		670	30.9	71.5	<0.002	0.58	8.94	11.8	2	5.5	165.5	0.70	0.25	11.2	0.286	1.42
N814815		500	29.0	109.0	<0.002	1.49	17.90	10.6	2	6.0	150.5	0.88	0.32	12.4	0.230	1.62
N814816		550	18.9	90.8	<0.002	0.48	5.54	9.9	2	3.5	239	0.70	0.16	11.8	0.230	1.19
N814817		590	16.3	61.1	<0.002	0.64	12.50	10.7	2	5.6	89.1	0.73	0.15	12.4	0.245	1.25
N814818		550	27.0	57.8	<0.002	1.62	20.4	10.6	2	6.8	54.6	0.72	0.25	11.6	0.239	1.25
N814819		380	39.4	105.0	<0.002	1.78	46.3	8.9	2	6.8	60.8	0.52	0.45	11.8	0.179	1.52
N814820		430	2780	153.5	<0.002	4.65	88.4	8.8	2	7.9	82.8	0.49	0.36	11.1	0.177	2.37
N814821		590	27.1	92.1	<0.002	0.68	5.52	10.4	1	4.6	232	0.79	0.15	13.3	0.252	1.51
N814822		610	35.4	95.6	<0.002	1.31	3.09	11.0	2	6.2	330	0.76	1.52	15.0	0.248	1.39
N814823		590	88.7	133.5	<0.002	2.63	4.06	10.9	2	8.0	207	0.56	0.51	14.1	0.222	1.64
N814824		530	184.5	108.5	<0.002	3.82	16.85	9.4	2	8.5	157.5	0.51	0.39	13.2	0.182	1.41
N814825		650	50.6	119.5	<0.002	1.06	7.88	11.9	2	5.7	247	0.67	0.25	14.3	0.255	1.62



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Account: ROCKHA

Project: Klaza - 114

**CERTIFICATE OF ANALYSIS WH12199401**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001
N814790		2.8	71	2.7	13.5	50	36.6	<1	
N814791		3.3	76	1.6	16.6	37	31.7	<1	
N814792		4.1	72	2.0	15.2	49	32.9	<1	
N814793		6.6	63	5.7	14.8	296	24.8	3	
N814794		4.7	61	4.8	13.4	322	23.7	137	
N814795		0.4	4	0.1	1.0	13	1.1	<1	
N814796		4.2	69	4.2	15.8	75	33.3	<1	
N814797		4.6	67	6.8	15.9	179	32.9	1	
N814798		4.7	69	1.8	15.5	96	38.4	<1	
N814799		4.3	72	1.9	15.3	93	38.6	<1	
N814800		4.7	75	4.1	14.3	363	32.7	2	
N814801		4.1	71	2.6	15.5	94	30.7	2	
N814802		7.9	73	6.3	15.0	161	32.0	2	
N814803		5.6	55	6.2	10.8	535	19.9	233	1.245
N814804		0.6	3	0.1	0.8	13	<0.5	1	
N814805		4.2	73	2.7	15.7	109	31.9	1	
N814806		3.6	79	1.5	17.7	53	29.8	1	
N814807		5.3	56	5.1	10.0	5260	28.6	26	
N814808		4.3	74	3.0	15.4	182	27.1	2	
N814809		3.4	79	1.1	16.4	50	31.2	1	
N814810		4.0	79	1.2	15.9	52	30.4	1	
N814811		3.7	79	1.3	15.9	52	31.8	1	
N814812		4.5	72	3.6	12.3	69	28.4	<1	
N814813		3.7	66	8.0	11.8	43	32.2	1	
N814814		5.3	79	2.6	14.7	62	30.3	1	
N814815		5.3	68	4.4	15.5	65	35.0	1	
N814816		4.0	64	4.1	13.8	33	31.9	1	
N814817		3.7	69	2.6	12.7	48	32.8	1	
N814818		4.9	64	3.1	11.2	63	32.3	1	
N814819		6.1	56	3.9	14.1	81	28.3	1	
N814820		5.3	57	5.1	9.6	5210	28.4	27	
N814821		4.6	68	1.2	14.7	56	33.8	1	
N814822		5.0	66	1.5	15.8	61	34.0	2	
N814823		5.1	63	2.8	15.0	136	28.5	1	
N814824		5.2	63	2.6	13.8	539	25.1	2	
N814825		4.2	69	2.0	15.3	101	32.9	1	



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**CERTIFICATE OF ANALYSIS WH12199401**

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





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**CERTIFICATE WH12199402**

Project: Klaza - 114

P.O. No.: Batch 4

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12199402**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814825		Not Recvd														
N814826		3.05	0.238	1.11	5.90	67.8	370	1.19	2.74	1.73	5.78	37.0	30.2	25	10.90	58.9
N814827		6.87	0.051	0.33	7.48	7.7	820	1.63	0.86	2.27	0.81	53.5	7.1	21	10.20	32.9
N814828		0.22	0.772	9.44	6.44	1460	430	1.50	6.57	1.87	38.5	42.0	15.8	20	15.75	108.5
N814829		4.76	0.035	0.22	7.48	9.1	2270	1.63	0.53	2.31	0.33	48.6	7.1	22	14.80	28.1
N814830		3.31	0.065	0.62	7.24	31.5	690	1.41	1.26	3.07	0.49	52.0	11.6	19	20.9	44.3
N814831		5.43	0.116	1.98	7.21	27.6	410	1.65	0.89	2.45	2.98	44.1	8.7	21	16.50	49.6
N814832		3.27	0.061	0.48	7.40	28.6	1810	1.73	0.29	2.54	2.27	45.3	6.9	25	14.25	41.5
N814833		6.13	0.005	0.22	7.40	7.7	2440	1.71	0.32	3.06	0.61	44.6	7.6	19	12.30	11.9
N814834		3.79	0.177	3.30	7.42	290	360	1.58	4.71	2.08	1.83	50.2	7.8	28	18.55	47.0
N814835		5.18	0.168	0.64	7.18	141.0	1900	1.62	0.56	2.71	0.98	43.3	8.0	22	17.35	38.9
N814836		2.93	0.014	0.56	7.54	14.0	2270	1.67	0.76	2.69	1.98	48.8	7.0	23	10.80	38.9
N814837		1.63	0.005	0.38	7.35	12.6	2260	1.67	0.43	2.50	2.25	43.5	7.2	23	12.30	16.4
N814838		4.16	0.054	0.41	7.65	66.2	1580	1.68	0.53	2.44	2.19	53.9	7.6	17	20.6	16.1
N814839		2.95	<0.005	<0.01	0.13	<5	30	0.06	0.02	20.9	0.07	1.32	1.6	<1	0.23	2.4
N814840		2.93	0.009	0.24	8.43	9.8	1590	1.56	0.69	1.73	0.46	57.6	9.9	26	15.65	24.5
N814841		4.19	0.008	0.18	8.55	15.8	1490	1.54	0.53	1.55	0.43	60.7	13.3	17	16.60	30.8
N814842		3.51	<0.005	0.16	8.25	10.1	1650	1.33	0.41	0.89	0.34	59.3	9.1	22	12.05	12.6
N814843		<0.02	0.005	0.16	7.99	9.6	1560	1.18	0.38	0.88	0.31	60.7	8.9	21	12.25	12.7
N814844		7.76	0.319	0.62	8.47	26.7	1930	1.42	1.22	1.07	0.42	56.8	8.7	20	11.50	64.2
N814845		3.07	0.005	0.14	8.32	9.2	2160	1.68	0.33	1.67	0.29	48.3	5.9	14	12.65	17.3
N814846		2.92	0.376	0.65	8.07	30.2	190	1.66	1.71	1.45	0.63	44.8	9.9	15	11.95	39.4
N814847		4.53	0.108	0.47	8.76	26.9	1730	1.35	0.77	1.85	0.54	51.5	13.9	19	15.20	18.0
N814848		2.79	<0.005	0.01	0.13	<5	40	0.05	0.03	21.2	0.05	1.66	1.4	<1	0.54	1.9
N814849		3.13	0.673	22.5	6.71	439	410	1.21	35.8	1.28	10.75	50.8	12.4	22	11.20	314
N814850		6.69	0.102	1.88	7.38	60.1	860	1.57	3.40	1.95	3.05	47.8	13.9	17	18.90	92.3
N814851		5.24	1.315	8.40	6.99	155.5	450	1.48	17.45	1.69	1.86	48.0	9.1	18	17.95	458
N814852		5.25	0.008	0.21	7.76	16.9	1690	1.52	0.32	1.98	0.19	46.5	7.0	23	22.3	13.5
N814853		3.62	0.006	0.17	8.12	9.7	1950	1.72	0.39	2.24	0.23	52.9	9.3	21	21.8	20.1
N814854		3.02	0.017	0.33	7.26	32.7	1320	1.54	0.44	2.91	0.36	46.8	9.8	19	22.4	14.9
N814855		2.30	0.071	0.89	7.33	99.7	980	1.61	1.11	3.65	3.41	48.1	8.9	16	22.6	32.6
N814856		3.27	0.008	0.41	7.84	36.0	1260	1.69	0.42	2.47	1.03	49.6	7.8	15	27.1	17.5
N814857		0.21	0.811	10.90	6.90	1530	530	1.54	7.13	1.97	44.0	42.8	17.4	21	17.30	111.5
N814858		3.36	0.018	0.47	7.97	13.5	3420	1.65	0.67	2.50	0.52	50.6	12.4	23	14.90	68.8
N814859		6.47	0.019	0.78	7.63	16.5	2840	1.47	2.36	2.45	0.81	50.1	11.0	26	15.15	60.2



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**CERTIFICATE OF ANALYSIS WH12199402**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814825																
N814826		6.78	12.75	0.19	0.7	0.118	2.48	21.1	14.3	0.61	441	2.16	0.86	5.1	4.0	470
N814827		3.35	15.10	0.18	1.1	0.042	2.43	30.3	18.1	0.83	389	1.80	2.05	7.8	3.1	600
N814828		5.19	14.35	0.20	1.3	0.879	2.76	23.2	29.1	0.69	1940	14.10	0.26	7.4	16.6	490
N814829		3.13	16.00	0.18	1.2	0.051	2.51	27.1	24.7	0.74	382	2.80	1.62	8.0	3.3	620
N814830		3.86	15.35	0.19	1.1	0.087	2.61	29.0	22.0	0.93	536	5.47	0.38	7.5	3.6	590
N814831		3.72	15.90	0.18	1.2	0.331	2.70	23.2	17.3	0.76	426	6.32	1.30	7.8	3.4	620
N814832		2.96	16.25	0.18	1.3	0.070	2.66	24.0	22.3	0.82	468	9.08	1.62	8.6	3.1	630
N814833		3.37	16.00	0.20	1.2	0.047	2.72	23.0	18.3	0.91	760	1.42	1.97	8.5	3.2	690
N814834		5.76	14.65	0.22	1.1	0.203	3.28	28.7	42.9	0.90	1510	2.52	0.16	7.6	3.2	540
N814835		3.44	15.45	0.18	1.1	0.065	2.99	22.4	14.2	0.83	1940	2.36	1.23	7.7	3.2	620
N814836		3.49	15.90	0.20	1.2	0.072	2.87	26.5	20.0	0.81	779	4.87	1.85	8.1	3.2	640
N814837		3.37	15.75	0.18	1.1	0.073	2.93	23.3	20.0	0.79	765	3.38	1.79	8.1	2.8	630
N814838		3.69	15.55	0.21	1.0	0.074	2.86	31.2	29.9	0.81	1140	16.60	0.87	7.9	3.1	610
N814839		0.51	0.52	0.12	<0.1	<0.005	0.05	0.6	1.4	13.25	220	0.13	0.01	0.3	1.9	230
N814840		3.60	16.60	0.18	1.2	0.043	2.63	31.8	38.6	0.69	469	2.27	0.18	8.6	4.9	670
N814841		3.62	18.55	0.20	1.2	0.054	2.49	34.0	41.1	0.60	455	5.17	0.13	9.7	5.3	800
N814842		3.06	16.50	0.16	1.3	0.037	2.55	33.1	41.7	0.37	491	4.17	0.10	8.6	3.7	670
N814843		2.89	15.85	0.19	1.3	0.036	2.45	34.3	41.2	0.36	473	4.14	0.09	8.4	4.0	640
N814844		3.46	16.40	0.18	1.2	0.060	2.78	31.6	35.6	0.43	526	3.72	0.10	8.3	3.3	650
N814845		2.99	16.40	0.18	1.2	0.044	2.90	27.1	33.6	0.51	370	2.76	0.50	7.9	2.7	610
N814846		4.62	16.05	0.19	1.1	0.071	3.13	23.4	29.4	0.62	382	4.68	0.10	7.0	2.6	600
N814847		3.73	17.40	0.20	1.1	0.051	2.82	28.5	34.0	0.50	433	9.37	0.09	8.6	3.1	690
N814848		0.51	0.52	0.12	<0.1	<0.005	0.05	0.8	1.4	13.15	214	0.17	0.01	0.3	1.0	200
N814849		7.29	14.85	0.19	0.8	0.344	2.57	28.4	28.5	0.61	714	2.41	0.05	5.9	3.9	550
N814850		3.56	15.55	0.15	0.9	0.099	2.69	27.1	38.5	0.76	684	2.01	0.04	6.7	3.3	630
N814851		4.53	14.55	0.17	0.8	0.307	2.37	27.6	47.2	0.69	815	2.84	0.04	6.2	3.2	570
N814852		2.92	15.65	0.14	1.0	0.040	2.36	25.6	48.1	0.70	592	5.93	0.06	8.1	2.7	620
N814853		3.45	16.30	0.16	1.1	0.048	2.56	28.8	34.8	0.76	495	6.64	0.41	8.1	2.9	730
N814854		3.14	15.45	0.16	1.0	0.048	2.56	25.0	49.9	0.91	740	12.50	0.07	8.5	3.2	650
N814855		4.04	14.95	0.19	1.0	0.124	3.03	28.2	11.7	1.41	1440	6.54	0.05	7.2	3.2	570
N814856		3.14	16.25	0.16	1.2	0.055	2.81	26.9	46.3	0.82	687	6.31	0.06	8.5	3.4	650
N814857		5.55	17.50	0.16	1.3	0.963	2.97	22.1	25.0	0.72	2090	13.85	0.27	7.8	16.8	530
N814858		3.32	19.85	0.14	1.1	0.079	2.98	27.2	13.3	0.80	487	3.93	1.93	8.7	4.0	670
N814859		3.19	18.70	0.15	1.0	0.129	2.89	27.2	15.2	0.82	571	6.77	2.02	8.2	3.6	620



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**CERTIFICATE OF ANALYSIS WH12199402**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814825																
N814826		200	148.0	<0.002	6.22	4.70	8.6	3	5.6	110.5	0.44	1.11	11.2	0.170	2.03	4.6
N814827		45.5	107.5	<0.002	1.59	2.01	11.3	2	3.7	321	0.72	0.29	14.5	0.238	1.25	4.7
N814828		1300	159.5	<0.002	3.03	31.9	9.2	2	5.7	143.0	0.65	0.37	12.4	0.205	2.55	5.3
N814829		29.0	95.1	<0.002	0.93	4.53	11.7	2	2.9	293	0.73	0.16	14.6	0.258	1.24	4.7
N814830		46.7	122.0	<0.002	2.57	10.95	11.5	3	4.7	102.5	0.67	0.31	15.2	0.239	1.73	5.9
N814831		980	117.5	<0.002	2.24	6.57	11.2	2	4.1	292	0.71	0.23	12.3	0.245	1.70	4.4
N814832		52.6	95.8	<0.002	0.36	10.00	11.5	1	3.4	292	0.85	0.07	13.3	0.264	1.41	4.3
N814833		50.0	83.6	<0.002	0.28	2.51	11.8	2	2.1	389	0.74	0.06	12.3	0.270	1.24	3.8
N814834		146.0	191.5	<0.002	3.31	7.76	10.4	2	5.4	82.7	0.68	0.12	15.6	0.229	2.86	5.6
N814835		65.4	115.0	<0.002	0.86	5.42	11.2	1	2.7	234	0.66	<0.05	12.2	0.259	2.29	4.1
N814836		147.5	113.5	<0.002	0.52	4.32	12.0	2	2.3	316	0.69	<0.05	13.8	0.260	1.50	3.8
N814837		178.0	103.5	<0.002	0.56	2.98	11.4	2	2.3	308	0.70	<0.05	12.3	0.261	1.62	3.5
N814838		65.6	133.5	<0.002	1.48	7.44	11.5	2	3.0	173.0	0.67	0.08	15.3	0.253	2.03	7.3
N814839		2.2	1.9	<0.002	<0.01	<0.05	0.4	1	0.2	42.9	<0.05	<0.05	<0.2	0.005	<0.02	0.5
N814840		36.3	115.5	<0.002	1.65	10.50	13.4	4	3.6	85.6	0.78	0.11	16.5	0.283	1.53	6.2
N814841		38.5	115.5	<0.002	0.98	11.35	15.3	2	3.9	80.9	0.80	0.09	15.3	0.322	1.30	9.8
N814842		28.5	110.5	<0.002	0.99	12.65	13.2	2	2.4	62.8	0.78	0.07	17.4	0.278	1.23	7.4
N814843		29.0	107.0	<0.002	0.93	13.00	12.4	2	2.4	60.7	0.77	0.07	16.2	0.266	1.15	7.2
N814844		36.8	127.0	<0.002	1.44	11.10	12.6	2	3.5	66.1	0.76	0.12	16.9	0.266	1.35	7.1
N814845		23.5	112.5	<0.002	0.42	5.42	11.4	2	2.9	128.5	0.78	0.06	15.6	0.252	1.34	4.1
N814846		53.3	156.0	<0.002	3.30	6.13	11.6	2	7.5	95.0	0.69	0.26	15.5	0.227	1.82	5.2
N814847		50.2	115.5	<0.002	1.75	9.75	13.8	2	3.5	87.1	0.73	0.12	15.0	0.284	1.49	6.6
N814848		1.6	3.2	<0.002	0.02	0.07	0.4	2	<0.2	40.1	<0.05	<0.05	0.4	<0.005	0.03	2.0
N814849		944	164.0	<0.002	6.47	88.1	10.6	2	5.2	56.9	0.50	0.55	12.3	0.198	2.05	4.6
N814850		95.0	139.5	<0.002	2.17	37.8	11.5	2	3.5	67.1	0.58	0.35	13.8	0.221	2.44	5.7
N814851		89.5	134.5	<0.002	2.48	131.0	11.4	2	5.0	65.8	0.53	0.35	12.7	0.224	2.25	5.2
N814852		16.6	88.4	<0.002	0.48	11.70	11.2	1	2.0	68.2	0.71	0.05	13.4	0.268	1.54	3.7
N814853		18.5	101.5	<0.002	0.63	8.89	13.5	2	2.1	160.0	0.66	0.07	12.6	0.300	1.45	3.8
N814854		30.5	85.3	<0.002	0.94	9.45	12.7	2	2.6	96.4	0.72	0.09	12.2	0.287	2.00	6.2
N814855		123.0	151.5	<0.002	1.71	13.55	11.8	2	4.5	70.4	0.62	0.11	13.7	0.245	2.69	8.9
N814856		51.2	105.5	<0.002	0.94	10.65	11.8	2	3.0	78.8	0.76	0.07	13.2	0.272	2.39	4.2
N814857		1435	172.0	<0.002	3.23	35.5	9.6	2	6.2	155.0	0.64	0.28	12.2	0.220	2.55	5.3
N814858		36.0	123.0	<0.002	0.72	5.09	12.9	2	3.6	375	0.69	0.13	13.2	0.275	1.50	4.5
N814859		61.9	126.5	<0.002	0.87	2.12	11.6	1	3.3	366	0.66	0.20	13.2	0.262	1.49	4.3



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Project: Klaza - 114

**CERTIFICATE OF ANALYSIS WH12199402**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814825							
N814826		58	3.5	14.0	404	23.3	2
N814827		71	1.3	16.9	74	32.4	1
N814828		57	5.1	11.4	2970	41.3	11
N814829		73	1.0	15.8	53	36.8	1
N814830		67	2.7	15.9	62	33.0	1
N814831		71	1.8	15.1	228	36.3	2
N814832		73	1.2	15.9	146	40.2	1
N814833		77	1.0	17.9	72	35.3	<1
N814834		64	5.0	13.2	211	33.6	3
N814835		73	5.6	14.7	115	33.6	2
N814836		73	2.0	17.0	214	35.7	1
N814837		73	1.9	15.1	226	32.6	1
N814838		70	4.4	15.9	209	32.7	1
N814839		3	0.1	0.9	15	0.5	<1
N814840		78	3.3	17.5	64	35.6	1
N814841		89	3.5	19.6	90	40.3	<1
N814842		76	3.0	17.0	76	37.8	<1
N814843		72	2.9	16.8	74	37.5	<1
N814844		71	4.2	16.6	69	36.5	<1
N814845		69	5.3	14.3	54	37.4	<1
N814846		69	5.6	17.3	71	33.3	<1
N814847		81	5.5	17.4	69	35.5	<1
N814848		2	0.1	1.2	13	0.5	<1
N814849		62	3.2	15.5	900	26.3	22
N814850		65	4.2	15.0	275	28.4	2
N814851		65	4.0	13.3	222	25.0	8
N814852		73	4.3	13.4	43	31.4	<1
N814853		88	2.4	16.8	48	35.3	1
N814854		81	3.4	14.8	76	31.7	<1
N814855		72	4.4	14.5	329	29.3	1
N814856		74	2.3	15.9	112	35.3	1
N814857		60	5.5	11.8	3190	38.7	9
N814858		78	3.9	17.1	69	32.3	<1
N814859		73	1.5	15.3	103	30.4	1



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**CERTIFICATE OF ANALYSIS WH12199402**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12200378**

Project: Klaza - 112

P.O. No.: Batch 6

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12200378**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354115		4.09	<0.005	0.15	7.28	6.5	2120	1.60	0.41	2.73	0.12	43.6	9.3	9	17.80	3.7
M354116	Not Recvd															
M354117		4.20	<0.005	0.14	7.17	6.5	2100	1.65	0.77	2.31	0.07	45.3	7.7	8	11.45	4.0
M354118		0.21	2.37	23.4	5.36	3200	1360	1.24	17.70	2.04	77.4	45.8	10.0	16	15.20	416
M354119		6.41	<0.005	0.27	7.43	11.1	2230	1.52	0.23	2.64	0.21	46.5	9.2	10	8.74	3.4
M354120		5.90	<0.005	0.15	7.08	13.1	2170	1.39	0.21	2.93	0.12	48.0	7.8	11	9.29	2.6
M354121		2.56	<0.005	0.20	7.47	56.0	1050	1.40	0.64	2.90	0.13	37.2	8.2	8	10.45	2.4
M354122		2.63	0.011	1.84	6.55	18.3	860	1.18	3.87	6.95	3.78	141.5	9.0	5	13.30	4.3
M354123		2.41	<0.005	0.01	0.11	<5	20	0.08	0.05	21.0	0.08	1.58	1.5	<1	0.37	2.4
M354124		4.21	<0.005	0.16	6.94	13.1	430	1.20	0.44	2.99	0.26	37.5	5.0	8	9.04	6.3
M354125		3.79	<0.005	0.16	7.52	11.7	780	1.17	0.32	2.18	0.10	48.8	6.2	8	8.34	2.5
M354126		3.85	<0.005	0.16	8.26	8.8	1770	1.31	0.23	2.02	0.08	48.7	7.6	9	8.35	2.7
M354127		2.97	<0.005	0.17	6.61	13.7	440	1.17	0.52	3.97	0.17	37.9	6.8	8	13.05	3.2
M354128		4.77	<0.005	0.17	7.83	11.2	490	1.59	0.32	2.65	0.19	43.9	6.0	9	13.95	2.1
M354129		0.24	4.42	>100	5.41	8290	1080	1.27	62.1	1.97	230	38.8	9.4	17	12.05	1315
M354130		3.10	<0.005	0.14	6.73	11.9	1340	1.10	0.15	3.22	0.26	35.6	3.5	9	13.45	2.5
M354131		3.61	<0.005	0.13	6.31	16.4	610	1.17	0.29	2.59	0.13	35.2	6.4	9	11.90	1.9
M354132		2.89	<0.005	0.15	6.51	13.8	840	1.20	0.32	2.39	0.18	30.8	5.6	8	8.36	4.5
M354133		2.72	<0.005	0.16	6.32	9.6	1680	1.27	0.21	2.73	0.16	28.6	4.5	7	9.68	10.9
M354134		2.58	0.006	0.37	6.70	29.7	2080	1.41	0.45	2.49	0.31	37.0	8.3	8	9.34	11.7
M354135		2.48	<0.005	0.18	7.46	14.9	1010	1.48	0.42	1.47	0.14	45.0	5.3	8	14.35	3.6
M354136		4.25	<0.005	0.32	5.08	16.0	610	1.28	0.70	5.18	0.27	42.4	5.2	4	11.15	5.4
M354137		3.52	<0.005	0.52	3.71	17	580	1.01	0.79	11.80	0.35	41.3	6.6	3	16.15	9.3
M354138		3.76	0.006	0.82	4.38	19.1	710	1.33	0.97	7.41	1.04	54.5	15.5	3	30.3	3.0
M354139		2.64	0.008	0.78	2.78	31	500	0.81	0.44	13.90	4.08	28.3	6.3	<1	16.85	8.5
M354140		2.19	<0.005	0.01	0.13	<5	30	0.08	0.03	20.9	0.07	2.06	1.7	<1	0.54	4.0
M354141		4.36	<0.005	0.35	3.22	6	600	0.97	0.44	13.25	0.56	32.4	5.7	1	12.60	2.7
M354142		3.76	<0.005	0.37	4.72	13	1040	0.89	0.42	12.10	0.17	41.5	5.5	1	13.10	2.7
M354143		2.76	0.005	0.35	6.54	15.3	1800	1.44	0.92	4.44	0.14	61.9	22.8	5	10.65	3.5
M354144		3.09	<0.005	0.10	7.19	9.7	1140	1.44	0.22	2.43	0.07	38.7	3.9	8	9.25	4.4
M354145		2.37	<0.005	0.07	7.12	7.0	1740	0.91	0.09	1.90	0.10	30.5	4.2	8	8.78	3.5
M354146		5.74	<0.005	0.14	7.56	4.6	1890	1.21	0.08	2.73	1.29	38.4	6.4	9	8.97	22.1
M354147		<0.02	<0.005	0.17	7.56	5.1	1890	1.28	0.09	2.70	1.31	38.5	6.8	8	8.72	26.6
M354148		3.49	<0.005	0.09	7.48	6.1	1750	1.06	0.29	3.62	0.10	37.0	5.8	9	7.93	1.4
M354149		3.04	<0.005	0.08	7.28	6.2	1740	1.32	0.08	2.63	0.11	38.7	6.5	7	10.55	2.8
M354150		1.77	<0.005	0.10	7.35	5.9	1720	1.15	0.08	2.54	0.09	41.6	6.6	8	10.65	3.8
M354151		3.26	<0.005	0.06	7.28	2.9	1980	1.24	0.06	2.43	0.08	37.4	7.6	8	9.36	3.0





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Project: Klaza - 112

**CERTIFICATE OF ANALYSIS WH12200378**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354115		3.10	16.50	0.14	1.5	0.053	2.44	20.0	19.7	0.75	516	1.16	1.92	8.1	2.8	640
M354116																
M354117		3.07	15.75	0.14	1.4	0.045	2.40	20.7	14.5	0.79	534	1.75	2.15	8.1	2.7	690
M354118		6.18	12.75	0.20	0.9	1.680	2.39	23.0	24.0	0.84	1780	12.65	0.04	5.3	14.1	420
M354119		3.12	15.65	0.15	1.5	0.047	2.57	21.6	15.7	0.88	556	0.49	2.26	7.5	2.6	630
M354120		3.04	15.80	0.15	1.4	0.051	2.43	21.3	13.8	0.85	639	0.48	2.42	7.8	2.6	620
M354121		4.14	16.40	0.16	1.2	0.081	1.39	16.7	25.3	0.78	557	0.42	1.41	8.3	2.7	680
M354122		4.28	16.90	0.24	1.1	0.533	2.09	85.7	26.7	1.32	4380	1.17	0.42	6.4	2.6	530
M354123		0.49	0.32	0.06	<0.1	0.005	0.05	0.7	1.7	13.05	215	0.09	0.01	0.4	2.9	190
M354124		3.33	16.40	0.14	1.4	0.094	1.31	17.3	36.5	0.62	867	0.22	0.11	8.1	2.2	630
M354125		3.02	16.40	0.14	1.5	0.075	1.16	22.0	38.1	0.79	544	0.41	0.05	9.1	3.0	680
M354126		3.07	17.90	0.16	1.8	0.066	1.93	21.6	37.1	0.77	518	0.48	0.10	9.8	3.2	720
M354127		2.41	17.05	0.12	1.2	0.124	1.01	17.6	35.6	0.49	489	0.28	0.14	8.3	2.0	660
M354128		4.42	17.10	0.16	1.3	0.078	1.08	19.7	30.3	0.73	462	0.32	0.74	8.5	3.0	690
M354129		8.21	12.50	0.24	1.1	4.79	2.31	18.7	34.5	0.63	3130	15.05	0.09	5.3	13.9	460
M354130		2.56	16.20	0.12	1.4	0.052	1.95	15.4	30.2	0.54	464	0.51	0.11	7.4	1.6	630
M354131		2.16	16.40	0.12	1.4	0.068	1.12	16.3	28.8	0.30	497	0.45	0.05	8.1	1.7	620
M354132		2.31	16.35	0.12	1.3	0.075	1.20	13.8	33.2	0.26	531	0.91	0.11	8.0	1.6	610
M354133		2.73	15.60	0.13	1.4	0.057	2.14	11.2	24.0	0.34	421	0.76	0.54	8.0	1.8	580
M354134		2.67	14.80	0.13	1.5	0.105	2.19	16.7	22.0	0.63	1080	1.14	0.42	7.9	2.2	520
M354135		3.14	15.70	0.14	1.4	0.091	1.59	21.4	38.8	0.53	727	0.50	0.08	7.7	2.1	610
M354136		2.27	11.35	0.14	0.8	0.187	1.27	22.8	96.4	0.92	939	0.37	0.11	5.0	2.1	390
M354137		2.25	8.64	0.12	0.6	0.150	1.15	23.2	55.9	1.02	2120	0.31	0.08	3.5	1.7	280
M354138		2.47	10.10	0.14	0.8	0.135	1.57	28.8	36.7	1.33	1260	0.55	0.07	4.4	2.5	320
M354139		2.14	6.19	0.09	0.4	0.330	0.93	15.2	51.4	0.80	2810	0.37	0.05	2.6	1.1	200
M354140		0.51	0.37	0.07	<0.1	0.006	0.06	0.9	1.8	12.90	237	0.17	0.01	0.4	3.4	220
M354141		2.05	7.78	0.12	0.5	0.145	1.05	19.6	59.3	0.95	1980	0.35	0.06	3.3	2.1	230
M354142		1.86	11.70	0.11	0.7	0.116	1.25	25.0	66.8	0.62	1350	0.28	0.09	5.4	2.0	340
M354143		2.83	15.05	0.18	0.9	0.137	2.09	37.0	95.8	1.31	881	0.18	0.14	7.5	2.5	470
M354144		3.28	19.60	0.14	1.2	0.107	1.74	19.0	26.2	0.63	464	0.29	1.20	9.7	2.6	590
M354145		2.54	17.75	0.13	1.2	0.049	2.34	15.0	19.8	0.42	334	0.34	0.40	9.2	1.8	610
M354146		3.24	16.65	0.13	1.1	0.052	2.44	20.1	9.8	0.76	654	0.31	1.96	8.5	2.6	580
M354147		3.22	17.00	0.15	1.2	0.050	2.40	20.1	9.8	0.76	653	0.31	1.92	8.6	2.8	580
M354148		2.87	17.20	0.15	1.4	0.045	2.25	18.9	34.4	0.73	566	0.24	0.15	9.1	3.0	630
M354149		3.57	16.90	0.15	1.1	0.041	2.32	19.9	14.3	0.76	541	0.30	1.83	8.7	2.8	580
M354150		3.53	16.70	0.16	1.1	0.038	2.34	22.1	15.9	0.73	514	0.32	1.54	8.6	2.8	560
M354151		3.16	16.65	0.14	1.1	0.033	2.41	19.1	13.0	0.78	485	0.36	2.13	8.6	2.6	570



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**CERTIFICATE OF ANALYSIS WH12200378**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M354115		14.8	90.3	<0.002	0.03	4.04	10.6	1	1.9	457	0.64	0.35	10.2	0.280	0.94	3.3
M354116																
M354117		14.5	90.6	<0.002	0.02	3.55	11.1	1	1.7	472	0.65	0.72	11.9	0.286	0.99	3.6
M354118		2700	159.0	<0.002	4.50	89.7	7.4	2	7.2	84.7	0.40	0.47	9.5	0.168	2.01	4.5
M354119		20.0	91.2	<0.002	0.04	2.02	10.7	2	1.5	468	0.61	0.11	11.7	0.276	0.98	3.3
M354120		15.7	83.5	<0.002	0.02	1.81	10.6	2	1.6	487	0.61	0.11	10.6	0.270	0.94	3.1
M354121		10.9	56.4	<0.002	0.13	4.73	11.5	2	2.7	340	0.63	0.32	11.9	0.294	0.75	3.8
M354122		121.5	147.5	<0.002	0.65	10.40	9.7	2	5.8	271	0.53	1.26	12.1	0.228	1.80	7.2
M354123		1.7	2.5	<0.002	<0.01	0.06	0.4	1	<0.2	42.5	<0.05	<0.05	0.2	0.005	0.02	0.6
M354124		11.4	61.8	<0.002	0.22	13.30	10.2	1	2.8	121.5	0.65	0.07	11.3	0.276	1.05	3.1
M354125		12.1	36.3	<0.002	0.18	10.50	11.5	2	2.3	135.5	0.77	0.07	12.0	0.291	0.73	3.2
M354126		15.5	57.7	<0.002	0.11	9.04	12.0	1	2.2	180.0	0.90	0.06	13.1	0.318	0.88	3.9
M354127		15.0	44.2	<0.002	0.16	27.4	10.2	2	2.7	180.5	0.62	0.07	10.7	0.290	0.83	2.8
M354128		15.0	42.5	<0.002	0.10	7.97	12.1	2	2.4	247	0.66	0.05	11.8	0.308	0.80	3.5
M354129		10000	140.5	0.002	7.23	228	7.5	4	8.1	121.5	0.39	0.52	9.0	0.188	2.13	5.1
M354130		19.7	54.1	<0.002	0.03	18.65	10.4	1	1.6	149.5	0.58	<0.05	9.7	0.282	0.87	2.3
M354131		12.8	47.9	<0.002	0.15	18.95	9.9	1	2.0	96.8	0.66	<0.05	10.7	0.282	0.76	2.7
M354132		14.4	45.2	<0.002	0.17	19.40	9.8	1	2.0	98.0	0.66	<0.05	9.3	0.271	0.74	2.5
M354133		17.5	62.8	<0.002	0.06	12.15	9.0	1	2.0	197.5	0.68	<0.05	8.7	0.257	1.00	2.9
M354134		24.7	92.1	<0.002	0.56	9.37	9.5	1	2.4	122.0	0.83	0.11	13.8	0.232	1.45	4.2
M354135		10.9	65.8	<0.002	0.19	15.55	11.7	1	2.2	82.2	0.71	0.06	13.3	0.263	0.88	3.0
M354136		12.4	78.7	<0.002	0.27	32.5	7.9	2	2.6	196.5	0.37	0.12	9.0	0.169	1.27	3.0
M354137		34.8	73.2	<0.002	0.38	27.3	6.0	1	2.7	338	0.27	0.14	6.6	0.120	1.02	2.7
M354138		71.6	105.0	<0.002	0.52	25.4	7.0	2	1.8	228	0.34	0.31	8.1	0.142	1.31	5.8
M354139		105.5	61.1	<0.002	0.41	37.9	4.2	1	1.9	408	0.20	0.10	4.7	0.083	0.74	2.5
M354140		1.6	3.1	<0.002	<0.01	0.13	0.5	1	<0.2	44.8	<0.05	<0.05	<0.2	0.006	0.02	0.5
M354141		25.3	69.3	<0.002	0.22	30.8	5.8	1	1.7	395	0.28	0.07	5.8	0.096	1.05	2.1
M354142		20.2	74.1	<0.002	0.26	17.05	8.1	1	2.3	357	0.38	0.06	9.7	0.153	1.26	2.7
M354143		8.1	115.0	<0.002	0.63	9.71	10.5	1	3.1	159.5	0.52	0.27	13.2	0.207	1.56	3.0
M354144		8.3	65.3	<0.002	0.06	5.00	12.0	1	3.0	179.5	0.71	<0.05	11.9	0.282	1.12	2.7
M354145		13.5	66.6	<0.002	0.03	10.10	10.6	1	1.9	143.5	0.65	<0.05	10.1	0.279	0.92	2.2
M354146		72.5	78.9	<0.002	0.04	2.08	11.1	1	1.6	361	0.62	<0.05	12.3	0.266	0.97	3.7
M354147		70.9	80.3	<0.002	0.05	2.10	11.4	1	1.6	357	0.58	<0.05	12.3	0.267	0.93	3.7
M354148		15.3	55.5	<0.002	0.01	6.94	11.2	1	1.8	203	0.65	0.10	11.4	0.293	0.94	2.9
M354149		19.7	73.9	<0.002	0.01	2.48	11.5	1	1.6	358	0.58	<0.05	12.0	0.269	0.96	3.8
M354150		19.2	75.6	<0.002	0.01	2.74	11.3	1	1.8	322	0.61	<0.05	12.6	0.273	0.93	3.6
M354151		15.7	77.0	<0.002	0.01	1.84	10.9	1	1.6	376	0.61	<0.05	11.9	0.255	0.90	3.6



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**CERTIFICATE OF ANALYSIS WH12200378**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M354115		79	1.7	13.6	46	30.7	<1		
M354116									
M354117		84	1.1	13.2	44	29.2	<1		
M354118		53	4.7	8.9	5130	22.8	24		
M354119		78	1.6	14.1	55	29.0	<1		
M354120		77	0.8	14.8	47	29.7	<1		
M354121		83	2.2	13.6	55	27.6	<1		
M354122		96	2.3	24.2	219	22.7	2		
M354123		3	0.1	0.8	16	0.5	<1		
M354124		76	3.1	13.1	66	29.9	<1		
M354125		80	5.8	13.9	47	32.2	<1		
M354126		85	6.0	14.8	46	36.3	<1		
M354127		78	4.0	13.7	47	27.5	<1		
M354128		83	3.1	13.2	56	28.3	<1		
M354129		54	4.4	8.9	>10000	30.5	112	0.948	1.595
M354130		82	5.2	12.2	55	29.8	<1		
M354131		76	3.4	10.8	45	30.5	<1		
M354132		75	2.4	11.0	59	29.7	<1		
M354133		72	2.1	10.6	47	30.2	<1		
M354134		66	2.5	11.8	52	31.1	<1		
M354135		77	3.5	14.0	56	28.3	<1		
M354136		54	2.1	13.7	54	17.9	<1		
M354137		46	1.7	21.2	49	14.3	<1		
M354138		51	1.9	16.6	115	18.2	<1		
M354139		31	1.3	21.0	363	10.8	<1		
M354140		4	0.1	1.0	15	0.5	<1		
M354141		37	1.7	22.4	66	11.4	1		
M354142		47	1.9	24.7	42	18.6	1		
M354143		59	2.7	15.9	46	25.0	1		
M354144		77	2.7	12.7	50	31.3	1		
M354145		75	4.4	11.8	37	32.8	<1		
M354146		73	1.3	15.1	140	29.3	1		
M354147		71	1.1	15.4	139	30.3	1		
M354148		75	3.8	15.0	48	34.3	<1		
M354149		72	1.1	15.1	50	30.5	1		
M354150		72	1.6	14.5	51	28.0	1		
M354151		69	0.7	14.5	43	28.3			



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**CERTIFICATE OF ANALYSIS WH12200378**

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



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**CERTIFICATE WH12200379**

Project: Klaza - 112

P.O. No.: Batch 7

This report is for 5 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 Account: ROCKHA

Project: Klaza - 112

**CERTIFICATE OF ANALYSIS WH12200379**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354152		3.04	<0.005	1.05	7.85	3.2	2060	1.35	0.08	2.02	0.06	44.1	8.5	20	8.76	11.0
M354153		3.35	<0.005	0.06	7.75	3.2	2180	1.48	0.07	1.66	0.10	49.6	7.6	34	7.99	2.5
M354154		2.76	<0.005	0.04	7.59	2.8	2030	1.56	0.07	2.27	0.08	44.4	7.2	17	8.16	3.1
M354155		2.56	<0.005	0.01	0.12	<5	30	0.10	0.02	21.4	0.06	1.74	1.2	<1	0.37	1.8
M354156		3.50	<0.005	0.18	7.59	2.8	1850	1.74	0.08	2.46	0.21	45.2	9.0	19	9.32	3.5



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 Account: ROCKHA

Project: Klaza - 112

**CERTIFICATE OF ANALYSIS WH12200379**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354152		2.88	16.45	0.12	1.5	0.046	2.63	21.8	40.3	0.71	526	1.35	0.26	9.5	3.5	630
M354153		3.05	16.45	0.13	1.5	0.046	2.54	25.8	31.9	0.82	457	2.32	0.81	9.7	3.4	610
M354154		2.98	16.45	0.12	1.3	0.044	2.50	22.2	22.2	0.76	504	1.06	1.62	9.1	3.0	600
M354155		0.52	0.42	0.05	<0.1	<0.005	0.05	0.9	1.6	13.00	230	0.23	0.01	0.5	1.4	220
M354156		3.16	17.00	0.14	1.3	0.048	2.24	22.6	25.2	0.82	615	1.31	1.49	9.3	3.3	620



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**CERTIFICATE OF ANALYSIS WH12200379**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M354152		16.3	84.0	<0.002	0.02	6.98	11.0	1	2.8	190.5	0.74	<0.05	13.1	0.282	0.96	3.6
M354153		14.9	96.0	<0.002	0.01	5.04	11.7	1	1.8	270	0.70	<0.05	14.3	0.275	0.91	4.0
M354154		16.3	85.6	<0.002	0.01	4.23	11.9	1	1.8	352	0.67	<0.05	13.9	0.266	0.85	4.1
M354155		1.3	2.6	<0.002	<0.01	0.23	0.3	1	0.3	45.6	<0.05	<0.05	0.2	0.005	0.02	0.5
M354156		25.4	85.1	<0.002	0.02	6.58	13.2	1	1.9	353	0.65	<0.05	13.3	0.278	0.92	3.9





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**CERTIFICATE OF ANALYSIS    WH12200379**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
		V	W	Y	Zn	Zr	Ag
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 1
M354152		76	8.2	14.2	43	37.6	<1
M354153		75	3.9	14.3	46	38.9	<1
M354154		74	1.9	14.7	43	36.0	<1
M354155		2	0.1	1.0	13	0.7	<1
M354156		81	3.1	15.6	57	37.2	<1

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



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**CERTIFICATE OF ANALYSIS WH12200379**

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



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**CERTIFICATE WH12201230**

Project: Klaza - 113

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12201230**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359122		4.30	<0.005	0.17	6.85	10.3	1630	1.57	0.29	2.41	0.15	43.2	6.2	7	12.55	10.3
M359123		2.38	0.053	0.97	6.55	222	1660	1.46	0.88	2.15	0.81	36.7	8.9	7	11.45	23.8
M359124		3.16	<0.005	0.07	0.08	<5	20	0.05	0.04	20.5	0.08	1.32	0.7	<1	0.38	2.7
M359125		2.23	0.011	0.45	7.09	104.5	1970	1.70	0.61	2.74	0.48	49.9	7.7	8	15.30	10.3
M359126		3.63	0.008	0.34	6.58	51.4	1790	1.59	0.65	2.21	1.07	38.0	7.0	7	13.70	8.6
M359127		4.00	<0.005	0.13	7.14	6.4	2020	1.47	0.21	2.32	0.13	43.1	7.4	7	10.65	12.3
M359128		1.65	<0.005	0.13	7.34	7.3	2220	1.70	0.23	2.63	0.35	48.8	7.6	6	11.15	15.1
M359129		3.59	<0.005	0.18	7.14	6.9	2190	1.49	0.28	2.01	0.36	45.3	7.3	6	10.60	8.8
M359130		5.20	<0.005	0.09	7.68	5.4	2300	1.68	0.23	2.68	0.12	48.9	7.0	9	13.95	8.9
M359131		3.98	0.010	0.25	7.36	132.5	1170	1.54	0.20	1.40	0.50	41.8	7.6	7	14.30	6.6
M359132		2.82	0.035	0.53	7.30	323	1840	1.36	0.28	1.19	0.92	46.8	7.5	7	14.40	10.5
M359133		2.86	<0.005	0.06	0.11	<5	20	<0.05	0.04	21.5	0.06	1.20	0.8	<1	0.69	1.8
M359134		4.81	<0.005	0.12	7.38	7.6	2060	1.80	0.22	2.12	0.08	44.5	7.3	7	12.25	8.4
M359135		2.25	<0.005	0.13	8.36	5.9	1990	1.36	0.30	0.65	0.13	53.5	6.6	8	13.45	10.4
M359136		7.01	<0.005	0.08	7.43	4.0	2230	1.80	0.16	2.57	0.12	45.6	7.4	9	10.15	5.3
M359137		0.25	0.748	9.96	6.67	1530	1080	1.48	5.87	1.86	41.0	43.6	16.7	20	14.85	103.0
M359138		3.51	<0.005	0.29	7.71	5.6	1970	1.33	0.23	1.70	0.17	55.8	7.6	8	13.10	5.3
M359139		4.96	<0.005	0.14	7.54	4.4	2190	1.71	0.21	2.16	0.13	47.5	7.5	8	12.15	6.4
M359140		2.39	<0.005	0.15	7.93	9.1	1730	1.34	0.28	1.18	0.15	55.4	7.8	7	11.35	8.3
M359141		2.77	<0.005	0.13	7.63	4.6	2210	1.69	0.28	2.36	0.13	45.1	7.8	8	11.95	14.2
M359142		5.58	<0.005	0.08	7.56	4.6	2340	1.65	0.19	2.66	0.13	48.6	7.5	11	7.59	19.2
M359143		4.38	<0.005	0.09	7.45	4.3	2160	1.75	0.38	2.20	0.11	47.6	7.5	9	12.40	11.7
M359144		5.33	<0.005	0.08	7.45	4.3	2180	1.60	0.23	2.60	0.08	50.6	7.6	12	7.58	12.6
M359145		2.10	<0.005	0.11	7.70	4.7	2050	1.30	0.78	1.56	0.11	52.0	7.8	7	14.25	25.5
M359146		5.21	<0.005	0.07	7.39	3.2	2200	1.58	0.28	2.50	0.08	46.7	7.3	8	9.10	13.1
M359147		2.57	<0.005	0.09	7.80	5.3	2310	1.59	0.45	2.04	0.13	54.5	8.0	13	10.50	9.3
M359148		0.25	0.818	10.30	6.64	1510	1420	1.69	5.98	1.85	41.4	45.0	17.5	19	15.30	105.5
M359149		3.45														
M359150		3.20	<0.005	0.34	7.86	9.5	1920	1.14	0.32	1.11	0.21	57.6	7.2	7	14.05	16.1
M359151		2.53	<0.005	0.13	8.00	5.8	2110	1.35	0.37	1.38	0.13	52.9	7.1	7	11.90	16.2
M359152		2.99	<0.005	0.13	7.98	3.8	2250	1.75	0.35	2.16	0.14	59.1	7.8	8	10.60	17.0
M359153		<0.02	<0.005	0.12	7.55	3.6	2110	1.52	0.46	2.08	0.12	51.2	7.2	7	9.65	15.3
M359154		3.38	<0.005	0.11	7.31	5.8	2250	1.38	0.30	2.15	0.18	45.8	7.3	8	11.20	15.9
M359155		2.82	<0.005	0.10	7.13	3.6	2200	1.81	0.34	2.50	0.13	43.3	7.8	8	10.95	15.9
M359156		2.74	<0.005	0.10	6.97	9.9	1760	1.55	0.28	3.09	0.12	41.5	7.0	7	18.05	15.4
M359157		2.90	<0.005	0.09	7.31	4.3	2160	1.63	0.29	2.69	0.15	45.6	7.4	9	11.80	12.5



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Project: Klaza - 113

**CERTIFICATE OF ANALYSIS WH12201230**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359122		2.79	15.70	0.12	1.4	0.038	3.12	21.8	32.4	0.44	1060	1.76	0.63	7.4	3.1	520
M359123		3.66	16.00	0.13	1.2	0.069	3.20	17.9	25.1	0.44	5830	1.46	0.30	7.3	2.6	520
M359124		0.50	0.24	0.11	<0.1	0.006	0.04	0.7	1.2	12.25	235	0.14	<0.01	0.1	2.9	160
M359125		3.11	16.75	0.15	1.4	0.042	3.21	22.8	15.9	0.48	2830	1.46	1.35	8.1	2.8	570
M359126		2.97	17.00	0.13	1.4	0.047	3.19	18.3	18.9	0.46	3090	1.67	0.52	8.0	2.8	530
M359127		2.86	16.85	0.13	1.4	0.040	2.70	22.5	19.2	0.56	950	1.68	1.42	8.0	2.5	620
M359128		3.14	17.55	0.14	1.5	0.044	2.86	23.2	15.0	0.65	1300	1.84	1.72	8.1	2.6	670
M359129		3.02	16.45	0.15	1.5	0.039	2.92	22.1	19.1	0.40	2100	1.18	0.81	7.7	2.5	570
M359130		2.91	17.50	0.14	1.6	0.035	2.77	25.5	26.4	0.56	754	1.21	2.08	8.2	2.5	590
M359131		2.90	17.00	0.14	1.6	0.060	3.19	21.3	38.6	0.32	2390	1.37	0.07	8.2	2.9	550
M359132		3.45	17.15	0.15	1.6	0.079	3.01	24.3	25.7	0.34	2800	1.67	0.10	7.9	2.8	530
M359133		0.53	0.35	0.12	<0.1	0.006	0.05	0.6	1.3	12.90	246	0.19	0.01	0.1	3.0	150
M359134		2.92	17.20	0.14	1.7	0.037	2.73	23.2	20.4	0.43	696	1.16	1.33	8.3	2.6	570
M359135		2.90	19.50	0.15	2.0	0.041	2.85	29.9	41.1	0.19	694	1.39	0.20	10.2	2.8	660
M359136		3.02	17.15	0.16	1.5	0.043	2.54	21.8	15.6	0.78	637	0.89	2.41	8.5	2.9	590
M359137		5.21	15.50	0.13	1.3	0.842	2.79	23.7	23.3	0.68	1940	12.60	0.27	7.3	14.7	480
M359138		2.84	18.35	0.18	1.5	0.044	2.63	30.4	25.6	0.39	724	1.44	0.88	8.7	2.7	610
M359139		3.05	17.35	0.13	1.5	0.039	2.68	24.5	19.1	0.61	627	0.92	2.06	8.3	2.6	610
M359140		3.09	18.40	0.14	1.4	0.039	2.74	31.7	21.5	0.39	1330	1.16	1.00	8.3	2.7	590
M359141		3.08	17.65	0.15	1.5	0.038	2.51	24.2	18.7	0.67	621	1.14	2.25	8.1	3.1	590
M359142		3.11	17.05	0.15	1.6	0.036	2.68	23.8	17.0	0.83	682	1.01	2.51	8.1	3.0	620
M359143		2.95	17.45	0.17	1.5	0.040	2.66	25.0	19.7	0.57	618	1.30	1.91	8.4	2.8	560
M359144		2.84	17.40	0.16	1.6	0.035	2.65	25.4	19.8	0.77	629	1.01	2.40	8.6	2.7	560
M359145		2.99	17.60	0.15	1.5	0.037	2.73	27.9	30.0	0.42	730	1.15	0.78	8.3	2.7	580
M359146		2.86	17.20	0.14	1.7	0.037	2.60	24.7	19.8	0.71	602	2.12	2.19	8.3	2.7	580
M359147		3.10	18.55	0.17	1.7	0.032	2.76	28.6	25.3	0.61	747	1.49	1.49	9.2	3.1	600
M359148		5.15	16.10	0.14	1.3	0.882	2.80	24.8	23.4	0.67	1940	12.60	0.26	7.6	15.2	470
M359149																
M359150		2.81	18.75	0.16	1.8	0.044	2.73	32.6	35.9	0.35	954	1.57	0.43	9.1	2.7	600
M359151		2.86	17.60	0.15	1.7	0.033	2.68	29.2	26.6	0.42	617	1.85	0.82	8.3	2.4	600
M359152		3.01	18.20	0.15	1.6	0.047	2.81	29.8	20.3	0.63	683	1.54	1.85	9.1	2.7	590
M359153		2.81	17.15	0.15	1.6	0.037	2.69	26.6	19.0	0.58	653	1.16	1.73	8.2	2.6	550
M359154		2.85	17.05	0.16	1.5	0.038	2.79	22.4	18.2	0.58	981	1.08	1.57	8.2	2.6	570
M359155		2.91	17.25	0.13	1.5	0.045	2.52	21.2	13.6	0.72	665	1.25	2.34	8.4	2.6	570
M359156		2.72	15.90	0.14	1.6	0.037	2.52	21.2	53.1	0.84	650	1.19	0.48	8.0	2.3	540
M359157		2.92	17.25	0.17	1.7	0.042	2.70	22.6	13.5	0.73	683	1.39	2.26	8.8	2.6	580



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**CERTIFICATE OF ANALYSIS WH12201230**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359122		17.4	132.5	0.003	0.02	11.20	8.5	1	1.8	124.0	0.65	<0.05	13.3	0.242	1.90	3.1
M359123		48.9	144.0	0.002	0.68	25.5	9.1	<1	1.8	91.9	0.57	<0.05	10.6	0.235	2.10	3.7
M359124		1.6	2.9	<0.002	<0.01	0.15	0.5	1	<0.2	38.3	<0.05	<0.05	<0.2	<0.005	0.05	0.5
M359125		26.1	155.0	<0.002	0.28	9.24	10.4	<1	2.1	242	0.66	<0.05	13.0	0.272	2.06	3.3
M359126		43.6	148.0	0.002	0.11	13.05	9.0	1	1.8	121.5	0.62	<0.05	10.8	0.247	2.25	2.6
M359127		20.3	121.5	<0.002	0.01	5.79	9.9	1	1.8	241	0.63	<0.05	12.5	0.268	1.42	2.4
M359128		25.0	127.5	<0.002	0.02	4.99	10.2	1	1.9	283	0.65	<0.05	12.2	0.276	1.57	2.5
M359129		27.8	129.0	<0.002	0.04	12.05	9.6	1	1.7	141.0	0.65	<0.05	13.1	0.256	1.66	3.1
M359130		19.8	116.5	0.002	0.02	4.44	9.8	1	1.8	334	0.72	<0.05	13.8	0.270	1.25	3.0
M359131		30.3	158.5	<0.002	0.11	25.3	10.0	1	1.8	66.8	0.68	<0.05	12.7	0.262	2.08	4.0
M359132		55.8	166.5	0.002	0.47	31.2	10.3	1	1.8	59.7	0.66	<0.05	14.7	0.244	2.14	5.0
M359133		1.4	4.2	0.002	<0.01	0.20	0.4	<1	<0.2	41.3	<0.05	<0.05	<0.2	<0.005	0.06	0.5
M359134		18.0	113.0	0.002	0.02	8.82	9.6	1	1.8	235	0.72	<0.05	12.8	0.261	1.19	3.1
M359135		18.9	144.5	0.002	0.02	23.8	11.6	1	2.1	65.1	0.90	<0.05	17.1	0.290	1.26	5.2
M359136		19.1	104.5	<0.002	0.01	1.26	10.4	1	2.0	371	0.74	<0.05	12.4	0.259	1.07	2.7
M359137		1315	160.0	0.002	3.03	33.9	8.3	2	6.0	140.0	0.57	0.30	12.5	0.211	2.42	5.4
M359138		20.5	117.0	<0.002	0.02	14.40	11.1	1	2.2	170.0	0.70	<0.05	15.9	0.285	1.15	3.1
M359139		20.7	111.5	0.002	0.01	4.39	10.4	1	2.1	311	0.65	<0.05	13.3	0.278	1.13	2.5
M359140		16.5	145.5	<0.002	0.07	17.90	11.0	2	2.2	90.9	0.63	<0.05	16.0	0.271	1.49	5.4
M359141		21.7	108.0	<0.002	0.01	3.18	10.2	1	2.7	350	0.65	<0.05	12.8	0.257	1.10	2.5
M359142		20.9	102.5	<0.002	0.01	0.94	10.1	1	1.9	405	0.70	<0.05	13.3	0.274	1.11	3.6
M359143		19.4	110.0	<0.002	<0.01	5.92	10.3	1	1.9	303	0.64	<0.05	13.3	0.264	1.07	2.8
M359144		20.3	114.5	0.002	0.01	0.89	10.6	1	1.9	368	0.70	<0.05	13.9	0.270	1.02	4.0
M359145		21.0	116.5	<0.002	0.01	14.85	10.7	2	3.3	157.5	0.68	<0.05	15.0	0.273	1.14	3.8
M359146		19.2	103.0	0.002	0.01	1.82	9.9	1	1.8	343	0.73	<0.05	13.2	0.263	1.07	3.0
M359147		20.1	122.5	0.002	0.02	10.10	11.2	1	2.0	251	0.74	<0.05	14.5	0.281	1.10	3.8
M359148		1300	162.0	0.003	3.00	35.1	8.6	1	6.2	145.5	0.56	0.26	12.4	0.210	2.35	5.4
M359149																
M359150		21.1	135.5	<0.002	0.11	21.1	11.0	1	2.0	98.5	0.76	<0.05	17.2	0.279	1.26	3.9
M359151		21.0	123.0	0.002	0.02	15.90	9.8	<1	1.8	167.0	0.73	<0.05	16.1	0.262	1.23	3.5
M359152		20.4	129.5	0.002	0.01	6.18	11.0	1	2.4	293	0.77	<0.05	15.5	0.268	1.16	4.2
M359153		20.5	119.5	0.002	0.01	5.67	10.1	1	2.3	274	0.75	<0.05	15.4	0.258	1.17	4.1
M359154		21.8	110.5	<0.002	0.03	7.12	9.7	1	2.3	260	0.68	<0.05	12.8	0.262	1.25	4.1
M359155		21.6	101.0	0.002	0.01	1.26	9.9	1	2.1	354	0.70	<0.05	12.7	0.253	1.17	3.4
M359156		21.0	96.3	0.002	0.08	11.80	9.0	1	2.0	189.5	0.70	<0.05	12.2	0.243	1.42	4.5
M359157		23.0	110.5	0.002	0.01	2.36	10.0	1	1.9	353	0.75	<0.05	13.9	0.269	1.16	4.0



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**CERTIFICATE OF ANALYSIS WH12201230**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359122		64	2.4	13.8	59	36.7	<1
M359123		65	5.9	12.7	204	34.0	1
M359124		2	0.1	0.8	13	<0.5	<1
M359125		71	3.3	15.4	161	39.0	<1
M359126		64	3.0	13.2	189	36.5	1
M359127		70	4.9	15.5	63	37.1	<1
M359128		73	3.6	15.6	86	37.0	<1
M359129		66	4.2	14.3	92	38.3	<1
M359130		70	3.6	15.7	58	39.3	<1
M359131		70	5.3	13.5	96	40.8	<1
M359132		65	8.3	14.9	149	39.4	<1
M359133		3	0.1	0.8	15	<0.5	<1
M359134		67	2.9	15.4	55	48.1	<1
M359135		76	9.1	18.3	60	53.2	<1
M359136		68	1.0	16.4	51	38.7	<1
M359137		55	5.0	10.8	2980	39.1	9
M359138		73	2.4	17.2	59	40.7	<1
M359139		73	1.8	16.1	59	38.5	<1
M359140		71	3.2	18.3	67	37.5	<1
M359141		68	2.3	16.3	54	37.7	<1
M359142		71	3.2	16.0	61	39.1	<1
M359143		68	3.0	16.4	53	39.7	<1
M359144		69	2.6	17.5	54	40.5	<1
M359145		70	5.3	17.6	61	40.9	<1
M359146		67	2.3	16.7	52	43.2	<1
M359147		74	3.8	18.4	60	48.6	<1
M359148		55	5.0	11.1	2960	39.9	10
M359149							
M359150		70	5.4	18.4	71	46.8	<1
M359151		67	4.4	17.6	59	43.7	<1
M359152		69	4.0	18.9	59	42.9	<1
M359153		66	4.2	17.8	55	40.2	<1
M359154		68	3.2	15.4	64	38.9	<1
M359155		66	2.0	16.2	56	39.9	<1
M359156		64	2.2	14.6	52	40.0	<1
M359157		70	2.1	16.3	60	44.1	<1



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**CERTIFICATE OF ANALYSIS WH12201230**

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





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**CERTIFICATE WH12201231**

Project: Klaza - 113

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12201231**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M359158		4.47	<0.005	0.15	7.04	13.7	1490	1.62	0.33	2.70	0.20	42.2	7.8	13	14.10	10.0
M359159		6.54	<0.005	0.10	7.45	6.3	2390	1.36	0.38	2.72	0.13	39.2	7.3	26	12.90	10.0
M359160		4.85	<0.005	0.12	7.63	4.6	2010	1.76	0.35	3.00	0.16	49.1	8.3	14	17.05	16.7
M359161		2.82	<0.005	0.17	7.92	4.1	2010	1.91	0.82	2.89	0.14	56.0	8.1	15	15.70	22.6
M359162		0.26	0.796	10.00	7.02	1665	1370	1.43	6.17	2.07	42.7	43.6	18.2	20	16.55	112.0
M359163		3.85	<0.005	0.27	8.05	9.3	2400	1.77	0.39	2.30	0.17	51.0	7.1	10	22.4	24.3
M359164		4.34	<0.005	0.36	6.99	34.1	2060	1.30	0.33	2.78	0.54	42.5	7.3	12	12.70	21.6
M359165		2.37	<0.005	0.17	7.01	6.1	2420	1.55	0.19	2.48	0.19	40.0	6.7	11	17.00	12.2
M359166		2.52	0.109	0.70	6.68	361	930	1.59	0.18	2.89	2.21	47.5	6.7	10	16.40	15.8
M359167		4.60	<0.005	0.14	7.55	13.3	800	1.18	0.15	2.38	0.23	44.1	6.5	14	8.02	17.2
M359168		3.42	<0.005	0.19	7.34	14.7	1220	1.06	0.13	3.53	0.23	45.0	6.9	11	8.77	15.1
M359169		2.74	<0.005	0.42	7.04	20.8	1870	1.43	0.14	2.71	2.44	53.4	6.8	22	13.15	22.5
M359170		3.18	<0.005	0.38	6.97	44.0	1140	1.52	0.17	2.85	3.82	48.6	7.2	10	16.95	22.4
M359171		2.53	<0.005	0.10	0.08	<5	20	0.06	<0.01	22.7	0.07	1.12	0.6	<1	0.16	1.8
M359172		2.82	<0.005	0.24	7.74	23.6	1640	1.63	0.13	2.42	0.36	49.5	7.8	10	18.45	18.1
M359173		1.21	<0.005	0.24	7.58	21.8	1600	1.65	0.13	2.80	0.65	45.7	7.9	10	18.55	22.9
M359174		3.38	<0.005	0.16	6.85	13.5	1960	1.50	0.14	3.01	0.15	44.1	7.1	11	16.00	11.7
M359175		3.06	<0.005	0.11	7.44	8.4	2450	1.49	0.22	3.01	0.14	42.7	8.7	14	19.35	14.5
M359176		0.26	0.808	9.98	6.86	1545	1770	1.61	6.20	1.97	42.8	44.2	18.0	18	16.55	107.5
M359177		2.25	<0.005	0.24	7.40	8.2	2460	1.56	0.24	2.71	0.11	46.1	7.5	10	13.10	23.0
M359178		5.46	<0.005	0.09	7.50	8.2	2250	1.67	0.19	2.92	0.10	46.2	7.9	15	14.20	12.5
M359179		4.62	<0.005	0.09	7.25	7.3	2120	1.76	0.21	2.70	0.09	50.3	7.9	10	14.90	12.3
M359180		3.37	<0.005	0.09	7.05	13.4	1910	1.40	0.21	2.98	0.10	41.1	7.8	14	19.05	12.5
M359181		5.15	<0.005	0.10	8.00	10.1	1880	1.08	0.34	1.48	0.12	49.9	8.0	12	14.45	13.1
M359182		2.94	<0.005	0.13	7.56	16.5	2080	1.38	0.20	2.07	0.15	49.8	7.8	13	21.7	15.7
M359183		3.11	<0.005	0.04	0.11	<5	30	0.05	<0.01	22.2	0.06	1.17	0.7	<1	0.39	1.2
M359184		3.65	<0.005	0.04	7.85	61.3	410	1.44	0.05	2.59	0.12	64.4	11.1	41	35.4	8.0
M359185		4.16	0.005	0.10	7.34	13.6	1930	1.23	0.33	1.69	0.13	46.8	6.3	23	17.95	12.5
M359186		2.59	<0.005	0.16	6.94	45.6	2290	1.51	0.22	3.44	0.19	43.6	8.4	10	21.0	13.8
M359187		2.75	<0.005	0.13	6.80	22.4	1720	1.70	0.48	2.49	0.10	44.3	7.9	12	21.3	10.8
M359188		<0.02	<0.005	0.11	6.73	23.8	1740	1.61	0.49	2.62	0.12	44.7	8.4	13	21.7	11.1
M359189		5.22	<0.005	0.12	7.20	9.5	2720	1.28	0.33	2.17	0.12	43.5	8.3	12	12.30	11.5
M359190		4.19	<0.005	0.11	7.07	7.2	2230	1.69	0.33	2.82	0.10	48.2	7.4	15	8.66	12.2
M359191		2.95	<0.005	0.17	6.91	9.8	2060	1.38	0.37	2.49	0.08	40.1	6.9	14	10.20	9.9
M359192		2.72	<0.005	0.14	7.62	10.4	2190	1.46	0.31	2.29	0.13	49.0	8.0	15	10.30	12.1
M359193		4.56	<0.005	0.12	7.38	9.1	2300	1.59	0.35	2.60	0.13	47.5	6.7	11	10.40	10.9



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359158		2.76	16.95	0.09	1.3	0.044	2.65	20.6	71.2	0.75	891	2.20	0.64	8.3	4.3	570
M359159		2.89	15.45	0.14	1.2	0.034	2.85	19.8	30.4	0.80	699	5.22	1.74	7.6	2.7	600
M359160		3.30	16.95	0.11	1.1	0.042	2.59	23.9	17.1	0.91	775	4.08	2.52	8.7	3.5	660
M359161		3.13	17.30	0.17	1.2	0.046	2.70	28.0	20.5	0.84	665	10.85	2.60	9.0	3.0	620
M359162		5.58	15.50	0.15	1.2	0.850	3.14	22.3	25.1	0.75	2140	12.80	0.29	7.3	16.0	530
M359163		2.80	17.50	0.12	1.2	0.034	3.06	26.0	56.9	0.64	638	2.87	1.76	8.4	2.8	600
M359164		2.77	15.25	0.13	1.2	0.029	3.23	21.1	50.2	0.85	2160	3.62	0.20	7.1	2.4	530
M359165		2.58	15.40	0.14	1.1	0.030	3.24	20.3	17.0	0.65	780	2.66	1.72	7.1	2.5	520
M359166		2.66	14.70	0.11	1.1	0.031	2.37	25.9	87.7	0.91	4900	3.54	0.04	6.6	2.3	460
M359167		2.60	16.00	0.10	1.3	0.041	1.11	21.4	167.5	0.79	1500	2.33	0.02	7.9	2.4	600
M359168		2.79	15.80	0.15	1.0	0.035	1.09	22.7	141.5	1.16	1520	2.07	0.02	7.3	2.3	570
M359169		2.54	15.15	0.12	1.4	0.037	2.60	27.9	71.1	0.95	2050	3.16	0.04	7.3	2.7	480
M359170		3.14	15.30	0.13	1.0	0.036	2.97	26.4	57.5	1.00	2700	1.99	0.03	6.7	2.6	480
M359171		0.48	0.22	0.06	<0.1	<0.005	0.03	0.5	1.2	13.85	224	0.14	0.01	0.1	1.5	200
M359172		3.10	16.55	0.13	1.2	0.029	3.66	24.0	38.8	0.80	1780	2.38	0.25	7.6	2.5	580
M359173		3.20	15.85	0.14	1.1	0.041	3.66	22.9	34.6	0.92	1820	2.01	0.41	7.6	2.7	620
M359174		3.11	16.70	0.14	1.2	0.054	3.10	20.5	20.2	0.80	1760	2.29	1.33	7.9	2.7	580
M359175		3.05	16.85	0.13	1.2	0.038	2.77	21.0	14.6	0.76	705	2.55	2.26	8.0	2.9	610
M359176		5.44	15.40	0.15	1.2	0.827	2.94	23.2	25.4	0.74	2040	12.55	0.28	7.4	16.2	500
M359177		2.94	16.50	0.14	1.1	0.033	2.70	23.2	17.3	0.78	660	2.42	2.33	7.9	2.5	600
M359178		3.06	17.10	0.13	1.2	0.040	2.73	22.3	23.6	0.83	679	2.19	2.42	8.4	2.9	610
M359179		2.89	16.90	0.14	1.3	0.038	2.68	24.6	25.4	0.77	656	1.85	2.24	8.4	2.6	580
M359180		2.93	16.35	0.14	1.1	0.031	2.72	20.5	40.0	0.88	713	1.87	1.35	7.9	4.1	580
M359181		2.92	17.10	0.15	1.2	0.034	2.70	25.3	44.8	0.57	652	1.88	0.40	8.3	2.5	630
M359182		2.86	16.45	0.18	1.1	0.032	2.76	24.7	49.0	0.86	887	1.85	0.13	8.1	2.9	570
M359183		0.48	0.30	0.11	<0.1	<0.005	0.05	0.6	1.8	13.55	225	0.11	0.01	0.1	2.0	150
M359184		3.70	17.20	0.15	3.9	0.031	1.74	33.6	84.7	1.39	837	0.90	0.03	9.5	14.4	1720
M359185		2.69	15.25	0.14	1.2	0.042	1.83	23.3	69.0	0.63	765	2.35	0.05	8.3	3.2	590
M359186		3.02	15.20	0.18	1.1	0.041	2.96	22.5	40.4	1.05	1070	1.39	0.07	7.8	2.8	560
M359187		3.02	16.05	0.16	1.2	0.052	2.96	21.1	19.1	0.80	877	1.70	0.78	8.5	2.5	600
M359188		3.07	16.25	0.13	1.3	0.049	3.13	21.3	19.4	0.80	931	1.67	0.79	8.7	2.9	610
M359189		2.88	17.40	0.15	1.3	0.043	2.70	22.0	24.8	0.65	833	1.90	0.77	9.1	2.7	600
M359190		3.08	16.60	0.15	1.3	0.040	2.61	23.4	13.1	0.72	740	1.85	2.09	8.9	2.6	600
M359191		3.06	15.60	0.14	1.3	0.041	2.62	19.4	18.8	0.68	1310	1.69	1.12	8.4	2.3	580
M359192		2.93	17.00	0.16	1.3	0.036	2.69	24.1	24.3	0.61	708	2.01	1.65	9.0	2.8	580
M359193		2.84	15.95	0.16	1.3	0.039	2.71	23.3	22.5	0.72	699	1.52	2.34	8.6	2.4	590



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**CERTIFICATE OF ANALYSIS WH12201231**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359158		19.9	101.0	<0.002	0.11	11.75	10.3	2	1.6	192.5	0.73	<0.05	11.2	0.248	1.70	3.7
M359159		18.2	97.1	<0.002	0.03	3.39	9.8	1	1.8	331	0.63	<0.05	10.0	0.274	1.15	2.7
M359160		20.8	107.0	0.003	0.01	1.45	11.7	1	2.2	401	0.72	<0.05	12.0	0.292	1.23	3.4
M359161		21.8	116.0	0.006	0.01	1.22	11.4	2	2.2	406	0.78	<0.05	14.8	0.281	1.21	3.1
M359162		1475	166.0	0.002	3.34	34.3	9.0	1	6.0	158.0	0.64	0.25	11.3	0.228	2.51	4.9
M359163		22.6	125.0	<0.002	0.03	8.27	11.1	2	1.9	306	0.76	<0.05	12.8	0.261	1.37	3.7
M359164		34.2	129.5	0.004	0.28	17.70	9.2	1	1.9	121.0	0.63	<0.05	11.2	0.232	2.17	5.5
M359165		37.6	125.5	0.002	0.06	4.55	8.7	1	1.8	311	0.59	<0.05	10.4	0.233	1.51	2.6
M359166		44.1	134.5	0.003	0.76	38.9	8.6	2	2.7	161.5	0.56	<0.05	13.1	0.218	1.88	12.3
M359167		21.0	36.2	0.002	0.15	23.5	9.9	1	2.2	252	0.72	<0.05	12.2	0.258	1.03	4.3
M359168		23.1	40.6	0.002	0.18	17.90	9.6	1	2.0	222	0.62	<0.05	11.6	0.236	1.09	3.9
M359169		45.7	122.5	0.002	0.20	22.6	8.5	1	1.8	123.0	0.77	<0.05	16.0	0.211	2.10	6.1
M359170		84.3	173.0	0.004	0.30	31.4	9.7	<1	1.8	98.9	0.58	<0.05	12.5	0.219	2.42	9.4
M359171		1.5	1.3	<0.002	<0.01	0.08	0.2	1	0.2	40.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M359172		23.7	168.0	<0.002	0.18	16.65	9.9	1	2.1	120.0	0.65	<0.05	12.4	0.254	2.71	5.5
M359173		32.4	161.0	<0.002	0.19	15.95	9.9	1	2.4	131.0	0.64	<0.05	11.9	0.256	2.67	5.1
M359174		18.9	126.0	<0.002	0.11	5.29	10.4	2	2.0	247	0.65	<0.05	11.1	0.254	1.86	3.5
M359175		19.8	106.0	<0.002	0.02	2.48	10.6	1	2.2	381	0.65	<0.05	11.2	0.267	1.32	3.3
M359176		1445	167.0	<0.002	3.27	34.1	9.0	1	6.0	155.0	0.61	0.36	11.8	0.218	2.59	5.2
M359177		20.2	100.0	<0.002	0.02	2.00	10.1	1	2.0	376	0.68	<0.05	12.3	0.256	1.16	3.7
M359178		20.2	103.5	<0.002	0.01	1.76	10.2	1	1.8	383	0.70	<0.05	11.9	0.264	1.14	3.8
M359179		18.2	108.0	<0.002	0.01	1.74	10.7	1	1.9	357	0.76	<0.05	12.8	0.260	1.11	4.0
M359180		18.5	95.8	<0.002	0.07	5.33	9.3	1	1.8	273	0.65	<0.05	10.5	0.251	1.38	3.2
M359181		19.2	105.0	<0.002	0.01	16.80	10.7	1	1.9	124.5	0.72	<0.05	13.8	0.275	1.18	3.6
M359182		17.6	99.1	<0.002	0.05	18.55	10.5	1	1.8	163.0	0.67	<0.05	12.5	0.250	1.47	8.4
M359183		1.4	2.5	<0.002	<0.01	0.12	0.5	1	0.2	38.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M359184		12.4	66.2	<0.002	0.01	28.1	7.8	<1	1.2	1380	0.59	<0.05	7.2	0.442	0.92	5.8
M359185		12.0	75.7	<0.002	0.06	24.3	9.4	1	2.0	112.0	0.70	0.06	13.2	0.243	1.13	3.2
M359186		19.9	119.0	0.003	0.24	13.55	8.8	1	1.9	174.0	0.68	<0.05	11.8	0.239	2.34	3.9
M359187		15.5	136.0	0.002	0.13	10.85	9.5	1	1.8	175.5	0.73	<0.05	11.8	0.242	2.14	5.9
M359188		15.4	136.0	0.002	0.13	11.05	9.8	1	1.8	179.0	0.73	<0.05	11.3	0.251	2.19	6.1
M359189		16.1	104.5	<0.002	0.06	12.80	10.1	1	2.0	178.5	0.78	<0.05	12.2	0.256	1.35	2.2
M359190		19.0	101.5	<0.002	0.01	3.07	10.0	1	1.9	356	0.74	<0.05	12.6	0.254	1.05	3.2
M359191		16.7	100.0	0.002	0.06	8.19	9.3	1	2.0	184.0	0.78	<0.05	11.2	0.248	1.28	3.3
M359192		21.2	109.5	0.002	0.01	6.54	10.1	2	2.0	303	0.77	<0.05	14.2	0.252	1.13	3.9
M359193		20.9	108.5	0.004	0.01	2.13	9.8	1	1.7	397	0.77	<0.05	13.5	0.248	1.04	4.3



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**CERTIFICATE OF ANALYSIS WH12201231**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359158		70	3.2	15.6	54	37.7	<1
M359159		78	14.2	15.3	52	36.6	<1
M359160		85	4.7	18.6	61	33.5	<1
M359161		78	5.4	19.2	54	35.9	<1
M359162		64	5.2	11.9	3240	38.8	10
M359163		70	5.3	17.8	54	36.0	<1
M359164		65	4.3	15.4	113	34.3	<1
M359165		63	1.9	13.6	56	36.4	1
M359166		59	3.3	14.5	221	32.3	1
M359167		69	4.1	14.1	69	34.9	<1
M359168		66	3.4	15.6	60	31.7	<1
M359169		58	4.6	15.1	193	37.5	1
M359170		66	3.2	16.0	376	31.1	<1
M359171		2	0.1	0.8	14	<0.5	<1
M359172		71	2.7	16.0	83	34.5	<1
M359173		72	2.5	15.5	113	33.7	<1
M359174		73	2.1	15.6	61	34.9	1
M359175		76	1.5	16.0	54	34.5	1
M359176		61	5.3	11.9	3070	39.3	10
M359177		72	2.0	16.2	54	34.9	<1
M359178		74	2.8	16.3	54	37.8	<1
M359179		74	2.2	18.0	52	37.9	<1
M359180		71	4.1	15.2	52	35.4	<1
M359181		76	6.3	16.5	56	35.2	<1
M359182		71	4.6	16.6	59	35.2	<1
M359183		3	0.1	0.8	14	<0.5	<1
M359184		90	2.2	12.3	81	152.0	1
M359185		67	8.0	15.1	55	32.5	1
M359186		70	3.8	16.4	61	30.3	<1
M359187		71	3.3	15.7	51	33.2	<1
M359188		74	3.3	16.0	54	34.5	<1
M359189		70	8.4	16.4	55	35.0	<1
M359190		71	2.6	16.0	54	34.4	<1
M359191		68	2.6	14.5	56	34.4	1
M359192		68	4.0	17.3	57	37.6	<1
M359193		67	1.9	16.5	59	35.7	<1



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**CERTIFICATE OF ANALYSIS WH12201231**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12201232**

Project: Klaza - 113

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12201232**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359194		5.40	<0.005	0.14	7.61	10.5	2330	1.68	0.42	2.61	0.17	52.9	7.7	11	8.72	9.6
M359195		0.26	0.832	10.05	6.74	1485	1680	1.40	6.57	1.90	41.8	45.7	16.7	20	15.75	110.0
M359196		2.98	<0.005	0.32	7.48	10.5	2360	1.71	0.41	2.59	0.19	47.8	7.1	10	8.55	11.9
M359197		2.53	<0.005	0.24	7.82	11.0	2330	1.33	0.42	2.44	0.29	48.3	7.3	11	9.09	14.0
M359198		7.08	<0.005	0.23	7.77	9.7	2440	1.61	0.45	2.61	0.21	45.0	6.9	11	8.36	11.7
M359199		2.68	<0.005	0.25	7.65	9.5	2370	1.46	0.32	2.61	0.25	50.3	7.2	22	8.09	12.5
M359200		7.28	<0.005	0.22	7.75	9.0	2400	1.54	0.28	2.52	0.25	53.9	7.1	12	8.90	12.0
M359201		3.61	<0.005	0.17	7.49	9.6	2310	1.75	0.45	2.51	0.16	49.0	7.6	10	8.37	10.9
M359202		2.85	<0.005	0.12	7.52	8.0	2320	1.61	0.17	2.61	0.15	51.6	7.1	10	9.82	9.9
M359203		3.09	<0.005	0.19	7.84	8.4	1830	1.24	0.34	1.34	0.19	56.4	7.0	9	12.65	9.7
M359204		2.54	<0.005	0.04	0.07	<5	20	0.07	0.03	20.4	0.05	1.16	0.6	<1	0.29	1.9
M359205		2.39	<0.005	0.14	7.56	8.8	2340	1.79	0.18	2.76	0.20	48.2	8.1	14	11.80	10.0
M359206		3.45	<0.005	0.17	7.48	9.4	2360	1.62	0.18	2.62	0.18	46.8	7.4	10	12.65	8.9
M359207		4.18	<0.005	0.16	7.76	8.1	2040	1.36	0.16	1.43	0.18	55.6	6.7	9	13.30	9.6
M359208		2.09	<0.005	0.15	7.98	8.4	2000	1.19	0.15	1.14	0.16	53.2	6.2	9	11.85	9.5
M359209		4.98	<0.005	0.15	7.57	7.2	2020	1.30	0.16	1.91	0.20	48.9	7.1	11	14.20	11.7
M359210		5.01	<0.005	0.13	7.41	7.1	2290	1.40	0.16	2.50	0.15	44.8	7.2	11	13.70	10.1
M359211		0.26	0.770	9.11	6.74	1475	1650	1.48	6.31	1.89	40.2	44.5	15.7	19	14.95	106.0
M359212		7.37	<0.005	0.22	7.63	7.3	2410	1.53	0.14	2.66	0.14	49.5	7.2	11	12.55	9.4
M359213		4.78	<0.005	0.18	7.14	10.0	1970	1.38	0.15	2.19	0.11	43.5	6.8	10	12.55	10.6
M359214		3.09	0.030	0.76	6.38	111.5	2480	1.57	0.22	2.73	1.62	42.5	6.8	8	16.15	16.1
M359215		2.40	<0.005	0.05	0.08	5	20	0.05	0.02	20.8	0.05	1.18	0.5	<1	0.26	1.6
M359216		4.65	<0.005	0.17	7.42	8.7	2220	1.43	0.17	2.38	0.20	48.2	7.2	13	15.85	12.3
M359217		6.38	<0.005	0.11	7.40	7.9	2060	1.28	0.14	2.00	0.18	44.9	6.6	11	13.55	6.8
M359218		2.93	<0.005	0.24	6.93	35.6	1400	1.53	0.28	2.30	0.16	46.5	7.6	9	18.00	10.6
M359219		4.73	<0.005	0.16	6.99	11.2	1420	1.67	0.28	2.70	0.11	44.0	5.6	9	17.55	6.8
M359220		2.45	<0.005	0.22	6.10	17.9	7480	1.59	0.28	3.32	0.47	51.0	6.7	7	19.70	29.2
M359221		6.61	<0.005	0.12	7.37	9.0	1960	1.36	0.22	1.64	0.12	51.7	7.9	10	17.45	7.6
M359222		2.97	<0.005	0.08	7.72	4.0	2090	1.02	0.11	1.03	0.10	51.4	7.1	9	11.70	7.6
M359223		<0.02	<0.005	0.07	7.52	3.7	2040	1.15	0.12	1.12	0.09	54.6	7.0	9	12.30	7.2
M359224		5.94	<0.005	0.07	7.30	2.9	2210	1.73	0.13	2.61	0.09	52.6	7.5	13	11.50	8.9
M359225		3.18	<0.005	0.07	6.47	7.9	2030	1.42	0.12	2.59	0.09	39.6	7.2	12	18.45	8.1
M359226		5.20	<0.005	0.12	6.74	7.3	2350	1.43	0.13	2.32	0.08	44.6	6.6	9	16.95	17.6
M359227		2.92	<0.005	0.27	6.43	11.9	1670	1.39	0.89	2.85	0.13	40.8	7.5	8	13.40	8.3
M359228		6.05	<0.005	0.07	6.89	3.3	2220	1.57	0.13	2.61	0.08	46.9	6.8	12	11.50	10.1
M359229		4.73	<0.005	0.06	6.81	3.9	2210	1.54	0.16	2.71	0.08	46.6	7.2	11	10.15	10.7





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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359194		3.01	16.75	0.14	1.2	0.044	2.71	27.6	25.1	0.78	734	1.75	2.43	9.0	2.6	580
M359195		5.34	15.05	0.15	1.2	0.945	2.91	23.7	24.4	0.70	2020	12.10	0.27	7.8	15.2	520
M359196		3.07	16.35	0.13	1.3	0.048	2.69	23.4	24.5	0.79	753	2.02	2.45	9.3	2.7	600
M359197		2.98	17.40	0.16	1.4	0.047	2.83	24.5	24.5	0.71	874	2.19	1.63	8.9	2.6	620
M359198		3.10	15.80	0.13	1.3	0.042	2.74	23.6	22.9	0.80	781	2.14	2.47	8.4	2.4	620
M359199		3.09	16.20	0.13	1.2	0.050	2.71	26.3	22.0	0.83	824	1.76	2.41	8.6	2.7	640
M359200		3.03	16.25	0.15	1.3	0.045	2.75	27.6	23.6	0.80	704	1.96	2.42	8.7	2.5	610
M359201		3.01	16.95	0.15	1.4	0.046	2.72	24.7	22.6	0.76	704	2.30	2.42	9.1	2.5	620
M359202		2.92	16.55	0.14	1.5	0.041	2.81	25.8	20.4	0.74	805	2.01	2.26	8.7	2.6	590
M359203		2.79	16.95	0.14	1.5	0.042	2.76	29.3	40.4	0.64	1000	2.10	0.28	9.4	2.5	610
M359204		0.48	0.19	0.10	<0.1	0.005	0.03	0.6	1.2	12.45	216	0.08	0.01	0.2	1.9	190
M359205		3.18	17.20	0.15	1.4	0.039	2.82	24.0	23.3	0.81	797	1.75	2.35	10.0	4.7	600
M359206		2.95	16.35	0.15	1.3	0.047	2.75	23.3	21.5	0.71	719	1.57	2.38	8.5	2.5	610
M359207		2.90	17.00	0.15	1.2	0.043	2.62	28.8	30.4	0.52	833	1.03	1.00	8.7	2.5	620
M359208		2.91	15.95	0.12	1.3	0.041	2.64	28.8	32.3	0.51	753	0.93	0.73	8.2	2.2	640
M359209		3.17	15.95	0.17	1.3	0.042	2.67	24.3	33.1	0.68	795	0.93	1.08	8.6	2.5	630
M359210		3.02	15.50	0.14	1.4	0.034	2.78	22.4	23.3	0.71	725	0.92	2.03	8.3	2.4	610
M359211		5.33	14.40	0.14	1.2	0.889	2.89	23.4	23.0	0.70	2000	11.55	0.27	8.0	14.9	510
M359212		3.02	16.60	0.16	1.3	0.044	2.82	24.6	23.5	0.78	673	1.20	2.38	8.7	2.7	610
M359213		3.03	15.75	0.14	1.5	0.037	2.74	22.1	27.8	0.72	859	1.08	1.43	8.6	2.4	640
M359214		2.63	13.50	0.13	1.1	0.036	2.57	22.8	89.7	0.82	1960	1.24	0.05	7.3	2.5	500
M359215		0.48	0.23	0.09	<0.1	0.005	0.04	0.6	1.4	12.65	222	0.11	0.01	0.2	1.7	190
M359216		3.07	16.20	0.16	1.4	0.048	2.73	24.2	19.5	0.68	719	1.75	1.71	8.6	2.5	590
M359217		2.75	15.20	0.12	1.4	0.042	2.61	22.8	32.4	0.53	729	0.83	0.87	8.4	2.2	590
M359218		2.71	15.30	0.14	1.2	0.050	2.86	24.6	126.5	0.77	1510	1.05	0.05	7.9	2.6	550
M359219		2.76	14.65	0.15	1.2	0.052	2.89	22.7	52.8	0.97	1080	0.85	0.06	7.8	2.0	550
M359220		3.52	13.75	0.16	1.1	0.053	2.31	26.3	33.9	1.08	2450	1.16	0.01	7.6	2.4	520
M359221		2.69	16.30	0.09	1.4	0.050	2.94	26.1	110.5	0.59	764	1.04	0.21	8.1	2.3	590
M359222		3.04	15.85	0.12	1.4	0.042	2.96	28.5	35.0	0.73	552	1.03	0.49	8.0	2.1	580
M359223		3.01	16.05	0.13	1.4	0.038	2.91	30.0	35.8	0.74	561	1.00	0.51	8.3	2.2	580
M359224		2.86	17.05	0.13	1.6	0.037	2.84	26.4	22.3	0.78	634	1.24	2.37	8.5	2.7	580
M359225		2.60	15.20	0.11	1.3	0.046	2.86	19.2	59.3	0.66	751	0.81	1.67	8.0	2.8	560
M359226		2.58	15.65	0.13	1.3	0.043	2.93	21.9	52.3	0.65	854	0.96	0.85	7.6	2.2	530
M359227		2.66	14.85	0.17	1.2	0.057	3.31	19.7	27.2	0.64	1500	2.16	0.99	7.2	2.3	520
M359228		2.64	15.75	0.14	1.4	0.044	2.90	23.0	17.0	0.68	616	1.15	2.18	7.8	2.3	540
M359229		2.69	16.50	0.14	1.4	0.046	3.03	23.2	19.5	0.71	676	1.22	2.13	8.3	2.4	530



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Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359194		23.4	116.0	0.003	0.01	2.14	10.4	1	1.7	409	0.84	<0.05	14.4	0.249	1.06	4.7
M359195		1405	171.0	0.002	3.15	33.1	8.7	<1	5.7	150.0	0.64	0.30	12.1	0.212	2.49	4.7
M359196		26.0	112.5	0.002	0.01	2.46	10.1	1	1.9	406	0.87	<0.05	13.8	0.257	1.08	4.8
M359197		30.0	111.0	<0.002	0.01	7.60	10.7	1	1.9	309	0.79	<0.05	13.7	0.264	1.13	3.3
M359198		28.1	107.0	0.002	0.01	2.78	9.7	1	1.7	429	0.75	<0.05	14.2	0.259	1.10	4.5
M359199		29.8	108.0	0.002	0.01	3.03	10.3	1	1.7	411	0.73	<0.05	13.4	0.259	1.12	4.5
M359200		26.9	116.5	<0.002	0.01	2.52	10.3	2	1.8	432	0.76	<0.05	14.0	0.255	1.10	4.1
M359201		24.1	116.0	0.002	0.01	2.37	10.5	1	1.7	426	0.82	<0.05	13.5	0.258	1.05	5.1
M359202		22.7	119.5	<0.002	0.01	2.66	10.3	1	1.5	385	0.82	<0.05	14.4	0.246	1.27	4.8
M359203		23.2	129.0	<0.002	0.04	16.90	11.0	1	1.7	105.0	0.84	<0.05	15.5	0.256	1.28	6.0
M359204		1.6	2.0	<0.002	<0.01	<0.05	0.2	1	<0.2	39.1	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M359205		26.9	108.5	<0.002	0.01	2.46	10.2	1	1.6	394	0.91	<0.05	13.2	0.279	1.27	3.8
M359206		26.7	111.0	<0.002	0.01	3.66	10.0	1	1.7	409	0.72	<0.05	13.1	0.256	1.20	3.4
M359207		22.9	123.5	<0.002	0.02	15.80	10.6	1	1.7	196.5	0.74	<0.05	14.9	0.248	1.19	4.2
M359208		22.7	118.0	0.002	0.02	15.70	10.1	1	1.7	153.0	0.72	<0.05	15.2	0.253	1.18	3.7
M359209		22.3	105.5	<0.002	0.01	13.30	10.2	1	1.6	226	0.71	<0.05	12.8	0.262	1.16	3.3
M359210		23.3	110.0	0.002	0.01	5.23	9.6	1	1.6	347	0.71	<0.05	13.4	0.259	1.25	3.4
M359211		1395	171.0	0.002	3.14	31.4	8.4	1	5.6	148.5	0.66	0.28	12.3	0.211	2.55	4.8
M359212		22.2	114.0	0.002	0.01	1.77	10.2	2	1.7	414	0.72	<0.05	13.1	0.256	1.13	3.3
M359213		25.1	113.5	<0.002	0.06	8.09	9.7	1	1.9	257	0.74	<0.05	12.2	0.251	1.47	2.9
M359214		139.0	118.0	<0.002	0.32	34.8	8.6	1	1.5	125.5	0.62	<0.05	11.7	0.212	1.94	4.1
M359215		1.6	2.1	<0.002	<0.01	0.09	0.2	<1	<0.2	40.8	<0.05	<0.05	<0.2	<0.005	0.03	0.5
M359216		26.4	118.5	<0.002	0.03	5.77	10.2	1	1.9	300	0.77	<0.05	13.2	0.254	1.37	3.2
M359217		25.3	101.0	<0.002	0.03	12.60	9.3	1	1.7	191.5	0.76	<0.05	13.3	0.247	1.17	3.5
M359218		26.5	129.0	0.002	0.18	18.35	9.5	1	1.8	133.0	0.69	<0.05	13.4	0.236	2.06	5.0
M359219		7.7	126.0	0.002	0.09	16.00	8.9	1	1.7	96.1	0.72	<0.05	12.6	0.235	1.92	6.1
M359220		14.7	113.0	<0.002	0.24	50.5	9.6	1	2.2	105.5	0.62	<0.05	10.8	0.220	1.91	5.6
M359221		18.2	105.5	0.002	0.09	15.15	11.3	<1	1.7	202	0.68	<0.05	13.5	0.272	1.51	5.2
M359222		20.9	117.0	<0.002	0.03	10.95	10.9	<1	1.8	114.0	0.72	<0.05	14.3	0.263	1.11	2.6
M359223		20.2	114.0	<0.002	0.03	10.75	11.2	1	1.9	122.0	0.68	<0.05	14.6	0.266	1.10	3.0
M359224		20.1	107.0	0.002	0.01	1.30	11.6	1	1.7	369	0.73	<0.05	13.7	0.256	1.18	5.0
M359225		18.7	100.5	0.002	0.03	5.02	9.8	1	1.7	295	0.68	<0.05	9.9	0.252	1.32	3.1
M359226		15.7	113.5	<0.002	0.24	10.40	10.1	1	1.6	198.0	0.67	<0.05	11.3	0.236	1.64	3.5
M359227		20.0	123.5	0.003	0.22	4.12	9.3	<1	1.8	202	0.60	<0.05	9.9	0.235	2.01	3.6
M359228		18.2	102.5	0.002	0.02	1.35	10.0	<1	1.7	350	0.66	<0.05	11.4	0.249	1.15	3.7
M359229		18.2	101.0	<0.002	0.01	1.72	10.6	<1	1.7	341	0.69	<0.05	11.5	0.257	1.24	3.9



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359194		69	2.4	18.7	62	34.6	<1
M359195		58	4.8	12.5	3050	36.6	10
M359196		71	2.4	17.6	67	35.2	<1
M359197		73	3.2	17.4	73	36.4	<1
M359198		71	2.7	16.8	71	34.9	<1
M359199		70	4.2	17.7	77	34.1	<1
M359200		70	4.8	17.2	70	35.5	<1
M359201		70	2.1	17.8	65	37.5	1
M359202		68	2.8	18.1	62	40.2	<1
M359203		73	5.0	19.4	69	37.6	<1
M359204		2	0.1	0.9	13	<0.5	<1
M359205		75	3.2	17.4	75	37.7	<1
M359206		69	3.1	15.5	65	35.2	1
M359207		69	5.6	17.6	64	35.5	<1
M359208		69	5.9	16.6	64	35.1	<1
M359209		73	4.0	17.2	70	35.8	1
M359210		71	2.4	16.8	61	37.4	1
M359211		58	4.8	11.8	3030	37.3	10
M359212		70	2.2	17.6	55	36.7	1
M359213		72	4.2	16.1	57	39.3	<1
M359214		60	3.1	15.6	210	31.0	1
M359215		2	0.1	0.8	13	<0.5	<1
M359216		73	4.3	15.9	64	37.8	1
M359217		65	4.8	16.0	64	37.6	<1
M359218		65	3.4	15.2	59	33.3	1
M359219		64	1.6	14.4	64	32.7	<1
M359220		70	1.7	24.0	95	30.2	<1
M359221		74	2.9	16.3	55	37.4	<1
M359222		72	2.9	16.6	50	38.2	<1
M359223		73	2.8	16.9	48	38.4	<1
M359224		71	2.4	18.1	47	41.5	<1
M359225		68	2.5	15.1	49	35.7	<1
M359226		63	3.7	14.8	44	35.9	<1
M359227		65	2.1	13.9	49	32.6	1
M359228		66	1.6	15.5	47	37.7	<1
M359229		69	2.1	16.0	49	38.8	<1



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**CERTIFICATE OF ANALYSIS WH12201232**

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



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**CERTIFICATE WH12201233**

Project: Klaza - 113

P.O. No.: Batch 4

This report is for 4 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 Account: ROCKHA

Project: Klaza - 113

**CERTIFICATE OF ANALYSIS WH12201233**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359230		3.56	<0.005	0.09	7.43	4.3	2270	1.67	0.16	2.65	0.15	52.7	7.9	11	13.25	8.3
M359231		4.93	<0.005	0.08	7.04	6.8	2110	1.87	0.16	2.55	0.12	46.3	7.3	11	16.00	12.2
M359232		2.47	<0.005	0.02	0.07	<5	20	0.10	0.03	21.3	0.06	1.25	0.6	<1	0.23	1.3
M359233		3.28	<0.005	0.12	7.95	10.6	1690	1.27	0.17	1.56	0.20	54.1	7.5	7	21.3	18.9



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Project: Klaza - 113

**CERTIFICATE OF ANALYSIS WH12201233**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359230		2.92	16.85	0.14	1.6	0.043	2.88	26.3	19.2	0.79	678	1.33	2.40	8.9	2.5	580
M359231		2.91	16.85	0.13	1.6	0.038	2.98	23.1	21.1	0.72	660	1.68	1.87	8.7	2.8	550
M359232		0.49	0.20	0.10	<0.1	0.006	0.03	0.6	1.0	12.75	230	0.12	0.01	0.1	1.7	190
M359233		3.04	16.50	0.15	1.3	0.059	2.96	27.0	77.3	0.72	1050	1.49	0.17	8.0	2.4	770



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Project: Klaza - 113

**CERTIFICATE OF ANALYSIS WH12201233**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359230		20.1	115.5	0.003	0.02	1.81	12.0	1	1.9	380	0.75	<0.05	12.7	0.263	1.19	4.5
M359231		18.5	115.0	<0.002	0.02	4.33	11.0	<1	1.8	302	0.81	<0.05	11.0	0.254	1.30	3.9
M359232		1.4	1.6	<0.002	<0.01	0.05	0.3	<1	<0.2	39.5	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M359233		16.9	119.5	0.002	0.07	18.75	11.7	<1	2.0	110.0	0.67	<0.05	12.2	0.275	1.83	4.4





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**CERTIFICATE OF ANALYSIS WH12201233**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359230		73	1.1	18.9	53	42.8	<1
M359231		69	1.1	16.8	49	41.7	<1
M359232		3	0.1	0.8	12	<0.5	<1
M359233		81	3.3	17.1	59	35.9	1



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**CERTIFICATE OF ANALYSIS WH12201233**

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



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**CERTIFICATE WH12201234**

Project: Klaza - 115

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12201234**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N814987		3.95	<0.005	0.21	7.19	46.5	2210	1.28	0.25	1.85	0.28	44.9	7.5	9	21.2	15.7
N814988		2.76	<0.005	0.36	7.22	77.8	1160	1.55	0.16	1.55	0.31	44.3	6.8	10	26.4	14.2
N814989		3.80	<0.005	0.32	6.56	151.5	2000	1.42	0.14	1.89	0.77	40.8	8.8	8	23.4	9.1
N814990		2.35	<0.005	0.03	0.07	<5	20	<0.05	0.02	20.7	0.06	1.18	0.5	<1	0.24	1.6
N814991		6.00	<0.005	0.09	7.78	14.8	1880	1.10	0.12	1.04	0.23	49.0	6.2	9	19.15	7.9
N814992		5.40	<0.005	0.30	7.09	38.5	2000	1.41	0.26	1.73	0.25	45.9	8.0	9	18.35	40.8
N814993		3.04	0.008	0.12	7.03	4.5	2080	1.67	0.12	2.53	0.15	44.5	8.0	10	15.20	31.3
N814994		5.04	<0.005	0.13	7.25	4.3	2180	1.48	0.17	2.73	0.17	46.4	7.6	11	16.95	40.1
N814995		<0.02	0.010	0.12	7.02	4.4	2120	1.49	0.15	2.72	0.18	43.5	7.6	11	16.85	32.2
N814996		8.19	<0.005	0.17	7.07	4.8	2170	1.55	0.15	2.77	0.39	42.0	7.2	14	13.25	13.3
N814997		4.53	<0.005	0.15	7.59	9.5	1650	1.23	0.25	1.22	0.16	51.5	5.4	8	14.65	15.0
N814998		3.07	<0.005	0.16	6.16	51.8	1960	1.25	0.22	1.83	0.47	39.3	8.6	29	14.15	8.6
N814999		5.58	<0.005	0.09	7.33	5.1	2150	1.57	0.14	2.44	0.09	46.9	7.3	11	16.35	11.4
N815000		5.36	<0.005	0.11	7.74	10.9	2250	1.25	0.17	1.61	0.12	52.2	8.6	11	16.10	13.0
N812801		4.75	<0.005	0.12	7.22	3.4	2160	1.81	0.24	2.61	0.43	50.4	7.7	11	14.15	11.0
N812802		2.84	<0.005	0.42	7.35	6.0	2050	1.55	0.16	2.38	0.68	50.8	7.3	10	13.95	57.3
N812803		5.23	<0.005	0.21	7.16	3.6	2060	1.56	0.30	2.67	0.11	49.0	6.9	10	10.10	10.2
N812804		6.15	<0.005	0.12	6.90	5.2	2040	1.69	0.10	2.64	0.17	46.9	7.5	13	14.05	11.2
N812805		2.65	0.016	0.49	6.29	55.8	1980	1.44	0.18	3.20	0.86	38.6	7.8	7	20.4	15.8
N812806		2.62	<0.005	<0.01	0.09	<5	40	0.10	0.04	20.2	0.06	1.22	0.6	<1	0.33	1.8
N812807		5.21	<0.005	0.12	6.99	5.0	2290	1.74	0.17	2.65	0.16	46.7	7.1	11	12.90	14.3
N812808		3.16	<0.005	0.26	7.27	9.8	2180	1.68	0.16	2.33	0.66	49.9	7.5	12	16.95	22.2
N812809		3.90	<0.005	0.24	7.24	5.8	2420	1.40	0.19	2.57	0.28	46.5	7.4	11	12.10	11.3
N812810		0.26	2.30	24.6	6.00	3600	1820	1.31	17.75	2.28	80.6	45.6	10.3	17	15.65	437
N812811		7.20	<0.005	1.57	7.34	15.0	2290	1.65	0.15	2.71	1.44	44.7	7.6	10	13.55	13.4
N812812		4.69	<0.005	0.21	7.30	6.9	2000	1.50	0.24	2.28	0.20	42.6	7.3	9	15.25	14.9
N812813		2.73	<0.005	0.09	7.51	4.2	2600	1.58	0.18	2.50	0.11	45.8	6.4	20	11.95	12.5
N812814		5.98	<0.005	0.13	7.85	3.4	2290	1.56	0.11	2.46	0.10	51.4	7.4	11	12.40	11.1
N812815		4.69	<0.005	0.15	7.65	3.6	2340	1.62	0.11	2.64	0.10	49.1	7.6	11	12.05	11.9
N812816		2.41	<0.005	0.14	7.52	4.0	2350	1.61	0.13	2.45	0.09	49.8	7.2	10	11.75	13.3
N812817		8.76	<0.005	0.12	7.46	4.2	2260	1.61	0.14	2.52	0.12	52.7	7.1	11	13.15	12.1
N812818		2.72	0.085	1.36	6.90	421	1870	1.29	0.13	1.85	0.60	43.0	6.6	8	16.65	25.6
N812819		4.70	0.017	0.36	7.22	71.5	1990	1.74	0.15	2.34	0.32	45.7	7.4	9	20.5	25.9
N812820		0.26	0.809	9.08	7.03	1960	1950	1.37	5.56	2.03	41.6	51.3	16.9	19	17.25	107.0
N812821		6.09	0.006	0.37	7.54	40.6	2250	1.44	0.13	2.81	0.15	47.3	7.2	10	13.60	60.6
N812822		2.51	<0.005	0.29	7.89	12.4	2240	1.48	0.15	2.61	0.14	44.8	8.2	10	16.35	64.1



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Account: ROCKHA

Project: Klaza - 115

**CERTIFICATE OF ANALYSIS WH12201234**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814987		2.82	16.65	0.12	1.4	0.055	3.77	22.2	45.2	0.22	1250	0.99	0.19	8.1	2.8	610
N814988		2.54	16.70	0.14	1.3	0.046	3.09	23.5	124.0	0.22	1170	1.24	0.05	7.8	2.9	590
N814989		2.54	16.90	0.18	1.5	0.046	2.90	19.7	60.4	0.24	1650	1.49	0.06	8.3	3.6	540
N814990		0.48	0.17	0.07	<0.1	<0.005	0.03	0.5	1.3	12.40	218	0.14	<0.01	0.1	1.5	180
N814991		2.71	15.90	0.13	1.4	0.036	2.95	26.3	60.5	0.22	1080	1.32	0.10	7.5	2.5	660
N814992		2.90	16.70	0.14	1.5	0.040	3.11	24.4	51.4	0.31	979	1.34	0.46	8.2	2.7	570
N814993		2.95	15.60	0.15	1.3	0.047	2.95	22.2	17.7	0.45	855	1.57	1.83	7.9	2.6	580
N814994		2.92	15.85	0.11	1.4	0.040	3.07	23.1	16.8	0.61	768	1.54	2.17	8.0	2.6	600
N814995		2.84	15.75	0.12	1.4	0.039	3.02	22.5	16.9	0.61	760	1.48	2.13	8.1	2.8	590
N814996		2.90	15.30	0.10	1.5	0.043	2.97	21.0	15.1	0.64	769	1.70	2.21	7.7	2.9	660
N814997		2.50	15.40	0.12	1.6	0.042	3.32	27.6	37.8	0.23	617	1.57	0.35	7.8	2.1	530
N814998		3.15	14.60	0.13	1.4	0.083	2.52	19.1	109.0	0.25	1380	2.73	0.06	7.2	3.9	510
N814999		2.79	16.75	0.14	1.6	0.051	2.96	23.9	36.3	0.54	584	0.99	1.80	8.2	2.7	630
N815000		3.09	17.10	0.13	1.6	0.050	3.00	25.8	30.3	0.27	944	1.76	0.50	8.4	2.9	660
N812801		2.87	15.45	0.14	1.5	0.038	2.84	25.2	20.6	0.72	662	1.09	2.24	7.9	2.7	620
N812802		2.76	16.30	0.13	1.5	0.042	2.99	26.7	23.5	0.62	723	1.50	1.83	7.8	2.8	600
N812803		2.73	15.35	0.13	1.6	0.033	2.88	25.7	17.0	0.67	688	1.14	2.17	7.8	2.6	570
N812804		2.70	16.65	0.14	1.6	0.038	2.84	23.2	20.8	0.54	741	1.50	1.73	8.4	2.7	600
N812805		2.75	14.30	0.13	1.3	0.058	3.11	19.4	23.7	0.64	1860	2.13	0.82	7.1	2.7	530
N812806		0.44	0.29	0.07	<0.1	0.005	0.05	0.6	1.4	12.15	205	0.37	0.01	0.1	1.9	160
N812807		2.72	16.25	0.11	1.3	0.055	2.99	23.7	11.5	0.65	674	2.72	2.08	7.7	2.7	600
N812808		3.04	15.90	0.16	1.5	0.053	3.02	25.3	14.5	0.49	1020	2.85	1.71	7.9	2.9	670
N812809		2.91	16.40	0.10	1.5	0.040	3.01	22.6	17.4	0.65	1080	2.40	1.65	7.9	2.5	630
N812810		6.82	13.75	0.12	1.0	1.740	2.67	25.2	26.9	0.95	1920	14.30	0.04	5.8	14.5	450
N812811		3.02	16.80	0.09	1.5	0.048	2.83	21.3	17.8	0.77	1250	2.06	2.15	8.4	2.9	640
N812812		2.99	17.00	0.09	1.7	0.043	2.82	19.8	25.8	0.52	895	2.07	1.64	8.4	2.8	660
N812813		3.24	16.50	0.09	1.6	0.088	3.22	22.0	18.7	0.71	699	2.20	2.14	8.2	2.8	630
N812814		3.11	16.05	0.12	1.5	0.038	2.96	25.6	17.9	0.72	767	1.31	2.09	8.2	2.6	670
N812815		3.06	15.95	0.13	1.5	0.039	2.85	23.8	18.5	0.81	683	1.16	2.52	8.3	2.6	660
N812816		2.95	15.85	0.12	1.5	0.039	2.84	24.7	16.9	0.73	644	1.07	2.45	8.0	2.6	640
N812817		2.94	15.15	0.11	1.5	0.040	2.99	25.6	13.2	0.70	682	1.24	2.38	7.9	2.7	630
N812818		3.13	15.35	0.13	1.4	0.044	2.98	21.1	35.9	0.50	3090	1.85	0.23	6.9	3.0	550
N812819		2.87	15.90	0.11	1.6	0.037	3.39	22.1	12.6	0.65	1500	1.65	1.31	8.5	2.5	610
N812820		5.61	15.40	0.18	1.3	0.884	3.00	26.6	25.7	0.76	2090	13.10	0.29	7.1	14.7	540
N812821		3.04	15.50	0.13	1.4	0.051	3.09	22.8	10.3	0.78	1300	1.37	2.13	7.4	2.5	650
N812822		3.09	16.45	0.12	1.6	0.045	3.14	22.0	17.9	0.65	778	1.28	1.55	7.6	2.8	690



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**CERTIFICATE OF ANALYSIS WH12201234**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814987		18.4	156.5	<0.002	0.02	21.9	10.7	<1	1.7	88.6	0.68	<0.05	12.3	0.257	2.22	2.6
N814988		33.6	151.0	<0.002	0.02	29.8	11.0	<1	1.5	136.0	0.64	<0.05	11.6	0.269	2.67	3.0
N814989		19.7	141.0	<0.002	0.04	32.1	10.7	1	1.6	89.1	0.73	<0.05	11.0	0.222	2.91	3.4
N814990		1.4	1.7	<0.002	<0.01	0.09	0.2	<1	<0.2	37.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N814991		17.8	118.5	<0.002	0.01	22.9	10.8	<1	1.5	72.6	0.62	<0.05	13.6	0.271	1.36	2.8
N814992		23.2	122.0	<0.002	0.04	24.1	11.2	<1	1.5	120.5	0.73	<0.05	12.6	0.257	1.67	3.1
N814993		22.0	108.5	<0.002	0.02	4.56	10.3	1	1.4	305	0.68	<0.05	11.6	0.253	1.08	3.0
N814994		22.5	109.5	<0.002	0.01	1.98	10.6	1	1.5	358	0.71	<0.05	12.1	0.268	1.25	2.3
N814995		21.0	110.0	<0.002	0.01	1.87	10.5	1	1.5	352	0.70	<0.05	11.2	0.265	1.10	2.1
N814996		32.3	99.7	0.002	0.02	1.71	10.4	1	1.5	365	0.66	<0.05	10.3	0.270	1.05	1.9
N814997		19.2	134.5	<0.002	<0.01	16.10	9.5	<1	1.5	95.1	0.77	<0.05	16.6	0.227	1.40	3.1
N814998		18.4	97.2	<0.002	0.03	33.6	9.5	1	1.5	104.5	0.61	<0.05	9.5	0.229	1.48	3.9
N814999		19.2	106.0	0.002	0.01	6.68	11.3	1	1.6	314	0.72	<0.05	11.9	0.261	1.25	2.5
N815000		18.8	120.5	<0.002	0.01	15.65	11.2	1	1.7	113.0	0.70	<0.05	12.8	0.275	1.30	3.4
N812801		35.6	103.5	0.002	<0.01	1.39	11.2	1	1.7	364	0.68	<0.05	11.7	0.262	1.10	2.3
N812802		32.3	113.5	<0.002	0.03	4.75	11.1	1	1.6	306	0.64	<0.05	12.8	0.255	1.20	2.2
N812803		22.1	108.0	<0.002	0.01	1.71	10.5	1	1.5	348	0.73	<0.05	12.8	0.251	1.09	2.5
N812804		22.9	107.5	<0.002	0.01	4.16	11.1	<1	1.7	297	0.68	<0.05	11.3	0.262	1.26	2.0
N812805		42.5	116.5	0.002	0.14	10.75	8.9	<1	1.5	184.5	0.63	<0.05	10.7	0.224	2.38	3.5
N812806		1.3	2.5	0.002	<0.01	0.05	0.4	<1	<0.2	39.0	<0.05	<0.05	0.2	<0.005	<0.02	0.6
N812807		22.4	110.0	0.002	0.02	2.44	11.0	1	1.7	348	0.61	<0.05	11.2	0.253	1.31	1.7
N812808		31.4	116.5	<0.002	0.05	5.59	12.1	<1	1.7	297	0.60	<0.05	12.2	0.275	1.33	2.7
N812809		54.0	101.0	0.002	0.02	5.93	10.6	1	1.7	298	0.63	<0.05	11.5	0.275	1.33	2.4
N812810		2990	156.0	0.002	4.98	93.6	7.9	1	8.1	91.3	0.49	0.40	11.0	0.186	2.48	5.5
N812811		108.5	102.5	<0.002	0.06	8.43	10.2	1	1.8	366	0.67	<0.05	11.7	0.263	1.27	2.9
N812812		21.5	99.6	<0.002	0.02	7.20	10.4	1	1.8	255	0.75	<0.05	10.9	0.270	1.22	2.9
N812813		18.6	110.5	<0.002	0.01	2.42	10.3	1	1.8	339	0.75	<0.05	11.5	0.266	1.31	3.1
N812814		17.5	115.0	<0.002	0.01	5.37	10.3	1	1.7	346	0.76	<0.05	12.3	0.284	1.09	2.6
N812815		16.6	108.5	<0.002	0.01	1.51	10.1	1	1.7	404	0.77	<0.05	11.1	0.273	0.99	1.9
N812816		16.9	106.5	<0.002	0.02	1.69	9.6	1	1.7	382	0.77	<0.05	11.2	0.268	1.02	2.0
N812817		18.0	117.0	<0.002	0.06	2.80	9.5	1	1.7	370	0.75	0.05	13.0	0.266	1.14	2.7
N812818		46.5	140.0	<0.002	0.52	38.0	8.9	1	1.5	101.5	0.65	<0.05	11.5	0.239	2.04	4.3
N812819		24.0	152.0	<0.002	0.20	11.80	9.6	1	1.7	247	0.96	<0.05	11.4	0.260	1.89	3.8
N812820		1500	169.5	0.002	3.36	38.5	8.4	2	6.0	155.5	0.65	0.30	11.9	0.223	2.32	4.9
N812821		19.8	124.5	<0.002	0.10	4.73	9.4	1	1.7	361	0.67	<0.05	11.5	0.273	1.36	2.6
N812822		18.6	119.0	<0.002	0.06	11.00	9.9	1	1.8	280	0.75	<0.05	11.3	0.288	1.40	2.5



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**CERTIFICATE OF ANALYSIS WH12201234**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N814987		74	3.7	14.8	69	40.3	1
N814988		73	5.5	13.4	67	37.1	1
N814989		67	5.9	11.8	73	42.9	1
N814990		3	0.1	0.7	13	0.5	<1
N814991		76	5.0	14.7	66	37.8	<1
N814992		73	4.3	16.5	69	39.4	1
N814993		71	2.5	15.5	60	39.7	1
N814994		75	1.5	15.7	81	39.9	<1
N814995		73	1.3	15.7	79	38.7	1
N814996		77	1.4	15.1	91	40.0	1
N814997		64	4.5	15.1	52	40.3	<1
N814998		69	4.9	15.3	107	38.0	<1
N814999		73	2.0	16.3	49	43.3	<1
N815000		77	3.3	17.6	61	47.7	1
N812801		73	1.7	17.0	81	43.1	1
N812802		71	2.1	16.7	95	40.0	1
N812803		68	1.4	16.3	55	41.0	<1
N812804		74	1.6	16.8	62	44.4	1
N812805		61	3.1	14.3	86	34.3	1
N812806		4	0.1	0.8	13	<0.5	<1
N812807		70	1.9	16.2	50	35.8	1
N812808		81	2.1	17.4	108	42.4	<1
N812809		76	2.0	16.6	72	40.2	1
N812810		59	5.3	10.0	5540	27.1	25
N812811		76	1.8	15.7	183	45.8	1
N812812		78	3.0	14.0	70	46.1	<1
N812813		76	7.1	15.6	53	41.8	<1
N812814		82	2.4	16.7	62	39.6	<1
N812815		78	1.5	16.4	57	38.3	<1
N812816		78	1.6	15.4	56	37.1	<1
N812817		77	1.7	16.1	54	39.3	<1
N812818		73	4.4	13.9	104	35.5	1
N812819		74	3.1	16.0	83	40.9	<1
N812820		63	5.4	11.3	3140	35.7	9
N812821		78	2.6	15.4	63	35.3	<1
N812822		81	2.8	14.3	60	37.5	<1



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**CERTIFICATE OF ANALYSIS WH12201234**

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





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**CERTIFICATE WH12201235**

Project: Klaza -115

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12201235**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812823		4.14	<0.005	0.32	6.88	15.0	2390	1.08	0.27	1.86	0.15	36.9	8.0	8	18.15	84.8
N812824		6.48	<0.005	0.17	7.54	6.4	2110	1.55	0.22	2.41	0.13	50.8	8.5	9	14.15	26.7
N812825		3.28	0.082	1.56	7.00	250	1310	1.23	0.34	1.44	0.59	59.5	7.6	12	13.45	10.4
N812826		3.46	<0.005	0.01	0.08	<5	20	0.06	0.02	21.0	0.06	1.46	1.1	<1	0.27	1.8
N812827		2.85	<0.005	0.20	7.28	11.0	1960	1.40	0.21	1.69	0.19	45.5	8.7	8	13.40	13.4
N812828		2.45	<0.005	0.14	7.73	20.3	2290	1.23	0.15	1.26	0.18	56.9	8.9	9	13.15	15.4
N812829		5.29	<0.005	0.17	7.07	10.1	2010	1.52	0.22	2.48	0.17	45.0	8.3	8	12.50	12.2
N812830		0.26	2.31	26.9	5.98	3210	720	1.23	19.80	2.17	76.4	47.2	12.0	18	16.25	451
N812831		8.53	<0.005	0.21	7.19	13.4	2210	1.47	0.29	2.41	0.24	46.7	7.9	10	12.25	14.5
N812832		8.45	<0.005	0.17	7.58	11.5	1970	1.42	0.33	2.26	0.18	50.7	8.4	8	13.20	16.6
N812833		7.96	<0.005	0.16	7.45	11.3	2140	1.48	0.25	2.57	0.10	50.8	8.5	9	14.30	33.4
N812834		5.39	<0.005	0.22	6.74	57.5	1480	1.35	0.27	2.46	0.14	40.9	7.4	7	14.30	18.6
N812835		2.50	0.098	2.83	6.82	206	1580	1.34	0.60	2.46	12.95	48.3	7.2	7	14.50	22.2
N812836		6.17	0.005	0.81	7.50	109.5	1500	1.36	0.24	1.27	1.32	47.5	7.5	7	18.70	22.1
N812837		2.80	0.005	0.78	7.53	118.0	1410	1.36	0.24	1.32	1.41	43.6	8.2	8	19.90	18.3
N812838		5.05	0.064	5.13	6.80	253	1670	1.49	0.83	3.37	2.71	50.3	6.0	6	24.0	15.9
N812839		4.07	<0.005	0.14	6.52	24.2	1040	1.63	0.15	2.63	0.17	44.9	6.0	28	26.1	9.2
N812840		8.82	<0.005	0.18	6.73	26.0	1300	1.80	0.07	2.89	0.07	46.8	5.7	20	33.4	4.8
N812841		0.26	4.52	>100	5.48	7740	910	1.12	57.8	1.91	217	32.5	8.9	16	11.70	1290
N812842		8.37	<0.005	0.03	6.98	20.9	1100	1.88	0.08	3.18	0.06	51.0	5.3	18	31.1	7.1
N812843		8.95	<0.005	0.05	6.60	19.4	790	1.80	0.06	3.38	0.10	50.6	5.3	24	32.9	7.4
N812844		6.66	0.023	1.76	6.48	34.6	1840	1.70	0.38	2.88	1.39	43.0	6.9	9	24.7	28.5
N812845		8.36	<0.005	0.18	6.91	13.6	1990	1.53	0.14	2.58	0.13	46.9	6.6	9	13.80	23.1
N812846		5.38	0.490	4.93	6.63	1880	1160	1.20	0.24	2.45	3.75	43.4	5.1	11	18.30	46.2
N812847		2.00	<0.005	0.01	0.07	<5	10	0.05	0.02	20.2	0.06	1.14	1.3	2	0.31	1.5
N812848		3.06	0.042	0.83	6.45	135.0	1010	1.36	0.47	2.29	1.03	51.3	5.1	11	17.35	30.6
N812849		5.02	<0.005	0.14	6.68	18.2	2100	1.29	0.17	2.45	0.12	45.7	8.0	11	12.95	39.2
N812850		3.37	0.009	0.34	6.34	77.7	1980	1.11	0.27	2.18	0.23	37.8	14.7	11	13.35	111.5
N812851		<0.02	0.014	0.39	6.69	94.0	1900	1.15	0.49	2.15	0.23	39.8	15.8	8	13.55	117.0
N812852		2.85	0.074	3.31	6.26	532	1090	1.31	1.03	3.36	5.85	47.2	8.6	7	23.2	130.0
N812853		6.26	<0.005	0.13	6.82	12.3	2060	1.33	0.13	2.55	0.14	44.5	7.6	11	13.75	27.4
N812854		7.74	<0.005	0.17	7.10	12.8	2000	1.32	0.27	2.29	0.13	43.9	5.8	10	12.40	19.2
N812855		3.55	0.005	0.19	7.13	41.4	1970	1.26	0.24	2.72	0.13	45.4	6.9	9	11.70	12.5
N812856		2.52	0.075	0.67	6.68	233	2030	1.15	0.64	2.73	2.36	40.4	8.2	8	15.90	19.4
N812857		4.54	<0.005	0.12	7.15	11.6	2130	1.33	0.24	2.68	0.12	44.0	6.3	15	17.25	18.2
N812858		2.66	0.006	0.24	6.42	23.8	1950	1.22	0.24	3.42	0.28	41.7	8.2	12	20.3	7.5



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Account: ROCKHA

Project: Klaza -115

**CERTIFICATE OF ANALYSIS WH12201235**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812823		2.76	15.85	0.13	1.2	0.051	3.05	18.9	19.4	0.64	831	1.42	0.62	8.0	2.8	560
N812824		2.90	20.4	0.14	1.7	0.047	2.77	26.4	13.2	0.74	638	1.66	2.30	11.1	3.5	580
N812825		2.48	18.25	0.17	1.6	0.122	3.16	33.3	25.6	0.51	1380	2.41	0.46	10.1	2.7	470
N812826		0.50	0.32	0.11	<0.1	<0.005	0.03	0.7	0.7	13.40	208	0.05	0.01	0.4	3.1	180
N812827		2.97	19.85	0.19	1.7	0.054	3.04	23.0	23.1	0.43	723	2.04	0.91	10.1	3.1	570
N812828		2.95	20.5	0.18	1.7	0.051	2.91	31.3	27.1	0.42	745	1.66	0.57	10.9	3.1	610
N812829		2.90	20.0	0.18	1.6	0.053	2.75	22.8	12.6	0.72	688	1.71	2.17	10.7	3.2	570
N812830		6.56	17.30	0.23	0.9	1.720	2.59	26.5	23.9	0.93	1860	14.00	0.04	7.3	17.2	430
N812831		3.10	19.75	0.17	1.6	0.063	2.90	23.6	13.6	0.74	749	1.86	2.08	10.5	3.4	590
N812832		3.20	20.4	0.19	1.5	0.057	2.88	26.5	16.7	0.78	770	2.22	1.93	10.4	3.6	630
N812833		3.05	19.65	0.19	1.6	0.044	2.83	26.5	12.8	0.81	675	1.51	2.26	9.9	3.4	600
N812834		2.96	18.85	0.17	1.4	0.091	2.76	20.5	16.6	0.87	1020	1.60	1.23	9.7	3.2	570
N812835		3.13	17.85	0.19	1.4	0.309	2.51	26.1	18.3	0.92	1330	1.47	1.31	9.5	3.6	530
N812836		2.75	20.3	0.18	1.4	0.045	3.53	25.1	23.6	0.53	1600	2.15	0.31	10.0	3.1	610
N812837		2.80	20.8	0.18	1.4	0.045	3.60	22.1	26.1	0.54	1680	2.11	0.31	10.6	3.3	640
N812838		2.96	17.95	0.19	1.3	0.109	3.36	28.5	13.2	1.01	3670	3.62	0.03	8.8	4.0	540
N812839		2.02	22.7	0.16	3.9	0.023	2.49	22.2	73.9	0.83	549	0.85	0.06	10.9	21.4	580
N812840		2.13	20.5	0.14	2.7	0.023	2.65	23.6	58.2	0.86	511	0.63	0.12	10.8	14.0	700
N812841		8.02	13.60	0.19	1.0	4.42	2.25	16.8	31.1	0.64	2950	14.70	0.07	6.1	13.0	430
N812842		2.11	20.2	0.16	2.5	0.033	2.84	25.8	31.0	0.83	505	0.58	0.17	9.4	12.0	750
N812843		2.11	19.70	0.17	3.3	0.029	2.45	26.3	114.0	0.96	513	1.10	0.34	9.8	16.3	660
N812844		2.65	16.70	0.18	1.5	0.063	3.12	23.4	26.1	0.84	1430	1.38	0.92	8.8	6.0	570
N812845		2.87	16.35	0.15	1.5	0.045	2.84	24.0	15.0	0.79	891	1.74	1.99	8.3	3.0	610
N812846		2.94	13.75	0.10	1.1	0.093	3.38	22.6	16.9	0.75	5570	2.07	0.04	6.6	2.3	520
N812847		0.46	0.22	<0.05	<0.1	0.005	0.03	0.5	0.9	12.65	209	0.06	0.01	0.2	3.0	160
N812848		2.47	14.25	0.10	1.6	0.196	3.95	26.3	14.4	0.71	2450	2.92	0.11	7.5	1.8	460
N812849		2.72	15.00	0.09	1.6	0.045	3.00	22.9	10.1	0.70	633	1.58	2.02	8.6	2.6	560
N812850		2.75	14.90	0.09	1.5	0.133	2.98	18.6	29.2	0.67	822	2.04	1.36	8.4	2.6	580
N812851		2.76	15.25	0.10	1.6	0.141	3.00	20.0	30.4	0.70	808	2.29	1.35	8.7	2.5	590
N812852		3.04	13.80	0.12	1.4	0.328	2.91	26.9	22.0	1.12	2210	8.94	0.06	7.6	3.0	510
N812853		2.93	15.70	0.11	1.6	0.043	2.87	22.0	12.8	0.74	643	1.44	2.06	8.8	2.8	610
N812854		3.07	15.45	0.10	1.5	0.067	2.97	22.5	12.3	0.76	646	2.50	2.30	8.6	2.9	600
N812855		3.00	15.90	0.10	1.3	0.052	2.95	22.5	13.1	0.81	1180	1.65	1.93	8.8	2.7	600
N812856		2.89	14.90	0.10	1.4	0.104	3.44	20.5	17.5	0.82	1640	1.06	0.82	8.8	2.6	560
N812857		3.29	16.70	0.11	1.9	0.096	2.86	20.5	12.5	0.87	767	1.41	2.46	10.5	5.3	730
N812858		3.19	15.25	0.09	1.9	0.084	3.24	20.5	19.3	1.04	1220	2.76	0.85	9.3	4.8	620



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**CERTIFICATE OF ANALYSIS WH12201235**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N812823		19.4	116.0	<0.002	0.07	21.7	10.6	1	1.5	132.5	0.53	<0.05	10.9	0.240	4.7
N812824		23.2	124.0	<0.002	0.01	2.15	12.7	1	1.9	350	0.80	<0.05	15.1	0.250	4.6
N812825		70.8	148.5	<0.002	0.27	21.0	11.4	1	1.9	106.5	0.82	<0.05	19.7	0.215	4.0
N812826		1.3	2.0	<0.002	<0.01	<0.05	0.4	1	<0.2	49.4	<0.05	<0.05	0.2	<0.005	0.5
N812827		24.5	123.5	<0.002	0.03	14.35	12.1	1	1.9	166.5	0.76	<0.05	13.7	0.257	3.1
N812828		23.6	132.5	<0.002	0.03	20.9	14.4	1	1.9	105.5	0.75	<0.05	17.0	0.269	3.5
N812829		26.2	111.0	<0.002	0.01	3.66	13.0	1	1.9	340	0.75	<0.05	12.9	0.253	3.6
N812830		2790	166.0	<0.002	4.72	88.0	9.6	2	8.8	97.1	0.50	0.37	11.2	0.178	5.4
N812831		25.3	113.5	<0.002	0.03	5.08	12.9	1	2.1	324	0.73	<0.05	12.4	0.263	3.6
N812832		27.0	117.0	<0.002	0.02	7.75	14.3	1	2.2	303	0.70	<0.05	14.1	0.274	3.8
N812833		22.6	114.0	<0.002	0.03	2.20	13.5	1	2.1	364	0.70	<0.05	14.7	0.261	4.2
N812834		18.4	109.0	<0.002	0.12	6.85	12.7	1	1.9	203	0.64	<0.05	11.6	0.247	4.8
N812835		573	120.5	<0.002	0.73	11.35	11.7	1	2.2	245	0.72	<0.05	13.9	0.229	6.5
N812836		58.3	155.0	<0.002	0.35	14.95	13.9	1	2.1	129.5	0.71	<0.05	14.7	0.261	4.3
N812837		59.3	148.5	<0.002	0.33	14.65	14.3	1	2.4	136.5	0.75	<0.05	14.1	0.272	4.7
N812838		577	185.0	<0.002	1.15	14.95	11.8	1	2.7	202	0.62	<0.05	14.5	0.228	8.0
N812839		59.4	64.6	<0.002	0.03	6.50	7.2	1	1.7	573	0.75	<0.05	9.1	0.259	4.0
N812840		19.3	74.3	<0.002	0.03	3.45	6.6	1	1.6	709	0.71	<0.05	8.9	0.269	2.9
N812841		9480	126.0	<0.002	6.99	214	7.4	2	8.9	123.5	0.43	0.45	8.9	0.180	5.4
N812842		18.3	97.0	<0.002	0.02	2.83	6.5	1	1.7	765	0.70	<0.05	9.6	0.262	2.8
N812843		17.2	86.1	<0.002	0.01	3.49	6.1	1	1.6	682	0.68	<0.05	9.4	0.262	3.3
N812844		107.5	139.0	<0.002	0.10	7.39	10.3	1	2.6	377	0.66	<0.05	12.1	0.235	3.1
N812845		21.4	112.5	<0.002	0.07	3.00	10.9	1	1.7	386	0.74	<0.05	13.2	0.249	4.0
N812846		244	186.5	<0.002	1.66	43.5	8.8	1	2.1	128.5	0.57	<0.05	12.6	0.220	4.6
N812847		1.3	2.2	<0.002	0.02	0.08	0.3	1	<0.2	41.7	<0.05	<0.05	<0.2	<0.005	0.4
N812848		63.0	184.5	<0.002	0.60	12.35	8.2	1	1.7	129.0	0.86	<0.05	16.8	0.190	6.3
N812849		19.1	107.0	<0.002	0.10	2.41	8.8	1	1.8	342	0.74	<0.05	12.2	0.245	3.8
N812850		11.8	103.0	<0.002	0.23	26.0	8.7	1	2.0	225	0.73	<0.05	10.1	0.246	3.2
N812851		11.9	115.0	<0.002	0.25	27.1	9.2	1	2.0	224	0.71	<0.05	10.8	0.251	3.2
N812852		377	173.0	<0.002	1.09	47.0	8.4	1	2.2	147.0	0.62	0.09	12.1	0.206	5.6
N812853		20.1	100.5	<0.002	0.06	3.03	9.4	1	1.9	353	0.70	<0.05	11.5	0.257	3.5
N812854		17.2	110.0	<0.002	0.03	3.30	9.7	1	1.8	375	0.68	<0.05	10.9	0.256	3.3
N812855		18.6	112.0	<0.002	0.14	4.01	9.7	1	1.7	356	0.64	<0.05	10.4	0.261	3.3
N812856		63.6	142.0	<0.002	0.32	13.70	8.5	1	1.9	198.0	0.71	0.05	10.8	0.247	3.8
N812857		15.1	97.5	<0.002	0.03	4.73	10.5	1	2.3	401	0.78	<0.05	9.4	0.302	3.9
N812858		19.6	107.5	<0.002	0.18	6.19	8.7	1	2.0	248	0.71	<0.05	10.5	0.254	4.0



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**CERTIFICATE OF ANALYSIS WH12201235**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812823		65	2.1	14.3	57	35.5	1	
N812824		67	1.3	20.2	51	49.0	<1	
N812825		58	3.1	16.4	116	43.0	2	
N812826		3	0.1	1.0	12	<0.5	<1	
N812827		67	3.9	17.1	62	47.5	1	
N812828		71	5.3	19.9	59	50.3	1	
N812829		67	1.9	18.2	56	45.9	1	
N812830		55	5.3	11.1	5250	26.2	26	
N812831		69	2.0	17.7	62	46.7	1	
N812832		74	2.3	19.4	61	45.4	1	
N812833		70	2.0	18.6	52	48.0	1	
N812834		65	1.9	15.8	58	44.1	<1	
N812835		62	2.5	17.5	1340	41.8	3	
N812836		68	3.8	16.5	138	43.0	1	
N812837		73	3.8	15.6	138	43.0	1	
N812838		59	3.0	18.4	245	40.7	5	
N812839		49	1.4	11.2	59	146.5	1	
N812840		48	1.1	11.6	57	95.8	1	
N812841		52	4.3	9.5	>10000	30.8	115	1.615
N812842		50	1.0	11.8	56	85.4	1	
N812843		48	0.8	12.2	56	129.0	1	
N812844		60	2.2	16.2	125	47.9	2	
N812845		68	2.6	16.2	44	42.5	1	
N812846		60	5.4	12.9	439	32.0	6	
N812847		2	0.1	0.8	12	<0.5	<1	
N812848		51	3.6	14.3	125	42.4	1	
N812849		67	2.0	15.4	44	42.4	<1	
N812850		69	2.8	12.9	65	41.0	1	
N812851		70	2.9	14.1	66	44.0	1	
N812852		59	7.1	15.6	481	39.5	3	
N812853		72	1.0	16.2	49	45.2	<1	
N812854		71	1.8	15.8	57	41.8	<1	
N812855		73	2.0	16.2	50	35.3	<1	
N812856		64	3.6	12.8	379	39.4	1	
N812857		86	2.2	16.8	58	57.5	<1	
N812858		72	1.9	14.9	74	57.7	<1	



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**CERTIFICATE OF ANALYSIS WH12201235**

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



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**CERTIFICATE WH12201236**

Project: Klaza - 115

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12201236**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N814754		4.54	<0.005	0.13	7.08	10.9	2380	1.51	0.16	2.97	0.10	42.0	7.7	21	14.25	7.7
N812859		3.28	0.072	1.99	7.67	297	1220	1.56	0.33	2.85	2.34	47.0	7.7	15	23.3	15.0
N812860		2.56	<0.005	<0.01	0.06	<5	20	0.05	0.01	21.3	0.06	1.27	1.5	<1	0.18	1.8
N812861		4.52	0.076	0.99	7.05	33.2	1960	1.44	2.57	3.48	2.42	48.6	9.6	18	19.75	69.8
N812862		3.83	<0.005	0.19	7.07	8.8	2200	1.48	0.14	2.99	0.12	49.2	10.5	23	13.55	22.5
N812863		0.26	4.53	>100	5.52	8660	1490	1.22	63.1	2.01	238	44.1	9.4	17	12.10	1270
N812864		6.78	<0.005	0.40	6.91	25.0	2100	1.56	0.36	2.58	0.23	43.2	19.4	21	17.30	56.1
N812865		2.48	0.005	0.34	7.24	41.7	2570	1.59	1.10	3.30	0.18	47.0	11.2	19	23.3	58.0
N812866		2.82	0.589	1.57	7.37	1320	2650	1.74	0.28	3.47	6.36	48.9	10.8	14	27.5	87.8
N812867		1.81	<0.005	0.20	7.27	31.1	900	1.91	0.17	3.63	0.36	51.3	5.6	14	12.40	8.5
N812868		0.76	0.008	0.17	6.80	58.7	880	1.74	0.17	3.04	0.30	46.4	4.9	13	11.35	7.9
N812869		2.49	0.325	4.53	6.78	651	2170	1.55	0.24	3.81	20.6	44.2	10.1	13	22.9	50.7
N812870		2.60	0.016	0.55	7.20	35.7	2680	1.45	0.14	2.96	1.08	41.5	8.2	18	17.80	47.4
N812871		2.33	0.109	4.87	7.16	289	1770	1.48	1.21	2.86	6.65	44.7	11.0	18	19.00	151.5
N812872		3.79	<0.005	0.34	7.60	11.7	2000	1.42	0.64	2.75	0.16	51.8	10.1	22	14.95	89.6
N812873		2.49	0.061	5.93	7.72	201	1720	1.71	3.39	2.54	4.99	51.8	11.0	20	16.20	283
N812874		4.52	0.005	0.43	7.85	12.9	2610	1.42	0.30	2.92	0.17	48.5	10.7	13	10.35	201
N812875		2.44	0.005	0.37	8.52	15.1	2110	1.13	0.28	1.09	0.12	50.3	10.9	12	12.55	206
N812876		<0.02	0.007	0.38	7.27	14.4	2030	1.09	0.26	1.00	0.10	29.7	10.2	12	11.45	205
N812877		2.64	0.025	1.93	6.82	81.1	1710	1.40	0.53	2.39	0.68	42.8	11.9	9	15.05	592
N812878		3.05	0.028	0.67	7.21	10.7	2220	1.38	0.44	2.75	0.14	45.8	12.6	10	9.92	530
N812879		6.35	0.006	0.40	7.38	11.0	2120	1.49	0.29	2.82	0.14	45.0	10.6	14	10.80	210
N812880		2.97	0.006	0.20	7.35	15.1	1390	1.67	1.73	6.77	0.15	47.1	4.4	8	27.8	13.3
N812881		4.56	0.008	0.43	7.52	24.9	2350	1.45	0.27	2.54	0.29	43.9	9.4	12	13.35	284
N812882		5.10	0.089	2.45	7.12	257	1720	1.46	1.62	2.20	3.58	42.9	9.7	9	22.7	313
N812883		4.16	0.051	1.72	7.07	408	2040	1.30	0.43	2.53	3.24	44.4	17.4	14	13.65	320
N812884		3.08	<0.005	0.01	0.09	<5	20	0.07	0.03	22.0	0.06	1.32	1.1	<1	0.43	2.1
N812885		4.62	0.019	0.47	6.85	52.6	1280	1.48	0.46	2.50	0.66	39.4	9.1	12	22.6	91.6
N812886		6.10	<0.005	0.29	7.59	10.2	2270	1.57	0.29	2.83	0.16	46.3	8.4	11	15.60	276
N812887		7.12	0.005	0.28	7.53	9.6	2300	1.54	0.26	2.87	0.14	42.2	8.7	14	14.30	251
N812888		3.18	<0.005	0.66	7.11	46.5	1400	1.50	0.23	3.13	0.50	44.8	9.2	11	20.9	101.5
N812889		5.89	<0.005	0.14	7.68	8.2	2340	1.56	0.42	2.77	0.12	45.1	7.8	17	12.05	83.1
N812890		0.26	2.29	26.3	6.07	3680	1870	1.29	20.2	2.36	80.2	45.7	10.7	18	15.70	449
N812891		8.09	0.005	0.32	7.66	12.4	2420	1.57	0.26	2.68	0.14	45.5	10.0	12	10.15	187.5
N812892		3.16	0.079	1.14	7.11	207	1990	1.48	0.43	2.78	1.26	44.6	11.3	15	14.30	35.5
N812893		6.01	0.005	0.15	7.22	9.6	2240	1.59	0.15	2.71	0.08	42.8	7.8	11	11.35	74.8





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Account: ROCKHA

Project: Klaza - 115

**CERTIFICATE OF ANALYSIS WH12201236**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N814754		3.23	15.75	0.11	1.2	0.056	3.00	20.2	12.4	0.78	734	1.84	1.87	7.9	2.7	600
N812859		3.79	16.70	0.13	1.6	0.131	3.60	22.6	18.7	0.87	2960	2.33	0.15	8.6	3.6	700
N812860		0.49	0.23	0.10	<0.1	<0.005	0.02	0.6	0.8	12.95	224	0.11	0.01	0.4	3.0	220
N812861		3.71	16.10	0.14	2.3	0.069	3.34	23.0	31.1	1.09	1800	2.89	0.78	9.6	4.5	870
N812862		3.28	15.60	0.13	1.8	0.052	2.92	24.0	7.7	1.00	809	2.83	2.11	8.3	4.3	760
N812863		8.12	13.40	0.22	1.1	4.53	2.33	23.4	34.7	0.66	3170	16.70	0.09	5.6	13.2	450
N812864		2.59	15.40	0.11	1.3	0.107	3.28	21.2	20.0	0.75	761	2.56	1.46	7.9	2.5	560
N812865		3.24	18.00	0.12	1.2	0.194	3.32	23.9	17.7	1.06	1090	1.90	0.77	7.3	2.6	560
N812866		3.03	15.75	0.13	1.1	0.097	3.33	25.4	20.5	1.10	2630	10.35	0.23	7.3	2.9	550
N812867		2.77	19.15	0.12	3.5	0.032	2.24	24.7	53.9	0.71	881	0.95	0.21	10.7	4.4	1020
N812868		2.51	17.90	0.12	3.8	0.029	2.33	21.8	50.5	0.64	793	0.71	0.12	9.7	4.1	990
N812869		3.06	14.90	0.12	1.1	0.066	2.99	21.6	16.5	0.97	2870	2.93	1.17	7.2	2.9	580
N812870		3.06	16.40	0.12	1.1	0.046	2.92	20.2	9.0	0.75	823	2.13	2.08	8.1	2.9	640
N812871		3.42	16.55	0.14	1.1	0.177	2.95	22.2	31.3	0.99	1360	8.42	0.77	7.2	3.5	590
N812872		3.40	17.50	0.14	2.0	0.062	2.97	24.4	37.5	0.95	899	1.96	1.20	9.5	7.8	760
N812873		4.05	17.20	0.16	1.9	0.107	3.37	24.2	17.4	0.91	3160	2.76	1.02	9.5	6.9	720
N812874		3.17	16.95	0.14	1.1	0.077	2.97	23.8	13.5	0.91	646	2.17	2.37	8.6	2.9	650
N812875		2.81	17.15	0.13	1.1	0.075	3.05	26.0	40.9	0.49	696	5.06	0.24	8.0	2.6	700
N812876		2.64	16.55	0.12	1.1	0.072	2.94	13.3	39.1	0.41	662	1.85	0.23	7.8	2.4	650
N812877		2.98	16.00	0.14	1.0	0.089	2.86	21.3	70.1	0.74	1160	1.66	0.78	7.7	2.9	580
N812878		3.03	15.55	0.12	1.0	0.093	2.91	22.3	12.5	0.84	635	2.00	2.19	8.0	2.6	610
N812879		2.98	16.25	0.14	1.2	0.088	3.07	22.1	14.1	0.81	733	2.71	2.16	8.4	2.8	610
N812880		4.69	21.1	0.15	1.1	0.281	2.22	23.1	28.1	0.82	1580	0.85	1.84	8.4	2.3	670
N812881		2.81	15.80	0.10	1.1	0.068	2.96	21.2	26.5	0.78	657	2.47	1.97	8.3	2.8	610
N812882		3.15	15.35	0.11	1.0	0.153	2.74	21.0	48.7	0.78	1230	12.40	0.50	7.9	3.2	580
N812883		3.33	14.05	0.10	0.9	0.130	2.54	23.1	107.5	0.93	2280	1.96	0.03	7.6	2.8	580
N812884		0.49	0.24	<0.05	<0.1	<0.005	0.04	0.6	1.3	12.95	220	0.18	0.01	0.2	2.8	170
N812885		2.75	16.05	0.08	1.0	0.080	2.54	18.8	75.2	0.80	961	3.49	0.66	8.3	2.7	560
N812886		3.07	16.15	0.09	1.0	0.076	2.84	22.3	19.4	0.87	583	4.11	2.25	8.8	2.7	630
N812887		3.08	16.20	0.09	1.0	0.076	2.82	20.1	19.0	0.80	591	1.74	2.29	8.4	3.0	620
N812888		2.94	14.50	0.09	0.9	0.056	2.66	23.1	72.7	1.05	1370	1.65	0.08	7.5	2.8	530
N812889		3.07	15.85	0.10	1.0	0.048	2.82	21.6	19.0	0.84	597	2.10	2.37	8.4	2.6	620
N812890		6.91	13.20	0.13	0.8	1.740	2.73	25.2	26.4	0.95	1980	14.65	0.04	6.0	15.1	460
N812891		3.10	16.00	0.10	1.0	0.060	2.97	21.9	17.9	0.85	815	1.61	2.39	8.5	3.0	630
N812892		3.20	15.25	0.11	1.0	0.095	3.07	21.7	31.4	0.79	3000	2.26	1.49	8.0	2.7	580
N812893		2.94	15.70	0.11	1.1	0.053	2.91	20.7	16.2	0.78	684	1.70	2.18	8.3	2.9	590



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**CERTIFICATE OF ANALYSIS WH12201236**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N814754		15.5	113.5	<0.002	0.06	3.75	8.9	1	1.8	360	0.69	<0.05	10.1	0.272	1.37	3.2
N812859		62.8	157.0	<0.002	2.05	26.6	10.8	1	2.5	152.0	0.77	<0.05	11.5	0.288	2.80	8.3
N812860		1.0	1.3	<0.002	<0.01	<0.05	0.2	1	<0.2	38.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812861		168.0	125.0	<0.002	0.24	13.95	11.2	1	2.1	285	0.98	<0.05	11.0	0.312	1.98	4.7
N812862		31.8	108.5	<0.002	0.06	2.74	10.7	1	1.9	424	0.75	<0.05	11.9	0.296	1.20	3.9
N812863		>10000	155.0	<0.002	7.35	231	7.4	3	8.9	133.5	0.46	0.54	10.9	0.189	2.20	5.8
N812864		17.1	137.5	<0.002	0.18	6.93	8.8	2	2.1	275	0.73	<0.05	11.8	0.240	1.74	3.8
N812865		12.9	138.5	<0.002	0.26	13.25	8.5	2	2.6	216	0.69	<0.05	11.4	0.251	2.29	4.8
N812866		38.3	140.5	<0.002	0.74	35.7	8.8	2	2.6	204	0.67	0.05	12.2	0.245	2.24	4.3
N812867		16.7	55.4	<0.002	0.05	15.05	4.5	1	1.6	208	0.82	0.05	7.9	0.326	1.16	3.9
N812868		15.2	52.8	<0.002	0.06	15.90	3.8	1	1.4	179.5	0.86	<0.05	7.0	0.309	1.19	3.6
N812869		95.9	119.0	<0.002	0.82	21.7	8.3	2	2.0	302	0.59	0.06	10.5	0.252	1.87	3.9
N812870		16.4	109.5	<0.002	0.14	4.34	9.8	2	1.8	401	0.59	<0.05	9.3	0.279	1.27	2.9
N812871		725	110.0	<0.002	0.61	36.8	9.0	2	2.1	234	0.66	0.10	10.3	0.265	1.77	4.1
N812872		17.1	105.5	<0.002	0.10	12.25	11.6	2	2.3	289	0.81	<0.05	11.7	0.344	1.33	3.5
N812873		335	153.0	<0.002	1.70	54.5	11.2	2	3.4	228	0.80	0.05	12.2	0.301	2.12	4.3
N812874		17.0	110.5	<0.002	0.21	2.21	9.9	2	2.6	424	0.67	0.05	12.4	0.288	1.11	3.3
N812875		14.4	132.5	<0.002	0.21	28.0	10.8	2	2.3	97.0	0.70	<0.05	15.0	0.308	1.32	4.2
N812876		14.0	107.0	<0.002	0.20	27.6	8.9	2	2.2	91.7	0.71	<0.05	9.8	0.300	1.34	3.9
N812877		26.8	125.5	<0.002	0.37	118.0	9.6	2	2.1	206	0.62	0.05	10.7	0.252	1.56	3.2
N812878		16.5	113.0	<0.002	0.22	3.28	9.4	2	2.1	383	0.65	0.06	11.2	0.275	1.25	3.3
N812879		15.2	122.0	<0.002	0.11	4.94	9.3	2	2.1	361	0.69	<0.05	11.5	0.280	1.33	3.8
N812880		17.0	94.3	<0.002	0.06	18.10	8.7	1	4.4	408	0.75	<0.05	10.5	0.284	1.46	4.3
N812881		26.7	110.0	<0.002	0.22	9.03	10.4	2	2.8	369	0.69	<0.05	11.3	0.266	1.22	4.3
N812882		250	108.5	0.002	0.72	52.3	10.3	2	2.3	163.5	0.67	0.12	11.5	0.257	1.60	6.6
N812883		125.5	113.5	<0.002	0.91	112.5	10.0	2	2.1	107.0	0.64	0.06	12.3	0.248	1.82	13.2
N812884		1.8	2.2	<0.002	0.01	0.20	0.4	1	<0.2	38.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N812885		47.0	99.9	<0.002	0.23	21.0	9.9	1	1.9	225	0.73	<0.05	11.2	0.245	1.70	5.0
N812886		17.1	110.0	<0.002	0.16	3.86	11.1	2	2.1	392	0.73	<0.05	12.7	0.276	1.18	4.7
N812887		17.4	101.5	<0.002	0.17	2.46	10.4	2	2.1	395	0.70	<0.05	11.1	0.271	1.12	4.2
N812888		19.7	116.5	<0.002	0.27	42.5	9.9	1	2.1	142.5	0.58	<0.05	10.9	0.244	2.00	5.8
N812889		17.4	101.5	<0.002	0.10	1.70	10.5	1	1.9	418	0.69	<0.05	11.4	0.267	1.06	3.8
N812890		3040	163.0	<0.002	5.04	91.0	8.2	1	8.0	88.7	0.48	0.38	11.0	0.192	2.14	5.3
N812891		19.8	105.5	<0.002	0.16	1.69	10.6	1	2.0	426	0.71	<0.05	12.0	0.271	1.15	4.1
N812892		93.3	123.0	<0.002	0.50	25.5	10.2	1	2.2	292	0.70	<0.05	11.7	0.250	1.59	4.7
N812893		16.6	105.5	<0.002	0.09	2.49	10.3	1	1.9	381	0.68	<0.05	11.2	0.259	1.17	4.0



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**CERTIFICATE OF ANALYSIS WH12201236**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N814754		74	2.0	13.4	51	30.4	<1		
N812859		90	6.2	14.4	214	40.4	2		
N812860		2	0.1	0.8	14	<0.5	<1		
N812861		108	5.0	17.3	284	59.8	<1		
N812862		96	2.1	17.1	56	51.4	<1		
N812863		56	4.5	10.6	>10000	33.1	120	0.974	1.650
N812864		67	2.7	13.2	65	33.9	<1		
N812865		85	2.7	15.5	67	31.9	<1		
N812866		70	3.4	14.1	512	29.9	1		
N812867		55	1.9	8.4	96	124.0	<1		
N812868		49	1.9	6.9	88	117.0	<1		
N812869		70	1.9	13.1	1470	27.6	5		
N812870		79	1.3	14.7	113	30.0	<1		
N812871		77	4.8	13.0	562	23.5	5		
N812872		96	2.1	18.2	64	57.5	<1		
N812873		85	6.0	19.0	623	57.0	5		
N812874		81	1.4	17.0	52	27.2	<1		
N812875		82	5.5	15.0	40	25.5	<1		
N812876		80	5.6	10.1	39	24.2	<1		
N812877		74	3.8	14.2	95	24.4	1		
N812878		77	1.8	15.7	50	24.7	<1		
N812879		77	2.3	15.4	51	28.4	1		
N812880		99	5.3	19.3	54	25.9	<1		
N812881		74	1.9	15.6	56	29.0	<1		
N812882		74	4.9	14.2	274	28.3	3		
N812883		72	5.0	13.6	238	24.8	2		
N812884		3	1.6	0.8	14	0.5	<1		
N812885		72	3.2	13.6	86	27.8	1		
N812886		78	1.6	16.2	51	27.6	1		
N812887		75	2.4	15.0	51	28.1	<1		
N812888		70	4.2	15.6	78	25.6	<1		
N812889		76	1.4	15.5	47	27.4	1		
N812890		61	5.3	10.1	5710	24.6	25		
N812891		75	1.6	15.3	53	28.5	1		
N812892		70	2.2	14.9	207	26.9	1		
N812893		73	1.3	14.7	45	29.9	<1		



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Project: Klaza - 115

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**CERTIFICATE OF ANALYSIS WH12201236**

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



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**CERTIFICATE WH12201237**

Project: Klaza - 115

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12201237**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
N812930		5.45	>10.0	13.75	>100	4.32	>10000	280	0.98	2.97	2.05	184.5	29.9	8.5	10	12.30
N812931		3.19	<0.005		0.02	0.08	<5	20	0.06	0.05	20.2	0.11	1.21	1.2	<1	0.33
N812932		3.53	0.018		0.93	6.63	59.6	1330	1.32	0.83	2.66	3.15	51.4	16.5	10	18.05
N812933		5.90	0.088		0.83	6.23	94.7	1050	1.40	1.03	3.04	0.70	50.1	15.2	10	20.0
N812934		4.58	0.556		1.21	7.03	93.1	1230	1.41	0.27	2.23	0.58	49.4	10.1	14	20.9
N812935		3.50	0.009		0.63	7.07	34.2	2000	1.73	0.39	2.40	0.16	51.1	9.2	13	26.5
N812936		1.34	0.008		0.61	7.10	41.1	2000	1.80	0.24	2.29	0.19	46.8	7.9	13	28.0
N812937		2.26	0.030		1.08	6.56	108.5	1790	1.47	0.41	2.59	0.28	44.2	10.0	12	21.9
N812938		1.69	0.010		0.79	7.00	69.0	1010	1.62	0.32	2.78	0.48	52.1	9.0	13	33.3
N812939		3.59	0.005		0.42	6.90	50.4	2720	1.71	0.30	2.31	0.26	43.9	7.6	15	31.5
N812940		3.00	0.016		2.65	6.98	142.5	3270	2.22	0.50	2.53	18.10	53.8	9.9	10	34.4
N812941		4.07	<0.005		0.29	7.72	57.2	600	1.97	0.10	2.80	0.36	80.6	10.3	42	40.7
N812942		2.80	0.391		4.54	6.07	530	320	1.37	1.63	1.73	10.80	44.5	22.3	13	13.40
N812943		6.08	<0.005		0.34	7.02	18.1	2150	1.73	0.19	2.54	0.81	48.1	7.7	12	18.65
N812944		0.23	4.37		>100	5.51	6460	1020	1.37	64.0	2.01	231	34.9	10.3	17	12.70
N812945		2.44	<0.005		0.15	7.20	7.1	2130	1.63	0.14	2.51	0.17	44.8	8.0	14	18.45
N812946		6.65	<0.005		0.14	7.68	6.1	2320	1.78	0.13	2.70	0.13	56.6	7.7	11	13.15
N812947		5.35	<0.005		0.15	6.54	13.1	3670	1.62	0.30	2.97	0.14	42.9	8.0	19	19.80
N812948		2.42	<0.005		0.01	0.11	<5	40	0.09	0.02	20.9	0.06	1.43	1.7	<1	0.47
N812949		4.35	0.012		0.20	6.93	26.0	840	1.26	0.52	2.85	0.19	44.4	10.2	12	13.25
N812950		6.35	<0.005		0.15	7.57	16.2	1630	1.23	0.19	1.81	0.13	52.7	8.9	10	19.25
N812951		6.80	<0.005		0.16	6.48	13.3	3880	1.40	0.55	2.92	0.06	42.6	19.0	14	11.35
N812952		7.74	<0.005		0.11	7.30	6.7	4360	1.56	0.26	2.68	0.10	51.5	7.2	13	12.90
N812953		0.23	2.30		25.0	5.97	2650	1270	1.39	20.3	2.23	80.4	45.2	11.1	17	16.25
N812954		7.40	0.015		0.14	7.39	5.7	2270	1.71	0.20	2.66	0.15	52.1	7.3	14	6.43
N812955		5.30	<0.005		0.21	7.37	17.5	2210	1.63	0.26	2.73	0.22	54.3	8.0	11	10.10
N812956		4.30	<0.005		0.12	7.18	6.9	2320	1.59	0.23	2.60	0.12	49.7	8.9	15	12.80
N812957		<0.02	<0.005		0.11	7.22	7.4	2280	1.61	0.21	2.57	0.11	50.9	8.5	17	12.60
N812958		2.56	0.096		0.36	6.74	24.8	2200	1.50	1.89	2.39	0.67	47.7	6.6	11	11.75
N812959		7.15	<0.005		0.11	7.43	4.4	2250	1.65	0.15	2.55	0.09	56.7	7.1	14	8.26
N812960		2.47	<0.005		0.12	6.82	9.0	1970	1.67	0.18	2.74	0.10	43.3	6.6	10	20.7
N812961		4.97	<0.005		0.11	7.15	7.7	2210	1.59	0.19	2.48	0.08	48.1	6.4	13	12.90
N812962		3.09	<0.005		0.21	6.79	11.4	2230	1.60	0.66	2.75	0.12	42.3	11.5	14	13.15
N812963		8.56	<0.005		0.15	7.20	11.7	2260	1.64	0.16	2.49	0.12	53.7	6.6	15	9.22
N812964		7.40	0.005		0.21	7.27	50.8	2150	1.65	0.22	2.33	0.14	51.7	5.2	11	11.85
N812965		4.63	0.286		0.94	6.52	176.5	470	1.46	4.93	2.17	0.67	38.2	128.5	10	10.35



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Project: Klaza - 115

**CERTIFICATE OF ANALYSIS WH12201237**

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
N812930		1160	6.31	10.60	0.15	0.7	0.555	1.89	15.5	30.0	0.69	6170	12.10	0.02	4.6	1.8
N812931		3.6	0.45	0.27	0.05	<0.1	0.005	0.04	0.6	1.5	12.50	202	0.18	0.01	0.3	1.3
N812932		13.5	3.87	15.60	0.12	1.1	0.250	2.91	29.4	92.8	1.04	3270	5.23	0.02	7.5	2.7
N812933		71.4	4.24	15.80	0.15	0.9	0.186	2.52	27.9	73.6	1.19	2380	6.30	0.02	6.8	2.9
N812934		282	2.81	16.25	0.11	1.3	0.083	2.93	26.7	90.2	0.85	1290	1.96	0.06	8.2	2.9
N812935		297	2.86	16.70	0.15	1.3	0.058	2.86	26.3	67.1	0.75	746	1.74	1.40	8.3	2.7
N812936		266	2.82	16.45	0.14	1.3	0.049	2.86	24.0	96.9	0.72	709	1.56	1.31	8.8	2.6
N812937		460	2.81	15.35	0.14	1.2	0.077	2.92	22.9	53.4	0.82	1180	2.89	0.74	7.9	2.9
N812938		336	2.62	16.35	0.14	1.3	0.071	2.87	28.5	147.0	1.03	969	1.77	0.11	8.4	3.1
N812939		247	2.73	15.95	0.14	1.4	0.070	2.82	23.2	136.0	0.69	764	2.19	0.84	8.4	2.9
N812940		212	3.11	16.20	0.16	1.4	0.331	2.91	30.2	41.8	1.04	2360	4.49	0.04	8.4	4.7
N812941		16.9	3.65	19.35	0.21	4.8	0.043	2.26	42.7	290	1.50	1420	2.46	0.04	11.7	15.8
N812942		30.9	5.50	14.95	0.18	1.1	0.225	2.74	25.1	43.4	0.63	2570	7.24	0.02	7.1	4.2
N812943		17.6	2.95	17.35	0.12	1.4	0.076	3.24	24.5	20.6	0.72	971	1.34	1.63	8.7	2.7
N812944		1315	8.27	14.50	0.24	1.1	4.44	2.34	18.5	38.5	0.65	3160	15.50	0.08	6.3	15.3
N812945		19.4	2.93	16.80	0.12	1.4	0.046	2.83	23.0	22.8	0.75	627	5.58	1.76	8.8	2.9
N812946		30.4	2.97	17.45	0.15	1.5	0.047	2.86	29.6	32.2	0.82	639	1.50	2.24	9.1	2.7
N812947		14.2	3.12	15.90	0.15	1.1	0.060	2.75	21.4	105.5	0.89	1030	1.53	1.42	8.0	2.8
N812948		2.9	0.51	0.42	0.08	<0.1	0.005	0.04	0.7	1.6	12.80	217	0.17	0.02	0.5	2.9
N812949		7.4	3.27	17.85	0.13	1.2	0.076	2.48	21.9	113.0	0.94	1450	1.55	0.05	8.4	2.5
N812950		22.7	2.73	17.95	0.14	1.3	0.048	3.03	28.1	34.9	0.69	779	1.88	0.15	8.9	2.5
N812951		2.7	3.25	14.85	0.14	1.0	0.078	2.40	22.3	31.5	0.81	859	2.72	1.60	7.2	2.5
N812952		7.9	2.91	16.90	0.15	1.4	0.064	2.90	26.7	28.2	0.81	884	2.63	1.83	8.7	2.7
N812953		444	6.66	15.15	0.18	1.0	1.735	2.61	24.9	26.7	0.93	1900	14.95	0.04	6.7	16.1
N812954		13.5	2.98	17.20	0.13	1.6	0.043	2.73	27.6	15.9	0.85	622	1.77	2.30	8.7	2.8
N812955		23.4	2.90	16.85	0.15	1.3	0.052	2.85	29.3	15.6	0.79	950	1.04	2.00	8.4	2.6
N812956		20.7	2.98	16.50	0.15	1.4	0.054	2.86	25.4	15.0	0.75	703	1.22	2.20	8.4	2.8
N812957		20.3	2.90	16.70	0.15	1.4	0.053	2.83	26.4	14.7	0.74	685	1.34	2.19	8.4	2.7
N812958		202	3.32	15.70	0.15	1.3	0.127	3.09	25.4	12.7	0.76	1740	1.27	1.60	8.0	2.7
N812959		17.9	2.96	16.85	0.16	1.5	0.058	2.76	30.7	13.6	0.82	639	2.30	2.28	8.6	2.7
N812960		13.3	2.81	16.10	0.13	1.5	0.048	2.89	22.7	15.5	0.76	813	0.95	1.57	8.5	2.7
N812961		15.0	2.76	17.05	0.16	1.4	0.048	2.87	25.3	18.4	0.80	631	1.92	2.05	8.7	2.7
N812962		26.4	3.06	16.95	0.14	1.3	0.060	2.79	21.0	21.7	0.83	802	2.01	1.83	8.3	3.1
N812963		17.9	2.91	17.20	0.14	1.4	0.052	2.81	28.5	12.6	0.79	598	1.94	2.16	8.8	2.8
N812964		14.3	2.91	17.25	0.15	1.4	0.084	3.22	27.0	20.7	0.73	815	1.32	1.69	8.7	2.7
N812965		8.5	8.85	18.45	0.24	1.0	0.252	2.32	21.5	80.2	1.04	3100	5.34	0.07	6.5	4.6



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Project: Klaza - 115

**CERTIFICATE OF ANALYSIS WH12201237**

Sample Description	Method Analyte Units LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
N812930		310	>10000	120.0	0.004	5.64	1405	6.9	2	15.5	72.2	0.40	0.05	8.4	0.137	1.99
N812931		170	3.2	2.5	<0.002	<0.01	0.05	0.3	1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	<0.02
N812932		490	86.8	172.5	<0.002	1.00	17.85	10.2	1	3.1	117.5	0.56	0.05	13.1	0.217	2.75
N812933		450	52.8	144.5	<0.002	1.32	41.8	9.9	1	2.8	157.0	0.50	0.08	11.7	0.199	2.57
N812934		520	48.4	131.5	<0.002	0.37	85.4	10.6	2	2.1	130.0	0.61	<0.05	12.8	0.240	2.19
N812935		580	18.9	119.0	<0.002	0.18	55.4	11.7	2	2.1	295	0.59	<0.05	12.3	0.257	1.60
N812936		600	22.1	113.0	<0.002	0.15	82.7	11.6	2	2.0	280	0.63	<0.05	11.6	0.268	1.57
N812937		510	34.4	124.5	<0.002	0.30	42.1	10.2	2	2.1	208	0.57	0.05	11.1	0.230	2.11
N812938		530	25.2	124.0	<0.002	0.24	144.5	11.1	2	1.9	165.5	0.61	0.07	12.9	0.241	1.98
N812939		540	21.0	106.0	<0.002	0.22	73.6	10.4	2	1.8	253	0.67	0.05	12.4	0.242	1.67
N812940		540	572	152.0	<0.002	0.65	89.6	11.1	2	2.9	186.0	0.66	<0.05	14.4	0.233	2.56
N812941		1730	24.5	89.8	<0.002	0.14	24.5	10.2	2	1.2	1340	0.67	<0.05	8.5	0.452	1.52
N812942		450	441	165.0	0.002	4.61	40.0	9.9	1	2.3	74.8	0.54	0.56	12.3	0.217	2.65
N812943		580	63.4	126.5	<0.002	0.16	5.66	10.9	1	1.8	311	0.68	<0.05	12.5	0.255	1.91
N812944		460	>10000	135.5	<0.002	7.22	221	8.9	3	7.9	121.0	0.43	0.54	9.2	0.190	2.25
N812945		560	20.9	104.5	<0.002	0.05	3.87	10.9	1	1.7	310	0.69	<0.05	12.6	0.257	1.34
N812946		580	18.6	110.5	<0.002	0.09	3.20	11.7	2	2.4	382	0.74	<0.05	14.4	0.266	1.30
N812947		530	15.3	96.0	<0.002	0.29	12.00	10.2	2	2.3	258	0.62	<0.05	11.3	0.247	1.76
N812948		190	2.0	2.5	<0.002	<0.01	0.06	0.5	1	<0.2	38.0	<0.05	<0.05	<0.2	<0.005	0.02
N812949		610	13.0	84.8	<0.002	0.62	18.95	10.8	1	3.0	120.0	0.65	<0.05	11.1	0.264	1.87
N812950		600	15.0	119.5	<0.002	0.23	20.1	11.6	2	3.2	126.0	0.66	<0.05	13.0	0.264	1.73
N812951		510	7.6	116.0	<0.002	0.74	4.68	9.4	2	1.9	323	0.55	0.07	10.7	0.217	1.71
N812952		590	14.4	118.0	<0.002	0.21	3.49	11.3	1	2.3	363	0.66	<0.05	12.9	0.256	1.75
N812953		440	2900	159.0	0.002	4.85	89.2	9.1	2	7.8	90.2	0.48	0.42	10.5	0.184	2.45
N812954		570	18.9	94.6	<0.002	0.02	1.14	11.5	1	1.8	386	0.71	<0.05	13.4	0.261	1.00
N812955		580	32.3	112.0	<0.002	0.11	3.84	11.6	2	1.7	351	0.63	<0.05	13.3	0.252	1.25
N812956		570	16.6	97.4	<0.002	0.07	1.95	11.0	1	1.7	376	0.64	<0.05	12.6	0.257	1.19
N812957		560	16.6	99.1	<0.002	0.06	1.92	11.0	1	1.7	375	0.64	<0.05	12.3	0.253	1.19
N812958		530	20.1	121.0	<0.002	0.50	4.23	10.3	2	1.8	274	0.62	<0.05	11.7	0.236	1.53
N812959		560	16.3	107.0	<0.002	0.02	1.84	11.1	2	1.7	371	0.67	<0.05	13.7	0.250	1.04
N812960		550	16.9	112.0	<0.002	0.06	3.55	10.6	2	1.8	302	0.73	<0.05	12.0	0.244	1.67
N812961		560	15.9	112.5	<0.002	0.04	2.72	11.0	2	1.8	355	0.66	<0.05	12.1	0.248	1.31
N812962		580	15.7	102.0	<0.002	0.17	3.98	11.4	1	1.8	346	0.62	0.05	10.4	0.259	1.43
N812963		570	16.3	108.5	<0.002	0.06	2.15	11.5	2	2.0	384	0.64	<0.05	13.0	0.257	1.19
N812964		570	15.8	133.5	<0.002	0.14	4.51	11.4	2	2.0	299	0.66	<0.05	12.9	0.254	1.64
N812965		440	44.9	139.5	<0.002	3.92	10.20	9.9	2	2.1	92.4	0.48	0.41	12.0	0.186	2.20





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Account: ROCKHA

Project: Klaza - 115

**CERTIFICATE OF ANALYSIS WH12201237**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N812930		6.7	40	12.7	7.8	>10000	20.0	357	2.43	1.215
N812931		0.5	2	0.1	0.9	19	<0.5	1		
N812932		6.1	56	7.1	11.3	312	30.0	1		
N812933		6.6	59	10.2	10.5	85	23.5	1		
N812934		4.5	62	3.6	13.2	84	33.7	1		
N812935		4.0	69	2.4	14.9	63	35.4	<1		
N812936		3.5	71	2.3	14.8	72	34.5	<1		
N812937		4.4	62	3.0	13.4	54	33.4	1		
N812938		6.2	65	2.7	14.3	86	35.7	1		
N812939		4.0	64	1.6	13.7	66	36.8	1		
N812940		8.1	62	6.4	14.6	1740	37.1	3		
N812941		4.9	89	2.4	13.8	102	181.5	1		
N812942		5.8	63	9.6	8.6	1010	28.7	6		
N812943		4.0	68	3.9	13.9	115	36.3	1		
N812944		5.7	54	4.4	9.3	>10000	34.6	112	0.962	1.570
N812945		4.1	68	1.8	14.9	52	36.3	<1		
N812946		4.8	70	1.5	16.5	49	36.7	<1		
N812947		3.4	65	2.5	12.4	48	29.7	<1		
N812948		0.6	4	0.1	0.8	14	<0.5	<1		
N812949		3.5	66	3.5	13.5	55	33.3	<1		
N812950		3.3	70	4.1	15.4	46	34.0	<1		
N812951		3.7	63	2.5	12.3	45	27.5	<1		
N812952		3.9	69	1.7	14.0	46	34.2	<1		
N812953		5.5	56	5.3	9.7	5410	27.0	24		
N812954		4.5	69	0.8	15.5	49	38.3	<1		
N812955		4.3	67	1.1	15.9	56	34.9	<1		
N812956		3.9	67	2.5	14.7	45	35.6	<1		
N812957		3.9	67	1.8	14.8	44	35.8	<1		
N812958		3.9	61	2.3	13.2	85	33.8	<1		
N812959		5.0	66	1.4	16.6	46	39.0	<1		
N812960		4.0	65	1.8	14.1	47	37.9	<1		
N812961		3.7	66	1.4	15.0	44	36.7	<1		
N812962		3.5	68	1.3	14.1	50	33.3	<1		
N812963		4.0	67	1.8	15.5	45	37.5	<1		
N812964		4.5	67	1.8	14.7	47	37.2	<1		
N812965		9.0	76	9.7	10.8	168	25.1	1		



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**CERTIFICATE OF ANALYSIS WH12201237**

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



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**CERTIFICATE WH12201238**

Project: Klaza-115

P.O. No.: Batch 6

This report is for 4 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-115

**CERTIFICATE OF ANALYSIS WH12201238**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812966		4.25	0.011	0.39	7.04	90.2	1500	1.53	0.50	2.33	0.83	54.0	15.8	7	13.40	21.4
N812967		2.77	0.008	0.43	6.95	28.9	2900	1.58	0.34	2.17	0.10	49.9	10.8	15	11.90	93.0
N812968		2.46	<0.005	0.01	0.07	<5	20	0.09	0.02	21.0	0.06	1.23	1.3	<1	0.20	4.3
N812969		7.30	0.012	0.56	6.80	46.6	2290	1.30	0.23	2.47	0.62	43.6	8.9	10	14.55	214



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Project: Klaza-115

**CERTIFICATE OF ANALYSIS WH12201238**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812966		3.78	16.35	0.14	1.2	0.155	3.23	30.1	39.6	0.90	2060	1.15	0.35	8.0	2.4	560
N812967		3.07	16.70	0.15	1.3	0.092	3.04	26.6	14.1	0.79	880	0.84	1.84	8.1	2.9	550
N812968		0.50	0.28	0.08	<0.1	<0.005	0.03	0.6	1.0	12.65	218	0.14	0.01	0.2	3.9	200
N812969		2.76	16.40	0.10	1.4	0.061	2.88	21.2	8.9	0.70	634	1.09	2.13	7.9	2.6	540



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**CERTIFICATE OF ANALYSIS WH12201238**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812966		60.9	171.0	<0.002	0.59	9.24	10.9	2	2.7	148.0	0.61	<0.05	13.6	0.248	2.42	4.2
N812967		16.2	134.0	<0.002	0.25	6.88	11.1	2	2.3	295	0.60	<0.05	12.9	0.247	1.67	3.8
N812968		1.9	1.9	<0.002	<0.01	0.06	0.3	2	<0.2	43.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N812969		51.3	113.0	<0.002	0.26	4.59	9.1	2	2.2	366	0.68	<0.05	11.7	0.246	1.38	3.8



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**CERTIFICATE OF ANALYSIS WH12201238**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N812966		63	4.1	13.8	131	30.9	<1
N812967		66	3.0	14.3	59	35.7	<1
N812968		2	<0.1	0.9	14	<0.5	<1
N812969		67	1.9	15.1	87	39.6	<1



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**CERTIFICATE OF ANALYSIS WH12201238**

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





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# **CERTIFICATE WH12201239**

Project: Klaza - 116

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

## **SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## **ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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Signature:

  
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12201239**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358235		4.80	0.020	0.37	7.98	25.5	2400	1.66	0.92	1.69	1.55	50.1	6.8	10	12.70	66.5
M358236		2.81	0.674	1.99	7.56	227	530	1.62	3.58	1.76	4.43	53.6	7.5	8	11.70	246
M358237		3.48	0.024	0.23	7.66	20.3	2750	1.61	0.70	2.21	0.92	49.5	6.4	8	11.80	38.3
M358238		1.18	0.693	1.68	7.26	122.0	670	1.61	2.34	1.89	1.95	52.4	6.8	8	11.30	232
M358239		2.60	0.060	0.98	7.68	79.8	860	1.71	1.97	2.01	6.04	54.8	7.8	8	13.05	64.4
M358240		4.93	0.031	0.34	7.49	17.4	2560	1.73	0.71	2.28	1.81	46.8	7.5	9	12.15	56.4
M358241		0.26	2.15	26.4	6.13	3670	1760	1.38	20.4	2.33	81.5	47.7	11.1	18	16.10	448
M358242		3.87	0.036	0.45	7.66	17.9	2360	1.69	0.98	2.20	0.96	53.7	10.5	8	14.10	23.9
M358243		3.73	0.085	0.57	7.81	41.0	2330	1.73	1.20	2.06	1.90	52.3	8.8	9	12.60	59.6
M358244		2.76	0.374	2.46	7.25	137.0	1030	1.46	5.06	1.20	3.22	56.4	9.2	7	11.55	130.0
M358245		3.36	<0.005	0.01	0.13	<5	30	0.08	0.02	22.2	0.07	1.48	1.2	<1	0.93	1.8
M358246		3.89	0.294	1.65	7.51	128.5	550	1.69	2.77	0.91	4.85	65.5	10.3	7	12.85	88.0
M358247		3.70	0.416	1.43	7.62	144.0	700	1.72	3.03	0.27	7.62	58.5	10.0	7	17.60	120.0
M358248		3.75	0.044	0.38	7.50	70.5	1460	1.55	1.62	1.61	1.26	50.1	10.6	7	17.45	39.3
M358249		3.22	0.087	0.43	7.97	57.7	1680	1.61	2.26	0.90	0.72	56.1	12.2	7	19.10	46.7
M358250		2.43	0.092	0.47	7.41	48.1	640	1.61	2.61	0.77	2.13	53.8	46.9	7	12.25	20.1
M358251		2.55	0.098	0.35	8.14	34.3	2010	1.69	1.49	0.88	1.50	58.0	10.6	8	15.65	41.6
M358252		0.24	4.57	>100	5.61	8790	1490	1.32	65.4	2.03	242	35.2	9.1	17	12.35	1280
M358253		2.52	0.157	2.48	7.50	65.8	1070	1.71	11.15	2.06	4.06	55.8	11.3	7	19.20	126.0
M358254		3.00	0.568	2.44	6.99	207	470	1.66	8.56	0.22	2.62	41.9	15.5	8	7.30	169.0
M358255		3.29	0.104	0.76	7.54	41.9	980	1.78	2.17	1.80	4.97	57.8	8.7	7	15.85	43.4
M358256		3.42	0.268	0.92	7.29	106.5	1060	1.76	1.75	1.40	4.29	67.0	10.3	8	11.95	63.0
M358257		2.85	<0.005	0.02	0.12	<5	20	0.08	0.03	21.6	0.07	1.24	1.1	<1	0.33	1.5
M358258		4.38	0.074	1.09	8.00	49.4	2150	1.40	1.44	0.57	7.81	54.7	11.5	8	13.20	32.2
M358259		4.52	0.483	4.04	5.75	237	550	1.25	6.13	2.26	31.0	46.0	7.5	7	11.70	98.8
M358260		2.01	1.040	1.21	7.15	175.5	910	1.53	1.58	1.46	17.45	53.9	8.4	6	14.25	75.8
M358261		5.72	0.134	1.17	7.30	98.9	1520	1.45	2.27	2.37	5.23	49.4	9.1	8	19.55	59.7
M358262		1.78	0.083	0.44	7.15	80.7	1610	1.53	0.85	2.59	1.81	47.4	6.2	7	17.15	22.2
M358263		3.72	0.107	2.30	7.08	104.5	1450	1.58	4.06	2.41	5.81	42.7	7.2	8	19.50	56.7
M358264		3.88	0.116	0.48	7.30	74.2	1930	1.53	0.98	2.13	1.30	43.3	9.5	8	21.0	15.5
M358265		3.07	0.225	4.10	7.28	215	1220	1.55	8.10	1.77	8.65	49.8	8.2	12	14.80	244
M358266		6.36	0.029	0.39	7.58	30.2	2440	1.58	1.04	2.08	2.62	49.5	7.4	8	15.30	20.9
M358267		<0.02	0.031	0.40	7.20	29.4	2420	1.53	0.97	2.06	2.87	42.3	7.3	8	14.90	22.5
M358268		3.02	0.031	4.42	6.96	50.3	1910	1.38	33.2	2.46	1.17	43.6	6.2	8	16.65	666
M358269		3.86	0.100	0.80	6.93	104.5	1410	1.40	2.06	3.43	4.48	44.5	8.9	7	17.25	46.2
M358270		4.37	0.080	0.57	6.92	39.9	2060	1.63	1.14	2.74	4.06	41.2	6.5	7	19.80	22.9



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**CERTIFICATE OF ANALYSIS WH12201239**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358235		3.34	16.65	0.11	1.3	0.126	3.04	26.1	15.7	0.85	402	1.64	2.40	8.3	2.6	630
M358236		5.02	15.55	0.14	1.4	0.341	3.41	28.1	11.1	0.70	728	2.11	0.71	6.9	2.9	560
M358237		2.98	15.70	0.11	1.3	0.087	2.92	25.2	12.0	0.85	407	1.42	2.34	7.8	2.5	610
M358238		3.95	15.95	0.12	1.3	0.234	2.90	27.2	10.9	0.76	448	1.50	1.82	7.4	2.7	550
M358239		4.24	16.15	0.13	1.3	0.270	3.24	27.8	11.2	0.76	691	1.80	1.18	7.8	2.6	610
M358240		3.14	15.85	0.12	1.4	0.095	2.99	23.4	10.7	0.78	521	1.79	2.07	7.9	2.8	600
M358241		6.96	13.35	0.14	0.9	1.775	2.74	26.3	27.6	0.97	1960	15.25	0.04	6.1	15.3	470
M358242		3.47	16.60	0.12	1.3	0.092	2.98	27.4	12.3	0.93	460	2.66	2.23	7.4	2.6	640
M358243		3.48	16.35	0.11	1.3	0.152	3.44	27.6	11.1	0.82	538	2.47	1.92	7.0	2.9	640
M358244		6.25	15.80	0.16	1.2	0.223	3.64	30.6	7.5	0.70	549	1.76	0.10	4.4	2.3	550
M358245		0.51	0.41	<0.05	<0.1	0.005	0.06	0.7	1.8	13.55	232	0.32	0.01	0.4	3.0	180
M358246		4.37	16.50	0.12	1.3	0.232	3.85	35.6	9.9	0.64	582	1.44	0.18	4.7	2.4	580
M358247		3.86	16.50	0.14	1.2	0.226	3.35	31.9	18.3	0.38	362	2.60	0.15	5.8	2.8	480
M358248		3.69	16.20	0.12	1.2	0.150	2.72	25.5	42.0	0.65	950	2.47	0.04	6.8	2.8	590
M358249		3.57	17.10	0.11	1.4	0.122	2.48	29.0	48.3	0.45	802	2.16	0.05	7.1	2.8	610
M358250		5.06	15.70	0.14	1.1	0.251	3.29	26.4	14.1	0.49	616	0.82	0.39	5.0	4.5	540
M358251		3.31	17.45	0.14	1.2	0.093	2.79	30.6	26.3	0.46	515	0.89	0.51	6.3	2.6	640
M358252		8.25	11.70	0.14	1.0	4.79	2.35	17.9	39.7	0.68	3190	16.00	0.09	5.5	13.0	470
M358253		3.07	15.85	0.11	1.2	0.163	2.88	29.8	19.8	0.98	665	1.36	0.05	5.0	3.1	580
M358254		6.59	14.80	0.15	1.0	0.237	3.36	21.0	7.1	0.36	186	3.33	0.07	3.4	2.9	450
M358255		3.68	15.80	0.13	1.2	0.317	3.63	30.8	16.7	0.82	710	1.38	0.07	4.9	2.5	570
M358256		3.90	15.65	0.13	1.1	0.199	3.72	36.9	9.2	0.75	644	1.39	0.06	4.8	2.5	550
M358257		0.48	0.46	<0.05	<0.1	0.005	0.04	0.6	1.3	13.10	207	0.14	0.01	0.5	2.5	190
M358258		3.75	18.55	0.16	1.3	0.145	3.18	30.7	27.3	0.36	1140	0.96	0.07	8.0	3.1	650
M358259		5.36	14.65	0.18	1.1	0.657	2.75	26.0	14.0	1.04	2910	12.55	0.03	5.3	2.8	440
M358260		3.88	16.35	0.17	1.5	0.603	3.38	30.9	8.4	0.68	1050	1.67	0.04	6.9	2.5	550
M358261		3.38	17.00	0.16	1.4	0.308	2.95	27.0	25.3	0.87	904	1.91	0.06	7.3	2.7	560
M358262		3.12	17.05	0.18	1.4	0.181	2.72	25.8	29.4	0.84	865	1.78	0.05	7.3	2.5	540
M358263		3.17	17.75	0.17	1.3	0.295	2.72	21.9	29.3	0.79	951	1.79	0.05	7.9	2.9	610
M358264		3.37	18.40	0.16	1.4	0.112	2.75	21.3	37.3	0.66	962	1.64	0.06	8.3	3.0	710
M358265		5.41	17.50	0.19	1.2	0.513	3.23	28.1	24.8	0.91	1470	1.46	0.10	7.1	2.7	540
M358266		3.16	17.45	0.17	1.3	0.161	3.13	26.0	22.8	0.70	580	1.30	1.41	8.0	2.8	580
M358267		3.23	17.60	0.15	1.3	0.165	3.11	21.6	22.2	0.68	587	1.25	1.37	7.9	3.1	590
M358268		3.28	17.00	0.18	1.2	0.459	2.96	22.4	16.8	0.83	655	1.08	0.77	7.3	2.5	560
M358269		3.71	16.60	0.17	1.2	0.266	2.74	23.3	24.5	1.18	1120	1.92	0.22	7.1	2.8	570
M358270		3.07	17.30	0.16	1.3	0.335	2.94	20.8	13.7	0.74	705	1.02	1.05	7.5	2.5	560



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358235		28.0	125.0	<0.002	0.65	3.03	11.6	1	3.2	333	0.72	0.13	13.5	0.261	3.7
M358236		79.5	178.5	<0.002	3.14	5.34	10.4	1	4.1	132.0	0.64	0.14	13.0	0.223	4.5
M358237		20.8	108.0	<0.002	0.83	2.76	10.6	1	2.7	368	0.69	0.13	12.8	0.248	3.6
M358238		45.3	131.0	<0.002	2.16	4.10	10.5	1	3.7	290	0.62	0.17	12.3	0.231	4.1
M358239		103.5	152.5	<0.002	2.18	3.97	12.1	1	3.9	196.5	0.66	0.14	12.7	0.242	4.1
M358240		39.4	110.5	<0.002	0.75	2.42	10.4	1	2.8	333	0.72	0.14	12.0	0.240	4.1
M358241		3060	167.0	0.002	5.10	93.0	8.4	2	8.2	89.4	0.49	0.42	10.9	0.191	5.3
M358242		45.2	125.5	<0.002	1.33	2.37	11.5	1	4.0	333	0.61	0.25	12.6	0.251	4.2
M358243		52.8	140.0	<0.002	1.32	3.35	10.9	1	3.5	285	0.62	0.31	13.1	0.239	3.7
M358244		142.5	192.0	<0.002	6.12	4.63	10.4	2	10.0	52.1	0.42	0.80	13.2	0.154	3.6
M358245		1.7	5.0	<0.002	<0.01	0.05	0.5	1	0.2	38.8	<0.05	<0.05	<0.2	0.005	0.5
M358246		172.5	221	<0.002	3.58	6.05	11.1	1	9.4	56.3	0.47	0.27	14.9	0.168	4.3
M358247		110.5	186.0	<0.002	3.02	15.60	12.2	1	8.4	56.2	0.51	0.32	15.2	0.200	5.5
M358248		30.5	132.5	<0.002	1.75	17.35	11.2	1	4.3	65.2	0.62	0.31	13.1	0.229	3.7
M358249		26.5	136.0	<0.002	1.43	24.1	12.1	1	4.5	58.3	0.65	0.38	15.2	0.228	4.3
M358250		33.5	182.0	<0.002	3.92	7.52	10.7	2	6.8	61.2	0.47	0.66	13.3	0.178	4.3
M358251		26.9	149.0	<0.002	1.55	22.3	12.1	1	4.1	90.2	0.58	0.29	15.3	0.227	4.8
M358252		>10000	132.0	<0.002	7.53	240	7.7	2	8.5	120.5	0.44	0.49	9.6	0.191	5.6
M358253		81.2	152.5	<0.002	2.10	34.4	11.1	1	5.0	51.0	0.46	0.29	12.9	0.170	3.7
M358254		97.4	174.5	<0.002	6.97	30.6	10.6	2	10.8	22.3	0.30	0.81	11.7	0.126	3.8
M358255		74.4	182.5	<0.002	2.61	9.98	10.8	1	5.7	77.7	0.44	0.22	12.9	0.169	4.5
M358256		129.0	237	<0.002	2.89	14.30	11.2	1	6.8	45.6	0.44	0.28	13.2	0.179	4.0
M358257		1.5	3.0	<0.002	<0.01	0.06	0.3	1	<0.2	39.0	<0.05	<0.05	<0.2	<0.005	0.5
M358258		151.5	148.0	<0.002	1.65	16.05	11.8	1	4.4	54.2	0.65	0.47	15.3	0.257	3.1
M358259		546	163.5	0.002	4.55	39.3	8.8	2	8.5	42.5	0.42	0.35	9.6	0.175	4.1
M358260		127.0	197.0	<0.002	2.97	20.9	10.4	2	5.8	56.0	0.57	0.18	14.3	0.222	3.5
M358261		150.5	117.0	<0.002	1.60	13.95	10.4	1	3.7	110.5	0.60	0.15	13.7	0.223	4.0
M358262		51.1	109.0	<0.002	1.21	10.55	10.1	1	3.6	109.5	0.60	0.13	12.8	0.224	3.9
M358263		265	95.4	<0.002	1.29	23.1	11.3	1	4.4	75.8	0.60	0.24	11.9	0.259	4.3
M358264		55.3	86.5	<0.002	1.18	15.05	11.6	1	3.8	118.5	0.64	0.19	10.3	0.279	4.8
M358265		173.5	148.0	<0.002	2.44	14.40	9.9	1	7.2	85.6	0.55	0.17	12.9	0.222	4.1
M358266		42.2	116.5	<0.002	0.70	4.22	10.6	1	3.5	255	0.63	0.21	13.2	0.248	3.7
M358267		40.4	106.0	<0.002	0.66	4.31	9.8	1	3.5	251	0.61	0.19	11.4	0.247	3.5
M358268		60.9	101.0	<0.002	1.29	4.60	9.8	2	4.8	192.0	0.56	0.41	10.2	0.230	3.8
M358269		74.0	92.8	<0.002	1.74	10.25	10.1	1	4.1	159.0	0.56	0.19	10.5	0.230	3.9
M358270		68.7	101.0	<0.002	1.13	4.44	9.6	1	3.7	239	0.58	0.13	9.5	0.238	3.1



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**CERTIFICATE OF ANALYSIS WH12201239**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M358235		77	2.2	15.6	119	38.6	<1		
M358236		68	3.2	16.0	359	39.6	3		
M358237		72	1.6	15.2	93	36.2	1		
M358238		67	1.9	15.1	158	38.3	1		
M358239		77	3.6	16.8	415	37.2	1		
M358240		69	2.1	15.1	149	39.5	<1		
M358241		61	5.8	10.3	5670	25.6	26		
M358242		77	2.7	16.4	124	37.8	1		
M358243		72	2.5	15.3	172	36.2	1		
M358244		62	4.5	14.2	254	34.5	2		
M358245		4	0.2	1.0	15	<0.5	<1		
M358246		65	4.9	13.2	392	35.3	1		
M358247		68	7.0	13.8	252	34.9	1		
M358248		71	3.4	14.8	190	35.4	<1		
M358249		72	2.8	14.9	158	39.9	1		
M358250		65	2.7	17.2	191	31.8	1		
M358251		75	2.4	17.0	156	35.9	<1		
M358252		57	4.6	8.9	>10000	29.7	121	1.000	1.575
M358253		62	3.4	14.9	166	35.6	2		
M358254		63	6.3	12.3	142	27.1	2		
M358255		65	3.4	15.2	276	35.4	<1		
M358256		65	5.1	14.4	300	31.7	<1		
M358257		3	0.2	0.9	14	<0.5	<1		
M358258		75	2.6	17.2	666	38.7	<1		
M358259		57	7.0	12.7	2150	29.5	3		
M358260		64	4.6	12.5	1520	40.3	1		
M358261		64	3.6	16.3	378	39.9	<1		
M358262		61	3.6	16.9	206	40.8	<1		
M358263		76	3.4	13.8	478	36.7	1		
M358264		85	4.5	15.2	166	40.1	<1		
M358265		63	7.1	12.5	686	34.3	3		
M358266		69	1.9	15.5	258	41.0	<1		
M358267		69	1.9	14.3	270	39.4	<1		
M358268		65	3.0	12.6	122	36.4	4		
M358269		67	2.9	15.9	262	34.3	<1		
M358270		68	2.5	12.9	352	37.3	<1		



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



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Account: ROCKHA

**CERTIFICATE WH12201430**

Project: Klaza - 116

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza - 116

**CERTIFICATE OF ANALYSIS WH12201430**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358271		2.41	0.102	0.53	7.20	72.0	1880	1.52	1.30	2.11	1.68	47.0	8.1	11	23.1	17.7
M358272		3.17	0.457	1.90	7.28	268	480	1.41	4.93	1.17	2.28	55.7	5.3	18	12.00	99.1
M358273		2.67	<0.005	0.02	0.13	<5	20	0.13	0.03	20.9	0.07	1.21	1.3	<1	0.44	2.2
M358274		3.33	<0.005	0.16	7.00	26.2	3530	1.69	0.26	3.37	0.78	52.5	7.4	25	28.4	22.3
M358275		5.95	<0.005	0.04	6.74	15.8	1620	1.48	0.09	3.00	0.09	46.3	6.2	17	29.4	12.7
M358276		8.66	0.012	0.31	6.65	40.5	1340	1.50	1.22	2.55	0.18	47.8	6.8	24	25.2	24.1
M358277		2.90	0.698	2.18	7.13	650	200	1.26	6.58	0.93	4.43	44.4	16.4	11	10.90	141.0
M358278		2.26	<0.005	0.01	0.22	<5	40	0.32	0.03	20.9	0.07	1.38	1.6	1	0.52	1.4
M358279		6.01	0.043	0.25	6.68	42.0	1940	1.46	0.74	2.83	0.99	49.2	9.6	9	23.5	17.9
M358280		3.85	0.172	0.63	7.27	72.2	1520	1.42	1.84	2.30	1.44	53.0	7.7	12	29.3	43.6
M358281		6.63	0.014	0.16	6.36	54.5	1690	1.17	0.31	2.97	0.24	50.9	5.0	17	10.80	17.4
M358282		5.76	0.010	0.09	6.88	96.9	700	1.21	0.07	2.97	0.12	51.1	4.6	16	4.59	5.8
M358283		4.16	0.018	0.59	6.73	53.7	2900	1.17	1.65	4.60	0.41	53.3	6.2	21	6.53	30.0
M358284		0.25	2.23	24.8	5.86	3290	1080	1.24	18.75	2.22	77.9	41.1	10.3	18	13.80	452
M358285		3.56	0.089	2.14	6.74	179.0	760	1.34	3.28	3.75	15.25	47.9	8.6	10	14.20	194.5
M358286		4.27	0.502	40.3	7.25	222	440	1.43	208	2.14	13.65	54.6	14.7	7	15.05	1475
M358287		2.80	0.453	25.9	6.56	306	230	1.50	54.0	3.06	48.7	48.3	6.4	9	22.1	1700
M358288		2.77	0.014	0.89	7.39	23.6	2530	1.33	2.35	2.15	0.77	35.9	8.4	10	13.70	81.9
M358289		1.54	0.030	0.94	7.67	26.9	2560	1.36	2.18	1.84	1.50	39.7	9.9	13	12.65	59.5
M358290		3.38	0.113	3.62	7.25	140.0	490	1.51	8.44	1.59	1.98	55.2	9.6	13	13.20	285
M358291		4.95	0.122	2.84	6.98	135.0	220	1.46	9.26	0.69	1.45	58.9	18.2	14	7.05	120.5
M358292		0.24	2.17	26.0	5.86	3200	1390	1.22	19.80	2.19	81.3	43.5	10.9	18	14.65	447
M358293		2.85	0.056	0.65	5.31	29.4	1120	1.40	2.35	1.10	2.14	28.7	14.6	21	7.84	16.7
M358294		2.88	0.058	0.59	7.15	40.1	1540	1.46	2.07	1.09	2.13	39.6	19.0	20	10.60	66.6
M358295		3.21	0.166	8.92	1.50	159.0	320	0.49	29.7	0.82	20.0	9.47	6.1	22	1.36	600
M358296		2.64	0.024	1.09	7.21	30.4	1420	1.76	3.14	1.14	3.03	45.6	16.3	15	11.90	24.6
M358297		3.01	0.029	0.77	7.01	26.1	1800	1.73	2.59	2.38	2.43	48.0	9.2	16	14.80	33.6
M358298		2.33	0.066	1.50	6.62	68.1	240	1.49	5.37	0.69	0.58	56.0	18.6	13	7.16	39.2
M358299		3.36	0.016	0.60	7.29	18.1	1520	1.70	1.99	2.58	2.07	57.9	12.9	17	18.80	29.6
M358300		4.16	0.014	0.78	7.04	22.0	1580	1.55	2.10	2.59	1.64	52.5	8.8	11	18.40	83.1
M358301		2.35	0.020	1.11	7.29	30.3	1160	1.67	2.92	2.63	2.34	48.4	8.3	17	16.70	24.7
M358302		3.11	0.044	1.12	6.56	21.1	1750	1.53	2.97	2.41	2.27	47.4	4.6	13	13.45	53.3
M358303		<0.02	0.041	1.21	6.91	21.0	1810	1.51	3.05	2.44	2.39	49.3	4.9	14	13.65	57.4
M358304		3.57	0.010	0.50	6.63	12.7	2120	1.41	1.64	2.33	1.09	45.9	13.2	19	10.20	24.7
M358305		4.30	0.017	0.60	6.80	16.1	1720	1.54	2.38	2.42	0.57	46.3	8.0	14	9.30	45.9
M358306		2.93	0.011	1.33	6.41	25.9	920	1.56	4.10	2.42	3.06	51.5	15.8	20	10.95	18.5





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Account: ROCKHA

Project: Klaza - 116

**CERTIFICATE OF ANALYSIS WH12201430**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358271		3.48	16.95	0.13	1.5	0.242	2.99	24.3	6.4	0.68	617	1.24	0.91	8.3	2.5	600
M358272		5.16	17.20	0.16	1.3	0.373	3.13	31.2	17.4	0.67	554	1.91	0.04	7.2	3.4	560
M358273		0.48	0.37	0.08	<0.1	<0.005	0.05	0.6	1.4	12.50	223	0.16	0.01	0.3	2.5	240
M358274		2.32	18.90	0.15	3.6	0.029	2.44	27.5	24.5	1.25	681	1.08	0.07	8.7	15.6	660
M358275		2.13	19.10	0.14	2.2	0.029	2.29	22.6	73.8	0.93	544	0.43	0.14	8.8	9.6	800
M358276		2.03	18.95	0.12	3.2	0.033	1.97	24.2	124.0	0.88	503	1.31	0.17	8.7	14.0	690
M358277		5.87	18.40	0.18	1.3	0.192	3.22	23.9	14.6	0.57	450	2.85	0.06	6.0	3.3	560
M358278		0.45	0.58	0.07	<0.1	<0.005	0.09	0.7	2.4	12.55	209	0.13	0.01	0.3	3.5	190
M358279		2.79	15.75	0.10	1.2	0.114	2.66	23.8	27.1	0.84	561	1.86	0.07	7.6	2.2	560
M358280		3.34	17.05	0.11	1.5	0.117	2.81	26.0	29.7	0.74	570	1.87	0.21	7.5	4.1	580
M358281		2.11	16.00	0.07	2.4	0.030	0.37	24.4	104.5	0.99	1120	4.53	0.03	7.9	10.6	640
M358282		1.96	17.90	0.12	2.1	0.029	0.23	26.1	119.5	0.91	1560	0.72	0.06	8.7	7.6	780
M358283		1.94	17.25	0.12	3.5	0.055	0.31	28.9	105.5	1.79	1600	1.43	0.03	8.4	14.6	580
M358284		6.64	14.90	0.17	1.0	1.705	2.67	22.4	20.8	0.94	1990	12.45	0.04	6.0	14.1	450
M358285		3.71	16.30	0.14	1.4	0.435	2.49	26.4	24.2	1.55	2840	11.35	0.05	7.1	3.8	530
M358286		4.23	17.85	0.16	1.4	0.740	2.86	29.8	18.0	0.89	3050	1.02	0.05	7.6	2.7	570
M358287		4.98	18.70	0.16	1.3	4.39	2.47	26.1	36.3	1.08	2310	1.67	0.05	7.1	2.6	530
M358288		3.43	18.15	0.13	1.5	0.153	2.97	17.9	27.9	0.78	637	0.94	0.14	8.5	2.5	620
M358289		3.77	17.85	0.14	1.5	0.172	3.05	20.6	25.7	0.84	549	1.05	0.15	8.5	2.9	620
M358290		4.17	17.65	0.15	1.3	0.462	3.24	31.0	11.8	0.66	751	1.34	0.05	7.6	2.3	570
M358291		5.49	19.60	0.17	1.3	0.393	3.51	34.5	5.7	0.57	417	27.7	0.05	6.3	2.8	570
M358292		6.53	15.70	0.17	1.0	1.800	2.63	24.0	22.9	0.94	1960	13.20	0.04	6.2	14.9	450
M358293		3.05	13.55	0.11	1.0	0.325	2.52	16.8	6.2	0.61	662	29.1	0.04	4.2	2.1	380
M358294		2.20	16.55	0.11	1.5	0.148	3.28	22.3	8.3	0.59	512	29.4	0.05	5.6	2.7	560
M358295		3.16	3.68	0.10	0.2	0.473	0.67	5.3	5.4	0.38	446	8.00	0.02	1.3	1.4	90
M358296		3.40	16.60	0.14	1.3	0.375	3.39	26.2	8.7	0.71	905	7.99	0.04	5.6	2.6	560
M358297		2.94	17.25	0.13	1.4	0.256	3.08	25.2	7.7	0.61	617	1.41	0.75	7.4	2.5	590
M358298		5.72	16.10	0.18	1.2	0.322	3.29	33.9	4.8	0.56	495	18.55	0.05	5.6	2.6	530
M358299		2.91	16.90	0.14	1.4	0.280	2.65	33.1	9.6	0.74	642	2.38	0.96	8.0	2.4	590
M358300		2.62	16.60	0.13	1.5	0.346	2.23	29.1	7.1	0.68	553	0.93	1.61	7.7	2.5	570
M358301		3.43	16.90	0.14	1.3	0.459	2.49	25.9	8.5	0.79	693	1.16	1.36	7.6	1.9	580
M358302		2.62	16.25	0.13	1.3	0.223	2.07	25.0	9.6	0.79	536	1.18	1.85	7.7	2.3	550
M358303		2.69	16.30	0.13	1.3	0.231	2.10	26.5	9.5	0.81	537	1.53	1.90	7.8	2.2	570
M358304		2.78	15.55	0.14	1.3	0.213	2.21	24.7	9.6	0.77	477	4.37	1.99	7.3	2.6	530
M358305		2.93	16.55	0.14	1.3	0.243	2.13	24.8	10.9	0.81	573	1.28	1.92	7.8	2.2	540
M358306		3.22	15.30	0.14	1.1	0.425	2.30	29.7	10.2	0.65	744	4.27	0.82	7.0	2.3	510



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Account: ROCKHA

Project: Klaza - 116

**CERTIFICATE OF ANALYSIS WH12201430**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358271		67.5	142.0	<0.002	1.40	3.26	11.2	1	4.3	241	0.69	0.13	13.1	0.265	4.2
M358272		86.2	217	<0.002	4.29	8.82	10.2	1	8.0	85.2	0.59	0.25	13.6	0.229	4.0
M358273		1.8	3.3	<0.002	<0.01	0.07	0.3	1	<0.2	43.1	<0.05	<0.05	0.3	0.005	0.9
M358274		21.0	88.2	<0.002	0.15	7.34	5.9	1	1.8	350	0.70	<0.05	10.5	0.264	6.5
M358275		12.1	78.3	<0.002	0.06	3.98	5.8	1	1.5	287	0.67	<0.05	8.5	0.274	3.6
M358276		18.5	67.3	<0.002	0.20	7.88	5.6	1	2.0	307	0.69	<0.05	9.6	0.266	4.6
M358277		157.5	183.5	<0.002	6.01	11.85	9.9	3	10.8	37.1	0.50	0.46	11.8	0.195	2.9
M358278		1.4	4.6	<0.002	<0.01	0.06	0.5	1	<0.2	42.8	<0.05	<0.05	0.2	0.007	0.3
M358279		39.6	99.1	<0.002	1.02	4.38	9.5	1	3.2	121.0	0.62	0.13	12.0	0.238	4.4
M358280		79.8	131.5	<0.002	1.50	8.32	9.9	1	4.4	141.0	0.59	0.26	13.9	0.244	6.1
M358281		23.9	14.7	<0.002	0.24	14.05	5.4	1	1.5	291	0.60	<0.05	9.1	0.243	6.4
M358282		20.0	7.5	<0.002	0.23	3.51	5.8	1	1.3	186.0	0.66	<0.05	9.1	0.273	3.7
M358283		20.5	14.7	<0.002	0.23	5.69	5.5	1	1.6	279	0.67	<0.05	10.6	0.250	5.4
M358284		2920	163.0	<0.002	4.82	88.8	7.9	2	8.0	94.9	0.48	0.46	10.6	0.191	5.3
M358285		315	123.5	<0.002	2.24	34.5	9.2	1	5.0	112.0	0.58	<0.05	11.5	0.227	5.3
M358286		531	133.5	<0.002	3.00	20.0	10.1	5	9.4	64.6	0.63	0.61	13.1	0.241	5.8
M358287		715	112.5	<0.002	4.17	19.70	10.0	6	15.1	90.5	0.57	4.84	11.6	0.238	7.3
M358288		29.3	96.7	<0.002	0.43	4.81	10.6	1	3.1	117.5	0.69	0.07	12.8	0.269	4.1
M358289		57.8	116.5	<0.002	0.67	5.07	10.5	1	3.4	103.0	0.68	0.08	13.7	0.263	4.4
M358290		93.2	150.5	<0.002	3.17	10.25	10.6	2	9.3	57.3	0.61	0.44	12.8	0.238	3.4
M358291		57.3	180.0	0.002	4.76	6.23	10.4	3	15.6	23.2	0.52	0.98	11.8	0.216	2.8
M358292		2950	170.0	<0.002	4.84	91.7	8.4	2	8.4	98.3	0.50	0.40	11.2	0.187	5.4
M358293		23.3	139.5	0.003	1.71	5.84	7.3	1	3.6	41.3	0.34	0.40	9.7	0.133	2.4
M358294		32.9	156.0	0.002	1.22	9.19	9.5	1	2.9	52.9	0.48	0.18	13.4	0.184	4.5
M358295		301	37.4	<0.002	3.24	152.0	1.9	3	3.8	17.4	0.09	0.90	2.5	0.035	3.2
M358296		68.5	188.0	<0.002	1.78	5.90	10.1	2	3.9	45.9	0.50	0.38	14.0	0.202	4.3
M358297		49.4	143.0	<0.002	1.28	5.36	10.4	2	3.9	165.0	0.62	0.50	13.3	0.240	4.7
M358298		35.1	221	<0.002	4.79	4.63	8.7	3	5.5	20.3	0.46	1.05	12.6	0.187	4.1
M358299		40.3	135.5	<0.002	1.14	5.89	10.6	2	3.7	169.5	0.65	0.46	13.5	0.248	4.7
M358300		45.4	100.0	<0.002	0.95	5.71	9.7	2	3.5	233	0.67	0.15	12.5	0.241	3.9
M358301		83.7	139.5	<0.002	1.28	3.25	10.5	2	5.1	163.0	0.62	0.49	13.1	0.248	4.0
M358302		76.1	83.7	<0.002	0.39	3.55	9.8	1	2.7	298	0.61	0.07	12.1	0.237	3.7
M358303		78.2	88.0	<0.002	0.42	3.64	10.0	1	2.8	308	0.63	0.07	12.8	0.239	4.0
M358304		38.4	83.7	<0.002	0.77	2.60	9.3	1	2.8	333	0.60	0.13	12.5	0.229	4.0
M358305		27.5	85.8	<0.002	0.53	2.59	9.9	1	3.0	307	0.61	0.09	13.2	0.238	4.2
M358306		50.0	132.5	<0.002	0.98	3.48	9.2	1	4.7	107.5	0.56	0.15	12.4	0.218	4.0



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**CERTIFICATE OF ANALYSIS WH12201430**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358271		73	2.9	14.9	172	42.9	1
M358272		63	5.4	11.8	315	37.8	2
M358273		3	0.1	0.9	16	0.5	<1
M358274		51	2.5	11.8	106	136.0	<1
M358275		50	2.5	11.2	70	71.0	<1
M358276		50	2.8	11.0	72	116.5	1
M358277		65	7.0	10.2	364	37.7	2
M358278		4	0.1	0.8	14	0.7	<1
M358279		63	3.9	15.4	108	33.4	1
M358280		65	4.2	14.0	139	42.8	1
M358281		44	4.3	11.5	68	75.5	<1
M358282		48	5.7	10.8	58	63.4	<1
M358283		46	5.0	11.7	74	132.5	1
M358284		58	5.2	10.1	5670	29.8	26
M358285		59	7.5	13.0	1240	43.6	2
M358286		65	9.3	13.3	1090	42.7	42
M358287		66	10.2	13.5	3020	39.5	25
M358288		71	2.8	13.3	108	43.8	1
M358289		70	3.1	14.3	164	44.4	1
M358290		68	7.9	12.2	205	39.9	4
M358291		70	9.7	11.0	169	37.0	3
M358292		58	5.4	10.6	5630	30.4	27
M358293		60	3.8	9.1	166	30.3	<1
M358294		75	7.5	12.2	216	44.5	1
M358295		22	1.5	3.3	1600	7.4	9
M358296		68	4.0	12.7	290	39.5	1
M358297		70	2.1	14.0	249	40.4	1
M358298		64	4.6	10.9	93	35.5	2
M358299		71	2.1	16.0	216	42.5	1
M358300		66	1.5	14.9	159	42.8	1
M358301		70	2.5	16.7	242	38.1	2
M358302		65	1.3	15.1	206	39.4	2
M358303		64	1.3	15.5	210	39.3	2
M358304		62	1.0	15.6	116	36.8	1
M358305		64	1.3	15.4	86	38.5	1
M358306		57	2.3	15.6	296	31.7	1



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**CERTIFICATE OF ANALYSIS WH12201430**

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



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**CERTIFICATE WH12201431**

Project: Klaza-116

P.O. No.: Batch 3

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12201431**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358307		5.74	0.008	0.57	7.85	12.0	2290	1.58	2.73	2.59	0.54	51.8	7.3	10	10.05	38.7
M358308		6.84	0.015	0.85	7.17	26.9	1180	1.57	3.85	2.51	1.10	50.9	10.2	9	12.20	70.9
M358309		<0.02	0.011	0.82	7.14	28.6	1180	1.53	3.56	2.56	1.17	52.7	10.4	11	12.35	63.2
M358310		2.42	0.052	2.36	6.26	40.7	610	1.37	6.80	1.89	1.97	39.4	21.6	9	10.95	213
M358311		4.33	0.019	0.58	7.55	17.8	2600	1.52	3.58	2.52	0.35	72.9	14.4	9	8.12	39.2
M358312		3.88	0.009	0.40	7.09	17.6	1980	1.59	1.82	2.52	0.56	57.5	20.4	10	8.24	57.7
M358313		4.14	0.007	0.46	7.45	21.7	2230	1.44	1.37	2.66	1.67	68.6	22.3	10	7.00	66.0
M358314		2.12	0.014	0.60	5.90	40.7	90	1.38	2.63	2.15	1.46	78.6	157.5	9	7.10	18.2
M358315		3.00	<0.005	0.01	0.06	<5	30	0.06	0.03	21.2	0.07	1.23	1.3	<1	0.34	1.5
M358316		3.22	0.008	0.28	7.23	15.7	1880	1.64	1.20	2.62	0.92	60.4	12.5	8	7.95	14.8
M358317		4.89	0.016	0.43	7.22	19.6	1550	1.68	1.62	2.74	2.47	52.4	11.8	9	8.14	46.2
M358318		3.26	0.028	0.54	6.04	18.7	680	1.25	1.84	2.04	1.87	49.3	16.9	9	10.70	98.0
M358319		4.63	0.014	0.26	7.63	7.7	2110	1.60	1.91	2.36	0.20	50.3	4.9	9	10.95	56.5
M358320		3.00	0.018	0.40	6.94	11.0	1620	1.38	1.71	2.17	1.00	50.4	8.8	9	10.65	72.3
M358321		2.31	0.156	1.31	7.34	49.0	330	1.61	4.77	2.26	0.26	43.4	11.3	8	14.35	93.9
M358322		5.58	0.065	1.33	7.43	13.8	2100	1.52	23.0	2.06	0.33	47.6	7.4	10	13.20	69.0
M358323		0.26	2.26	27.4	5.89	2810	610	1.37	21.0	2.23	80.7	39.7	11.4	22	14.90	445
M358324		5.13	0.022	0.28	6.96	10.8	2250	1.56	1.88	2.27	0.25	43.1	7.1	9	12.90	40.0
M358325		3.34	0.016	0.22	7.24	12.8	2090	1.46	1.44	2.12	0.58	47.6	12.1	9	13.70	8.3
M358326		2.96	0.076	0.49	7.30	24.6	200	1.31	2.58	1.11	0.85	40.7	10.5	7	12.35	18.2
M358327		2.78	<0.005	0.01	0.09	<5	30	0.08	0.04	20.8	0.06	1.27	1.4	<1	0.31	1.9
M358328		2.75	0.025	0.44	8.00	26.1	2460	1.52	1.48	0.82	0.50	57.0	7.9	7	14.55	25.9
M358329		3.32	0.529	53.6	6.54	675	170	1.30	194.0	0.99	49.2	64.1	6.3	7	10.15	4130
M358330		2.29	0.042	1.10	7.60	35.4	1200	1.70	4.01	1.02	0.73	46.7	9.1	8	19.05	59.2
M358331		5.99	0.025	0.37	7.46	16.3	2260	1.56	2.15	1.77	0.24	45.2	7.8	10	12.95	51.0
M358332		2.72	0.048	0.52	7.51	13.9	840	1.57	1.74	2.18	3.35	59.1	14.0	8	16.70	40.9
M358333		4.61	0.054	0.47	7.67	24.3	660	1.72	2.60	1.99	0.64	55.0	18.7	9	16.00	33.8
M358334		2.97	0.173	1.34	7.04	64.8	350	1.46	5.32	1.24	1.08	56.6	20.1	7	16.10	37.3
M358335		5.16	0.026	1.26	7.30	34.8	1550	1.64	3.86	1.89	1.15	57.9	7.6	9	16.25	20.5
M358336		0.25	2.28	26.7	5.85	2680	700	1.37	20.4	2.16	79.1	41.8	11.2	19	15.20	431
M358337		2.53	0.026	0.80	7.49	34.6	2480	1.52	1.72	1.25	1.55	56.8	9.4	8	15.15	109.0
M358338		Not Recvd														
M358339		3.74	0.011	1.07	7.05	25.8	2940	1.34	2.53	1.91	1.23	46.8	9.5	9	12.05	88.0
M358340		3.08	0.115	1.97	6.85	120.0	1180	1.58	4.55	1.87	4.90	50.7	13.1	7	20.9	156.0
M358341		3.02	0.086	0.52	7.54	39.9	2130	1.60	1.00	2.17	2.64	48.3	6.7	11	14.70	37.3
M358342		6.33	0.005	0.10	7.52	9.0	2390	1.52	0.36	2.43	0.31	49.0	6.1	11	7.36	10.0
M358343		2.56	0.007	0.19	7.43	13.0	2470	1.37	0.85	2.31	0.39	48.3	7.0	11	8.20	19.2



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Project: Klaza-116

**CERTIFICATE OF ANALYSIS WH12201431**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358307		3.02	18.85	0.15	1.3	0.228	2.82	28.0	11.0	0.91	510	1.08	2.11	8.5	2.9	620
M358308		3.05	18.20	0.15	1.2	0.295	2.64	27.7	7.7	0.73	433	1.54	2.05	8.3	3.0	580
M358309		3.07	18.55	0.14	1.3	0.299	2.65	28.2	8.0	0.73	436	1.77	2.10	8.4	2.8	590
M358310		3.03	15.45	0.14	1.0	0.398	2.52	21.5	10.0	0.50	391	4.39	0.75	6.5	3.7	470
M358311		3.02	19.30	0.17	1.4	0.212	3.03	43.2	11.6	0.82	454	1.14	2.05	9.0	2.8	610
M358312		3.24	18.55	0.16	1.1	0.239	2.34	33.7	10.1	0.83	467	3.76	1.97	8.2	4.3	600
M358313		2.92	18.20	0.16	1.1	0.347	2.33	41.6	8.4	0.93	461	1.82	2.16	8.5	3.8	630
M358314		5.61	15.65	0.17	0.8	0.272	1.14	52.9	12.2	0.75	377	37.3	1.91	6.6	6.7	470
M358315		0.47	0.26	0.07	<0.1	0.005	0.03	0.6	1.3	12.75	207	0.29	0.01	0.3	1.6	170
M358316		2.86	18.50	0.14	1.3	0.225	1.99	34.9	13.4	0.84	441	9.09	2.30	8.2	2.4	560
M358317		2.91	18.85	0.15	1.2	0.270	1.76	28.6	13.0	0.82	463	3.09	2.36	8.2	3.5	580
M358318		2.85	14.15	0.13	0.8	0.257	1.45	29.7	9.2	0.65	362	0.98	1.82	6.0	2.7	450
M358319		3.16	19.10	0.15	1.3	0.161	2.48	27.4	13.4	0.86	452	1.64	2.04	8.7	2.9	610
M358320		2.80	16.65	0.13	1.1	0.220	1.91	29.0	8.7	0.75	392	1.27	2.05	7.3	2.5	520
M358321		4.25	19.80	0.15	1.4	0.199	2.74	22.9	12.0	0.68	368	0.78	1.07	7.5	3.1	620
M358322		3.12	20.0	0.13	1.5	0.309	2.77	25.0	12.5	0.80	378	1.01	1.70	8.4	3.3	630
M358323		6.64	17.25	0.17	0.9	1.805	2.66	21.6	21.5	0.90	1930	14.80	0.04	6.3	18.5	450
M358324		2.88	19.20	0.14	1.3	0.160	2.55	22.1	10.0	0.76	369	0.88	2.19	8.3	3.0	570
M358325		2.98	18.15	0.14	1.3	0.137	2.65	25.2	14.7	0.69	392	2.88	1.39	8.2	3.6	590
M358326		5.73	20.5	0.18	1.3	0.164	3.16	21.3	15.0	0.51	439	3.00	0.10	6.6	2.9	540
M358327		0.49	0.36	0.06	<0.1	0.005	0.04	0.6	1.2	12.45	210	0.22	0.01	0.3	2.2	160
M358328		3.27	19.15	0.16	1.3	0.207	3.18	32.7	22.9	0.45	597	1.61	0.08	8.0	2.4	610
M358329		6.66	18.60	0.21	1.1	3.17	3.07	36.7	9.9	0.56	532	6.44	0.04	5.7	2.5	400
M358330		3.75	19.60	0.14	1.3	0.221	3.65	26.2	14.1	0.63	435	3.21	0.40	7.2	2.8	600
M358331		3.34	19.15	0.14	1.4	0.117	3.01	24.2	15.2	0.84	356	3.94	1.31	8.3	3.2	600
M358332		2.71	19.60	0.15	1.3	0.085	3.41	31.7	10.5	0.58	350	2.40	0.96	7.1	2.7	600
M358333		2.85	19.55	0.15	1.3	0.145	3.30	31.5	16.0	0.75	425	3.03	0.19	7.1	2.8	600
M358334		4.61	18.75	0.18	1.1	0.419	3.38	34.4	10.7	0.67	836	11.65	0.06	5.8	2.6	540
M358335		3.51	18.90	0.15	1.2	0.280	3.32	32.8	25.2	0.69	704	1.76	0.20	8.1	3.0	610
M358336		6.50	16.30	0.19	0.9	1.775	2.62	23.0	22.2	0.89	1860	14.25	0.04	6.3	16.7	450
M358337		2.95	19.40	0.15	1.2	0.321	3.68	33.4	18.6	0.54	586	1.26	0.55	8.4	2.6	600
M358338																
M358339		2.94	18.50	0.14	1.1	0.261	3.55	25.8	10.8	0.60	578	4.64	1.20	8.0	3.1	540
M358340		3.41	17.35	0.16	1.1	0.404	3.00	29.1	26.9	0.62	1930	2.01	0.08	7.2	3.1	530
M358341		3.54	16.40	0.12	1.6	0.146	3.02	24.9	30.1	0.72	931	2.12	1.03	8.2	2.8	620
M358342		2.96	16.35	0.14	1.5	0.065	2.71	26.2	9.5	0.87	542	1.24	2.35	8.2	2.5	620
M358343		2.91	16.40	0.14	1.3	0.134	2.85	26.7	11.4	0.83	525	1.17	2.29	7.8	2.7	580



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358307		27.5	110.0	<0.002	0.39	3.38	11.6	1	2.9	356	0.73	0.13	14.4	0.265	4.3
M358308		29.8	93.9	<0.002	1.39	2.70	11.1	2	3.6	329	0.68	0.36	12.3	0.248	4.5
M358309		31.2	91.0	<0.002	1.46	2.73	11.4	2	3.6	333	0.69	0.35	12.2	0.249	4.3
M358310		76.9	130.0	<0.002	1.90	5.68	9.3	2	3.2	121.5	0.54	0.57	11.8	0.201	3.9
M358311		31.7	115.5	<0.002	0.83	2.60	11.6	2	3.3	326	0.75	0.32	14.8	0.253	4.9
M358312		25.7	93.2	<0.002	1.13	3.21	10.9	2	3.4	308	0.67	0.18	12.8	0.248	4.2
M358313		45.7	94.6	<0.002	1.12	3.50	11.8	2	4.2	307	0.69	0.23	13.4	0.263	4.9
M358314		55.9	62.4	0.002	4.70	3.83	9.9	3	4.0	259	0.53	0.61	10.9	0.192	4.2
M358315		1.5	2.0	<0.002	<0.01	<0.05	0.2	1	<0.2	48.5	<0.05	<0.05	0.2	<0.005	0.6
M358316		36.7	85.8	<0.002	0.95	3.73	10.7	1	3.7	302	0.72	0.20	12.6	0.238	3.9
M358317		70.3	81.3	<0.002	0.98	3.46	11.3	2	3.5	288	0.69	0.23	13.2	0.245	4.1
M358318		57.5	85.5	<0.002	1.55	3.32	8.9	2	3.2	179.5	0.50	0.34	11.2	0.189	4.1
M358319		20.3	96.4	<0.002	0.27	3.51	12.3	1	3.1	311	0.73	0.38	14.7	0.257	3.9
M358320		39.9	88.0	<0.002	0.73	3.20	10.2	2	2.9	263	0.60	0.20	13.3	0.223	4.1
M358321		32.3	124.0	<0.002	2.77	5.79	11.8	2	5.0	166.0	0.63	0.70	13.8	0.224	6.0
M358322		34.2	106.0	<0.002	0.80	4.09	11.4	1	3.2	256	0.72	0.81	13.0	0.242	4.0
M358323		2860	168.0	0.002	4.83	92.6	9.1	2	8.4	92.9	0.50	0.40	10.7	0.185	5.5
M358324		19.6	94.8	<0.002	0.49	2.45	10.9	1	2.2	344	0.69	0.27	11.7	0.238	3.5
M358325		27.2	113.0	<0.002	0.78	4.35	11.0	1	2.6	208	0.67	0.27	12.8	0.243	3.4
M358326		50.5	159.0	<0.002	4.92	12.00	10.8	2	7.0	65.6	0.56	0.78	12.5	0.197	5.0
M358327		1.5	2.7	<0.002	<0.01	0.08	0.5	1	<0.2	41.9	<0.05	<0.05	0.2	<0.005	0.6
M358328		32.3	154.5	<0.002	1.16	13.30	11.5	1	4.0	61.7	0.66	0.23	15.1	0.246	5.3
M358329		1485	197.0	<0.002	6.65	446	9.9	3	15.5	32.1	0.49	1.16	12.2	0.177	3.5
M358330		47.1	185.0	<0.002	1.97	10.90	11.3	2	3.8	81.6	0.63	0.58	14.9	0.224	7.2
M358331		23.3	124.0	<0.002	0.85	4.91	11.9	1	2.8	211	0.71	0.28	13.8	0.246	3.5
M358332		104.5	160.0	<0.002	1.51	3.79	11.2	2	3.5	172.5	0.61	0.36	13.7	0.215	4.8
M358333		37.2	165.0	<0.002	1.78	8.28	11.3	2	4.7	121.5	0.61	0.47	13.8	0.221	6.4
M358334		58.4	173.0	<0.002	3.46	16.95	10.5	2	9.0	46.9	0.48	0.82	12.6	0.182	5.8
M358335		55.1	147.5	<0.002	1.55	7.65	12.1	2	4.6	103.5	0.63	0.24	13.3	0.250	6.6
M358336		2790	173.5	<0.002	4.74	90.8	8.7	2	8.2	92.4	0.50	0.38	10.5	0.181	5.3
M358337		46.7	168.0	<0.002	0.76	18.25	11.9	1	3.3	109.5	0.67	0.15	14.3	0.242	10.2
M358338															
M358339		37.3	155.5	<0.002	0.85	6.87	10.8	1	2.6	210	0.65	0.17	12.7	0.229	4.2
M358340		137.0	159.0	<0.002	1.73	28.3	10.3	2	3.8	105.0	0.59	0.14	12.5	0.222	4.4
M358341		62.7	124.0	<0.002	0.45	7.87	11.9	1	2.3	231	0.68	0.05	12.9	0.263	4.2
M358342		18.4	106.0	<0.002	0.14	1.76	11.0	1	1.7	397	0.67	<0.05	13.9	0.257	4.0
M358343		19.1	117.5	<0.002	0.33	2.64	10.4	1	1.6	356	0.64	0.07	13.7	0.247	4.2





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Project: Klaza-116

**CERTIFICATE OF ANALYSIS WH12201431**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358307		72	1.4	17.0	73	38.6	1
M358308		68	1.2	17.1	89	36.0	1
M358309		69	1.2	17.3	94	36.4	1
M358310		71	2.2	14.5	163	30.1	2
M358311		70	1.2	19.0	58	40.8	1
M358312		72	1.0	17.3	80	34.3	<1
M358313		72	1.1	17.6	153	31.8	<1
M358314		49	0.8	19.2	121	24.3	<1
M358315		3	0.1	0.8	16	<0.5	1
M358316		65	1.3	16.4	95	37.3	<1
M358317		68	1.3	16.8	192	33.9	<1
M358318		57	1.5	14.0	158	24.8	1
M358319		70	1.5	17.4	54	37.3	<1
M358320		62	1.3	15.1	101	31.9	<1
M358321		66	3.6	15.4	48	41.4	1
M358322		68	2.3	15.7	51	45.3	2
M358323		57	5.5	10.1	5460	26.7	25
M358324		65	1.5	15.4	42	39.9	<1
M358325		70	2.9	16.6	71	40.3	<1
M358326		63	6.4	14.5	91	37.9	1
M358327		3	0.1	0.9	13	0.5	<1
M358328		69	8.0	15.5	83	39.3	<1
M358329		56	8.9	12.7	3500	31.2	51
M358330		72	3.8	15.8	106	38.8	1
M358331		71	1.8	15.2	51	40.8	<1
M358332		68	2.9	16.3	225	36.8	<1
M358333		70	3.9	15.9	76	37.4	<1
M358334		64	6.0	13.1	150	34.8	1
M358335		73	3.9	16.2	147	35.5	1
M358336		55	5.4	10.2	5410	26.3	26
M358337		68	2.9	17.6	167	36.0	1
M358338							
M358339		65	2.6	14.5	127	34.3	1
M358340		63	4.0	14.4	439	33.2	2
M358341		74	4.0	16.9	267	42.6	1
M358342		70	3.3	17.5	52	40.6	1
M358343		69	1.9	16.3	58	37.1	1



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**CERTIFICATE OF ANALYSIS WH12201431**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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**CERTIFICATE WH12201432**

Project: Klaza-116

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12201432**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358344		6.66	0.010	0.20	7.31	15.8	2410	1.55	1.33	2.22	0.26	45.8	6.9	12	6.66	14.2
M358345		4.11	0.067	0.35	7.04	18.1	2380	1.47	2.03	2.17	0.77	46.9	8.1	13	6.76	35.2
M358346		2.98	0.010	0.58	7.40	14.2	2520	1.59	2.91	2.26	0.61	46.9	5.6	10	6.81	63.5
M358347		3.16	0.022	0.98	6.40	16.0	2510	1.09	4.26	1.93	1.12	55.4	9.7	12	4.46	141.0
M358348		0.26	2.28	24.4	5.89	3410	1540	1.19	19.15	2.17	84.4	45.6	10.4	19	14.70	440
M358349		3.38	0.007	0.31	7.39	12.0	2570	1.51	2.04	2.30	0.64	45.0	9.3	10	6.34	26.1
M358350		5.94	<0.005	0.29	7.03	7.9	2300	1.46	1.65	2.45	0.33	45.1	6.6	12	8.04	16.5
M358351		2.41	0.292	33.7	7.26	595	610	1.48	137.5	2.46	12.65	52.0	5.9	8	16.00	745
M358352		3.28	<0.005	0.02	0.08	<5	70	0.06	0.07	21.1	0.08	1.35	1.4	<1	0.28	3.0
M358353		6.62	0.026	0.95	7.08	14.8	2290	1.44	5.86	2.64	0.54	46.0	6.8	11	8.01	71.7
M358354		4.10	0.031	0.29	7.22	12.6	2270	1.40	1.91	2.24	0.32	47.2	7.2	10	6.46	19.0
M358355		2.53	0.032	0.24	7.18	9.7	2310	1.41	2.20	2.21	0.10	46.1	6.6	10	7.07	17.8
M358356		1.99	0.005	0.15	7.34	11.2	2350	1.48	1.02	2.31	0.09	47.2	7.2	12	6.05	13.8
M358357		5.03	0.008	0.18	7.31	13.3	2360	1.37	1.21	2.37	0.11	46.5	7.1	13	6.11	15.1
M358358		2.59	0.021	0.17	7.22	13.6	2320	1.43	1.02	2.31	0.13	49.6	6.6	10	6.38	18.3
M358359		7.47	0.008	0.17	7.17	11.5	2320	1.42	1.08	2.41	0.14	44.6	7.1	11	5.56	12.8
M358360		6.85	0.010	0.25	7.24	9.9	2370	1.46	4.00	2.30	0.13	43.4	6.5	13	7.40	34.1
M358361		<0.02	0.009	0.23	7.33	10.8	2340	1.50	3.21	2.31	0.12	47.2	6.6	10	7.53	32.8
M358362		7.43	0.015	0.23	7.21	10.5	2270	1.43	0.90	2.74	0.34	46.0	7.8	14	9.14	18.2
M358363		0.26	4.26	>100	5.43	8030	1360	0.91	58.1	1.91	219	36.3	8.4	18	10.75	1270
M358364		4.19	0.005	0.33	7.06	11.8	2300	1.40	0.74	2.51	0.36	43.5	6.6	10	11.80	25.6
M358365		2.29	0.020	0.57	7.78	28.0	1760	1.46	1.67	1.43	0.76	50.7	8.6	9	19.70	28.8
M358366		4.91	0.225	34.1	5.52	483	690	1.11	135.0	0.94	2.63	41.6	5.7	7	11.00	2080
M358367		3.98	<0.005	0.03	0.07	6	30	0.05	0.09	20.6	0.06	1.28	1.1	<1	0.32	3.2
M358368		2.42	0.006	0.34	7.60	33.2	1950	1.43	0.92	1.08	0.52	52.7	6.6	8	20.3	23.2
M358369		2.53	0.056	0.71	7.77	30.3	2320	1.20	3.74	0.66	0.74	47.0	9.0	7	14.15	42.2
M358370		3.27	<0.005	0.10	7.96	8.1	2430	1.23	0.38	1.07	0.20	53.0	5.6	11	9.98	3.5
M358371		2.65	0.030	0.96	7.34	30.3	2370	1.26	2.29	0.95	2.56	38.0	7.1	10	9.11	43.0
M358372		3.01	<0.005	0.25	7.25	10.6	2350	1.37	0.59	1.96	0.46	36.1	9.2	10	9.66	7.3
M358373		2.51	0.025	0.42	7.37	20.5	2020	1.21	0.95	0.94	1.05	48.1	4.6	8	8.36	34.1
M358374		5.86	0.022	0.54	7.30	14.6	2800	1.33	1.40	1.72	1.19	41.3	14.3	10	13.15	53.8
M358375		2.53	0.080	0.53	6.21	13.7	1030	1.35	1.63	2.85	1.67	38.3	16.3	9	14.20	72.6
M358376		3.91	0.154	0.54	7.37	12.1	2640	1.47	1.76	2.36	0.72	53.1	6.3	9	11.25	68.6
M358377		5.45	0.030	0.34	7.55	20.0	2350	1.40	1.27	2.44	0.65	48.5	5.4	9	11.30	17.6
M358378		3.13	0.049	0.25	7.26	28.4	2920	1.40	1.00	3.65	0.42	55.1	5.9	13	13.95	18.6
M358379		2.57	0.043	0.63	7.44	24.4	2130	1.43	1.84	2.65	0.91	56.2	4.9	9	12.90	17.4



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Project: Klaza-116

**CERTIFICATE OF ANALYSIS WH12201432**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358344		2.88	17.50	0.16	1.4	0.117	2.91	23.6	12.0	0.83	513	1.95	2.28	8.0	2.8	580
M358345		2.82	16.80	0.17	1.4	0.157	2.86	24.8	11.1	0.75	497	3.51	1.94	7.7	2.9	560
M358346		3.06	17.85	0.18	1.5	0.169	3.05	23.8	12.3	0.84	593	7.03	2.08	8.1	2.6	620
M358347		2.33	16.20	0.14	1.0	0.268	2.99	31.5	10.3	0.65	457	27.0	1.33	6.0	3.0	480
M358348		6.34	15.30	0.18	0.9	1.660	2.67	25.3	22.1	0.89	1900	13.75	0.04	5.9	15.9	430
M358349		2.84	17.45	0.14	1.5	0.121	3.20	23.0	12.6	0.78	528	6.19	2.13	7.9	2.6	590
M358350		2.79	17.80	0.16	1.4	0.107	2.88	21.9	14.0	0.76	548	1.36	2.29	8.1	2.9	600
M358351		5.22	16.75	0.20	1.3	0.516	3.34	28.5	14.4	0.81	1440	1.77	0.44	6.8	2.7	540
M358352		0.48	0.33	0.10	<0.1	0.005	0.03	0.7	1.2	13.20	216	0.51	0.01	0.4	3.1	170
M358353		3.03	17.50	0.15	1.4	0.299	2.98	22.3	11.5	0.88	568	1.01	2.04	8.3	2.8	610
M358354		2.88	17.60	0.17	1.5	0.126	2.83	23.5	9.9	0.83	479	2.53	2.29	8.2	2.8	590
M358355		2.96	17.30	0.15	1.6	0.124	2.77	23.1	9.6	0.74	460	1.03	2.16	8.0	2.9	570
M358356		2.99	17.95	0.15	1.7	0.082	2.83	23.4	9.1	0.82	485	1.26	2.46	8.4	2.8	590
M358357		3.12	17.80	0.16	1.4	0.087	2.72	22.9	9.4	0.91	535	1.24	2.45	8.3	3.1	620
M358358		2.93	17.35	0.16	1.4	0.094	2.67	24.9	9.1	0.86	497	1.06	2.39	7.9	2.7	590
M358359		2.86	17.40	0.16	1.4	0.088	2.72	22.2	8.6	0.79	500	1.33	2.37	8.1	2.9	590
M358360		2.95	17.30	0.16	1.5	0.140	2.76	21.5	11.7	0.82	489	2.88	2.43	7.9	2.9	600
M358361		2.90	17.80	0.16	1.5	0.135	2.72	24.0	11.6	0.82	482	2.92	2.41	8.1	2.7	580
M358362		2.97	17.20	0.17	1.5	0.104	2.83	23.5	13.2	0.78	534	1.45	2.17	7.9	2.9	580
M358363		7.73	13.55	0.23	1.1	4.58	2.32	19.3	24.0	0.62	3000	15.20	0.08	5.4	13.4	450
M358364		3.03	17.30	0.14	1.4	0.119	2.73	20.8	12.2	0.79	567	1.69	2.23	8.0	2.6	640
M358365		3.21	17.80	0.13	1.3	0.169	2.84	27.5	30.0	0.53	660	1.22	0.53	7.9	2.7	610
M358366		4.96	12.90	0.21	1.0	0.921	2.29	23.6	24.1	0.35	632	16.90	0.04	5.5	2.8	430
M358367		0.50	0.22	<0.05	<0.1	0.006	0.03	0.6	0.9	12.45	218	0.97	0.01	0.3	1.7	160
M358368		3.02	17.00	0.10	1.7	0.134	2.70	29.0	44.2	0.48	737	2.16	0.07	8.2	2.3	620
M358369		3.58	18.45	0.11	1.7	0.134	2.77	24.8	29.8	0.39	714	1.69	0.08	9.0	2.2	650
M358370		2.91	16.70	0.12	1.6	0.079	2.76	26.7	31.6	0.46	499	1.86	0.48	9.1	2.8	610
M358371		2.96	17.15	0.13	1.3	0.136	2.79	18.8	29.5	0.32	723	1.37	0.22	8.7	2.8	620
M358372		2.72	15.45	0.14	1.2	0.076	2.91	18.1	14.8	0.58	475	0.57	1.26	8.0	2.4	600
M358373		3.17	16.70	0.10	1.6	0.120	2.06	26.1	26.4	0.31	684	0.82	0.11	8.0	1.9	550
M358374		3.02	16.85	0.10	1.4	0.207	2.84	19.6	15.3	0.79	408	2.75	1.15	8.1	2.5	590
M358375		2.04	15.45	0.09	1.1	0.150	2.24	21.2	18.2	0.53	494	19.25	0.68	6.1	1.8	450
M358376		3.10	17.00	0.10	1.4	0.158	2.89	27.9	11.0	0.84	468	0.93	1.75	7.8	2.2	560
M358377		3.47	16.60	0.11	1.5	0.182	2.91	24.7	15.4	0.81	533	1.17	1.52	8.2	2.2	610
M358378		3.10	17.05	0.11	1.5	0.188	3.00	29.7	14.3	0.72	941	6.03	1.15	8.3	2.4	590
M358379		3.61	17.00	0.12	1.4	0.191	2.95	29.5	9.9	0.81	526	1.03	2.01	8.6	2.2	570



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Project: Klaza-116

**CERTIFICATE OF ANALYSIS WH12201432**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358344		18.8	99.1	<0.002	0.30	2.85	10.3	1	2.0	386	0.62	0.08	12.7	0.247	3.4
M358345		30.0	108.5	<0.002	0.43	3.00	10.1	1	2.1	339	0.62	0.11	12.9	0.231	3.6
M358346		33.8	106.5	0.002	0.19	2.49	11.0	1	2.3	356	0.66	0.07	12.6	0.255	3.9
M358347		43.2	127.5	0.006	0.52	3.64	9.0	1	1.8	217	0.49	0.21	10.4	0.200	3.2
M358348		2850	159.0	0.002	4.68	102.0	7.8	2	8.1	94.2	0.45	0.37	10.1	0.183	4.5
M358349		28.6	113.0	<0.002	0.33	2.57	10.2	1	1.8	333	0.66	0.09	12.2	0.251	3.8
M358350		20.0	96.9	<0.002	0.10	2.13	10.2	1	1.6	357	0.62	<0.05	10.2	0.252	3.2
M358351		981	156.0	<0.002	3.46	34.3	9.7	3	5.4	135.5	0.54	0.49	13.3	0.226	4.6
M358352		1.7	1.7	<0.002	<0.01	0.08	<0.1	1	<0.2	52.5	<0.05	<0.05	0.2	<0.005	0.5
M358353		29.3	102.0	<0.002	0.40	4.39	9.8	1	2.0	315	0.65	0.14	10.8	0.256	3.5
M358354		17.6	96.6	<0.002	0.31	2.60	9.8	1	1.7	361	0.66	0.10	11.4	0.253	3.2
M358355		14.8	97.5	<0.002	0.46	2.23	9.1	1	2.0	351	0.65	0.20	12.4	0.240	3.4
M358356		14.8	94.8	<0.002	0.30	1.93	9.9	1	1.8	406	0.71	0.12	12.4	0.256	3.7
M358357		13.8	89.1	<0.002	0.21	1.87	10.4	1	1.9	428	0.63	0.07	12.3	0.266	3.5
M358358		14.0	88.5	<0.002	0.22	1.82	10.2	1	1.8	421	0.62	0.08	12.2	0.251	3.6
M358359		15.2	90.5	<0.002	0.27	2.21	9.9	1	1.7	392	0.64	0.07	11.2	0.249	3.5
M358360		15.3	86.4	<0.002	0.21	2.60	9.7	1	1.8	382	0.65	0.12	11.7	0.253	3.4
M358361		14.6	89.8	<0.002	0.21	2.61	10.0	1	1.8	380	0.63	0.12	12.3	0.252	3.5
M358362		18.3	101.0	<0.002	0.27	2.12	10.2	1	1.8	354	0.63	0.10	11.1	0.246	3.4
M358363		9560	130.0	0.002	6.89	214	6.0	2	9.0	124.0	0.40	0.52	8.1	0.184	4.4
M358364		20.7	93.3	<0.002	0.12	2.54	10.0	1	2.0	345	0.63	<0.05	10.0	0.264	3.3
M358365		32.6	116.0	<0.002	0.54	14.85	11.0	1	2.7	139.0	0.61	0.07	13.9	0.254	3.5
M358366		159.0	103.5	<0.002	4.67	623	7.6	12	14.0	42.9	0.43	4.64	9.3	0.188	8.3
M358367		1.4	1.7	<0.002	<0.01	0.34	0.3	1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.5
M358368		13.9	119.5	<0.002	0.54	27.3	10.2	1	2.9	77.1	0.72	0.05	13.1	0.256	5.3
M358369		28.6	122.5	<0.002	0.88	17.55	10.3	1	3.1	65.7	0.75	0.09	12.2	0.277	3.1
M358370		19.0	96.7	<0.002	0.12	10.40	10.3	1	1.5	128.0	0.68	<0.05	13.7	0.275	3.5
M358371		165.0	91.0	<0.002	0.59	17.80	10.0	1	2.5	88.5	0.64	0.08	10.3	0.274	4.0
M358372		23.1	96.6	0.002	0.38	3.88	9.3	2	1.4	230	0.61	<0.05	10.2	0.265	3.6
M358373		25.2	101.0	<0.002	0.49	20.8	9.4	1	2.0	74.1	0.67	<0.05	12.1	0.245	2.8
M358374		41.7	121.0	<0.002	0.60	6.90	9.0	1	2.4	192.0	0.68	0.08	11.2	0.257	3.2
M358375		36.8	120.0	0.004	1.00	7.12	7.3	1	2.2	162.0	0.52	0.54	9.7	0.186	3.6
M358376		26.6	116.0	<0.002	1.11	3.48	8.8	1	3.2	297	0.65	0.44	11.8	0.235	3.0
M358377		29.9	112.5	<0.002	0.60	3.82	9.0	1	2.4	279	0.71	0.12	11.2	0.258	3.4
M358378		20.1	127.5	<0.002	0.79	5.46	9.1	1	2.6	249	0.70	0.10	11.8	0.244	4.9
M358379		59.0	118.0	<0.002	1.39	3.39	9.2	1	2.7	325	0.70	0.19	11.9	0.246	4.0



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**CERTIFICATE OF ANALYSIS WH12201432**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358344		69	1.7	17.3	53	41.7	<1	
M358345		65	1.4	17.2	87	40.9	<1	
M358346		75	1.7	18.3	96	43.8	<1	
M358347		72	1.6	14.7	108	30.9	<1	
M358348		58	7.4	9.7	5400	25.2	25	
M358349		70	1.2	17.3	91	42.9	<1	
M358350		69	1.2	16.1	58	39.7	<1	
M358351		62	4.6	15.4	865	36.4	34	
M358352		2	0.1	0.9	17	0.5	<1	
M358353		73	1.6	16.8	81	39.2	<1	
M358354		69	1.5	16.6	45	42.1	<1	
M358355		66	1.5	16.5	39	46.8	<1	
M358356		70	1.5	17.6	38	49.9	<1	
M358357		76	1.3	17.7	39	42.2	<1	
M358358		70	1.2	17.4	38	39.9	<1	
M358359		69	2.1	16.6	41	40.5	<1	
M358360		69	1.5	15.8	40	42.6	<1	
M358361		69	1.5	16.6	39	43.4	<1	
M358362		68	1.8	17.3	54	41.8	<1	
M358363		53	4.2	8.8	>10000	32.8	118	1.625
M358364		75	4.1	16.4	65	39.5	<1	
M358365		71	3.5	16.8	99	38.8	<1	
M358366		57	10.4	11.2	261	31.8	36	
M358367		2	0.1	0.8	18	<0.5	<1	
M358368		71	5.0	13.9	84	45.6	<1	
M358369		79	5.8	15.4	102	43.9	<1	
M358370		71	8.2	15.2	55	40.1	<1	
M358371		75	6.6	12.1	333	36.2	<1	
M358372		73	1.8	12.1	83	32.8	<1	
M358373		76	4.1	15.2	126	42.4	<1	
M358374		77	1.8	13.1	131	35.8	<1	
M358375		76	4.0	14.3	161	29.2	<1	
M358376		66	4.0	16.1	111	36.7	<1	
M358377		71	2.0	15.8	113	38.4	<1	
M358378		69	2.6	20.3	95	39.2	<1	
M358379		68	1.5	17.8	121	37.0	<1	



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**CERTIFICATE OF ANALYSIS WH12201432**

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





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**CERTIFICATE WH12201433**

Project: Klaza - 119

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12201433**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359234		2.81	<0.005	0.09	8.89	8.3	1150	2.10	0.18	0.48	0.49	67.2	6.8	19	7.82	13.3
M359235		4.55	<0.005	0.14	8.72	9.4	1200	2.34	0.30	0.33	0.40	69.8	8.2	18	12.15	13.8
M359236		2.58	<0.005	0.25	9.26	13.7	2150	1.82	0.40	0.26	0.41	54.0	7.4	8	18.95	21.2
M359237		2.12	<0.005	8.79	8.68	9.8	2110	1.53	0.18	0.40	0.34	53.9	8.1	10	20.3	43.1
M359238		<0.02	<0.005	15.45	8.71	9.7	2120	1.67	0.17	0.39	0.34	53.6	8.0	10	19.90	64.8
M359239		0.70	0.005	>100	8.60	11.5	2140	1.65	0.11	0.68	0.67	58.9	8.5	14	17.70	587
M359240		3.13	<0.005	0.56	8.22	6.7	2470	1.66	0.07	2.05	0.42	49.9	9.0	9	10.50	11.3
M359241		2.20	<0.005	0.23	8.38	11.0	2400	1.64	0.07	1.39	0.37	51.6	8.9	10	13.00	23.3
M359242		1.69	<0.005	0.32	8.07	8.1	1860	1.36	0.06	0.48	0.52	55.4	8.5	8	12.45	9.9
M359243		2.16	<0.005	0.21	8.05	21.0	2440	1.59	0.06	1.72	0.45	53.1	8.6	9	12.80	15.0
M359244		2.85	<0.005	0.22	8.91	22.5	2290	1.66	0.08	0.71	0.49	61.7	9.1	10	15.85	7.6
M359245		3.72	<0.005	0.25	8.67	9.1	2440	1.62	0.10	0.94	0.40	56.7	8.4	9	16.85	9.1
M359246		0.26	0.796	9.62	7.07	1590	1360	1.33	6.20	2.03	45.1	47.8	17.8	21	18.20	110.5
M359247		2.35	<0.005	0.24	9.40	14.6	2170	1.57	0.19	0.21	0.86	63.9	9.9	10	16.95	11.5
M359248		3.23	<0.005	0.18	8.29	11.5	1500	2.16	0.16	0.22	0.34	57.7	4.8	7	21.1	5.4
M359249		3.47	<0.005	0.01	0.16	5	30	0.07	0.03	21.3	0.07	1.50	1.9	<1	0.77	3.3
M359250		1.89	<0.005	0.10	7.70	6.7	840	2.85	0.06	0.22	0.22	61.4	3.0	6	18.50	4.2
M359251		2.97	<0.005	0.09	7.55	6.1	1400	2.29	0.05	0.47	0.24	60.9	2.5	6	16.15	4.3
M359252		5.75	<0.005	0.11	8.14	6.3	1950	2.22	0.02	0.41	0.32	63.1	3.7	9	17.00	4.4
M359253		6.28	<0.005	0.05	8.19	6.0	2150	2.25	0.02	0.42	0.28	60.4	3.8	9	19.70	1.8
M359254		7.19	<0.005	0.09	6.55	28.6	1300	2.19	0.03	3.19	0.39	38.2	4.3	8	22.0	3.7
M359255		7.44	<0.005	0.18	6.33	10.4	1490	2.22	0.03	2.94	0.49	36.5	3.4	7	21.7	5.3
M359256		7.37	<0.005	0.08	6.64	9.3	1870	1.80	0.03	3.01	0.31	41.7	3.3	8	17.35	1.2
M359257		2.99	<0.005	0.03	6.41	8.5	430	2.36	0.04	1.89	0.29	41.0	2.4	6	17.65	1.4
M359258		1.35	<0.005	0.03	6.57	7.4	290	2.32	0.04	1.97	0.21	39.9	1.8	5	18.00	1.0
M359259		6.28	<0.005	0.08	6.61	4.5	680	2.31	0.06	2.09	0.34	47.7	2.2	5	18.70	1.3
M359260		2.40	<0.005	0.05	6.62	7.0	4640	1.87	0.16	1.10	0.15	44.6	2.3	6	18.30	3.4
M359261		0.26	0.812	9.10	6.79	1525	1640	1.26	5.53	1.92	37.8	41.2	15.9	18	14.65	101.5
M359262		4.27	<0.005	0.16	7.47	5.3	>10000	1.38	0.15	1.96	0.19	43.3	6.6	9	23.7	3.7
M359263		4.92	<0.005	0.09	7.14	5.0	2700	1.29	0.16	2.11	0.27	38.7	6.7	11	17.30	4.0
M359264		2.89	<0.005	0.09	7.08	5.2	2060	1.49	0.10	2.24	0.28	41.4	6.3	8	19.00	4.9
M359265		3.81	<0.005	0.09	7.11	3.5	1990	1.32	0.09	2.31	0.24	39.2	6.5	13	21.7	3.7
M359266		2.67	0.027	11.45	6.91	14.6	1490	1.65	0.51	2.57	41.6	39.0	7.1	6	19.95	77.6
M359267		4.07	<0.005	0.16	0.11	<5	20	0.09	<0.01	22.2	0.07	1.07	0.8	<1	0.27	1.3
M359268		7.13	<0.005	0.49	7.12	6.1	2660	1.28	0.30	2.77	0.77	38.2	6.3	8	19.45	7.8
M359269		4.15	<0.005	0.11	7.36	4.8	1480	1.20	0.33	2.00	0.13	38.9	6.2	14	20.1	3.2



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359234		2.41	22.1	0.14	2.1	0.030	1.57	34.7	184.0	0.24	847	2.02	0.32	10.2	7.6	860
M359235		2.66	21.7	0.15	3.2	0.031	2.62	37.7	126.5	0.16	722	1.96	0.10	11.6	7.5	1000
M359236		2.60	20.2	0.15	2.0	0.037	3.87	27.6	70.3	0.30	734	1.96	0.54	10.9	3.6	590
M359237		3.05	19.35	0.19	1.4	0.038	3.22	29.3	42.1	0.35	586	1.69	0.89	8.5	5.0	680
M359238		3.05	18.80	0.17	1.4	0.038	3.23	29.2	40.1	0.35	584	1.62	0.90	8.6	5.7	670
M359239		3.03	18.90	0.18	1.4	0.039	3.07	30.2	30.3	0.42	887	1.70	1.17	8.5	23.2	660
M359240		3.17	18.35	0.17	1.4	0.041	2.86	25.2	30.2	0.74	1420	1.34	2.36	8.3	3.7	650
M359241		3.10	19.55	0.18	1.5	0.039	2.93	26.6	29.6	0.43	771	1.73	2.23	9.4	3.6	730
M359242		2.84	17.80	0.17	1.4	0.036	2.82	30.1	64.5	0.22	1100	2.07	1.27	8.1	2.9	710
M359243		3.03	18.75	0.18	1.4	0.037	2.87	25.8	22.3	0.49	782	1.53	2.31	8.4	3.5	710
M359244		3.12	20.0	0.17	1.7	0.041	3.35	31.2	59.3	0.24	1350	2.82	1.09	9.5	3.0	750
M359245		3.13	19.30	0.18	1.6	0.038	3.08	28.2	54.6	0.32	806	1.95	1.55	9.8	3.2	750
M359246		5.55	16.70	0.21	1.4	0.925	3.13	24.3	25.7	0.74	2150	13.05	0.29	7.9	16.3	550
M359247		3.13	20.6	0.15	1.7	0.042	3.38	32.9	79.8	0.18	1060	3.97	0.26	9.5	2.9	720
M359248		2.15	19.30	0.14	2.1	0.031	3.25	31.5	128.5	0.20	1100	4.14	0.09	10.5	2.3	480
M359249		0.51	0.56	0.15	<0.1	0.005	0.07	0.7	2.1	13.35	224	0.17	0.01	0.4	3.3	200
M359250		1.35	18.50	0.20	2.4	0.017	2.19	30.4	196.5	0.17	518	2.66	0.04	10.7	1.5	350
M359251		1.33	18.15	0.17	2.3	0.018	3.13	31.6	134.5	0.18	486	2.13	0.16	10.6	1.5	370
M359252		1.95	19.80	0.16	2.1	0.023	3.63	33.3	85.4	0.27	686	1.94	1.15	10.6	2.3	530
M359253		1.93	19.95	0.16	2.1	0.023	3.32	32.3	103.0	0.26	646	2.28	0.21	10.6	2.1	540
M359254		1.71	18.90	0.17	1.9	0.022	2.95	17.0	113.5	0.23	612	1.34	0.12	10.3	2.1	490
M359255		1.78	18.40	0.15	1.8	0.023	2.53	16.7	149.0	0.27	618	1.29	0.09	9.7	2.0	460
M359256		1.78	17.55	0.14	1.9	0.022	2.78	19.9	89.0	0.46	528	1.23	0.16	9.9	2.2	450
M359257		1.30	16.95	0.14	2.1	0.015	2.24	20.1	209	0.21	339	1.03	0.07	9.7	1.3	290
M359258		1.22	17.40	0.14	2.3	0.013	2.27	19.5	239	0.23	282	0.94	0.03	10.0	1.4	270
M359259		1.21	16.40	0.14	2.1	0.015	2.20	24.5	178.0	0.54	490	0.91	0.03	9.3	1.2	270
M359260		1.11	15.65	0.12	2.3	0.013	2.64	23.7	151.5	0.40	476	1.14	0.08	10.0	1.2	190
M359261		5.33	14.05	0.11	1.0	0.752	2.92	20.7	22.3	0.72	1980	11.30	0.28	6.8	14.3	500
M359262		2.71	15.00	0.10	0.9	0.033	3.06	22.1	50.6	0.74	971	1.13	0.08	7.2	2.3	580
M359263		2.68	14.50	0.10	0.8	0.036	2.65	19.6	57.0	0.74	928	1.19	0.07	6.7	2.4	570
M359264		2.54	14.60	0.10	1.1	0.024	3.03	20.7	75.2	0.63	785	1.55	0.85	7.1	2.2	500
M359265		2.77	14.30	0.13	1.1	0.030	2.83	19.4	44.9	0.65	971	1.41	1.80	7.1	2.7	550
M359266		2.78	14.40	0.14	0.9	0.070	3.40	19.5	24.6	0.88	3910	1.36	0.09	6.8	2.1	510
M359267		0.49	0.25	0.09	<0.1	0.005	0.05	0.5	1.3	13.45	217	0.13	0.01	0.1	2.1	190
M359268		2.82	13.95	0.11	1.1	0.025	2.62	19.0	57.7	0.99	1460	0.93	0.05	6.7	2.2	540
M359269		2.70	14.25	0.12	0.8	0.030	2.54	19.7	160.0	0.77	852	1.40	0.07	6.6	2.3	570



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**CERTIFICATE OF ANALYSIS WH12201433**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359234		16.7	70.3	<0.002	0.01	16.00	8.4	1	1.7	172.5	0.80	<0.05	13.9	0.260	0.64	4.0
M359235		25.7	103.0	<0.002	0.01	11.00	8.3	1	1.8	181.5	0.91	<0.05	13.8	0.294	1.09	5.0
M359236		40.4	162.0	<0.002	<0.01	13.25	11.0	1	3.8	107.5	1.03	<0.05	19.5	0.235	1.60	5.6
M359237		29.4	151.0	<0.002	<0.01	10.75	12.6	1	2.3	123.5	0.72	<0.05	17.5	0.274	1.32	3.7
M359238		28.5	150.0	<0.002	<0.01	10.55	12.6	1	2.2	122.0	0.69	<0.05	17.0	0.272	1.29	3.6
M359239		26.3	140.5	0.003	<0.01	12.00	12.7	1	1.7	157.5	0.71	<0.05	17.4	0.263	1.20	4.0
M359240		16.8	119.0	<0.002	<0.01	3.06	13.5	1	1.8	371	0.67	<0.05	14.3	0.279	1.03	2.0
M359241		17.3	133.0	<0.002	<0.01	3.47	12.6	1	3.5	314	0.70	<0.05	16.3	0.283	1.07	3.3
M359242		18.0	124.0	<0.002	<0.01	8.03	11.9	1	2.0	162.5	0.69	<0.05	16.2	0.264	1.07	3.3
M359243		25.0	117.0	<0.002	<0.01	3.45	12.3	1	2.7	351	0.66	<0.05	14.9	0.271	0.98	2.4
M359244		18.6	150.0	<0.002	<0.01	12.40	13.1	1	2.0	183.5	0.80	<0.05	18.3	0.291	1.42	4.3
M359245		18.7	141.5	<0.002	0.01	8.41	12.5	1	2.1	232	0.88	<0.05	16.9	0.284	1.15	3.5
M359246		1465	174.0	0.002	3.22	37.5	9.4	2	6.1	164.0	0.63	0.32	13.0	0.220	2.41	4.6
M359247		36.6	153.5	<0.002	<0.01	9.98	13.4	1	2.8	94.3	0.80	<0.05	20.6	0.288	1.30	5.1
M359248		22.3	144.0	<0.002	0.01	13.75	8.1	1	2.5	123.5	0.98	<0.05	17.3	0.197	1.47	5.8
M359249		1.2	5.0	<0.002	<0.01	0.05	0.2	1	<0.2	47.5	<0.05	<0.05	<0.2	0.006	0.03	0.5
M359250		23.1	95.2	<0.002	0.01	6.92	4.0	1	1.6	169.0	1.00	<0.05	16.4	0.134	0.92	5.5
M359251		23.1	123.5	<0.002	0.01	6.31	4.1	1	1.4	247	0.99	<0.05	16.0	0.141	1.23	4.1
M359252		23.6	150.5	<0.002	0.01	4.99	5.5	1	1.6	155.5	0.93	<0.05	14.3	0.203	1.41	3.4
M359253		18.5	139.0	<0.002	0.02	7.05	5.6	1	1.3	180.5	0.92	<0.05	13.2	0.207	1.41	3.6
M359254		25.9	94.2	<0.002	0.01	6.14	4.4	1	1.5	325	0.84	<0.05	7.6	0.199	1.40	2.9
M359255		29.1	79.8	<0.002	0.02	9.51	4.4	1	1.3	395	0.82	<0.05	7.3	0.190	1.32	3.3
M359256		24.6	85.4	<0.002	0.03	7.65	4.2	1	1.3	343	0.84	<0.05	8.5	0.180	1.51	3.4
M359257		25.0	84.4	<0.002	<0.01	7.57	3.3	1	1.2	257	0.95	<0.05	10.6	0.115	1.15	2.9
M359258		20.5	84.7	<0.002	<0.01	7.90	3.1	1	1.2	279	1.01	<0.05	10.4	0.114	1.26	2.7
M359259		23.2	83.3	<0.002	0.02	8.33	3.5	1	1.5	309	0.93	<0.05	13.2	0.117	1.18	7.8
M359260		15.0	110.0	<0.002	0.12	17.55	3.2	1	1.6	289	1.12	<0.05	15.2	0.090	1.67	13.1
M359261		1405	148.5	<0.002	3.20	30.4	8.1	1	5.4	146.0	0.56	0.33	10.5	0.214	2.33	4.6
M359262		21.5	120.0	<0.002	0.30	10.95	9.5	1	2.1	334	0.54	<0.05	12.2	0.241	1.60	1.7
M359263		20.8	91.3	<0.002	0.07	15.25	9.2	1	1.7	295	0.53	<0.05	10.0	0.239	1.32	1.5
M359264		27.1	99.8	<0.002	0.03	9.75	8.3	1	1.6	282	0.64	<0.05	14.7	0.224	1.29	3.5
M359265		20.9	107.5	<0.002	<0.01	5.30	8.9	1	1.6	366	0.59	<0.05	12.7	0.238	1.22	2.7
M359266		81.4	128.0	<0.002	0.33	47.5	8.4	1	1.7	197.0	0.59	<0.05	10.7	0.232	2.03	3.4
M359267		1.2	1.9	0.002	<0.01	0.08	0.3	<1	0.2	36.9	<0.05	<0.05	<0.2	0.005	0.03	0.5
M359268		77.7	90.2	<0.002	0.07	25.4	8.3	1	1.6	248	0.61	<0.05	10.5	0.244	1.55	1.7
M359269		15.7	92.1	<0.002	0.02	22.1	8.8	1	1.5	218	0.57	<0.05	11.3	0.238	1.24	1.6



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359234		61	3.8	11.1	67	64.7	<1
M359235		66	2.4	15.0	75	122.0	<1
M359236		63	3.3	18.3	113	51.7	<1
M359237		77	83.2	20.2	101	39.0	10
M359238		77	140.0	20.2	102	38.9	16
M359239		76	384	19.3	112	39.2	114
M359240		83	2.3	20.8	67	36.7	1
M359241		81	2.1	18.4	69	42.5	<1
M359242		72	3.1	20.4	74	37.8	<1
M359243		76	1.0	18.3	97	38.4	<1
M359244		80	2.6	23.1	82	45.1	<1
M359245		78	5.5	21.7	77	41.8	<1
M359246		63	5.1	12.1	3260	44.5	9
M359247		81	3.2	24.2	131	44.6	<1
M359248		47	2.7	18.5	84	51.8	<1
M359249		4	0.1	0.9	15	<0.5	<1
M359250		23	1.3	12.2	60	64.1	<1
M359251		23	1.6	14.0	60	62.3	<1
M359252		36	1.4	14.5	84	54.9	<1
M359253		38	1.6	14.2	66	52.6	<1
M359254		37	1.5	9.5	71	50.3	<1
M359255		36	1.5	9.2	86	49.5	<1
M359256		34	1.5	10.3	78	49.7	<1
M359257		20	1.8	9.4	59	55.6	<1
M359258		19	1.8	9.1	57	57.7	<1
M359259		21	2.0	11.0	62	55.7	<1
M359260		18	1.8	13.2	46	55.4	<1
M359261		60	4.6	10.6	2970	37.0	10
M359262		66	1.8	15.1	70	28.4	<1
M359263		67	2.0	14.5	76	26.8	<1
M359264		61	1.8	13.5	63	30.1	<1
M359265		66	1.2	14.4	70	28.4	<1
M359266		64	2.1	14.4	4190	26.5	12
M359267		3	0.1	0.8	17	<0.5	<1
M359268		72	2.9	14.2	140	27.3	<1
M359269		68	2.4	13.1	64	23.0	<1



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Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL)
ME-MS61	REE's may not be totally soluble in this method.
ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12201434**

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P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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**1016 - 510 W HASTINGS STREET**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

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Plus Appendix Pages  
Finalized Date: 13-SEP-2012  
Account: ROCKHA

Project: Klaza-119

**CERTIFICATE OF ANALYSIS WH12201434**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359270		7.75	<0.005	0.13	7.01	5.9	2020	1.29	0.56	2.46	0.17	43.6	7.6	9	24.2	4.9
M359271		8.61	<0.005	0.09	6.94	6.0	1870	1.26	0.11	2.70	0.14	37.1	8.0	10	26.4	5.6
M359272		5.66	<0.005	0.04	7.00	5.5	1750	1.27	0.05	2.26	0.26	41.0	6.8	8	24.0	3.5
M359273		3.22	<0.005	0.15	7.00	16.8	3340	1.48	0.08	3.19	0.42	43.5	9.9	8	24.6	11.1
M359274		1.01	<0.005	0.13	6.93	18.0	1740	1.43	0.05	2.93	0.45	43.7	7.0	11	24.5	8.9
M359275		2.73	<0.005	0.30	6.82	18.8	1640	1.47	0.58	2.22	0.37	41.1	9.5	7	23.6	8.6
M359276		2.22	<0.005	0.01	0.22	<5	50	0.11	0.02	20.5	0.05	2.86	1.8	3	0.79	1.7
M359277		4.70	<0.005	0.11	7.26	12.7	1470	1.66	0.06	2.22	0.18	47.8	7.0	8	26.5	14.5
M359278		2.50	<0.005	0.06	6.55	6.8	1100	1.54	0.07	2.74	0.08	37.8	7.2	8	28.5	5.7
M359279		3.75	<0.005	0.08	6.56	7.8	1170	1.48	0.05	3.07	0.11	44.3	6.6	7	24.4	10.9
M359280		2.57	<0.005	0.10	6.47	9.1	1960	1.29	0.17	3.98	0.11	52.5	10.0	7	21.4	3.3
M359281		4.14	<0.005	0.04	7.06	5.8	1020	1.48	0.05	2.70	0.06	48.7	7.1	9	28.7	5.7
M359282		3.31	<0.005	0.08	6.88	12.9	1100	1.50	0.15	3.30	0.07	45.2	6.7	8	24.5	4.1
M359283		2.61	<0.005	0.21	6.68	28.0	1830	1.53	0.44	3.37	0.11	43.7	7.6	7	22.5	4.9
M359284		4.83	<0.005	0.06	6.33	6.1	980	1.36	0.04	3.28	0.08	42.9	6.5	8	20.5	7.6
M359285		3.99	<0.005	0.05	6.53	6.5	1080	1.46	0.05	2.94	0.07	42.7	6.9	7	21.8	8.8
M359286		3.46	<0.005	0.07	6.60	4.9	1230	1.62	0.06	3.49	0.09	42.6	6.7	7	22.8	7.4
M359287		3.38	<0.005	0.10	7.23	8.3	1790	1.34	0.14	1.64	0.09	51.5	7.6	9	32.9	5.5
M359288		0.26	2.35	24.2	5.73	3360	960	1.16	18.20	2.22	76.6	46.6	10.2	18	15.80	442
M359289		4.20	<0.005	0.15	6.93	9.5	1810	1.25	0.12	1.91	0.22	42.6	7.9	10	20.1	8.2
M359290		<0.02	<0.005	0.11	7.46	6.6	1960	1.34	0.09	2.07	0.15	46.9	8.1	10	21.9	9.1
M359291		3.44	<0.005	0.13	6.65	16.6	980	1.46	0.09	3.34	0.15	48.9	7.6	10	22.0	9.8
M359292		5.51	<0.005	0.26	6.52	32.9	1090	1.48	0.21	2.39	0.14	41.4	8.5	11	17.95	11.6
M359293		3.77	0.602	5.65	6.68	1665	580	1.33	0.14	2.34	2.26	40.8	6.0	7	15.70	14.1
M359294		3.19	<0.005	0.22	0.06	<5	10	0.06	0.03	20.9	0.03	1.09	0.7	<1	0.17	2.6
M359295		4.58	<0.005	0.20	7.05	27.6	1720	1.45	0.10	2.60	0.09	38.9	7.4	8	22.2	12.6
M359296		2.77	<0.005	0.25	6.87	18.8	3570	1.37	0.16	3.04	0.10	43.8	8.1	8	21.8	16.8
M359297		4.38	<0.005	0.15	7.51	4.6	2200	1.75	0.08	2.85	0.09	46.8	7.7	10	15.65	14.5
M359298		4.33	<0.005	0.07	7.21	6.3	1950	1.68	0.08	2.85	0.10	40.5	6.8	8	18.50	12.4
M359299		0.26	0.800	9.90	6.87	1775	1150	1.52	5.85	1.91	41.4	44.3	16.8	19	16.65	110.5
M359300		4.63	<0.005	0.38	6.99	7.5	1930	1.53	0.10	3.04	0.12	37.8	7.5	8	17.50	15.9
M359301		2.78	<0.005	0.18	6.97	8.1	1890	1.79	0.09	2.74	0.09	40.1	7.0	10	20.0	9.5
M359302		7.55	<0.005	0.15	7.22	4.1	2070	1.56	0.11	2.69	0.11	41.9	7.4	11	11.40	10.1
M359303		2.68	<0.005	0.13	7.45	5.1	2110	1.65	0.09	2.69	0.09	44.2	7.4	9	12.50	8.8
M359304		3.40	<0.005	0.12	7.44	5.6	2160	1.71	0.10	2.43	0.12	47.0	7.7	9	15.00	9.9
M359305		2.56	<0.005	0.14	7.29	8.8	1990	1.74	0.09	2.70	0.13	47.2	7.9	10	18.25	10.6





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Account: ROCKHA

Project: Klaza-119

**CERTIFICATE OF ANALYSIS WH12201434**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359270		3.05	16.15	0.10	1.4	0.038	2.92	21.7	89.1	0.78	1030	0.85	0.43	8.2	2.6	620
M359271		3.10	16.45	0.10	1.4	0.034	2.88	17.7	105.5	0.67	846	0.91	0.71	8.4	2.4	600
M359272		2.72	16.05	0.11	1.5	0.035	3.05	20.1	93.2	0.68	922	0.93	0.25	8.0	2.3	570
M359273		2.99	15.45	0.11	1.3	0.044	3.52	21.9	25.7	0.84	2570	1.03	0.07	7.9	2.3	590
M359274		2.87	15.45	0.11	1.3	0.043	3.39	22.2	21.5	0.80	2430	0.86	0.08	7.8	2.5	570
M359275		2.88	15.55	0.10	1.4	0.067	3.33	20.5	11.8	0.65	2580	1.40	0.03	8.0	2.4	570
M359276		0.50	0.58	0.05	<0.1	<0.005	0.10	1.5	2.4	12.35	216	0.14	0.01	0.4	3.7	170
M359277		2.88	16.85	0.11	1.5	0.054	3.34	24.3	27.2	0.73	2120	1.22	0.04	8.8	2.5	600
M359278		2.65	16.55	0.09	1.4	0.040	3.44	18.1	58.3	0.50	1250	0.97	0.08	8.9	2.5	570
M359279		2.86	15.30	0.10	1.4	0.042	3.17	22.3	13.7	0.81	1740	0.69	0.05	8.4	2.3	540
M359280		3.10	14.10	0.11	1.2	0.057	2.97	28.5	11.4	1.09	2330	1.53	0.04	7.3	2.5	470
M359281		2.97	15.85	0.11	1.4	0.041	3.37	25.6	12.3	0.80	1220	0.63	0.05	8.5	2.5	560
M359282		3.04	15.75	0.10	1.4	0.040	3.09	21.8	45.5	0.77	1110	0.59	0.25	9.0	2.4	630
M359283		2.84	15.15	0.10	1.2	0.035	2.89	22.6	39.4	0.95	1140	0.71	0.07	7.8	2.0	520
M359284		2.77	14.10	0.10	1.3	0.034	2.84	21.9	79.9	0.87	1260	0.58	0.06	7.6	2.4	520
M359285		2.79	15.15	0.11	1.3	0.033	2.90	21.6	32.7	0.79	1430	0.52	0.10	7.9	2.3	510
M359286		2.90	16.80	0.10	1.2	0.038	3.21	21.8	14.8	0.90	2000	0.66	0.25	7.2	2.4	510
M359287		2.79	16.25	0.11	1.2	0.035	3.13	26.7	94.0	0.52	768	0.79	0.69	7.9	2.4	600
M359288		6.76	13.45	0.14	1.0	1.690	2.66	25.5	21.7	0.89	1900	14.05	0.04	6.0	12.8	440
M359289		2.87	15.50	0.10	1.3	0.037	2.96	21.1	37.0	0.65	707	3.60	0.85	8.1	2.5	560
M359290		3.13	16.80	0.10	1.4	0.036	3.23	23.1	38.4	0.71	770	1.94	0.93	9.1	2.7	610
M359291		2.94	15.00	0.10	1.2	0.033	2.65	25.6	97.2	1.00	1050	0.68	0.09	7.6	2.4	530
M359292		2.48	15.55	0.10	1.2	0.036	2.60	20.6	67.4	0.68	1210	1.09	0.05	7.8	2.5	560
M359293		3.11	14.05	0.13	1.0	0.052	2.89	21.2	20.4	0.65	7670	0.81	0.04	6.7	3.3	500
M359294		0.44	0.16	0.08	<0.1	0.005	0.02	0.5	1.3	12.95	208	0.16	<0.01	0.1	1.6	200
M359295		2.70	16.25	0.14	1.1	0.045	3.12	18.7	32.4	0.63	2060	1.09	0.81	7.8	3.0	590
M359296		2.83	15.25	0.14	1.1	0.045	3.11	21.9	18.8	0.85	929	0.85	0.35	7.8	3.4	600
M359297		2.92	17.60	0.12	1.2	0.042	2.83	21.8	23.4	0.77	701	0.69	2.35	8.6	3.0	610
M359298		2.87	15.85	0.14	1.2	0.040	2.93	18.3	88.9	0.77	731	0.56	1.31	8.0	2.9	630
M359299		5.23	14.85	0.13	1.5	0.891	2.89	22.9	25.2	0.72	2000	11.85	0.27	7.4	16.0	510
M359300		2.88	16.45	0.13	1.2	0.036	2.86	17.4	49.8	0.79	777	0.57	1.45	7.9	2.8	620
M359301		2.67	16.50	0.13	1.2	0.041	2.93	19.7	46.6	0.67	699	0.56	1.40	7.8	3.1	550
M359302		2.78	16.45	0.13	1.2	0.045	2.78	19.8	17.4	0.74	702	0.72	2.36	7.9	3.3	570
M359303		2.86	16.80	0.13	1.3	0.045	2.82	21.0	15.5	0.78	688	0.62	2.29	8.0	3.3	590
M359304		2.82	17.00	0.15	1.3	0.042	2.87	21.6	26.2	0.78	658	0.62	2.42	8.4	3.0	580
M359305		2.82	17.60	0.13	1.4	0.044	2.86	22.1	31.1	0.73	715	0.62	2.14	8.6	3.4	580



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M359270		21.2	101.0	<0.002	0.02	16.95	9.2	1	1.7	264	0.65	<0.05	10.8	0.256	3.1
M359271		20.2	93.8	<0.002	0.01	12.55	8.7	1	1.9	261	0.71	<0.05	9.8	0.263	2.9
M359272		16.9	105.5	<0.002	0.01	18.95	9.0	1	1.6	261	0.66	<0.05	10.9	0.257	3.5
M359273		13.0	140.5	<0.002	0.21	52.1	8.6	1	1.7	136.5	0.64	<0.05	10.7	0.263	5.3
M359274		13.2	149.5	<0.002	0.14	53.4	8.9	1	1.6	114.0	0.64	<0.05	10.9	0.255	5.3
M359275		15.2	144.5	<0.002	0.53	91.8	8.7	1	2.1	121.5	0.70	<0.05	10.9	0.247	7.4
M359276		1.1	5.3	<0.002	<0.01	0.32	0.5	1	<0.2	40.6	<0.05	<0.05	0.2	0.008	0.6
M359277		10.8	157.0	<0.002	0.15	70.1	9.2	1	1.8	145.0	0.92	<0.05	12.5	0.248	5.7
M359278		12.0	142.5	<0.002	0.06	53.5	8.7	1	1.7	150.0	0.84	<0.05	10.5	0.256	4.3
M359279		8.9	142.0	<0.002	0.10	43.1	9.1	1	1.5	146.5	0.78	<0.05	10.8	0.241	4.9
M359280		6.8	132.0	<0.002	0.12	56.7	8.6	1	1.3	141.5	0.70	<0.05	12.0	0.214	5.4
M359281		7.2	158.0	<0.002	0.02	49.5	9.5	1	1.6	117.5	0.88	<0.05	12.4	0.253	3.3
M359282		12.4	112.5	<0.002	0.03	32.9	9.6	1	1.7	192.5	0.88	<0.05	10.6	0.267	3.4
M359283		9.7	115.5	<0.002	0.12	53.4	8.4	1	1.5	152.5	0.71	<0.05	11.2	0.237	3.6
M359284		8.4	109.0	<0.002	0.02	34.5	8.1	1	1.5	160.5	0.64	<0.05	10.4	0.231	2.8
M359285		7.8	115.5	<0.002	0.02	43.6	8.2	1	1.6	156.0	0.67	<0.05	11.1	0.232	2.5
M359286		9.2	129.0	<0.002	0.01	39.6	8.2	1	1.6	193.0	0.58	<0.05	10.4	0.227	2.8
M359287		14.9	136.5	<0.002	0.04	45.6	9.6	1	1.7	201	0.61	<0.05	12.5	0.253	2.8
M359288		2800	159.0	<0.002	4.90	92.1	6.9	1	8.1	88.2	0.48	0.42	9.9	0.180	4.9
M359289		23.1	110.0	<0.002	0.02	19.40	9.0	1	1.8	210	0.67	<0.05	10.9	0.248	2.2
M359290		22.1	118.5	<0.002	0.02	21.3	9.6	1	2.1	227	0.74	<0.05	11.9	0.273	2.5
M359291		13.5	103.5	<0.002	0.08	50.9	9.2	1	1.7	223	0.61	<0.05	11.5	0.229	3.0
M359292		14.6	91.0	<0.002	0.19	85.4	8.7	1	1.8	189.5	0.64	<0.05	10.5	0.242	5.8
M359293		34.0	113.0	0.003	1.22	1715	9.6	<1	2.5	98.1	0.52	<0.05	14.2	0.229	3.4
M359294		1.5	1.3	0.002	<0.01	2.25	0.2	<1	0.2	40.7	<0.05	<0.05	0.3	<0.005	0.9
M359295		14.8	128.5	0.002	0.23	71.9	10.4	<1	1.8	216	0.62	<0.05	12.0	0.261	4.1
M359296		12.1	124.5	<0.002	0.17	85.3	10.8	1	1.9	171.5	0.63	<0.05	13.4	0.265	5.1
M359297		19.7	111.5	0.003	0.01	5.72	10.9	1	2.0	409	0.71	<0.05	14.5	0.273	3.5
M359298		18.0	104.0	<0.002	0.02	17.45	10.0	1	1.7	313	0.64	<0.05	13.1	0.261	3.7
M359299		1375	169.0	0.003	3.18	33.1	9.5	1	5.8	147.0	0.60	0.26	14.5	0.211	5.9
M359300		21.4	101.5	0.003	0.07	12.05	10.2	1	1.7	324	0.60	<0.05	11.7	0.271	3.2
M359301		18.4	112.0	<0.002	0.03	26.2	9.6	<1	1.8	297	0.65	<0.05	13.1	0.245	3.8
M359302		21.4	100.5	<0.002	0.01	3.55	10.7	1	1.7	368	0.65	<0.05	12.8	0.255	4.1
M359303		19.8	108.0	<0.002	0.01	2.66	10.6	1	1.8	382	0.60	<0.05	13.7	0.260	4.0
M359304		20.7	114.0	<0.002	0.01	3.09	10.9	1	1.8	388	0.62	<0.05	13.3	0.266	3.9
M359305		21.5	124.5	0.003	0.02	5.66	10.9	1	1.9	365	0.62	<0.05	13.2	0.257	4.4



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Project: Klaza-119

**CERTIFICATE OF ANALYSIS WH12201434**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359270		74	2.2	15.3	76	33.1	<1
M359271		74	2.0	13.2	67	33.3	<1
M359272		70	2.3	13.9	73	35.3	<1
M359273		69	2.8	14.4	81	32.1	<1
M359274		66	2.5	14.3	77	32.4	<1
M359275		68	3.1	13.2	85	33.7	<1
M359276		5	0.1	0.9	13	0.5	<1
M359277		66	4.4	16.3	66	32.7	<1
M359278		71	3.0	12.4	59	31.6	<1
M359279		66	2.0	15.5	60	30.5	<1
M359280		60	1.8	17.7	50	28.7	<1
M359281		67	1.7	15.1	64	30.7	<1
M359282		73	1.8	15.3	58	31.9	<1
M359283		66	1.8	13.6	56	27.8	<1
M359284		62	1.6	13.0	46	29.9	<1
M359285		63	1.8	12.8	52	30.7	<1
M359286		69	1.8	13.4	53	29.8	<1
M359287		72	2.4	13.2	60	29.9	<1
M359288		59	5.3	9.5	5410	26.6	25
M359289		68	1.9	12.8	62	30.6	<1
M359290		74	2.1	14.2	66	35.0	<1
M359291		66	2.1	15.4	58	28.3	<1
M359292		65	2.6	11.9	45	30.5	<1
M359293		57	1.5	12.0	643	23.7	5
M359294		1	0.1	0.8	13	<0.5	<1
M359295		67	1.4	14.2	49	25.2	<1
M359296		70	2.4	14.5	56	24.4	<1
M359297		71	0.8	16.6	58	27.5	<1
M359298		71	1.2	14.8	56	28.2	<1
M359299		57	5.5	11.9	2990	37.3	9
M359300		77	1.0	15.2	61	29.1	<1
M359301		65	0.8	14.1	55	28.3	<1
M359302		68	0.8	14.7	57	28.9	<1
M359303		69	0.6	15.6	55	30.1	<1
M359304		71	0.8	16.2	59	29.9	<1
M359305		68	0.6	16.0	57	32.3	<1



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Project: Klaza-119

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**CERTIFICATE OF ANALYSIS WH12201434**

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



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**CERTIFICATE WH12202921**

Project: Klaza - 115

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Aq-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 115

**CERTIFICATE OF ANALYSIS WH12202921**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812894		5.89	0.014	1.03	7.08	14.6	2080	1.58	0.38	2.37	0.29	44.3	9.6	10	15.45	732
N812895		3.44	0.046	3.48	7.01	300	1490	1.53	0.47	2.67	1.78	48.3	11.7	6	17.30	948
N812896		7.80	0.007	1.04	7.21	26.0	2300	1.45	0.37	2.56	0.23	47.9	8.7	9	17.85	698
N812897		0.18	4.49	>100	5.45	6400	1150	1.20	63.9	1.98	228	34.6	10.4	17	11.30	1280
N812898		7.60	0.005	0.43	6.86	47.6	2080	1.42	0.40	2.51	0.16	45.7	9.1	8	20.1	171.0
N812899		2.85	<0.005	0.61	6.07	41.7	2390	1.36	0.23	3.25	0.26	43.1	7.6	8	17.85	134.5
N812900		4.25	0.018	2.76	6.70	107.0	1440	1.32	0.97	2.13	1.02	45.0	9.1	7	17.60	1415
N812901		5.18	0.014	0.75	7.08	38.2	2170	1.49	0.41	2.34	0.16	47.4	10.4	9	13.15	568
N812902		2.14	0.013	0.75	6.64	36.5	2030	1.32	0.34	2.20	0.15	42.7	9.7	9	12.00	571
N812903		6.11	0.010	0.49	6.76	27.9	2060	1.50	0.38	2.66	0.12	43.4	7.9	8	13.40	266
N812904		6.29	<0.005	0.16	7.36	26.8	1560	1.64	0.79	1.42	0.20	56.5	4.6	8	25.5	11.7
N812905		2.58	1.600	1.08	4.67	1375	660	1.04	0.60	4.65	15.05	35.4	4.6	5	10.45	11.8
N812906		2.83	<0.005	0.01	0.07	<5	20	0.05	0.08	20.1	0.06	1.21	1.8	<1	0.27	2.3
N812907		4.13	0.029	0.42	6.23	59.9	3010	1.24	0.68	3.56	0.33	46.7	7.6	6	18.20	7.9
N812908		4.84	0.005	0.27	6.72	25.7	1180	1.35	0.69	2.86	0.11	46.3	9.0	8	12.75	7.6
N812909		5.44	0.011	0.22	7.20	18.1	2410	1.40	0.43	1.82	0.13	47.6	18.1	9	9.29	55.7
N812910		2.62	0.005	0.15	6.71	11.9	2130	1.35	0.28	2.26	0.13	43.0	9.8	7	10.95	41.7
N812911		7.88	<0.005	0.21	7.03	11.4	2180	1.46	0.23	2.39	0.10	50.8	8.7	9	7.29	86.0
N812912		5.49	<0.005	0.11	7.09	7.7	2070	1.36	0.17	2.37	0.09	50.5	7.7	8	10.45	23.3
N812913		<0.02	<0.005	0.11	6.74	7.5	2010	1.38	0.17	2.28	0.09	44.9	7.6	9	10.30	21.4
N812914		2.66	<0.005	0.21	6.68	40.0	1370	1.10	0.14	1.65	0.33	51.2	6.6	9	16.30	14.7
N812915		8.02	<0.005	0.11	7.15	7.0	2210	1.40	0.25	2.11	0.10	49.3	7.8	8	9.74	8.7
N812916		8.21	<0.005	0.10	7.11	8.6	2160	1.33	0.15	2.43	0.12	47.6	6.9	10	8.68	17.4
N812917		8.25	<0.005	0.07	7.13	5.2	2190	1.50	0.12	2.51	0.09	51.7	7.4	11	6.17	10.4
N812918		0.18	4.46	>100	5.35	6380	1020	1.27	60.1	1.95	224	33.6	9.8	17	10.85	1275
N812919		6.64	<0.005	0.11	7.61	8.3	2190	1.33	0.15	1.98	0.16	55.4	7.2	10	15.75	13.7
N812920		5.56	0.160	0.30	7.44	42.6	1180	1.33	0.27	1.53	0.42	52.5	6.6	8	22.1	23.3
N812921		4.34	<0.005	0.18	7.01	16.9	2020	1.47	0.33	2.40	0.10	49.2	6.6	8	13.10	20.0
N812922		3.91	<0.005	0.09	7.26	7.5	2290	1.48	0.14	2.75	0.09	50.8	7.9	9	10.95	16.0
N812923		3.71	<0.005	0.13	7.31	7.4	2130	1.48	0.16	2.59	0.10	52.3	8.1	10	11.65	35.0
N812924		5.14	<0.005	0.42	7.23	12.0	1610	1.45	0.12	2.66	0.53	49.4	6.5	9	16.35	13.1
N812925		2.72	2.98	>100	4.95	5520	720	1.16	0.91	2.60	131.5	33.7	6.5	7	15.25	1880
N812926		2.78	<0.005	2.43	0.11	10	60	0.07	0.02	20.0	0.27	1.65	1.4	<1	0.31	4.8
N812927		2.09	0.006	3.30	6.83	48.2	1890	1.19	0.15	2.45	0.38	43.0	6.6	8	17.60	28.6
N812928		2.89	<0.005	0.41	6.38	12.6	2100	1.19	0.19	2.78	0.20	36.9	7.0	7	16.35	24.0
N812929		3.78	<0.005	0.65	7.09	16.0	2280	1.05	0.21	1.93	0.25	48.0	7.2	7	17.60	22.2



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**CERTIFICATE OF ANALYSIS WH12202921**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812894		2.83	15.70	0.14	1.2	0.122	2.77	21.4	16.0	0.74	579	1.67	2.07	8.6	3.0	610
N812895		2.85	14.55	0.17	1.1	0.184	2.98	24.8	128.5	0.88	1990	1.57	0.10	7.9	2.6	580
N812896		2.85	16.35	0.11	1.2	0.138	2.92	22.7	18.3	0.71	619	1.72	1.98	8.5	3.0	580
N812897		8.15	13.90	0.19	1.0	4.39	2.29	17.4	36.2	0.64	3110	15.85	0.08	6.0	15.8	450
N812898		2.72	15.85	0.10	1.1	0.080	2.66	21.7	17.4	0.66	581	1.65	1.93	8.0	2.7	590
N812899		2.68	13.85	0.11	0.9	0.086	2.20	22.0	131.0	1.05	1150	1.79	0.02	6.8	2.5	480
N812900		2.88	15.70	0.11	1.3	0.263	2.58	21.1	190.5	0.74	876	2.51	0.07	8.4	2.6	600
N812901		2.87	16.80	0.14	1.2	0.158	3.05	22.5	20.7	0.66	795	4.12	1.12	8.6	2.9	590
N812902		2.69	15.45	0.12	1.2	0.139	2.81	19.7	18.6	0.65	752	2.70	1.11	7.8	2.6	570
N812903		2.80	16.35	0.14	1.3	0.074	2.68	20.3	21.7	0.74	603	1.55	1.40	8.6	3.0	580
N812904		2.92	17.35	0.15	1.3	0.069	3.03	27.4	54.4	0.55	1040	0.39	0.44	10.0	2.8	650
N812905		3.89	10.60	0.11	0.6	0.076	2.18	18.0	27.2	1.39	5590	2.07	0.02	5.1	2.5	370
N812906		0.45	0.37	0.13	<0.1	0.006	0.03	0.6	1.1	12.30	211	0.10	0.01	0.4	3.2	160
N812907		3.03	14.75	0.13	0.8	0.206	2.87	24.1	36.1	1.04	2160	0.50	0.02	7.3	2.2	510
N812908		3.77	14.55	0.14	1.1	0.251	2.92	23.9	50.5	1.12	1520	1.03	0.22	7.6	2.7	600
N812909		3.04	16.35	0.15	1.2	0.072	3.13	23.6	19.9	0.76	639	1.56	1.35	8.4	3.0	580
N812910		2.61	16.05	0.14	1.1	0.075	2.86	20.7	25.3	0.62	539	1.35	1.58	8.1	2.4	540
N812911		2.85	16.00	0.15	1.2	0.059	2.69	24.9	12.6	0.79	584	1.13	2.09	8.2	2.9	550
N812912		2.79	15.95	0.14	1.4	0.051	2.89	24.5	24.4	0.69	621	1.11	1.75	7.9	2.6	550
N812913		2.70	15.60	0.12	1.2	0.051	2.75	21.7	24.4	0.65	598	1.11	1.71	7.9	2.8	520
N812914		2.53	15.40	0.13	1.3	0.037	2.69	25.2	88.3	0.57	916	0.72	0.13	7.9	2.7	500
N812915		3.00	15.95	0.15	1.2	0.055	2.88	23.9	15.8	0.68	625	0.84	1.63	8.2	2.9	570
N812916		2.82	15.70	0.13	1.2	0.045	2.66	23.6	14.4	0.76	586	0.93	2.04	7.9	2.8	550
N812917		2.78	16.35	0.13	1.3	0.041	2.53	26.1	15.6	0.82	562	1.25	2.23	8.1	3.0	550
N812918		8.01	13.80	0.23	1.1	4.26	2.25	16.7	35.2	0.63	3120	15.10	0.08	5.8	15.6	440
N812919		2.97	16.80	0.12	1.4	0.040	2.67	28.3	47.8	0.62	671	0.87	1.14	8.5	2.8	610
N812920		2.78	16.70	0.12	1.3	0.050	3.07	26.3	123.0	0.60	1160	1.13	0.07	8.3	2.8	570
N812921		2.82	16.45	0.14	1.3	0.050	3.05	23.3	34.0	0.70	642	1.37	1.60	8.1	2.7	570
N812922		2.87	16.15	0.15	1.3	0.048	2.75	25.1	12.6	0.80	588	1.06	2.17	8.2	2.9	570
N812923		3.06	16.55	0.15	1.4	0.055	2.80	25.1	17.2	0.83	600	0.97	2.33	8.7	2.8	600
N812924		2.76	16.40	0.14	1.5	0.036	2.55	23.5	145.5	0.79	825	0.91	1.48	8.6	2.7	570
N812925		4.18	11.95	0.16	0.9	0.132	1.94	17.2	69.4	0.74	2700	3.79	0.02	5.4	2.8	400
N812926		0.48	0.39	0.06	<0.1	0.005	0.04	0.8	2.0	12.25	210	0.15	0.02	0.4	2.4	190
N812927		2.67	15.55	0.12	1.2	0.038	2.93	20.1	23.4	0.72	822	0.84	1.08	7.3	2.2	530
N812928		2.70	14.95	0.12	1.2	0.049	2.88	17.4	21.4	0.76	763	0.90	1.09	7.2	2.4	550
N812929		2.73	16.15	0.13	1.3	0.053	3.02	23.2	41.8	0.61	979	0.80	0.20	8.1	2.4	570



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Project: Klaza - 115

**CERTIFICATE OF ANALYSIS WH12202921**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812894		21.1	104.0	<0.002	0.23	5.99	10.5	2	2.0	367	0.71	0.07	11.8	0.254	1.29	4.6
N812895		45.0	125.0	0.002	0.87	197.0	9.7	2	2.3	151.5	0.70	0.05	12.7	0.237	2.11	5.0
N812896		20.5	115.0	<0.002	0.25	3.17	10.9	2	2.5	373	0.66	0.05	13.4	0.266	1.46	3.9
N812897		9950	139.0	0.002	7.13	218	8.8	3	8.0	123.5	0.42	0.50	9.9	0.186	2.35	6.2
N812898		19.5	104.0	<0.002	0.16	6.00	10.4	2	2.4	350	0.63	0.09	12.5	0.256	1.37	3.9
N812899		32.9	103.5	<0.002	0.27	53.8	9.2	2	2.0	171.0	0.50	<0.05	11.2	0.214	2.22	5.7
N812900		17.4	96.3	<0.002	0.43	213	10.8	2	2.7	123.0	0.66	0.06	12.1	0.264	1.79	4.0
N812901		18.7	127.0	<0.002	0.24	37.8	11.4	2	3.0	243	0.64	0.05	13.2	0.267	1.88	4.3
N812902		16.2	115.0	<0.002	0.23	38.9	10.2	2	3.0	230	0.58	0.05	12.1	0.253	1.67	3.6
N812903		17.1	102.0	<0.002	0.07	41.3	11.6	2	2.4	295	0.63	0.05	11.5	0.270	1.47	3.5
N812904		16.1	141.5	<0.002	0.14	22.6	13.2	2	2.2	133.0	0.76	<0.05	15.3	0.294	2.20	4.8
N812905		93.7	118.5	<0.002	1.52	36.2	7.7	1	3.0	99.7	0.41	0.05	9.1	0.163	2.08	10.1
N812906		1.5	1.6	<0.002	<0.01	0.15	0.5	1	<0.2	36.0	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N812907		17.7	171.0	<0.002	0.56	11.90	9.8	1	2.5	105.5	0.55	0.08	12.2	0.222	2.41	8.4
N812908		9.0	169.5	<0.002	0.46	11.20	10.5	2	1.8	93.2	0.58	0.05	12.1	0.263	2.51	4.2
N812909		17.0	124.5	<0.002	0.34	6.77	11.2	3	2.3	252	0.63	0.07	14.1	0.259	1.57	4.1
N812910		14.7	108.5	<0.002	0.19	6.75	9.9	2	2.1	274	0.63	<0.05	11.9	0.242	1.44	2.4
N812911		15.9	109.5	<0.002	0.16	2.46	11.1	2	2.0	357	0.65	<0.05	12.9	0.251	1.22	4.2
N812912		17.9	111.0	<0.002	0.08	4.19	10.6	2	1.7	308	0.67	<0.05	14.6	0.249	1.40	4.6
N812913		16.8	103.5	<0.002	0.08	4.09	10.0	2	1.6	297	0.63	<0.05	12.5	0.238	1.31	3.8
N812914		14.9	109.0	<0.002	0.08	25.9	10.5	1	1.7	102.5	0.66	<0.05	13.1	0.234	1.53	5.8
N812915		15.7	113.0	<0.002	0.08	6.61	11.2	2	1.8	269	0.64	<0.05	13.1	0.255	1.26	3.7
N812916		17.8	102.5	<0.002	0.03	2.44	10.6	1	1.7	351	0.63	<0.05	13.3	0.246	1.09	4.4
N812917		16.4	102.5	<0.002	0.03	0.85	11.1	2	1.7	378	0.62	<0.05	13.7	0.248	1.01	4.6
N812918		9720	133.5	0.002	7.06	212	8.5	2	7.7	118.5	0.41	0.46	9.5	0.185	2.28	5.9
N812919		18.7	106.0	<0.002	0.03	15.45	11.8	2	1.8	242	0.71	<0.05	15.6	0.275	1.19	4.3
N812920		18.8	140.5	<0.002	0.21	27.8	12.2	1	2.0	102.5	0.63	<0.05	14.3	0.274	2.15	6.4
N812921		15.8	113.5	<0.002	0.06	6.39	10.7	2	1.9	280	0.62	<0.05	12.5	0.260	1.58	3.4
N812922		15.8	117.5	<0.002	0.04	1.98	11.2	2	1.9	351	0.61	<0.05	13.6	0.253	1.18	4.3
N812923		16.4	113.0	<0.002	0.03	2.17	11.7	2	2.0	365	0.69	<0.05	13.8	0.271	1.26	4.9
N812924		24.8	103.0	<0.002	0.07	8.51	11.2	2	1.8	304	0.76	<0.05	13.8	0.255	1.47	5.2
N812925		>10000	117.5	0.002	3.98	2350	9.9	2	4.2	135.0	0.44	<0.05	8.9	0.195	2.52	6.7
N812926		43.1	2.0	<0.002	0.01	3.83	0.4	1	<0.2	47.0	<0.05	<0.05	0.2	<0.005	0.02	0.9
N812927		48.1	127.5	<0.002	0.15	19.20	9.5	1	1.8	238	0.60	<0.05	11.5	0.240	1.77	3.6
N812928		19.2	104.5	<0.002	0.09	9.04	9.2	1	1.8	238	0.59	<0.05	10.2	0.248	1.69	3.4
N812929		25.6	119.5	<0.002	0.13	18.65	10.5	1	1.9	143.0	0.65	<0.05	13.0	0.252	1.82	5.8





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 Account: ROCKHA

Project: Klaza - 115

**CERTIFICATE OF ANALYSIS WH12202921**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	Ag-GRA21 Ag ppm 5
N812894		69	1.7	15.8	55	31.6	2			
N812895		64	5.0	14.7	154	27.9	4			
N812896		70	9.0	15.4	53	30.5	1			
N812897		51	4.3	9.8	>10000	35.2	115		1.585	
N812898		68	1.5	14.8	53	29.4	1			
N812899		57	3.5	14.1	79	25.5	1			
N812900		70	14.0	14.5	104	33.0	3			
N812901		69	5.1	14.7	51	34.1	1			
N812902		66	4.4	13.5	51	32.1	11			
N812903		72	2.5	14.8	55	35.4	<1			
N812904		70	4.2	16.4	60	31.6	<1			
N812905		45	2.3	13.3	1000	16.5	1			
N812906		3	0.1	0.7	14	<0.5	<1			
N812907		61	3.2	16.6	50	22.8	<1			
N812908		69	3.6	13.9	56	31.5	<1			
N812909		69	3.2	14.2	51	30.7	<1			
N812910		62	3.4	12.9	48	31.4	<1			
N812911		67	1.7	16.9	42	33.3	<1			
N812912		65	1.5	15.2	43	34.4	<1			
N812913		62	1.6	14.5	42	32.1	<1			
N812914		65	2.0	15.0	54	33.1	<1			
N812915		67	1.6	15.6	46	32.0	<1			
N812916		64	1.3	16.0	47	31.0	<1			
N812917		66	1.2	16.9	43	34.5	<1			
N812918		51	4.2	9.7	>10000	33.5	112		1.610	
N812919		71	2.8	16.8	60	36.4	<1			
N812920		76	3.4	14.7	60	33.9	<1			
N812921		69	2.0	14.9	43	34.3	<1			
N812922		66	1.3	16.5	43	38.7	<1			
N812923		73	1.2	17.3	45	37.2	<1			
N812924		68	1.3	17.2	81	37.8	<1			
N812925		60	4.2	11.8	>10000	22.2	>1500	1.855	1.510	1560
N812926		3	0.1	0.9	42	0.5	3			
N812927		64	1.7	14.6	66	31.6	3			
N812928		65	2.0	13.2	50	31.0	<1			
N812929		64	3.7	14.8	62	34.7	1			



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**CERTIFICATE OF ANALYSIS WH12202921**

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



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**CERTIFICATE WH12203754**

Project: Klaza-116

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12203754**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358380		4.79	0.046	0.33	7.40	23.5	2650	1.65	1.04	2.50	1.39	50.7	8.7	10	11.10	38.4
M358381		3.06	<0.005	0.13	7.23	7.0	2260	1.49	0.30	2.59	0.33	44.0	5.2	9	10.45	5.6
M358382		3.59	0.039	0.63	7.00	38.0	2150	1.39	1.30	2.27	1.77	40.7	7.3	10	10.95	14.3
M358383		3.88	0.100	0.30	7.54	138.0	2030	1.34	0.58	3.14	0.86	46.4	5.1	7	19.95	9.6
M358384		2.36	0.052	0.39	7.56	33.5	1970	1.58	0.54	2.24	1.03	44.1	6.3	8	21.0	14.6
M358385		<0.02	0.039	0.38	7.58	32.8	1980	1.62	0.58	2.24	0.94	45.6	6.0	9	20.0	15.0
M358386		4.92	<0.005	0.15	7.40	11.7	2340	1.45	0.27	2.69	0.51	47.9	5.9	11	12.00	4.2
M358387		3.56	<0.005	0.13	7.58	7.7	2410	1.51	0.31	2.39	0.42	45.4	5.7	9	12.25	3.1
M358388		2.53	0.028	0.49	7.34	37.1	2830	1.43	0.81	2.50	2.02	43.5	5.1	8	14.95	11.3
M358389		3.23	0.635	1.08	6.88	114.5	2660	1.47	2.27	2.27	2.17	37.9	4.5	7	15.95	33.0
M358390		2.67	0.070	1.20	6.95	100.0	1470	1.61	2.66	1.99	4.23	49.7	12.0	6	22.6	37.3
M358391		0.24	4.32	>100	5.11	7000	90	1.14	56.7	1.82	212	30.8	8.7	17	11.35	1240
M358392		6.08	0.105	2.34	7.30	160.0	840	1.55	13.65	1.95	7.24	49.8	6.3	7	16.35	50.7
M358393		3.63	0.648	1.64	5.87	624	490	1.43	2.29	1.61	5.51	40.6	3.8	5	16.90	20.3
M358394		3.20	1.160	4.18	5.47	1490	190	1.17	2.18	1.90	36.6	39.1	4.2	6	12.50	59.9
M358395		3.03	<0.005	0.02	0.06	<5	10	0.06	0.03	20.1	0.11	1.04	1.2	<1	0.26	2.3
M358396		3.10	0.204	0.91	6.73	454	1250	1.63	1.29	2.60	5.20	42.4	4.3	5	15.55	20.6
M358397		5.24	0.929	3.62	6.89	1150	340	1.45	5.68	1.90	16.45	46.5	5.4	6	17.85	49.8
M358398		2.59	0.081	0.72	7.04	150.5	1720	1.73	1.51	1.90	1.72	46.5	6.8	6	16.50	18.8
M358399		0.24	2.22	24.0	5.86	2710	1590	1.40	19.55	2.23	76.2	47.0	10.7	17	15.55	450
M358400		5.89	0.053	0.34	7.69	48.3	2180	1.54	1.11	1.28	1.17	58.1	7.4	9	15.10	17.0
M358401		4.25	1.125	3.86	5.60	788	1470	1.28	7.39	3.24	21.7	43.0	4.6	4	13.95	63.7
M358402		2.57	<0.005	0.02	0.16	<5	50	0.09	0.03	20.4	0.08	1.33	1.7	<1	0.56	1.9
M358403		3.35	0.136	1.19	7.10	256	1070	1.45	2.02	2.04	9.16	52.0	9.5	7	17.55	22.7
M358404		2.46	2.56	2.31	6.35	1005	920	1.33	4.85	1.93	8.48	46.1	6.6	5	15.35	31.0
M358405		3.42	0.427	2.48	6.28	236	830	1.29	3.15	2.09	19.35	48.5	5.9	6	13.75	40.6
M358406		2.54	0.366	1.39	7.02	172.0	1590	1.59	2.01	1.61	7.53	54.7	6.4	8	17.60	23.9
M358407		2.59	0.185	0.73	7.37	210	2430	1.52	3.12	1.56	9.01	52.2	6.4	7	13.45	25.2
M358408		3.35	0.101	0.84	6.93	65.2	2070	1.37	3.23	2.09	4.33	48.6	8.2	7	10.25	24.9
M358409		4.06	0.012	0.31	7.58	17.7	2330	1.66	1.02	1.26	0.87	56.1	8.2	9	17.00	21.0
M358410		2.81	0.281	2.95	6.08	302	1170	1.50	8.90	2.39	11.20	43.7	7.2	10	9.15	96.7
M358411		2.62	0.026	0.34	6.93	26.6	2610	1.55	1.09	2.83	0.74	43.7	7.5	8	14.05	21.1
M358412		3.29	<0.005	0.37	7.21	7.5	2290	1.62	0.28	2.45	1.44	49.8	6.5	9	14.15	6.5
M358413		1.71	0.037	0.52	7.05	25.0	2230	1.61	0.89	2.41	1.80	47.6	6.9	9	14.60	18.9
M358414		4.33	0.127	0.41	7.24	126.5	2920	1.41	1.02	1.73	0.76	51.2	7.0	7	17.55	11.8
M358415		5.90	0.026	0.30	6.96	24.0	2290	1.55	0.66	2.42	0.66	48.1	6.5	8	17.55	16.4



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Project: Klaza-116

**CERTIFICATE OF ANALYSIS WH12203754**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358380		2.91	15.65	0.12	1.3	0.176	2.67	25.7	14.1	0.79	450	5.21	1.78	8.6	2.9	550
M358381		3.00	15.80	0.13	1.4	0.083	2.54	21.4	14.4	0.73	524	1.56	2.06	9.0	2.6	600
M358382		3.15	15.75	0.11	1.3	0.216	2.74	19.9	50.7	0.56	535	1.49	0.13	8.9	2.7	580
M358383		3.12	16.20	0.14	1.2	0.094	2.69	24.1	55.2	1.02	1100	2.75	0.08	8.9	2.3	600
M358384		3.05	15.90	0.13	1.4	0.098	2.75	21.9	32.4	0.56	545	1.20	0.85	9.2	2.5	600
M358385		3.03	16.20	0.13	1.4	0.090	2.74	23.2	32.0	0.57	528	1.14	0.91	9.1	2.6	600
M358386		3.00	15.70	0.12	1.3	0.083	2.62	24.2	13.4	0.79	602	1.46	2.09	9.2	2.7	610
M358387		2.95	15.25	0.12	1.2	0.087	2.59	23.2	17.5	0.79	561	1.15	2.41	8.1	2.6	580
M358388		3.05	15.65	0.12	1.1	0.172	2.96	22.0	16.2	0.63	610	0.56	1.67	8.6	2.6	580
M358389		3.69	14.80	0.13	1.0	0.289	3.17	18.9	27.7	0.58	707	0.40	0.53	7.7	2.0	540
M358390		4.37	15.15	0.15	1.1	0.371	3.12	25.3	11.1	0.85	1430	2.73	0.04	7.8	2.6	510
M358391		7.62	12.05	0.17	1.0	4.52	2.14	15.6	32.5	0.59	3080	15.45	0.08	5.8	13.7	420
M358392		4.61	14.90	0.14	1.2	0.318	2.84	27.6	22.9	0.86	1490	1.49	0.03	7.9	2.4	500
M358393		3.18	12.70	0.12	1.0	0.329	2.41	22.4	25.5	0.65	1640	36.0	0.02	6.1	2.3	390
M358394		5.16	13.40	0.15	0.9	0.633	2.30	21.9	19.4	0.76	2610	61.9	0.02	6.4	2.5	390
M358395		0.44	0.18	<0.05	<0.1	<0.005	0.03	0.5	1.0	12.05	207	0.17	<0.01	0.2	2.5	150
M358396		3.17	14.60	0.14	1.2	0.397	2.92	22.1	11.1	0.95	2790	4.18	0.03	7.7	2.4	500
M358397		3.98	14.90	0.14	1.1	0.389	2.91	25.9	12.1	0.78	2420	3.75	0.03	7.4	2.4	490
M358398		3.10	15.05	0.12	1.2	0.235	2.43	24.9	42.7	0.74	793	1.73	0.04	8.1	2.9	530
M358399		6.60	14.45	0.15	1.0	1.725	2.61	25.7	26.7	0.92	1900	13.15	0.03	6.3	16.2	440
M358400		3.37	17.70	0.13	1.4	0.243	3.14	31.1	40.5	0.69	818	1.10	0.35	9.0	2.7	620
M358401		4.97	14.15	0.14	1.1	1.175	2.39	22.8	19.3	1.11	3910	15.70	0.02	6.3	2.6	430
M358402		0.48	0.51	<0.05	<0.1	0.006	0.09	0.6	2.1	12.55	220	0.09	0.01	0.4	3.2	170
M358403		3.84	16.75	0.11	1.2	0.392	3.05	27.7	17.1	0.86	2080	14.70	0.02	7.3	3.0	510
M358404		4.88	15.30	0.12	1.0	0.417	2.98	25.2	13.0	0.76	2340	7.87	0.02	6.5	2.8	460
M358405		3.98	15.05	0.12	1.0	0.436	2.75	26.1	37.5	0.83	2230	17.25	0.06	6.8	2.5	500
M358406		3.83	16.35	0.12	1.2	0.409	3.03	29.6	28.0	0.80	1450	9.77	0.04	7.6	2.7	550
M358407		3.47	17.25	0.13	1.2	0.501	3.76	27.9	30.9	0.65	1160	2.48	0.09	8.1	3.1	560
M358408		3.35	15.90	0.13	1.1	0.220	3.05	24.9	28.1	0.72	1100	2.77	0.08	7.5	2.7	540
M358409		3.69	17.10	0.16	1.3	0.154	3.12	30.6	31.5	0.71	486	2.13	0.69	8.7	2.8	570
M358410		5.66	15.80	0.16	1.3	0.466	2.88	23.1	12.1	0.63	1290	15.75	0.03	6.6	3.6	460
M358411		3.11	16.45	0.11	1.3	0.191	3.05	21.7	29.6	0.65	623	2.44	1.32	8.2	2.4	560
M358412		3.07	16.55	0.14	1.4	0.092	2.86	25.6	16.9	0.71	584	2.72	2.15	8.2	2.7	560
M358413		3.11	16.70	0.15	1.3	0.140	2.91	24.2	22.7	0.64	556	2.94	1.68	8.2	2.6	550
M358414		3.08	16.10	0.15	1.2	0.111	3.11	26.8	26.6	0.56	542	0.85	0.97	8.0	2.4	560
M358415		3.00	15.75	0.15	1.3	0.098	2.86	24.9	29.5	0.66	611	0.85	1.07	7.9	3.5	540



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**CERTIFICATE OF ANALYSIS WH12203754**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358380		33.9	103.0	<0.002	0.70	3.90	10.4	1	1.9	329	0.65	0.15	13.7	0.240	5.2
M358381		21.4	83.5	<0.002	0.06	2.51	10.6	1	2.0	366	0.67	<0.05	11.4	0.267	3.7
M358382		75.5	94.7	<0.002	0.53	10.20	10.3	1	3.8	169.5	0.65	0.05	10.1	0.262	3.3
M358383		34.8	90.9	<0.002	0.38	13.30	10.9	1	2.3	177.0	0.64	<0.05	11.7	0.267	4.0
M358384		34.1	103.0	<0.002	0.33	8.23	10.6	1	2.5	209	0.69	<0.05	11.4	0.262	4.0
M358385		35.6	107.0	<0.002	0.30	7.72	10.9	1	2.5	217	0.67	<0.05	12.1	0.261	4.1
M358386		30.0	95.1	<0.002	0.05	2.50	11.2	1	1.9	362	0.63	<0.05	11.1	0.270	3.8
M358387		30.1	87.5	<0.002	0.04	2.83	10.5	1	1.6	390	0.65	<0.05	13.1	0.251	4.2
M358388		89.0	112.0	<0.002	0.32	4.60	10.2	1	2.1	283	0.61	<0.05	12.1	0.256	3.9
M358389		112.0	129.0	<0.002	0.76	6.72	9.9	1	3.0	177.5	0.56	0.05	11.4	0.231	4.2
M358390		118.5	158.0	<0.002	1.44	8.40	9.5	1	5.0	90.9	0.60	0.11	13.5	0.209	5.1
M358391		9160	120.0	<0.002	6.66	207	7.1	2	8.6	112.5	0.42	0.45	8.1	0.174	5.0
M358392		184.5	149.5	<0.002	2.06	11.40	9.5	1	6.5	95.4	0.61	0.07	14.0	0.220	4.0
M358393		340	130.0	<0.002	2.42	55.4	7.7	1	7.2	58.2	0.50	0.09	11.9	0.177	7.3
M358394		1160	129.5	<0.002	4.90	78.5	7.5	2	12.0	52.2	0.44	0.23	10.4	0.176	5.4
M358395		2.7	1.5	<0.002	0.01	0.12	0.3	1	<0.2	36.7	<0.05	<0.05	<0.2	<0.005	0.4
M358396		250	127.0	<0.002	1.76	13.05	8.8	1	4.2	101.5	0.62	<0.05	12.1	0.218	5.1
M358397		456	164.5	<0.002	3.01	20.7	9.2	1	5.3	64.3	0.55	0.07	12.2	0.217	3.4
M358398		102.0	109.5	<0.002	0.79	13.65	10.0	1	3.1	133.5	0.61	<0.05	13.6	0.222	5.5
M358399		2870	157.0	<0.002	4.81	90.7	9.3	2	8.2	92.6	0.49	0.42	10.5	0.184	5.4
M358400		43.1	137.0	<0.002	0.29	8.85	12.3	1	3.0	144.0	0.71	<0.05	14.2	0.264	3.8
M358401		924	136.0	<0.002	3.96	33.3	8.9	1	7.8	76.5	0.49	0.15	9.8	0.186	4.6
M358402		2.4	3.6	<0.002	0.01	0.12	0.5	1	<0.2	37.9	<0.05	<0.05	<0.2	0.007	1.1
M358403		313	169.5	<0.002	2.31	14.25	10.6	1	3.7	75.3	0.61	0.14	12.1	0.226	3.9
M358404		234	191.0	<0.002	3.98	23.7	9.7	1	6.9	56.5	0.52	0.19	10.7	0.205	4.4
M358405		678	148.0	<0.002	2.13	40.9	10.4	2	5.3	97.7	0.54	0.18	10.4	0.214	7.3
M358406		320	150.0	0.007	1.32	18.00	11.1	1	5.8	90.2	0.63	0.06	12.2	0.235	5.1
M358407		140.5	163.5	<0.002	0.91	12.65	11.6	1	4.0	130.0	0.62	0.06	12.6	0.251	4.5
M358408		91.6	113.0	<0.002	0.77	13.20	10.3	1	2.8	122.5	0.59	0.09	10.7	0.237	5.1
M358409		41.1	129.5	<0.002	0.26	6.60	12.2	1	2.2	163.0	0.67	<0.05	13.6	0.259	3.7
M358410		453	154.5	<0.002	5.37	34.2	9.4	2	9.3	64.0	0.50	0.47	9.0	0.194	4.7
M358411		33.9	109.5	<0.002	0.44	9.13	10.7	1	2.4	271	0.65	0.07	11.1	0.247	4.9
M358412		81.2	104.0	<0.002	0.20	2.67	11.3	1	2.4	355	0.67	<0.05	12.3	0.247	3.8
M358413		73.7	110.0	<0.002	0.39	6.67	10.9	1	2.6	291	0.63	0.05	11.4	0.245	4.6
M358414		59.9	126.5	<0.002	0.37	7.29	11.1	1	2.2	193.0	0.63	<0.05	12.4	0.243	3.2
M358415		44.8	105.0	<0.002	0.18	7.12	10.7	1	2.4	227	0.64	0.05	11.8	0.242	3.5



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**CERTIFICATE OF ANALYSIS WH12203754**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358380		66	1.3	15.7	137	38.2	<1	
M358381		74	0.9	15.4	55	41.5	<1	
M358382		69	3.2	12.2	154	36.3	<1	
M358383		73	5.6	15.3	97	34.8	<1	
M358384		70	1.9	13.7	101	40.9	<1	
M358385		70	1.8	14.2	96	40.9	<1	
M358386		74	1.3	16.3	68	36.6	<1	
M358387		67	1.1	13.8	69	29.4	<1	
M358388		69	2.4	13.9	162	31.2	<1	
M358389		64	2.8	12.4	181	27.3	1	
M358390		61	4.8	13.6	503	29.5	<1	
M358391		50	4.3	7.9	>10000	32.0	114	1.575
M358392		59	4.6	12.1	752	32.8	2	
M358393		49	4.3	10.0	564	26.4	2	
M358394		51	4.6	10.8	3220	26.5	4	
M358395		2	0.1	0.7	18	<0.5	<1	
M358396		58	4.2	12.3	475	30.3	<1	
M358397		59	6.2	11.6	1380	29.7	3	
M358398		60	3.4	13.6	177	34.0	<1	
M358399		56	5.3	9.9	5530	26.9	26	
M358400		70	3.0	15.6	261	35.2	<1	
M358401		52	5.9	13.3	1400	26.5	4	
M358402		4	0.1	0.8	15	<0.5	<1	
M358403		62	4.4	13.9	616	28.9	1	
M358404		57	6.0	14.1	770	24.8	2	
M358405		59	4.4	13.8	1460	24.9	2	
M358406		64	4.2	15.5	719	27.7	1	
M358407		67	4.3	15.8	637	28.8	<1	
M358408		64	3.4	16.3	542	27.5	1	
M358409		68	3.1	14.7	148	30.6	<1	
M358410		54	6.1	12.1	904	35.1	3	
M358411		66	2.8	14.8	107	31.4	1	
M358412		65	1.4	15.4	161	32.4	1	
M358413		65	2.2	14.9	184	32.3	<1	
M358414		63	3.1	14.6	94	30.2	1	
M358415		64	3.3	15.5	79	30.0	<1	



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**CERTIFICATE OF ANALYSIS WH12203754**

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





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**CERTIFICATE WH12203755**

Project: Klaza-116

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12203755**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358416		3.38	0.122	0.53	7.54	256	1640	1.38	0.95	1.46	1.09	49.2	7.0	8	22.0	12.1
M358417		2.78	2.15	8.35	4.73	1065	120	1.02	8.43	1.81	124.5	31.5	7.5	7	10.45	267
M358418		2.78	<0.005	0.04	0.09	7	30	0.05	0.04	20.5	0.28	1.63	1.0	<1	0.29	2.2
M358419		2.78	0.333	2.12	5.63	446	340	1.25	3.53	1.02	2.83	40.7	5.0	9	10.70	96.0
M358420		3.40	0.980	19.60	4.90	955	150	0.83	24.0	2.12	61.2	37.5	10.5	7	9.01	2110
M358421		2.57	<0.005	0.07	0.06	6	30	0.05	0.07	21.1	0.22	1.36	1.1	<1	0.24	6.4
M358422		2.39	0.045	0.69	7.19	85.3	1580	1.55	1.99	2.50	1.36	48.1	6.1	9	21.2	20.7
M358423		2.75	0.031	0.43	7.31	27.7	2460	1.41	1.40	2.03	1.21	45.1	6.9	9	12.75	20.1
M358424		0.22	2.39	24.0	5.68	3310	920	1.16	20.7	2.22	78.3	45.5	10.6	18	15.90	435
M358425		2.29	0.046	8.81	6.96	92.2	740	1.52	1.63	2.01	27.3	49.7	5.4	8	19.10	25.7
M358426		2.78	0.021	0.41	6.82	25.7	2300	1.32	0.97	2.09	1.76	46.1	6.4	8	13.65	10.4
M358427		2.45	0.317	2.17	6.88	247	340	1.32	2.38	1.80	9.11	50.1	15.0	8	15.00	25.1
M358428		2.45	0.062	0.42	6.98	94.3	1230	1.49	0.76	2.46	4.17	47.7	6.2	8	20.9	8.6
M358429		4.75	0.039	0.31	7.06	222	2120	1.34	0.40	1.92	0.94	46.7	5.4	9	16.05	5.0
M358430		2.36	0.095	0.52	6.71	101.0	1640	1.59	1.08	2.42	1.18	51.2	7.1	9	22.2	11.7
M358431		3.56	0.006	0.10	7.18	12.0	2330	1.30	0.27	2.18	0.14	43.5	5.6	11	16.45	3.7
M358432		1.76	0.007	0.10	7.27	12.0	2210	1.35	0.26	2.11	0.14	50.0	5.3	9	17.95	3.6
M358433		2.25	0.065	2.24	6.81	45.5	840	1.18	7.51	1.48	8.81	47.8	5.8	10	14.50	18.7
M358434		0.22	2.33	23.0	5.62	3290	550	1.11	19.30	2.22	75.9	41.8	10.3	18	15.00	435
M358435		5.96	0.013	0.26	6.98	18.9	2200	1.35	0.52	2.41	0.61	42.2	6.3	9	12.30	11.4
M358436		2.39	0.210	0.48	7.10	64.2	2730	1.42	1.15	2.98	1.47	52.1	8.1	7	24.9	12.1
M358437		2.60	0.054	0.52	7.06	256	1750	1.39	1.59	2.07	0.67	52.4	7.7	8	18.85	25.6
M358438		2.97	0.433	7.11	7.02	993	1160	1.50	21.2	2.13	19.40	69.5	7.6	11	17.90	348
M358439		2.60	<0.005	0.15	6.87	7.3	2320	1.38	0.19	2.37	0.22	44.6	7.0	10	16.35	12.7
M358440		2.86	0.178	0.67	7.18	524	2300	1.37	1.55	2.36	0.45	43.6	7.9	10	14.75	38.4
M358441		<0.02	0.179	0.67	7.17	562	2270	1.36	1.53	2.34	0.41	43.5	7.5	11	14.20	36.7
M358442		4.64	0.005	0.12	6.82	13.1	2300	1.74	0.19	2.53	0.18	44.8	7.8	9	11.40	10.8
M358443		2.26	0.123	0.25	7.80	456	2370	1.43	0.34	1.83	0.49	50.2	8.0	8	12.90	20.3
M358444		4.31	0.080	0.41	7.32	161.5	2020	1.46	0.37	2.29	1.45	46.5	6.8	11	14.00	16.0
M358445		3.14	0.059	0.60	7.88	37.1	2860	1.45	0.71	1.42	4.79	57.2	8.1	12	16.95	20.5
M358446		3.73	0.006	0.11	7.21	13.9	1020	1.82	0.20	3.08	0.20	55.1	7.3	24	16.95	13.2
M358447		3.00	0.814	3.22	7.94	2060	1380	1.36	6.56	1.54	2.34	59.8	9.9	8	13.40	162.5
M358448		2.89	0.028	0.34	8.62	85.2	2190	1.32	0.74	1.13	0.94	62.7	7.4	9	14.25	21.2
M358449		3.26	0.039	0.53	7.60	40.3	2240	1.59	0.63	2.59	2.00	45.5	6.5	10	11.90	20.5
M358450		3.08	0.008	0.20	8.00	14.3	2380	1.56	0.34	1.85	0.50	52.3	6.4	10	12.25	11.8
M358451		4.62	0.016	0.29	8.01	19.9	2780	1.32	0.51	1.18	0.92	53.1	7.5	9	9.25	8.0



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358416		3.08	16.60	0.09	1.4	0.113	3.08	26.0	44.4	0.56	877	1.74	0.23	9.0	2.2	590
M358417		5.96	21.1	0.12	1.0	17.95	2.17	16.5	31.7	0.73	1120	109.5	0.03	5.3	3.4	280
M358418		0.50	0.28	<0.05	<0.1	0.029	0.04	0.8	1.2	12.55	224	0.43	<0.01	0.4	1.8	170
M358419		4.73	13.35	0.12	1.0	0.337	2.70	23.1	30.5	0.49	1160	17.15	0.03	6.3	2.6	350
M358420		7.54	12.15	0.15	0.9	4.24	2.30	19.9	19.8	0.94	1400	22.5	0.03	5.0	2.2	330
M358421		0.49	0.20	<0.05	<0.1	0.016	0.03	0.7	1.0	12.70	210	0.23	<0.01	0.3	2.1	180
M358422		3.25	16.80	0.10	1.5	0.316	3.25	25.2	23.3	0.91	941	1.21	0.31	8.7	2.4	580
M358423		2.94	17.45	0.10	1.5	0.292	3.49	22.8	29.7	0.54	420	1.11	1.03	9.3	2.3	590
M358424		6.78	13.60	0.14	1.1	1.770	2.63	25.1	23.9	0.90	1900	13.90	0.04	6.6	14.1	430
M358425		4.37	17.20	0.12	1.4	0.497	3.12	26.3	24.2	0.76	852	0.81	0.09	8.5	2.5	530
M358426		3.20	15.25	0.11	1.3	0.286	2.97	24.5	21.6	0.78	850	0.52	0.85	8.1	2.5	530
M358427		5.35	15.20	0.12	1.3	0.448	3.07	26.8	24.0	0.78	1180	1.54	0.05	7.6	2.5	510
M358428		3.20	15.50	0.10	1.4	0.209	3.23	25.1	16.9	0.91	1120	0.63	0.06	8.4	2.4	540
M358429		2.98	16.50	0.10	1.5	0.087	2.89	23.9	33.6	0.60	675	0.81	0.89	9.1	2.3	570
M358430		3.46	14.80	0.11	1.3	0.145	2.41	29.1	50.9	0.87	850	1.58	0.26	7.6	2.5	520
M358431		2.87	16.60	0.10	1.6	0.083	2.82	21.7	27.5	0.52	553	0.68	1.82	9.3	2.2	580
M358432		2.75	16.40	0.10	1.5	0.072	2.82	26.5	26.6	0.50	547	0.65	1.71	8.8	2.2	560
M358433		3.27	15.15	0.10	1.4	0.310	2.14	26.3	79.6	0.59	815	0.62	0.10	8.0	2.1	540
M358434		6.66	13.50	0.14	1.0	1.685	2.61	22.9	23.7	0.88	1890	13.00	0.04	6.4	14.0	420
M358435		2.93	16.25	0.09	1.6	0.085	2.77	20.7	22.6	0.58	673	1.03	1.77	9.2	2.3	590
M358436		3.15	15.50	0.11	1.6	0.135	2.86	29.5	27.8	1.04	1580	2.70	0.09	8.4	2.7	560
M358437		3.95	16.05	0.11	1.5	0.138	2.88	26.8	16.8	0.77	817	1.76	0.97	9.2	2.4	630
M358438		3.92	16.45	0.13	1.4	1.175	3.03	38.5	12.5	0.54	569	1.77	1.40	8.6	2.5	530
M358439		2.76	16.15	0.10	1.4	0.050	2.85	22.2	16.3	0.66	687	1.53	2.38	8.6	2.4	540
M358440		3.09	16.75	0.10	1.4	0.122	2.98	22.1	15.0	0.61	623	1.55	2.05	8.9	2.5	600
M358441		3.05	15.95	0.10	1.3	0.117	2.94	22.3	14.7	0.60	618	1.46	2.02	8.4	2.4	580
M358442		2.82	16.10	0.16	1.3	0.054	2.75	21.5	17.7	0.71	689	1.50	2.29	8.9	2.5	580
M358443		2.90	17.45	0.14	1.4	0.064	3.03	26.6	22.4	0.56	638	1.28	1.56	7.9	2.9	590
M358444		2.89	17.00	0.16	1.4	0.133	2.80	23.1	19.3	0.64	650	1.29	1.95	8.1	2.6	590
M358445		3.24	18.30	0.17	1.8	0.451	2.98	30.9	47.0	0.62	731	1.41	0.26	8.4	5.1	690
M358446		2.48	19.45	0.17	4.0	0.030	2.63	28.6	60.6	1.01	672	1.00	0.05	10.2	10.9	870
M358447		4.15	18.60	0.20	1.4	0.305	3.31	31.6	28.6	0.73	761	1.32	0.11	7.8	3.9	600
M358448		3.53	19.30	0.17	1.5	0.096	3.15	34.0	30.3	0.56	503	1.36	0.61	8.8	2.5	650
M358449		3.22	17.40	0.17	1.4	0.178	3.01	23.8	12.8	0.62	599	1.40	1.90	7.6	2.6	590
M358450		3.01	17.80	0.17	1.3	0.108	3.08	28.2	16.2	0.37	629	1.01	1.39	7.8	2.7	600
M358451		3.12	17.40	0.16	1.3	0.116	3.19	29.0	19.1	0.38	687	1.06	0.85	7.9	2.7	610



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358416		76.4	129.5	<0.002	0.80	17.30	9.9	1	3.1	132.0	0.73	<0.05	12.6	0.254	3.6
M358417		1580	132.0	0.003	6.11	173.5	6.6	2	20.2	55.8	0.45	0.17	8.0	0.152	12.3
M358418		4.5	1.9	<0.002	0.01	0.43	0.2	1	0.2	49.1	<0.05	<0.05	0.2	<0.005	0.5
M358419		123.0	148.0	<0.002	4.15	75.2	7.8	1	5.8	28.1	0.51	0.07	9.9	0.192	8.7
M358420		896	134.0	<0.002	8.04	571	6.0	5	14.9	43.2	0.39	1.01	7.8	0.153	4.0
M358421		3.4	1.9	<0.002	0.01	1.74	0.2	1	<0.2	52.8	<0.05	<0.05	<0.2	<0.005	0.6
M358422		57.3	134.0	<0.002	1.06	11.10	10.2	1	3.6	134.0	0.74	0.05	12.7	0.257	4.2
M358423		56.6	130.0	<0.002	0.70	6.15	9.3	1	3.7	230	0.76	0.09	11.6	0.251	3.8
M358424		2810	160.5	0.002	4.89	94.5	7.4	1	8.3	93.8	0.50	0.39	10.9	0.178	5.4
M358425		1960	129.0	<0.002	2.29	11.40	9.5	1	8.3	121.0	0.69	0.12	12.7	0.236	5.6
M358426		68.3	127.0	<0.002	0.55	8.74	9.4	1	3.0	179.5	0.68	<0.05	12.3	0.228	4.2
M358427		719	174.5	<0.002	4.34	15.45	9.2	1	10.2	70.3	0.65	0.18	12.4	0.216	4.5
M358428		94.3	135.5	<0.002	1.67	10.25	9.4	1	2.7	89.4	0.69	<0.05	12.1	0.234	4.8
M358429		78.1	108.5	<0.002	0.40	14.00	10.4	1	2.2	207	0.73	<0.05	12.0	0.258	3.2
M358430		79.2	129.0	<0.002	1.28	15.95	9.6	1	2.5	107.5	0.63	<0.05	12.2	0.220	4.8
M358431		18.0	99.0	<0.002	0.08	7.95	9.6	1	1.7	294	0.76	<0.05	11.0	0.251	3.1
M358432		17.7	111.5	<0.002	0.08	8.15	9.6	1	1.7	285	0.73	<0.05	12.9	0.248	3.2
M358433		160.5	95.5	<0.002	1.07	21.9	9.2	1	3.5	155.0	0.67	0.05	11.6	0.233	4.8
M358434		2760	153.0	<0.002	4.81	91.2	7.3	1	8.0	89.9	0.48	0.38	10.0	0.179	5.1
M358435		29.0	91.7	<0.002	0.11	7.44	9.2	1	1.8	294	0.79	<0.05	10.4	0.252	3.7
M358436		41.0	125.5	<0.002	0.91	14.40	9.8	1	2.3	119.0	0.70	0.13	13.4	0.241	8.2
M358437		37.6	118.5	<0.002	1.08	8.42	10.4	1	3.4	192.0	0.71	0.06	11.5	0.271	4.8
M358438		445	138.0	<0.002	1.99	25.2	9.3	1	4.2	235	0.70	0.13	13.1	0.229	4.4
M358439		18.8	102.5	<0.002	0.01	2.31	8.9	1	1.8	356	0.70	<0.05	11.2	0.241	3.5
M358440		41.4	112.0	<0.002	0.37	7.38	9.6	1	2.3	326	0.67	<0.05	11.1	0.262	3.1
M358441		39.2	110.0	<0.002	0.35	7.15	9.4	1	2.2	323	0.62	<0.05	11.4	0.261	3.1
M358442		19.2	100.0	<0.002	0.04	2.55	10.3	1	1.6	352	0.71	<0.05	12.1	0.260	3.4
M358443		34.2	119.5	<0.002	0.15	12.80	10.5	1	1.8	254	0.71	<0.05	14.6	0.248	2.9
M358444		74.2	109.0	<0.002	0.23	5.18	10.6	1	2.2	325	0.67	<0.05	12.2	0.248	2.7
M358445		77.4	128.0	<0.002	0.50	21.0	11.2	1	2.8	160.0	0.67	<0.05	13.9	0.259	4.1
M358446		12.6	89.5	<0.002	0.10	21.3	7.8	1	1.3	265	0.74	<0.05	8.7	0.266	3.9
M358447		131.5	157.0	<0.002	1.57	27.8	11.3	1	4.5	129.5	0.63	0.11	14.4	0.239	3.8
M358448		38.4	136.5	<0.002	0.65	9.37	11.9	1	2.0	152.0	0.75	<0.05	17.2	0.274	3.6
M358449		68.9	116.5	<0.002	0.63	4.83	10.3	1	2.9	350	0.62	<0.05	12.6	0.241	3.4
M358450		23.8	121.0	<0.002	0.10	12.85	11.2	1	1.8	243	0.62	<0.05	13.7	0.254	2.2
M358451		40.9	127.0	<0.002	0.31	15.15	10.7	1	2.2	160.5	0.65	0.07	15.1	0.253	2.5



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358416		71	3.9	15.2	120	35.4	1
M358417		48	6.5	14.6	7460	24.3	8
M358418		3	0.1	1.0	26	0.9	<1
M358419		56	8.7	12.8	249	26.6	2
M358420		51	6.1	10.7	4480	24.0	20
M358421		3	0.1	0.9	22	<0.5	<1
M358422		70	4.9	16.0	184	38.1	1
M358423		68	2.2	14.2	138	42.3	<1
M358424		58	5.4	10.4	5480	29.4	24
M358425		66	3.1	15.3	1950	37.0	9
M358426		62	2.0	15.0	182	35.9	1
M358427		62	4.0	15.0	1200	32.7	2
M358428		65	5.4	15.6	327	37.5	<1
M358429		72	3.1	16.2	143	39.2	<1
M358430		62	3.6	15.5	194	34.5	<1
M358431		68	2.1	15.5	49	41.3	<1
M358432		67	2.2	16.4	49	41.3	<1
M358433		62	5.5	14.5	676	37.1	2
M358434		58	5.2	10.1	5380	27.3	26
M358435		68	2.6	15.3	95	42.7	<1
M358436		67	5.3	17.9	191	41.8	1
M358437		78	5.2	16.5	96	39.1	1
M358438		61	5.3	15.9	832	39.5	7
M358439		64	3.3	15.8	54	39.1	<1
M358440		73	4.5	15.0	64	38.5	1
M358441		70	4.7	14.7	63	36.7	1
M358442		70	2.9	16.1	54	38.4	<1
M358443		67	3.0	16.9	68	40.3	<1
M358444		69	2.9	16.6	151	40.8	1
M358445		73	3.6	17.5	334	56.4	1
M358446		70	2.5	15.3	70	157.0	<1
M358447		71	3.9	18.8	188	43.7	3
M358448		72	4.5	18.4	104	43.8	<1
M358449		67	2.0	16.9	183	39.4	1
M358450		71	2.7	18.5	79	37.5	<1
M358451		70	4.3	18.3	125	38.8	<1



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



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**CERTIFICATE WH12203756**

Project: Klaza-116

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358452		2.40	<0.005	0.13	6.92	5.7	2140	1.55	0.19	2.08	0.30	43.0	5.7	9	10.20	4.2
M358453		3.28	<0.005	0.20	7.12	9.1	2210	1.35	0.34	1.21	0.39	51.6	6.6	8	9.71	5.8
M358454		2.75	0.068	0.56	7.45	24.3	1940	1.38	1.25	0.78	1.29	57.3	9.1	8	10.90	11.5
M358455		4.75	0.089	0.23	8.06	20.5	2310	1.31	0.69	0.67	0.31	57.2	6.1	9	10.55	14.3
M358456		6.88	0.097	0.37	7.61	67.5	2240	1.21	1.02	0.99	0.43	55.8	9.5	8	9.69	18.3
M358457		<0.02	0.100	0.40	7.64	71.9	2290	1.24	0.96	1.01	0.42	56.7	9.1	9	9.81	19.4
M358458		2.56	0.978	12.90	6.76	228	320	1.38	65.6	1.97	5.31	50.6	16.4	7	11.75	283
M358459		3.63	0.027	0.42	6.95	30.0	1440	1.89	0.81	3.08	0.47	58.1	8.5	21	16.75	16.2
M358460		2.34	0.451	0.92	7.38	80.4	1570	1.76	2.78	1.98	1.81	47.8	8.3	9	13.70	38.4
M358461		4.29	0.031	0.17	7.07	19.9	1930	1.85	0.72	2.37	0.23	42.4	6.2	10	13.95	5.9
M358462		3.73	0.032	0.31	7.06	22.2	1830	1.74	0.85	2.44	0.90	47.6	5.7	14	11.80	6.9
M358463		1.98	0.020	0.28	7.24	20.1	2170	1.63	1.08	2.23	0.57	43.6	5.6	8	9.40	8.0
M358464		0.89	0.005	0.17	6.99	13.1	2150	1.68	0.50	2.33	0.35	44.7	5.1	9	8.51	6.2
M358465		2.85	0.364	1.64	6.46	254	1710	1.48	4.46	3.07	1.42	49.7	6.6	8	9.77	34.9
M358466		3.39	0.023	0.39	7.28	21.1	1730	1.65	1.36	2.01	0.66	46.3	6.1	9	8.72	11.1
M358467		6.58	0.300	0.47	6.94	383	1820	1.65	1.22	2.36	0.55	40.0	7.0	10	8.43	11.4
M358468		2.71	0.342	0.98	6.93	682	1880	1.63	2.06	2.64	0.85	44.9	7.0	9	9.45	16.6
M358469		5.82	0.013	0.27	7.34	55.2	2240	1.79	0.64	2.56	1.35	43.5	6.6	10	11.35	9.5
M358470		3.21	0.011	0.24	7.08	18.2	2200	1.60	0.76	2.65	0.40	40.0	6.2	9	9.66	8.9
M358471		2.76	0.041	0.37	7.26	27.8	2030	1.64	1.45	2.15	0.51	41.5	8.3	9	9.21	9.9
M358472		5.82	0.027	0.33	7.34	11.4	2360	1.88	1.55	2.36	0.39	43.5	5.5	11	11.55	16.3
M358473		2.31	0.078	0.90	7.99	25.6	2040	1.50	3.75	1.52	0.84	60.5	8.3	9	11.95	79.1
M358474		3.19	0.465	0.42	7.95	12.4	2380	1.23	4.47	0.70	0.51	60.1	6.7	9	10.80	25.2
M358475		0.22	4.28	>100	5.29	8150	310	1.17	61.8	1.95	226	32.6	9.4	18	11.15	1310
M358476		2.63	0.240	1.38	6.87	79.5	680	1.54	6.33	1.71	1.57	57.9	13.0	7	11.50	52.0
M358477		2.17	0.164	1.64	6.97	137.5	550	1.43	6.23	0.93	1.63	69.7	11.7	9	7.38	70.3
M358478		2.39	3.81	6.60	5.12	416	1000	1.08	27.2	1.13	0.77	42.2	14.3	7	6.03	143.0
M358479		2.81	<0.005	0.01	0.07	<5	20	0.06	0.05	20.7	0.06	1.29	1.5	<1	0.19	2.0
M358480		4.40	0.138	1.09	6.89	108.0	880	1.43	4.03	1.79	1.48	47.9	7.0	8	14.05	27.6
M358481		2.72	0.628	10.90	5.77	699	320	1.43	7.93	1.11	18.95	40.7	4.9	7	11.05	1730
M358482		3.28	<0.005	0.02	0.07	<5	20	0.06	0.05	20.6	0.07	1.11	1.5	<1	0.30	3.1
M358483		3.98	0.273	2.13	7.04	157.5	970	1.54	6.31	1.98	3.91	52.9	5.9	7	16.05	82.4
M358484		2.57	0.036	0.74	7.09	39.1	1800	1.60	3.26	2.18	0.84	47.9	4.6	8	13.95	29.8
M358485		0.22	0.782	9.47	6.52	1770	930	1.49	6.62	1.90	41.1	43.7	16.5	19	16.20	112.0
M358486		5.14	0.035	0.55	7.19	21.2	2220	1.60	1.33	2.33	1.76	46.1	6.7	10	9.74	25.8
M358487		3.00	0.487	3.38	6.85	466	1740	1.53	31.5	2.15	1.11	48.9	5.3	9	16.05	148.0





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Finalized Date: 13-SEP-2012  
Account: ROCKHA

Project: Klaza-116

**CERTIFICATE OF ANALYSIS WH12203756**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358452		2.75	16.90	0.10	1.3	0.051	2.61	20.6	15.7	0.48	517	0.81	1.98	8.1	2.4	560
M358453		3.17	15.85	0.10	1.4	0.071	2.52	26.2	20.3	0.49	592	0.71	1.23	8.2	2.0	590
M358454		2.97	17.20	0.14	1.3	0.172	2.50	30.7	39.4	0.43	758	2.13	0.09	8.3	2.4	590
M358455		3.07	18.60	0.15	1.6	0.078	3.06	30.5	31.9	0.37	546	1.04	0.16	9.1	2.0	630
M358456		3.09	17.25	0.17	1.3	0.148	2.64	29.8	41.3	0.39	537	0.83	0.36	8.3	2.3	620
M358457		3.09	17.30	0.15	1.3	0.149	2.65	30.2	41.9	0.39	537	0.97	0.34	8.2	2.2	610
M358458		4.99	16.85	0.18	1.2	0.629	2.88	26.1	17.7	0.68	1100	1.90	0.07	7.0	3.8	540
M358459		2.74	18.20	0.17	3.7	0.071	2.93	29.5	24.0	1.15	827	2.38	0.11	10.5	10.0	810
M358460		3.67	17.10	0.16	1.3	0.233	3.07	24.5	18.8	0.69	939	0.80	0.84	8.2	2.9	650
M358461		2.68	16.40	0.15	1.4	0.140	2.74	21.1	18.5	0.55	499	1.45	2.16	8.2	2.1	540
M358462		3.14	16.75	0.14	1.4	0.116	2.69	23.2	17.9	0.69	801	3.46	1.81	8.6	2.2	590
M358463		2.86	16.90	0.12	1.3	0.190	2.81	21.2	34.7	0.69	600	7.72	1.40	8.4	2.0	600
M358464		2.90	16.20	0.14	1.4	0.112	2.72	21.9	19.5	0.59	577	3.21	2.12	8.4	2.1	570
M358465		3.34	15.60	0.16	0.9	0.292	2.80	25.6	18.2	0.66	764	3.28	0.09	6.4	2.1	530
M358466		3.03	16.75	0.17	1.1	0.155	2.37	23.5	21.9	0.69	522	3.07	1.91	7.7	2.1	580
M358467		3.28	16.30	0.13	1.1	0.123	2.42	19.6	17.5	0.76	541	1.61	2.19	8.4	2.4	570
M358468		3.22	16.60	0.16	1.1	0.123	2.60	21.9	18.4	0.69	822	1.67	1.84	8.1	2.3	560
M358469		3.06	16.65	0.15	1.2	0.100	2.54	21.2	20.4	0.78	627	1.02	2.61	8.4	2.4	610
M358470		2.96	16.40	0.15	1.1	0.131	2.62	19.1	17.5	0.68	666	1.21	2.13	8.2	2.3	580
M358471		3.07	16.40	0.15	1.1	0.264	2.54	20.5	19.5	0.67	575	0.97	1.97	8.0	2.4	570
M358472		3.04	16.60	0.14	1.1	0.109	2.60	21.7	19.6	0.77	540	1.17	2.53	8.1	2.3	600
M358473		3.61	18.10	0.17	1.3	0.278	2.87	31.7	22.9	0.61	502	0.93	0.92	8.8	2.1	630
M358474		3.01	17.25	0.14	1.3	0.139	2.84	32.4	30.7	0.34	554	1.80	0.12	8.8	2.2	630
M358475		8.20	12.90	0.20	1.1	4.47	2.25	16.3	32.6	0.64	3110	16.00	0.09	5.5	13.2	450
M358476		5.11	17.55	0.19	1.1	0.605	3.12	32.6	15.9	0.86	849	3.13	0.06	7.5	2.3	530
M358477		5.39	17.40	0.19	1.0	0.368	3.36	39.6	8.2	0.72	1300	100.5	0.05	6.6	2.1	510
M358478		9.15	14.20	0.25	0.8	0.286	2.35	22.2	15.3	0.54	1930	26.9	0.04	4.7	2.2	330
M358479		0.50	0.32	0.08	<0.1	0.005	0.04	0.6	1.1	12.40	219	0.10	<0.01	0.3	1.9	190
M358480		3.56	16.25	0.13	1.1	0.364	3.09	25.9	13.5	0.80	1820	10.15	0.04	7.2	2.1	520
M358481		6.64	15.40	0.18	0.9	1.510	2.60	22.1	18.1	0.56	2200	50.4	0.02	6.3	2.7	420
M358482		0.50	0.32	0.08	<0.1	0.005	0.03	0.5	1.1	12.35	218	0.28	<0.01	0.3	2.1	160
M358483		4.85	17.95	0.16	1.1	0.294	3.04	28.7	10.4	1.03	1760	3.07	0.04	7.9	2.1	550
M358484		3.46	16.40	0.13	1.2	0.289	3.30	24.4	17.3	0.80	1060	0.96	0.46	8.0	2.0	550
M358485		5.40	15.25	0.15	1.4	0.907	2.85	22.9	24.8	0.71	1990	13.25	0.28	7.8	14.4	490
M358486		3.19	15.35	0.12	1.2	0.195	3.25	23.4	15.8	0.80	550	0.79	1.90	8.5	2.4	590
M358487		3.43	15.10	0.12	1.1	0.236	3.32	25.5	23.8	0.72	819	1.22	0.72	7.5	2.3	530



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**CERTIFICATE OF ANALYSIS WH12203756**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358452		19.1	95.3	<0.002	0.04	4.37	9.0	1	1.5	290	0.69	<0.05	11.5	0.250	1.05	3.7
M358453		27.1	105.0	<0.002	0.11	10.55	10.7	1	1.9	195.0	0.72	0.05	14.1	0.262	1.11	3.4
M358454		96.9	117.0	<0.002	0.53	31.2	11.5	1	2.8	78.3	0.69	0.15	15.9	0.260	1.30	4.1
M358455		24.2	133.5	<0.002	0.13	15.95	11.9	1	1.9	87.3	0.77	<0.05	17.6	0.273	1.32	3.0
M358456		34.8	119.5	<0.002	0.59	24.3	11.4	1	2.2	130.0	0.65	0.07	14.6	0.260	1.27	4.9
M358457		33.2	120.0	<0.002	0.63	24.9	10.8	1	2.3	130.0	0.66	0.08	14.6	0.260	1.30	4.8
M358458		203	141.0	<0.002	3.42	45.1	9.8	2	5.6	106.5	0.56	0.48	11.3	0.219	2.12	5.1
M358459		36.7	117.5	<0.002	0.31	16.90	8.3	1	1.8	197.5	0.76	0.10	10.6	0.275	1.87	6.4
M358460		107.5	148.5	<0.002	1.36	13.45	11.1	1	3.0	204	0.69	0.07	14.0	0.250	2.06	4.6
M358461		19.8	106.0	<0.002	0.25	3.66	9.7	1	1.9	326	0.72	<0.05	12.7	0.237	1.34	3.9
M358462		35.8	102.0	<0.002	0.35	4.68	10.7	1	2.0	289	0.74	0.06	12.8	0.257	1.44	4.4
M358463		28.1	99.0	0.002	0.28	4.98	11.1	1	2.1	277	0.72	0.07	12.8	0.254	1.36	3.5
M358464		22.1	93.9	<0.002	0.15	3.97	10.3	1	1.6	332	0.74	<0.05	12.5	0.254	1.25	4.3
M358465		78.4	140.5	<0.002	1.43	10.25	9.6	2	4.1	152.5	0.50	0.22	11.0	0.210	2.08	5.2
M358466		31.2	96.7	0.002	0.52	4.20	11.0	1	1.8	300	0.61	0.06	12.1	0.244	1.19	4.3
M358467		42.5	90.3	<0.002	0.69	3.65	10.7	1	2.2	303	0.66	0.06	11.8	0.253	1.21	3.5
M358468		88.5	97.7	<0.002	0.77	4.63	10.4	1	2.6	285	0.65	0.08	11.3	0.246	1.30	4.0
M358469		28.9	85.3	<0.002	0.16	2.04	11.0	1	1.7	417	0.66	0.05	11.3	0.265	1.06	4.0
M358470		24.0	91.1	<0.002	0.23	2.36	10.2	1	1.6	346	0.62	0.07	10.3	0.253	1.18	3.8
M358471		30.8	104.0	<0.002	0.66	3.59	10.4	1	1.9	286	0.64	0.10	11.4	0.248	1.40	4.0
M358472		24.6	87.7	<0.002	0.18	3.81	11.0	1	1.5	395	0.63	0.06	11.5	0.265	1.04	3.3
M358473		42.2	118.5	<0.002	0.86	12.75	11.6	2	3.0	162.5	0.71	0.49	14.5	0.271	1.45	3.7
M358474		29.1	116.5	<0.002	0.37	30.0	11.9	1	2.2	88.1	0.73	0.10	16.0	0.272	1.37	3.3
M358475		9630	131.0	0.002	7.06	218	7.2	3	8.2	117.0	0.45	0.49	8.9	0.182	2.11	5.5
M358476		46.7	176.5	<0.002	3.11	21.5	11.1	2	8.3	85.8	0.60	0.52	13.4	0.227	2.42	5.8
M358477		84.3	197.5	0.009	3.90	20.7	10.6	2	8.1	34.0	0.56	0.50	13.0	0.207	2.77	6.4
M358478		216	119.5	0.004	9.53	48.6	7.8	2	6.1	38.0	0.39	1.11	9.4	0.148	1.92	6.9
M358479		1.5	2.0	<0.002	0.01	0.11	0.3	1	<0.2	44.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M358480		75.0	175.0	<0.002	2.22	22.9	9.9	1	3.6	85.7	0.60	0.16	13.7	0.226	3.05	6.8
M358481		440	148.5	<0.002	5.76	332	8.9	1	9.5	73.2	0.50	0.11	11.4	0.189	3.10	7.0
M358482		1.5	2.4	<0.002	0.01	0.38	0.5	1	<0.2	39.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M358483		171.5	174.0	<0.002	2.22	12.45	10.6	1	6.1	106.5	0.63	0.18	14.1	0.231	2.98	5.1
M358484		43.3	140.0	<0.002	0.76	5.17	10.5	1	4.3	153.5	0.70	0.10	13.2	0.243	2.40	4.7
M358485		1335	161.5	0.002	3.09	34.4	8.5	2	5.9	148.5	0.64	0.28	12.1	0.209	2.49	5.5
M358486		51.4	114.5	<0.002	0.42	2.62	10.0	1	3.6	315	0.68	0.05	12.0	0.262	1.62	4.2
M358487		59.7	130.5	<0.002	1.11	7.51	9.3	1	3.7	195.5	0.64	0.10	12.3	0.230	2.29	4.2



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**CERTIFICATE OF ANALYSIS WH12203756**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358452		67	1.4	15.4	62	39.0	<1	
M358453		77	3.4	16.8	93	39.8	<1	
M358454		70	5.1	17.0	174	38.3	<1	
M358455		73	4.9	18.2	61	45.3	<1	
M358456		70	4.5	17.9	72	39.0	<1	
M358457		70	4.4	17.7	71	38.1	<1	
M358458		64	5.7	14.2	446	36.7	12	
M358459		70	3.0	15.1	81	144.0	<1	
M358460		68	3.4	14.9	178	39.5	<1	
M358461		63	1.4	14.3	56	40.2	<1	
M358462		72	2.3	15.2	109	39.2	<1	
M358463		70	1.7	14.4	87	38.3	<1	
M358464		68	1.5	14.6	68	38.2	<1	
M358465		59	7.3	15.7	155	26.8	1	
M358466		70	6.3	15.2	92	30.2	<1	
M358467		69	2.0	15.5	77	31.7	<1	
M358468		67	2.5	14.9	113	31.7	<1	
M358469		71	1.6	15.7	138	33.6	<1	
M358470		68	1.7	14.7	74	32.1	<1	
M358471		67	2.2	14.6	79	32.3	<1	
M358472		73	1.1	15.8	73	30.2	<1	
M358473		75	1.9	17.3	108	34.5	<1	
M358474		73	4.0	17.6	72	35.3	<1	
M358475		54	4.5	8.9	>10000	32.4	117	1.580
M358476		70	3.3	14.3	178	29.2	<1	
M358477		67	7.4	11.2	181	27.2	1	
M358478		50	5.1	9.8	78	21.1	6	
M358479		3	<0.1	0.9	17	<0.5	<1	
M358480		68	5.3	13.3	159	29.7	<1	
M358481		57	9.4	10.2	1540	26.7	10	
M358482		3	<0.1	0.8	14	<0.5	<1	
M358483		64	6.1	13.8	359	32.6	1	
M358484		67	2.9	15.0	110	33.0	<1	
M358485		59	5.1	11.6	2980	42.2	9	
M358486		70	1.4	14.8	168	30.8	<1	
M358487		63	3.0	14.2	115	29.5	3	



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Project: Klaza-116

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**CERTIFICATE OF ANALYSIS WH12203756**

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



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**CERTIFICATE WH12203757**

Project: Klaza-118A

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-118A

**CERTIFICATE OF ANALYSIS WH12203757**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M354158		5.32	<0.005	0.32	6.96	40.4	1820	1.47	0.26	2.82	0.79	41.8	6.6	9	20.6	9.7
M354159		2.26	<0.005	0.24	7.16	26.3	1670	1.41	0.13	3.00	0.13	42.0	9.1	8	24.7	6.5
M354160		2.31	0.006	0.47	6.30	53.3	3450	1.09	0.16	5.07	0.20	38.7	7.1	8	19.25	6.4
M354161		2.57	<0.005	0.62	5.56	59.3	2400	1.20	0.18	3.64	0.14	28.3	7.1	6	20.2	15.9
M354162		2.52	<0.005	0.49	5.64	97.7	1960	1.27	0.17	3.77	0.21	32.2	6.5	5	18.35	7.4
M354163		3.81	<0.005	0.26	8.33	24.8	2200	1.45	0.13	0.67	0.23	59.7	6.3	9	14.00	5.2
M354164		0.25	2.27	26.1	5.89	3090	1350	1.38	20.4	2.20	81.8	46.1	10.6	18	14.10	449
M354165		2.48	<0.005	0.17	7.71	11.4	2370	1.41	0.15	1.08	0.43	61.8	8.0	8	11.05	6.6
M354166		5.85	<0.005	0.10	7.39	11.1	2010	1.73	0.16	2.37	0.14	51.7	7.3	8	14.55	12.5
M354167		3.04	<0.005	0.08	7.41	13.7	1940	1.55	0.40	3.15	0.15	43.5	8.7	23	14.55	8.1
M354168		4.87	<0.005	0.13	8.13	26.3	2260	1.53	0.86	5.43	0.24	46.8	16.9	85	15.00	2.9
M354169		4.76	<0.005	1.66	8.08	82.1	1980	1.79	1.15	3.09	4.34	43.6	11.9	95	33.6	44.2
M354170		4.38	0.019	2.52	7.96	106.5	1630	1.77	1.56	3.44	1.88	53.7	14.5	61	39.1	99.2
M354171		3.02	<0.005	0.04	0.13	<5	30	0.12	0.10	22.8	0.07	1.33	0.8	<1	1.84	1.9
M354172		5.84	<0.005	0.14	7.42	21.9	2150	1.44	0.20	2.47	0.13	44.6	7.5	11	12.10	16.9
M354173		3.35	0.007	0.61	7.58	112.5	2190	1.50	0.23	3.08	1.24	43.7	8.9	11	11.50	15.1
M354174		3.93	<0.005	0.27	7.59	8.1	2090	1.61	0.29	2.49	0.14	47.2	7.7	10	11.65	15.9
M354175		2.78	<0.005	0.07	7.41	10.3	2150	1.55	0.15	2.62	0.16	47.6	7.7	10	8.96	8.9
M354176		1.28	<0.005	0.05	7.37	4.9	2140	1.48	0.11	2.54	0.11	51.5	6.7	10	8.67	11.9
M354177		5.81	<0.005	0.06	7.61	5.7	2090	1.57	0.13	2.87	0.12	45.6	7.8	12	10.35	10.4
M354178		<0.02	<0.005	0.10	7.61	6.7	2120	1.59	0.14	2.86	0.13	45.8	8.0	11	10.95	11.5
M354179		6.86	<0.005	0.07	7.35	4.8	2100	1.53	0.13	2.62	0.09	46.6	7.5	10	7.20	8.6
M354180		6.83	<0.005	0.09	7.29	4.5	2080	1.52	0.14	2.72	0.08	39.2	8.1	11	6.92	7.4
M354181		0.22	0.752	9.69	6.75	1815	1040	1.54	7.18	1.98	44.1	47.7	16.7	20	16.55	112.5
M354182		7.19	<0.005	0.07	7.28	3.8	2120	1.78	0.13	2.65	0.10	46.5	7.7	11	7.69	5.5
M354183		9.27	<0.005	0.07	7.43	3.1	2020	1.71	0.12	2.56	0.11	44.0	7.4	10	7.40	5.3
M354184		4.79	<0.005	0.08	7.23	2.8	1920	1.44	0.09	2.53	0.09	49.4	5.8	8	8.49	4.2
M354185		3.81	<0.005	0.35	6.92	4.8	1630	1.43	0.48	3.34	0.10	54.7	5.0	8	11.45	33.0
M354186		3.26	<0.005	0.24	6.80	6.0	1860	1.33	0.58	3.44	0.10	44.1	4.3	11	9.32	40.3
M354187		2.45	<0.005	1.03	6.70	7.7	1640	1.16	0.50	3.12	0.13	47.4	6.1	9	11.85	31.7
M354188		4.41	<0.005	0.03	0.09	<5	30	0.05	0.01	22.2	0.06	1.32	0.6	<1	0.32	2.4
M354189		5.79	<0.005	0.06	7.71	15.0	980	1.40	0.58	4.81	0.11	47.3	12.8	39	27.7	2.8
M354190		5.35	<0.005	0.13	8.04	14.1	870	1.14	1.35	4.93	0.07	49.3	7.5	36	14.95	0.8
M354191		4.13	<0.005	0.10	7.00	2.1	1610	1.39	0.09	1.75	0.07	52.8	5.5	6	8.99	4.3
M354192		5.05	<0.005	0.05	7.20	2.9	1960	1.67	0.10	1.90	0.10	49.8	5.9	9	10.10	8.9
M354193		6.89	<0.005	0.22	7.06	17.3	1700	1.40	0.45	3.11	0.16	51.5	5.5	13	13.45	24.4



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Project: Klaza-118A

**CERTIFICATE OF ANALYSIS WH12203757**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354158		3.13	16.65	0.13	1.0	0.072	2.71	19.6	26.8	0.33	1250	3.03	1.03	8.3	3.0	600
M354159		2.81	16.35	0.12	1.1	0.040	2.47	19.9	94.8	0.63	746	0.97	0.40	8.0	3.1	600
M354160		3.06	13.95	0.09	0.6	0.041	2.64	17.9	36.5	0.62	1130	1.23	0.04	7.2	2.8	640
M354161		2.51	15.00	0.12	1.1	0.046	2.84	12.6	22.0	0.21	785	2.07	0.05	7.6	2.5	560
M354162		2.64	13.60	0.11	1.3	0.037	2.46	15.4	42.7	0.49	1020	2.24	0.04	6.9	2.6	520
M354163		2.83	16.85	0.13	1.4	0.051	3.08	29.1	38.2	0.38	568	1.05	0.35	9.0	3.4	690
M354164		6.66	13.65	0.11	0.8	1.685	2.62	23.9	25.6	0.91	1920	12.05	0.04	5.5	14.0	450
M354165		3.19	15.45	0.12	1.4	0.028	2.82	33.3	35.4	0.33	758	1.76	0.38	8.4	3.0	610
M354166		2.94	15.55	0.12	1.3	0.027	2.75	23.0	15.3	0.55	710	0.79	1.82	8.1	2.9	610
M354167		3.17	15.60	0.10	1.4	0.038	2.54	21.4	16.2	0.77	955	0.85	2.04	7.6	6.8	730
M354168		5.87	16.40	0.15	2.2	0.063	2.17	22.7	24.0	2.52	2250	0.89	2.40	6.6	25.8	1440
M354169		6.43	17.60	0.11	2.1	0.175	2.34	19.8	41.2	1.78	1920	0.66	0.79	7.0	20.7	1470
M354170		5.76	16.15	0.13	1.7	0.257	2.34	26.1	29.0	1.52	2730	1.00	0.72	7.0	15.8	1140
M354171		0.51	0.33	0.05	<0.1	<0.005	0.08	0.6	2.4	14.10	245	0.15	0.01	0.3	2.0	240
M354172		2.90	16.00	0.11	1.2	0.032	2.68	21.4	15.9	0.69	617	0.81	1.72	7.8	3.2	650
M354173		3.18	16.50	0.10	1.3	0.053	2.98	19.5	20.0	0.77	1490	0.72	1.31	8.1	3.4	690
M354174		2.87	15.95	0.11	1.1	0.035	2.78	22.2	22.5	0.74	758	0.81	1.62	8.1	2.8	640
M354175		2.97	15.85	0.15	1.0	0.025	2.69	22.7	18.6	0.86	680	1.60	2.11	7.8	2.6	630
M354176		2.73	15.90	0.14	1.0	0.021	2.73	25.5	20.4	0.81	655	0.66	2.03	7.6	2.5	590
M354177		2.95	15.70	0.12	1.1	0.033	2.69	20.9	16.6	0.89	725	1.13	2.22	7.7	2.7	660
M354178		2.97	16.30	0.12	1.1	0.024	2.70	22.0	17.0	0.90	717	1.27	2.26	8.1	2.9	680
M354179		2.97	15.50	0.12	1.2	0.028	2.62	22.8	17.1	0.92	661	0.85	2.19	8.1	2.5	630
M354180		2.98	15.60	0.13	1.2	0.018	2.64	18.7	16.5	0.86	650	1.72	2.21	8.4	2.6	630
M354181		5.32	14.55	0.12	1.2	0.894	2.97	23.8	26.8	0.72	2120	12.00	0.28	7.3	13.7	510
M354182		2.92	15.85	0.11	1.2	0.018	2.45	21.7	15.9	0.84	662	0.95	2.29	8.4	2.7	640
M354183		2.84	14.60	0.14	1.4	0.013	2.65	20.9	14.6	0.78	630	1.14	2.30	8.2	2.5	620
M354184		2.48	14.10	0.11	1.2	0.016	2.83	22.7	15.6	0.68	603	1.38	2.00	7.5	2.1	530
M354185		2.48	13.90	0.15	1.2	0.034	2.79	30.1	16.8	0.84	704	2.46	1.13	7.6	2.1	510
M354186		2.79	13.40	0.09	1.2	0.024	2.44	21.2	12.7	0.85	769	1.21	1.32	7.7	2.3	550
M354187		2.80	13.35	0.11	1.1	0.042	2.46	23.0	14.2	0.88	704	1.62	0.95	7.5	2.9	590
M354188		0.50	0.24	0.07	<0.1	<0.005	0.04	0.6	1.6	13.70	227	0.09	0.01	0.2	1.6	190
M354189		4.25	15.60	0.13	1.4	0.075	2.09	22.7	18.9	1.28	1080	0.38	1.74	7.2	10.3	1230
M354190		5.60	15.15	0.12	1.1	0.133	1.97	23.5	21.7	2.23	1110	0.40	1.98	6.6	12.6	1320
M354191		2.37	13.60	0.11	1.2	0.013	2.79	27.3	18.4	0.84	485	1.06	1.05	7.0	2.1	470
M354192		2.49	14.90	0.11	1.2	0.014	2.84	24.9	17.5	0.70	492	1.16	1.82	7.7	2.1	550
M354193		2.75	15.25	0.12	1.2	0.050	2.90	25.8	14.7	0.84	677	23.4	1.13	7.3	2.7	590



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Project: Klaza-118A

**CERTIFICATE OF ANALYSIS WH12203757**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M354158		45.6	112.5	<0.002	0.04	5.63	10.9	2	1.9	182.5	0.70	<0.05	10.7	0.267	1.67	2.6
M354159		11.7	101.5	<0.002	0.10	6.56	10.9	1	1.3	127.0	0.75	<0.05	13.2	0.267	1.75	2.8
M354160		13.4	74.1	<0.002	0.20	7.96	9.8	1	1.3	110.5	0.56	<0.05	7.1	0.282	1.66	2.4
M354161		16.9	91.8	<0.002	0.11	7.87	6.4	1	1.3	72.3	0.64	<0.05	8.4	0.234	1.97	2.2
M354162		18.6	72.3	<0.002	0.26	9.75	6.8	<1	1.2	96.1	0.65	<0.05	9.9	0.219	2.00	2.8
M354163		15.8	131.5	<0.002	<0.01	7.79	11.8	<1	1.6	82.1	0.79	<0.05	16.0	0.289	1.57	2.0
M354164		2870	156.0	<0.002	4.82	87.9	8.3	1	7.7	95.6	0.44	0.46	10.4	0.181	2.26	5.1
M354165		18.6	115.0	<0.002	0.02	8.89	12.6	1	1.5	95.1	0.77	<0.05	17.4	0.268	1.26	2.1
M354166		16.0	101.0	<0.002	<0.01	3.29	10.4	<1	2.0	291	0.70	<0.05	13.3	0.274	1.11	1.5
M354167		13.8	95.8	<0.002	<0.01	4.21	13.4	1	1.5	353	0.63	<0.05	11.5	0.291	1.20	1.7
M354168		12.9	80.9	<0.002	<0.01	7.44	25.7	1	1.3	546	0.39	<0.05	6.4	0.470	1.52	3.2
M354169		206	77.1	<0.002	0.29	23.2	25.6	1	1.9	217	0.45	<0.05	6.8	0.482	1.87	3.1
M354170		164.0	119.5	<0.002	0.44	26.6	21.4	<1	2.3	213	0.50	<0.05	10.9	0.387	1.93	3.9
M354171		1.8	4.9	<0.002	<0.01	0.13	0.5	<1	0.3	44.8	<0.05	<0.05	<0.2	0.005	0.04	0.5
M354172		15.2	97.4	<0.002	0.01	4.94	10.9	<1	2.8	306	0.63	<0.05	12.2	0.271	1.13	1.6
M354173		51.2	95.6	<0.002	0.17	6.40	11.4	<1	2.0	271	0.69	<0.05	10.8	0.279	1.53	2.3
M354174		23.1	96.7	<0.002	0.05	5.24	11.1	1	1.9	304	0.66	<0.05	12.4	0.276	1.32	2.5
M354175		17.0	94.4	<0.002	0.06	2.42	11.4	1	1.8	375	0.60	<0.05	11.8	0.272	1.02	2.8
M354176		17.2	100.0	<0.002	0.02	2.36	11.0	<1	2.1	367	0.56	<0.05	12.5	0.265	1.02	2.1
M354177		16.1	93.1	<0.002	0.03	1.98	11.3	1	1.7	393	0.61	<0.05	11.3	0.288	1.05	2.6
M354178		16.9	93.6	<0.002	0.03	2.18	11.6	1	1.7	399	0.64	<0.05	12.0	0.284	1.07	2.6
M354179		16.4	90.8	<0.002	0.03	1.65	11.1	1	1.7	371	0.65	<0.05	12.2	0.268	0.98	2.7
M354180		16.0	92.0	<0.002	0.04	1.81	11.0	1	1.6	367	0.72	<0.05	11.9	0.276	0.96	2.5
M354181		1385	156.5	<0.002	3.15	32.0	9.1	1	5.9	158.0	0.60	0.35	11.6	0.218	2.49	5.0
M354182		16.2	91.0	<0.002	0.02	1.98	11.1	<1	1.6	393	0.80	<0.05	11.3	0.276	0.96	3.0
M354183		17.5	96.8	<0.002	0.02	2.14	10.3	<1	1.6	373	0.81	<0.05	12.9	0.264	0.97	3.1
M354184		18.4	95.4	<0.002	0.01	2.24	8.6	<1	1.4	332	0.71	<0.05	13.0	0.230	0.94	2.4
M354185		18.7	108.5	<0.002	0.02	4.13	8.8	<1	1.5	245	0.74	<0.05	15.5	0.221	1.11	6.2
M354186		16.1	83.2	<0.002	0.09	3.33	9.0	1	1.5	269	0.82	<0.05	11.8	0.240	1.15	3.8
M354187		14.5	91.5	<0.002	0.14	5.08	9.5	1	1.4	246	0.82	<0.05	11.3	0.251	1.26	5.7
M354188		1.5	2.1	<0.002	<0.01	0.05	0.3	<1	0.2	42.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M354189		13.9	94.7	<0.002	0.11	6.18	17.2	1	1.2	303	0.50	0.06	7.9	0.376	1.57	4.0
M354190		9.6	102.5	<0.002	0.03	10.25	19.6	1	1.2	399	0.42	<0.05	7.3	0.411	1.29	3.8
M354191		18.5	98.5	<0.002	0.01	2.80	8.1	1	1.3	202	0.75	<0.05	17.4	0.199	0.96	3.9
M354192		19.0	111.5	<0.002	0.01	2.49	10.0	<1	1.5	313	0.63	<0.05	14.2	0.240	1.01	2.7
M354193		20.8	109.0	<0.002	0.05	3.93	10.1	1	1.5	260	0.61	0.05	14.4	0.249	1.45	4.8





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 Finalized Date: 13-SEP-2012  
 Account: ROCKHA

Project: Klaza-118A

**CERTIFICATE OF ANALYSIS WH12203757**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M354158		72	2.1	15.5	100	22.7	<1
M354159		70	3.6	15.7	58	23.6	<1
M354160		73	10.5	12.7	68	15.1	<1
M354161		64	4.5	9.4	54	30.9	<1
M354162		62	5.2	11.1	66	32.0	<1
M354163		76	6.1	16.7	60	34.3	<1
M354164		56	4.9	9.7	5470	22.5	24
M354165		79	5.0	20.8	88	33.2	<1
M354166		77	1.5	14.3	60	31.0	<1
M354167		97	2.4	14.7	71	38.0	<1
M354168		201	3.0	20.6	149	78.0	<1
M354169		203	10.5	15.8	452	72.7	1
M354170		155	4.3	16.1	242	55.1	2
M354171		4	0.1	0.9	16	<0.5	<1
M354172		79	2.1	14.9	62	31.6	<1
M354173		84	3.4	15.6	181	32.0	4
M354174		76	2.3	14.4	64	27.2	<1
M354175		78	1.2	16.7	64	24.5	<1
M354176		75	1.0	16.2	58	25.2	<1
M354177		81	1.4	16.1	62	25.3	<1
M354178		81	1.4	16.1	61	26.1	<1
M354179		76	1.5	15.5	52	26.5	<1
M354180		80	3.2	15.0	50	27.1	<1
M354181		61	5.2	11.6	3220	33.1	9
M354182		78	2.7	15.8	53	23.5	<1
M354183		75	3.0	14.9	52	27.3	<1
M354184		62	3.5	14.2	46	25.7	<1
M354185		61	6.6	20.0	42	28.8	<1
M354186		68	3.0	15.9	47	24.9	<1
M354187		73	6.1	14.7	48	21.5	1
M354188		3	0.1	0.8	13	<0.5	<1
M354189		141	3.7	20.4	67	45.9	<1
M354190		161	3.7	17.9	69	38.1	<1
M354191		53	7.0	15.3	43	27.0	<1
M354192		66	4.1	12.2	46	26.4	<1
M354193		75	3.4	16.2	55	26.2	<1



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**CERTIFICATE OF ANALYSIS WH12203757**

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



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**CERTIFICATE WH12203758**

Project: KLAZA-119

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: KLAZA-119

**CERTIFICATE OF ANALYSIS WH12203758**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359306		3.54	<0.005	0.31	6.96	3.2	2100	1.45	0.58	2.61	0.12	48.7	7.2	12	12.10	8.4
M359307		4.75	<0.005	0.18	7.11	4.6	1870	1.18	0.32	1.43	0.13	46.6	6.4	9	20.8	9.5
M359308		4.39	<0.005	0.17	7.14	4.2	1840	1.21	0.30	1.53	0.12	44.3	6.7	9	25.2	8.7
M359309		2.97	<0.005	0.38	6.09	22.5	1430	1.51	0.31	2.85	0.12	40.8	6.8	8	26.2	11.6
M359310		3.69	<0.005	0.26	6.30	5.3	1630	1.49	0.24	1.99	0.13	44.1	6.7	9	20.2	8.1
M359311		2.59	<0.005	0.23	6.54	4.4	2180	1.59	0.26	2.73	0.16	50.6	6.9	11	17.65	16.2
M359312		4.14	<0.005	0.24	6.95	4.9	1980	1.68	0.36	2.60	0.31	43.6	7.3	13	12.70	25.5
M359313		4.51	<0.005	0.22	6.59	11.0	1670	1.63	0.31	2.52	0.26	43.5	6.5	11	16.60	21.2
M359314		3.13	<0.005	0.01	0.07	<5	40	0.05	0.04	22.1	0.08	1.35	1.3	<1	0.20	3.1
M359315		2.59	<0.005	0.25	6.79	5.9	1890	1.77	0.33	2.75	0.28	62.6	7.9	10	15.40	28.0
M359316		<0.02	<0.005	0.23	6.63	5.6	1820	1.78	0.32	2.75	0.28	58.3	7.8	10	15.35	26.3
M359317		2.50	<0.005	0.30	6.19	5.8	2060	1.60	0.30	3.17	0.34	35.6	7.4	9	15.70	25.9
M359318		2.65	<0.005	0.22	6.50	5.4	2050	1.53	0.27	2.67	0.31	37.0	7.2	9	14.45	25.6
M359319		2.55	<0.005	0.20	7.02	4.7	2350	1.69	0.24	2.66	0.24	42.2	7.3	10	16.90	22.8
M359320		4.58	<0.005	0.13	7.29	2.5	2230	1.58	0.14	2.70	0.11	48.8	7.5	12	7.17	13.0
M359321		2.44	<0.005	0.13	6.80	3.0	2190	1.69	0.19	2.63	0.10	46.6	6.5	11	10.80	9.3
M359322		3.50	<0.005	0.12	6.83	3.4	1990	1.71	0.12	2.62	0.11	45.2	7.3	11	10.15	6.3
M359323		3.09	<0.005	0.15	7.00	2.7	2110	1.79	0.24	2.69	0.12	43.5	7.5	11	8.20	6.3
M359324		1.36	<0.005	0.12	7.05	2.5	2140	1.73	0.14	2.63	0.10	39.8	7.2	10	7.22	5.5
M359325		4.18	<0.005	0.16	7.11	4.5	2090	1.65	0.19	2.79	0.20	46.3	7.7	10	14.75	7.0
M359326		0.23	0.779	9.64	6.34	1700	460	1.58	6.50	1.90	43.4	44.6	16.9	19	16.85	103.0
M359327		2.55	<0.005	0.13	7.10	5.8	2200	1.54	0.09	2.48	0.18	45.4	6.8	9	24.1	5.1
M359328		2.62	<0.005	0.11	6.66	4.1	2060	1.64	0.13	2.53	0.10	46.9	7.3	10	17.60	4.6
M359329		0.25	2.35	24.3	5.73	3280	1350	1.37	19.60	2.26	81.6	44.5	10.9	19	15.00	436
M359330		2.78	<0.005	0.28	6.65	70.2	2020	1.63	0.13	2.35	0.36	47.5	7.3	9	16.75	6.6
M359331		2.65	0.007	0.32	6.60	114.0	1810	1.76	0.16	2.21	0.27	45.6	7.0	8	16.10	6.1
M359332		3.11	0.286	2.00	5.94	501	790	1.77	0.12	1.78	5.94	37.9	7.9	7	17.90	12.5
M359333		5.07	0.006	0.58	6.33	26.6	970	1.62	0.60	2.65	1.17	40.6	8.4	8	18.35	7.0
M359334		2.77	0.131	1.26	6.37	233	1860	1.97	0.12	2.72	2.86	40.5	7.6	7	19.80	8.3
M359335		2.89	0.027	0.39	6.91	75.3	2040	1.70	0.20	2.45	0.68	45.4	7.7	9	10.25	5.5
M359336		3.30	<0.005	0.01	0.05	<5	30	<0.05	0.02	20.8	0.06	0.97	1.3	<1	0.17	1.7
M359337		7.44	<0.005	0.20	6.99	3.8	2040	1.92	0.26	2.50	0.15	44.9	8.1	12	8.73	5.4
M359338		5.25	<0.005	0.12	6.74	3.5	2030	1.74	0.08	2.56	0.12	45.1	7.9	14	6.01	5.3
M359339		2.69	<0.005	0.14	6.76	5.5	1870	1.82	0.13	2.84	0.23	43.6	7.9	10	9.03	6.5
M359340		3.71	<0.005	0.14	7.35	2.6	2230	1.51	0.08	2.55	0.13	53.2	8.4	14	6.41	9.6
M359341		5.06	<0.005	0.13	7.17	3.3	1900	1.61	0.11	2.58	0.09	50.3	7.3	12	9.39	7.2



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Project: KLAZA-119

**CERTIFICATE OF ANALYSIS WH12203758**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359306		2.85	14.70	0.12	1.1	0.041	2.85	24.9	23.4	0.74	652	0.66	2.31	7.8	2.6	540
M359307		2.53	15.15	0.10	1.1	0.039	2.98	24.3	32.4	0.40	629	0.57	0.62	8.0	2.2	580
M359308		2.74	15.10	0.11	1.1	0.036	2.84	22.9	28.5	0.39	677	0.72	0.78	7.9	2.4	580
M359309		2.86	13.65	0.11	1.0	0.040	2.57	20.7	30.6	0.57	934	0.83	0.45	7.4	2.2	540
M359310		2.61	14.30	0.11	1.1	0.037	2.77	22.5	18.7	0.58	726	0.61	1.47	8.0	2.2	530
M359311		2.74	14.40	0.11	1.3	0.039	2.72	26.5	12.0	0.74	701	1.08	1.67	7.9	2.4	520
M359312		2.83	15.00	0.10	1.6	0.062	2.88	21.3	14.4	0.75	790	1.77	2.51	8.9	2.3	540
M359313		2.59	14.25	0.10	1.7	0.040	2.80	22.4	14.7	0.66	673	2.17	1.92	8.3	2.2	490
M359314		0.48	0.22	<0.05	<0.1	0.005	0.02	0.7	1.1	13.20	200	0.11	0.01	0.3	1.2	210
M359315		2.84	15.90	0.12	1.5	0.050	2.74	32.6	13.4	0.80	695	1.26	2.12	8.2	2.5	540
M359316		2.84	15.15	0.10	1.4	0.051	2.70	30.4	13.6	0.81	719	1.12	2.08	8.2	2.5	530
M359317		2.77	14.70	0.10	1.2	0.045	2.71	16.2	16.1	0.77	771	1.39	2.02	7.7	2.3	540
M359318		2.79	14.80	0.09	1.2	0.045	2.79	17.1	18.2	0.73	698	1.45	2.06	7.5	2.3	530
M359319		2.80	15.25	0.11	1.4	0.042	2.91	19.8	17.5	0.70	685	1.30	2.35	8.1	2.4	550
M359320		2.95	15.20	0.10	1.4	0.035	2.75	25.3	21.8	0.83	651	2.83	2.36	8.2	2.5	580
M359321		2.65	14.85	0.10	1.6	0.033	2.99	23.9	18.5	0.70	630	0.88	1.95	8.0	2.2	490
M359322		2.74	15.00	0.10	1.6	0.032	2.88	22.7	16.8	0.75	666	2.12	2.22	8.6	2.4	530
M359323		2.90	15.40	0.10	1.6	0.034	2.87	21.7	21.2	0.80	697	1.79	2.22	8.9	2.5	560
M359324		2.87	15.30	0.11	1.5	0.033	2.82	18.7	21.3	0.78	666	2.19	2.28	8.8	2.4	560
M359325		2.94	15.30	0.10	1.4	0.038	2.82	23.3	49.3	0.82	829	12.20	1.74	9.1	2.6	610
M359326		5.23	14.15	0.14	1.3	0.935	2.84	23.4	26.9	0.70	1940	12.60	0.27	7.8	14.4	480
M359327		2.72	14.95	0.11	1.3	0.034	3.00	24.0	70.2	0.66	763	1.39	1.39	7.8	2.3	560
M359328		2.80	14.70	0.10	1.3	0.035	2.75	23.5	15.9	0.74	698	0.65	2.30	8.3	2.3	540
M359329		6.75	13.25	0.15	1.0	1.765	2.65	24.7	24.8	0.95	1880	13.35	0.04	6.2	14.4	430
M359330		2.58	14.55	0.11	1.5	0.036	3.42	24.6	29.3	0.62	1830	0.94	1.29	8.2	2.5	520
M359331		2.66	15.05	0.11	1.7	0.034	3.50	22.4	23.7	0.56	2210	1.09	1.34	8.7	2.3	530
M359332		3.23	13.35	0.10	1.5	0.027	2.87	18.6	39.2	0.52	6730	1.59	0.04	7.3	2.4	460
M359333		2.74	14.50	0.11	1.6	0.048	3.22	19.7	29.8	0.73	3660	0.91	0.08	8.0	2.2	530
M359334		3.04	14.60	0.10	1.6	0.036	3.16	19.3	32.1	0.63	7160	1.53	0.06	7.9	2.3	550
M359335		2.95	15.15	0.12	1.5	0.034	3.09	22.6	31.4	0.76	1680	1.04	1.81	8.5	2.5	570
M359336		0.48	0.18	<0.05	<0.1	0.005	0.02	0.5	1.0	12.45	222	0.08	0.01	0.2	1.3	160
M359337		2.92	16.15	0.10	1.7	0.036	2.72	23.0	22.9	0.83	1100	1.47	2.35	9.0	2.6	570
M359338		2.85	15.50	0.11	1.5	0.039	2.66	22.8	21.6	0.83	736	0.79	2.28	8.6	2.5	550
M359339		2.98	15.25	0.11	1.6	0.039	2.70	21.0	17.0	0.78	1500	0.79	2.03	9.0	2.5	590
M359340		2.95	16.65	0.17	1.6	0.039	2.39	24.9	18.1	0.86	807	0.86	2.21	8.9	3.3	630
M359341		2.55	15.55	0.16	1.7	0.035	2.42	23.4	15.1	0.70	693	0.76	2.14	8.2	2.6	550



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Project: KLAZA-119

**CERTIFICATE OF ANALYSIS WH12203758**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M359306		28.3	96.8	<0.002	0.01	2.13	9.5	1	1.6	368	0.59	<0.05	12.1	0.257	3.3
M359307		23.8	111.0	<0.002	0.01	18.00	10.0	1	1.8	142.0	0.60	<0.05	12.3	0.262	2.8
M359308		23.4	102.5	<0.002	0.01	22.1	10.3	1	1.6	153.5	0.62	<0.05	11.6	0.259	3.3
M359309		16.1	86.9	<0.002	0.06	74.7	9.1	1	1.8	182.5	0.53	<0.05	9.0	0.247	4.6
M359310		16.5	100.0	<0.002	0.01	39.4	8.9	1	1.6	219	0.61	<0.05	11.1	0.250	3.3
M359311		19.0	98.8	<0.002	0.02	33.4	9.3	1	1.9	301	0.61	<0.05	12.5	0.245	3.9
M359312		32.2	107.5	<0.002	0.01	14.90	9.8	1	2.5	365	0.82	<0.05	13.8	0.241	6.7
M359313		30.8	105.0	<0.002	0.04	44.0	8.3	1	2.0	301	0.86	<0.05	13.4	0.223	5.8
M359314		1.5	1.2	<0.002	<0.01	0.12	0.2	1	<0.2	52.6	<0.05	<0.05	<0.2	<0.005	0.7
M359315		33.9	107.0	<0.002	0.01	23.0	10.4	1	2.3	355	0.74	<0.05	15.5	0.246	4.1
M359316		33.0	100.5	<0.002	0.01	20.7	10.4	1	2.3	345	0.76	<0.05	14.7	0.251	4.7
M359317		33.0	90.1	<0.002	0.03	9.61	8.8	1	2.0	357	0.62	<0.05	9.5	0.243	5.0
M359318		30.5	98.1	<0.002	0.02	8.64	8.7	1	2.1	345	0.60	<0.05	10.3	0.239	5.0
M359319		26.0	111.5	<0.002	0.04	7.26	9.4	1	2.2	377	0.70	<0.05	11.6	0.249	4.6
M359320		19.7	101.5	<0.002	0.01	2.97	10.2	1	1.6	384	0.66	<0.05	12.9	0.260	4.7
M359321		19.3	103.5	<0.002	0.02	21.8	9.1	1	1.6	334	0.72	<0.05	14.5	0.233	5.4
M359322		19.5	103.0	<0.002	0.02	3.65	9.4	1	1.6	356	0.77	<0.05	13.8	0.243	5.1
M359323		19.3	104.0	<0.002	0.05	2.71	9.8	1	1.6	370	0.80	<0.05	12.2	0.257	4.9
M359324		19.2	101.5	<0.002	0.04	1.40	9.7	1	1.6	371	0.77	<0.05	11.6	0.254	4.7
M359325		20.6	102.5	<0.002	0.03	5.44	10.2	1	1.7	360	0.74	<0.05	12.1	0.272	5.0
M359326		1320	152.0	0.002	3.09	35.6	8.6	2	6.3	144.5	0.61	0.30	11.2	0.207	5.0
M359327		19.1	121.5	<0.002	0.04	12.05	9.9	1	1.6	308	0.58	<0.05	10.9	0.254	3.5
M359328		17.7	103.0	<0.002	0.01	5.09	9.9	1	1.7	371	0.69	<0.05	11.9	0.257	3.9
M359329		2850	162.0	0.002	4.82	97.3	7.9	2	8.5	91.9	0.47	0.39	10.6	0.181	5.2
M359330		28.1	132.5	<0.002	0.18	11.00	9.3	1	1.6	279	0.70	<0.05	12.7	0.242	5.4
M359331		27.4	137.0	<0.002	0.49	14.90	9.2	1	1.7	255	0.82	<0.05	12.6	0.242	4.7
M359332		102.5	117.5	<0.002	2.10	64.1	8.4	1	2.4	161.5	0.72	<0.05	11.6	0.211	5.8
M359333		38.1	120.0	<0.002	0.50	40.6	9.1	1	1.8	163.5	0.75	<0.05	11.3	0.237	4.8
M359334		57.6	122.0	<0.002	1.32	42.2	9.6	1	1.9	186.5	0.70	<0.05	11.2	0.246	5.4
M359335		29.0	112.5	<0.002	0.42	11.00	10.0	1	1.6	346	0.75	<0.05	12.3	0.261	4.8
M359336		1.1	1.3	<0.002	<0.01	0.09	0.2	1	<0.2	39.1	<0.05	<0.05	<0.2	<0.005	0.4
M359337		23.7	108.0	<0.002	0.04	2.35	10.8	1	1.7	367	0.84	<0.05	12.9	0.257	5.2
M359338		20.4	95.9	<0.002	0.01	1.75	10.4	1	1.6	367	0.75	<0.05	12.3	0.258	4.7
M359339		29.0	94.0	<0.002	0.04	8.39	10.2	1	1.6	335	0.84	<0.05	11.4	0.264	5.1
M359340		22.6	97.5	<0.002	0.01	1.66	11.7	1	1.6	410	0.81	<0.05	13.0	0.261	4.8
M359341		20.0	103.5	<0.002	0.01	2.91	10.2	1	1.5	346	0.76	<0.05	14.4	0.235	5.6



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Project: KLAZA-119

**CERTIFICATE OF ANALYSIS WH12203758**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359306		68	0.5	14.7	57	27.3	<1
M359307		70	1.6	12.7	51	28.6	<1
M359308		70	1.5	12.2	56	27.0	<1
M359309		68	3.3	12.7	65	24.7	<1
M359310		66	1.6	11.3	57	28.2	<1
M359311		65	0.9	13.4	57	34.3	<1
M359312		66	1.2	16.2	71	41.3	<1
M359313		61	1.6	13.7	64	41.7	<1
M359314		3	0.1	0.9	16	<0.5	<1
M359315		69	1.6	15.6	75	36.9	1
M359316		71	1.7	15.3	76	33.4	<1
M359317		68	1.9	13.2	77	31.1	<1
M359318		67	2.0	12.6	72	30.9	<1
M359319		68	1.6	14.7	65	35.5	<1
M359320		70	0.8	15.8	53	36.5	<1
M359321		63	0.8	14.4	49	42.1	<1
M359322		65	1.7	15.2	52	42.1	<1
M359323		69	3.8	16.0	53	38.4	<1
M359324		67	3.5	15.9	52	36.2	<1
M359325		73	12.7	16.1	62	35.0	<1
M359326		57	5.2	11.3	2880	37.2	10
M359327		69	5.7	14.5	58	33.2	<1
M359328		68	1.8	15.0	52	32.1	<1
M359329		58	5.1	10.1	5290	26.1	26
M359330		65	2.7	14.3	71	39.9	<1
M359331		64	1.9	14.0	70	45.1	<1
M359332		56	3.9	10.8	493	38.7	2
M359333		66	2.7	13.3	105	40.2	<1
M359334		69	4.7	11.7	255	40.3	1
M359335		71	2.3	15.6	117	37.2	<1
M359336		2	0.1	0.7	12	<0.5	<1
M359337		70	1.9	16.8	63	40.3	<1
M359338		70	1.0	16.3	60	37.8	<1
M359339		73	1.2	16.0	100	40.1	<1
M359340		80	1.2	18.3	69	42.8	<1
M359341		70	1.0	15.6	55	42.9	<1



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**CERTIFICATE OF ANALYSIS WH12203758**

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





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**CERTIFICATE WH12203759**

Project: Klaza-119

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12203759**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359342		2.56	<0.005	0.12	7.42	6.3	2090	1.50	0.08	2.71	0.12	53.1	8.0	11	7.80	8.1
M359343		3.43	<0.005	0.11	7.14	7.8	2170	1.52	0.08	2.54	0.13	56.5	7.3	11	4.79	6.6
M359344		5.86	<0.005	0.14	7.25	4.6	2210	1.73	0.08	2.62	0.10	50.7	8.0	13	7.28	9.1
M359345		2.58	<0.005	0.12	7.40	7.7	2090	1.88	0.07	2.82	0.08	52.4	7.8	12	9.38	6.1
M359346		2.93	<0.005	0.11	7.02	3.3	2130	1.86	0.07	2.67	0.08	44.0	7.8	13	8.74	7.2
M359347		2.83	<0.005	0.12	7.18	5.2	2030	1.74	0.09	2.92	0.08	50.3	7.5	11	8.36	6.1
M359348		6.93	<0.005	0.11	7.32	2.5	2160	1.82	0.09	2.82	0.09	51.6	7.9	15	5.28	5.7
M359349		2.83	<0.005	0.13	6.97	7.3	2120	1.88	0.07	2.71	0.08	44.1	7.7	11	5.91	5.3
M359350		<0.02	<0.005	0.12	6.92	6.7	2100	1.91	0.07	2.71	0.07	46.0	7.8	11	5.93	5.8
M359351		5.18	<0.005	0.11	6.96	3.4	2060	1.79	0.08	2.50	0.07	47.9	7.2	11	5.22	5.2
M359352		0.25	0.820	11.20	6.83	1880	1360	1.77	5.99	2.05	43.0	50.5	19.0	20	17.35	115.5
M359353		7.70	<0.005	0.12	7.03	4.7	2230	1.89	0.07	2.79	0.10	45.7	8.3	13	8.65	5.9
M359354		4.32	<0.005	0.09	6.42	4.5	1050	1.72	0.07	3.96	0.10	46.6	7.9	9	15.75	4.6
M359355		4.22	<0.005	0.10	6.54	3.6	1000	1.70	0.08	3.56	0.09	49.1	7.5	10	14.85	3.9
M359356		3.23	<0.005	0.01	0.07	<5	20	0.06	0.01	21.8	0.07	1.25	1.4	<1	0.23	1.8
M359357		2.13	<0.005	0.16	7.28	3.3	2050	1.83	0.16	2.79	0.11	51.7	8.0	10	9.48	8.4
M359358		3.92	<0.005	0.14	6.73	2.8	2020	1.68	0.10	2.72	0.10	46.8	8.0	11	11.50	6.3
M359359		4.73	<0.005	0.13	6.87	2.9	2140	1.78	0.08	2.59	0.08	46.0	8.0	13	9.00	5.9
M359360		5.70	<0.005	0.11	7.02	3.0	2170	1.75	0.08	2.53	0.10	50.4	7.8	10	9.01	5.4
M359361		3.36	<0.005	0.11	6.97	5.0	2120	1.68	0.07	2.56	0.08	42.9	7.9	12	8.00	5.7
M359362		1.47	<0.005	0.12	7.17	5.4	2120	1.78	0.09	2.55	0.08	49.4	8.9	10	8.41	6.3
M359363		3.30	<0.005	0.12	7.30	4.1	2150	1.66	0.09	2.62	0.11	49.3	8.2	11	8.31	5.9
M359364		6.04	<0.005	0.12	6.76	7.4	1420	2.91	0.22	1.85	0.07	47.3	5.0	11	9.18	3.3
M359365		4.20	<0.005	0.11	7.06	4.2	2070	1.83	0.09	2.65	0.10	48.5	7.8	13	8.74	6.2
M359366		7.03	<0.005	0.12	7.33	3.8	2330	1.74	0.08	2.79	0.08	51.2	8.2	11	7.46	5.1
M359367		3.11	<0.005	0.15	6.97	5.8	1640	1.86	0.09	2.88	0.11	50.5	7.8	11	8.08	4.8
M359368		2.98	<0.005	0.16	7.40	7.3	2400	1.80	0.06	2.69	0.12	53.8	9.2	12	7.06	8.1
M359369		5.97	<0.005	0.10	6.91	3.9	2080	1.70	0.07	2.67	0.08	49.1	8.0	11	5.69	4.8
M359370		4.52	<0.005	0.10	7.23	6.3	2370	1.75	0.05	2.78	0.09	48.8	8.4	12	5.93	5.7
M359371		3.71	<0.005	0.01	0.09	<5	30	0.06	0.02	20.9	0.06	1.68	1.4	<1	0.41	2.4
M359372		3.81	<0.005	0.09	6.77	3.6	1190	1.33	0.07	3.34	0.08	47.2	7.6	9	7.58	4.4
M359373		3.48	<0.005	0.14	6.98	5.1	2240	1.62	0.09	2.80	0.10	44.4	8.3	11	6.34	5.0
M359374		0.25	0.802	9.61	6.50	1790	1440	1.59	5.67	1.94	41.0	50.3	16.9	19	16.80	106.5
M359375		5.78	<0.005	0.12	6.84	6.5	2180	1.65	0.09	2.67	0.12	43.7	8.0	11	5.91	8.7
M359376		6.19	<0.005	0.09	7.25	4.6	2430	1.70	0.06	2.79	0.09	50.1	7.9	12	5.51	4.9
M359377		4.52	<0.005	0.10	7.34	5.7	2270	1.80	0.06	2.87	0.09	55.3	8.4	11	3.83	5.5



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**CERTIFICATE OF ANALYSIS WH12203759**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359342		3.07	15.80	0.14	1.2	0.033	2.63	25.3	21.4	0.88	815	0.89	2.28	7.6	2.6	660
M359343		2.78	15.45	0.15	1.2	0.030	2.46	28.6	21.5	0.82	680	0.58	2.42	7.5	2.5	610
M359344		2.90	16.90	0.17	1.6	0.035	2.74	25.0	24.3	0.84	698	1.23	2.45	8.5	3.0	590
M359345		2.80	16.85	0.20	1.7	0.033	2.84	26.6	18.8	0.71	671	0.71	2.25	8.9	2.5	580
M359346		2.91	16.45	0.18	1.7	0.034	2.80	21.5	24.2	0.81	672	0.62	2.35	8.8	2.4	580
M359347		2.79	16.85	0.19	1.9	0.035	2.90	25.2	21.0	0.77	791	0.62	2.12	8.5	2.4	570
M359348		2.88	16.80	0.20	1.8	0.032	2.79	25.4	24.7	0.79	684	0.71	2.42	8.9	2.6	590
M359349		2.81	16.65	0.19	1.9	0.031	2.78	21.4	21.2	0.76	703	0.63	2.30	8.4	2.3	560
M359350		2.78	16.80	0.19	1.9	0.032	2.79	22.1	21.3	0.76	700	0.66	2.30	8.6	2.5	560
M359351		2.63	15.55	0.19	1.6	0.028	2.62	24.5	18.1	0.74	609	0.69	2.30	7.5	2.2	530
M359352		5.61	16.15	0.21	1.5	0.965	2.98	26.5	27.1	0.74	2060	12.95	0.27	8.1	17.4	520
M359353		3.00	16.60	0.18	1.5	0.033	2.78	22.0	18.6	0.81	730	0.97	2.33	8.8	2.6	600
M359354		2.91	15.05	0.19	1.4	0.033	2.46	23.4	14.8	0.99	952	0.59	1.50	7.5	2.1	550
M359355		2.75	14.70	0.20	1.4	0.031	2.44	24.7	16.6	0.78	925	0.65	1.77	7.9	2.0	560
M359356		0.50	0.42	0.11	<0.1	<0.005	0.03	0.6	1.2	13.60	217	0.09	0.01	0.3	<0.2	150
M359357		3.13	16.95	0.17	1.9	0.036	2.66	24.8	13.7	0.84	760	2.85	2.39	9.5	2.7	620
M359358		2.82	16.30	0.19	1.7	0.033	2.61	23.0	16.1	0.73	656	42.6	2.11	8.0	2.8	570
M359359		2.89	16.10	0.20	1.5	0.031	2.61	22.7	23.3	0.78	658	4.57	2.23	8.0	2.6	580
M359360		2.90	16.15	0.18	1.5	0.033	2.57	25.8	29.6	0.76	618	1.03	2.16	8.4	2.5	590
M359361		2.93	16.15	0.18	1.5	0.032	2.54	21.0	31.7	0.78	663	1.28	2.47	8.1	2.4	590
M359362		3.12	16.55	0.20	1.5	0.037	2.54	24.0	33.1	0.88	738	1.16	2.54	9.0	2.6	670
M359363		3.04	16.50	0.21	1.5	0.033	2.62	25.0	37.7	0.81	711	1.18	2.16	8.2	2.5	610
M359364		2.01	15.30	0.18	2.6	0.021	3.12	23.5	21.3	0.51	541	3.27	2.52	10.5	1.7	360
M359365		2.85	16.30	0.19	1.6	0.032	2.64	24.0	26.0	0.79	692	1.40	2.36	8.4	2.4	560
M359366		3.06	16.85	0.18	1.4	0.035	2.63	25.3	31.7	0.89	720	1.45	2.38	8.7	2.5	600
M359367		2.90	16.50	0.20	1.6	0.035	2.49	25.3	17.7	0.77	775	1.95	2.29	8.7	2.5	560
M359368		3.22	16.95	0.21	1.6	0.041	2.63	26.4	21.0	0.98	781	3.46	2.47	8.5	2.6	630
M359369		2.89	15.90	0.20	1.4	0.032	2.46	24.3	21.5	0.82	690	2.42	2.23	8.0	2.3	560
M359370		3.11	16.45	0.20	1.5	0.038	2.52	24.0	23.7	0.88	730	1.13	2.37	8.3	2.4	600
M359371		0.50	0.41	0.09	<0.1	<0.005	0.04	0.8	1.3	12.90	219	0.13	0.01	0.4	<0.2	190
M359372		2.96	16.05	0.15	1.5	0.034	2.20	23.4	16.8	0.84	784	2.23	2.39	7.9	2.0	570
M359373		3.00	17.10	0.20	1.5	0.037	2.62	20.7	22.8	0.81	720	1.21	2.40	8.7	2.2	580
M359374		5.33	14.70	0.18	1.4	0.934	2.85	26.5	28.8	0.70	1950	12.45	0.26	7.9	15.5	490
M359375		2.95	16.40	0.20	1.4	0.035	2.48	20.9	23.3	0.81	714	0.94	2.42	8.3	2.3	580
M359376		3.06	16.10	0.18	1.6	0.031	2.58	24.6	27.9	0.83	694	1.13	2.38	8.3	2.3	580
M359377		3.05	16.65	0.20	1.5	0.035	2.49	28.0	23.2	0.85	717	0.90	2.37	8.2	2.4	590



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**CERTIFICATE OF ANALYSIS WH12203759**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M359342		18.0	93.5	<0.002	0.01	6.24	11.6	1	1.6	398	0.62	<0.05	12.5	0.286	5.1
M359343		17.5	88.9	<0.002	0.01	1.05	10.5	<1	1.4	438	0.62	<0.05	13.8	0.257	4.2
M359344		21.2	113.5	<0.002	0.02	1.51	11.1	1	1.4	421	0.71	<0.05	14.4	0.261	4.4
M359345		20.9	122.0	<0.002	0.02	8.84	11.2	1	1.4	369	0.80	<0.05	16.7	0.259	6.2
M359346		20.4	106.5	<0.002	0.01	1.34	10.7	1	1.5	399	0.78	<0.05	13.9	0.255	5.4
M359347		20.1	122.0	<0.002	0.02	8.61	10.7	2	1.4	367	0.78	<0.05	16.3	0.252	6.0
M359348		21.5	115.5	<0.002	0.01	1.37	11.1	2	1.5	396	0.83	<0.05	16.0	0.259	5.7
M359349		19.9	103.0	<0.002	0.03	1.78	10.5	1	1.4	386	0.80	<0.05	13.0	0.251	5.4
M359350		20.1	108.5	<0.002	0.03	1.77	10.4	2	1.4	381	0.79	<0.05	13.6	0.249	5.1
M359351		19.6	103.5	<0.002	<0.01	0.87	10.4	1	1.2	388	0.74	<0.05	16.3	0.233	6.4
M359352		1445	178.5	<0.002	3.34	35.2	10.6	2	6.1	155.0	0.67	0.33	14.0	0.218	5.6
M359353		21.0	105.5	<0.002	0.02	2.89	11.2	1	1.4	396	0.83	<0.05	13.8	0.266	5.2
M359354		17.1	109.0	<0.002	0.01	9.51	10.6	2	1.3	286	0.63	<0.05	13.3	0.241	3.0
M359355		15.0	117.5	<0.002	0.01	7.81	11.1	2	1.4	273	0.67	<0.05	13.9	0.250	2.6
M359356		1.2	1.9	<0.002	<0.01	<0.05	0.3	2	<0.2	43.9	<0.05	<0.05	<0.2	<0.005	1.0
M359357		24.5	117.5	<0.002	<0.01	2.25	11.8	1	1.6	376	0.92	<0.05	16.1	0.272	4.8
M359358		23.1	103.0	0.010	0.01	2.73	11.2	1	1.4	375	0.69	<0.05	14.3	0.263	3.8
M359359		19.7	101.0	<0.002	0.01	1.74	11.2	1	1.4	387	0.68	<0.05	14.3	0.258	4.4
M359360		19.2	103.0	<0.002	<0.01	2.84	11.3	1	1.5	382	0.68	<0.05	14.2	0.259	4.0
M359361		18.3	96.3	<0.002	0.01	2.93	10.7	1	1.4	390	0.64	<0.05	12.4	0.259	3.9
M359362		18.3	106.0	<0.002	0.02	3.06	12.0	2	1.6	395	0.73	<0.05	13.5	0.278	4.1
M359363		20.7	110.0	<0.002	0.01	2.46	11.8	2	1.4	391	0.70	<0.05	14.4	0.267	4.7
M359364		27.9	206	<0.002	<0.01	2.74	7.6	1	1.6	257	1.65	<0.05	24.9	0.167	8.7
M359365		20.8	114.0	<0.002	<0.01	7.42	11.1	2	1.5	369	0.80	<0.05	15.1	0.256	5.1
M359366		19.0	108.0	<0.002	<0.01	1.28	11.6	2	1.6	429	0.71	<0.05	13.8	0.271	4.0
M359367		21.3	116.5	<0.002	<0.01	2.60	11.3	2	1.6	309	0.83	<0.05	14.4	0.247	4.4
M359368		23.6	113.0	<0.002	0.01	2.00	13.1	2	1.6	440	0.71	<0.05	14.0	0.285	4.4
M359369		19.5	99.8	<0.002	0.01	1.43	11.4	1	1.5	386	0.67	<0.05	13.5	0.256	4.0
M359370		21.1	94.0	<0.002	0.01	1.18	12.2	1	1.6	430	0.71	<0.05	13.5	0.273	4.1
M359371		1.5	2.5	<0.002	<0.01	<0.05	0.3	2	<0.2	47.8	<0.05	<0.05	0.2	<0.005	0.8
M359372		16.8	101.0	<0.002	0.01	2.33	10.9	1	1.5	221	0.67	<0.05	12.1	0.259	2.9
M359373		22.9	97.3	<0.002	0.01	1.48	11.2	1	1.6	426	0.72	<0.05	11.9	0.268	3.9
M359374		1365	167.5	<0.002	3.16	33.3	9.5	2	5.8	148.0	0.67	0.31	12.9	0.208	5.1
M359375		20.2	92.7	<0.002	0.01	1.98	10.9	2	1.5	416	0.72	<0.05	11.7	0.261	3.8
M359376		21.2	101.5	<0.002	0.01	1.40	11.6	2	1.5	404	0.69	<0.05	14.1	0.262	4.4
M359377		21.1	99.0	<0.002	0.01	1.37	12.4	2	1.5	409	0.74	<0.05	14.1	0.265	4.7



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**CERTIFICATE OF ANALYSIS WH12203759**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359342		85	0.6	16.4	65	31.9	<1
M359343		72	0.4	16.3	55	29.7	1
M359344		71	0.4	16.6	56	45.4	<1
M359345		70	0.5	16.1	55	43.8	1
M359346		71	0.4	15.4	54	47.8	<1
M359347		69	0.5	15.9	55	55.3	<1
M359348		70	0.5	16.4	55	48.5	<1
M359349		67	0.6	15.0	53	53.0	1
M359350		67	0.6	15.7	52	54.3	<1
M359351		63	0.6	15.1	50	41.8	1
M359352		62	5.7	12.3	3160	40.6	10
M359353		73	0.7	15.3	61	41.0	<1
M359354		65	1.3	14.5	53	37.9	<1
M359355		66	1.8	12.7	52	37.8	<1
M359356		2	0.1	0.8	13	<0.5	<1
M359357		78	2.7	18.0	63	49.6	<1
M359358		71	1.8	14.7	59	43.6	<1
M359359		71	0.9	15.0	55	40.1	<1
M359360		70	2.4	15.9	54	39.2	<1
M359361		70	2.6	14.4	55	41.4	<1
M359362		76	2.9	16.6	60	41.1	<1
M359363		73	2.5	16.4	60	41.8	<1
M359364		43	3.0	17.4	39	55.4	<1
M359365		67	1.7	16.0	57	40.0	1
M359366		74	1.2	17.0	57	38.6	1
M359367		68	1.5	16.4	63	39.5	<1
M359368		83	3.2	17.3	67	39.7	<1
M359369		68	0.8	15.8	58	35.9	<1
M359370		73	1.1	16.4	60	36.4	<1
M359371		2	0.1	0.9	17	<0.5	<1
M359372		69	1.7	14.2	67	37.7	<1
M359373		72	0.8	15.8	61	39.4	<1
M359374		57	5.5	11.8	2990	39.7	10
M359375		73	1.1	15.3	65	34.0	<1
M359376		72	1.0	16.2	59	41.4	<1
M359377		73	1.1	17.3	61	36.4	1



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**CERTIFICATE OF ANALYSIS WH12203759**

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



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**CERTIFICATE WH12203770**

Project: Klaza-120

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12203770**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357001		4.72	0.024	0.21	7.43	79.7	1220	1.44	0.53	2.34	0.88	41.7	9.0	13	8.27	12.7
M357002		2.13	<0.005	0.12	7.64	115.5	1230	1.40	0.19	2.16	1.08	40.5	10.6	14	8.99	12.6
M357003		6.40	<0.005	0.11	7.18	52.1	1140	1.37	0.11	2.80	0.49	39.8	8.9	14	10.20	11.1
M357004		5.53	<0.005	0.13	6.65	21.3	630	1.19	1.36	3.94	0.31	39.1	9.0	12	14.55	16.5
M357005		5.72	<0.005	0.12	6.91	7.3	1150	1.27	0.35	3.04	0.10	41.0	8.0	13	8.55	19.3
M357006		6.09	0.007	0.37	7.00	58.5	1110	1.34	0.19	3.30	3.43	38.2	8.8	11	8.92	15.5
M357007		0.22	0.825	9.28	6.53	1450	1270	1.59	6.29	1.94	40.6	46.7	16.4	19	17.15	109.0
M357008		5.59	<0.005	0.61	7.27	16.3	1180	1.33	0.30	3.17	1.87	42.3	10.3	13	8.35	48.9
M357009		2.56	<0.005	0.12	7.22	5.9	1280	1.30	0.10	3.11	0.10	41.3	9.2	13	6.14	11.6
M357010		3.89	<0.005	0.37	6.94	52.0	870	1.42	1.04	1.91	0.57	44.2	6.4	8	32.8	74.7
M357011		2.68	<0.005	0.38	6.17	43.2	3060	1.19	1.13	3.06	0.62	44.3	5.3	7	21.2	78.4
M357012		2.86	<0.005	0.01	0.14	<5	30	0.08	0.03	20.4	0.06	1.42	1.6	<1	0.77	5.6
M357013		5.96	<0.005	0.25	6.40	14.4	1330	1.20	0.57	2.62	0.52	37.8	6.0	9	13.20	37.7
M357014		2.67	0.005	0.74	5.98	22.6	970	1.03	0.75	2.22	7.11	42.8	5.4	8	16.55	72.9
M357015		3.50	<0.005	0.16	6.80	11.6	1040	1.22	0.21	1.76	0.92	42.0	8.3	9	14.25	12.8
M357016		3.15	<0.005	0.13	6.09	13.8	1150	1.28	0.25	3.22	0.73	36.1	6.8	8	17.15	12.5
M357017		1.54	<0.005	0.14	6.26	12.0	1100	1.22	0.23	3.03	0.79	40.9	6.9	7	15.95	10.8
M357018		4.76	<0.005	0.23	6.30	59.6	980	1.27	0.40	2.81	0.75	39.8	6.3	9	16.20	14.7
M357019		5.37	<0.005	0.22	6.42	28.5	1130	1.48	0.28	2.86	0.57	40.3	7.2	9	19.15	18.1
M357020		4.95	<0.005	0.22	6.95	19.7	1180	1.58	0.51	2.59	2.25	41.1	7.2	11	15.50	17.8
M357021		6.19	<0.005	0.26	6.87	21.8	1310	1.48	0.55	2.56	2.23	43.0	7.3	8	19.55	20.0
M357022		5.04	<0.005	0.18	7.11	2.9	1220	1.52	0.42	2.80	0.23	45.4	7.5	11	11.75	28.3
M357023		2.62	0.022	0.45	6.85	66.3	910	1.39	0.60	3.07	1.00	45.3	9.2	11	15.10	45.1
M357024		0.22	2.30	24.9	5.65	3350	1270	1.36	18.65	2.30	79.4	46.0	10.7	19	15.20	445
M357025		5.38	<0.005	0.21	7.08	5.9	1170	1.42	0.16	3.26	0.23	43.3	8.8	14	8.19	49.4
M357026		3.68	<0.005	0.16	6.91	3.5	1200	1.51	0.35	3.13	0.50	42.8	7.8	13	8.14	18.1
M357027		3.90	0.031	2.61	6.60	342	720	1.42	3.17	2.80	2.65	47.1	7.6	10	20.0	81.6
M357028		4.72	0.007	0.46	6.92	27.5	1250	1.51	0.99	3.22	0.26	38.8	7.8	12	20.3	111.5
M357029		<0.02	0.007	0.51	7.22	29.1	1320	1.42	1.13	3.39	0.25	40.8	8.1	12	21.2	113.5
M357030		2.97	<0.005	0.94	7.21	71.4	870	1.40	2.47	3.06	0.44	40.0	8.1	11	23.2	164.5
M357031		3.25	<0.005	0.41	7.06	3.5	1240	1.43	5.14	3.34	6.70	35.5	8.6	13	11.55	46.3
M357032		2.07	2.54	45.6	5.71	8220	200	1.22	10.35	2.29	333	33.8	6.5	8	18.85	418
M357033		3.18	<0.005	0.04	0.06	12	20	<0.05	0.03	21.9	0.37	0.98	1.4	<1	0.25	3.3
M357034		2.06	0.089	0.87	6.76	136.0	850	1.57	1.83	2.97	1.55	40.7	7.8	10	23.5	65.3
M357035		4.94	<0.005	0.37	6.91	10.5	1250	1.63	0.73	3.10	1.01	44.8	7.9	12	13.80	40.3
M357036		2.26	<0.005	0.41	6.41	9.6	1230	1.44	0.53	2.58	0.21	38.6	7.6	9	11.20	53.0





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Account: ROCKHA

Project: Klaza-120

**CERTIFICATE OF ANALYSIS WH12203770**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357001		3.15	16.45	0.13	0.8	0.028	2.14	21.4	15.4	0.88	875	3.11	2.18	9.0	4.8	540
M357002		3.22	17.15	0.13	0.7	0.031	2.09	20.7	18.7	0.87	1000	3.85	2.21	9.2	5.1	590
M357003		3.18	16.05	0.13	0.7	0.034	2.03	20.4	21.0	1.06	671	4.04	2.00	8.6	5.3	550
M357004		2.92	15.95	0.13	0.6	0.061	2.08	20.8	11.4	0.93	1140	30.4	1.59	7.7	4.2	470
M357005		2.95	16.15	0.12	0.7	0.039	2.12	20.3	15.1	0.95	696	34.1	2.10	8.3	4.3	520
M357006		3.24	16.20	0.12	0.6	0.044	2.16	19.1	15.7	1.03	828	17.90	1.64	8.2	4.7	540
M357007		5.27	15.40	0.16	1.4	0.929	2.87	24.4	27.6	0.71	2040	12.60	0.26	7.9	15.7	490
M357008		3.49	16.45	0.11	0.6	0.038	2.18	20.7	14.1	1.00	744	12.50	1.98	8.5	5.3	540
M357009		3.01	16.30	0.12	0.6	0.030	2.10	20.6	13.7	1.00	653	12.45	2.24	8.3	4.5	510
M357010		2.10	15.55	0.10	1.1	0.098	2.43	23.0	36.7	0.39	683	32.2	0.31	8.5	3.1	420
M357011		2.31	13.40	0.11	0.9	0.115	2.45	25.1	41.6	0.67	819	135.5	0.09	7.4	2.8	360
M357012		0.49	0.51	0.07	<0.1	<0.005	0.06	0.7	1.7	12.55	213	0.45	0.01	0.4	3.6	180
M357013		2.20	15.40	0.10	1.1	0.075	2.45	19.4	14.0	0.46	824	28.9	1.26	8.3	2.9	380
M357014		2.14	13.40	0.13	1.0	0.088	2.78	22.6	14.7	0.38	1140	178.5	0.63	7.5	2.7	340
M357015		2.16	15.70	0.10	1.0	0.039	2.62	21.7	17.2	0.29	660	16.05	0.81	9.0	3.1	400
M357016		2.28	14.90	0.10	1.0	0.043	2.39	18.2	24.4	0.39	600	3.45	1.17	8.3	3.3	370
M357017		2.20	15.00	0.10	0.9	0.045	2.35	20.9	27.4	0.40	608	3.67	1.17	8.4	3.1	380
M357018		2.28	14.65	0.11	0.9	0.049	2.47	20.7	20.3	0.52	756	2.86	1.06	8.4	3.0	370
M357019		2.22	14.55	0.12	1.0	0.031	2.51	21.0	14.9	0.55	913	3.31	0.91	8.6	3.2	370
M357020		2.56	15.65	0.10	1.0	0.079	2.72	21.4	13.6	0.39	809	4.72	1.82	9.8	3.3	410
M357021		2.52	14.90	0.10	1.0	0.090	2.60	22.5	30.7	0.70	756	2.12	0.80	8.9	3.3	410
M357022		2.52	15.60	0.10	1.0	0.030	2.57	24.1	9.3	0.72	508	1.16	2.26	9.1	3.4	410
M357023		3.63	14.60	0.12	0.7	0.104	2.71	25.2	16.7	0.94	1540	1.47	0.90	7.5	3.6	410
M357024		6.58	14.15	0.15	1.0	1.740	2.75	25.6	24.0	0.93	1920	13.75	0.04	6.2	15.1	430
M357025		3.08	16.15	0.10	0.8	0.030	2.24	21.8	11.0	0.95	724	1.15	2.29	8.7	4.3	510
M357026		2.98	16.25	0.11	0.8	0.045	2.17	21.4	13.7	0.92	766	1.60	2.22	8.5	4.2	490
M357027		2.76	15.05	0.10	0.8	0.050	2.76	24.9	20.2	0.74	2420	9.51	0.52	8.0	3.6	470
M357028		3.06	15.85	0.10	0.8	0.057	2.18	18.4	28.0	0.85	936	2.67	1.38	8.3	4.0	500
M357029		3.15	16.30	0.10	0.8	0.059	2.23	19.5	28.8	0.89	992	3.96	1.40	8.7	4.0	540
M357030		3.11	15.45	0.11	0.8	0.087	2.39	20.3	39.0	1.01	1400	0.83	0.66	7.9	3.8	500
M357031		3.20	16.15	0.11	0.8	0.195	2.15	16.3	8.9	1.00	971	0.96	2.14	9.0	4.2	530
M357032		5.91	12.10	0.12	0.7	3.96	2.35	17.2	28.4	0.87	1810	5.81	0.06	6.8	3.0	360
M357033		0.52	0.22	<0.05	<0.1	0.007	0.03	0.5	1.2	13.15	225	0.20	0.01	0.3	1.8	170
M357034		2.72	16.40	0.10	0.9	0.076	2.43	20.8	57.1	0.93	1230	1.46	0.55	8.6	3.6	450
M357035		2.67	16.25	0.10	1.0	0.080	2.52	23.7	14.4	0.82	967	1.54	1.83	8.8	3.6	420
M357036		2.27	15.10	0.09	1.0	0.027	2.58	18.8	28.4	0.48	705	2.28	0.57	9.0	3.1	400



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Finalized Date: 15-SEP-2012  
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**CERTIFICATE OF ANALYSIS WH12203770**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357001		11.6	80.3	<0.002	0.04	2.61	12.5	1	1.9	355	0.70	0.21	10.1	0.299	0.91	1.9
M357002		10.8	82.1	<0.002	0.01	5.23	13.2	1	1.8	363	0.72	0.06	9.6	0.316	0.79	1.4
M357003		11.8	66.0	<0.002	0.01	2.06	12.6	1	1.6	353	0.69	<0.05	9.0	0.302	0.69	1.2
M357004		11.3	112.0	0.006	0.02	3.17	11.1	1	1.7	200	0.60	0.09	8.4	0.259	1.12	2.1
M357005		12.3	67.7	0.009	0.09	1.83	11.8	1	1.8	353	0.63	<0.05	9.4	0.284	0.72	1.2
M357006		74.7	67.2	0.003	0.14	5.25	12.0	2	1.8	306	0.61	0.06	8.9	0.300	0.87	1.4
M357007		1395	158.0	0.002	3.12	34.5	10.2	2	6.3	150.0	0.61	0.33	11.1	0.215	2.56	5.1
M357008		173.5	75.6	0.002	0.32	2.40	13.1	2	2.1	353	0.66	0.05	8.9	0.309	0.85	1.6
M357009		12.4	67.1	0.002	0.07	0.97	12.0	1	1.4	380	0.63	<0.05	9.2	0.289	0.59	1.8
M357010		42.3	106.5	<0.002	0.05	20.5	9.5	1	2.1	125.0	0.77	0.05	13.7	0.239	1.49	2.7
M357011		26.7	121.0	0.006	0.14	28.6	8.3	1	1.6	107.5	0.67	0.09	11.9	0.202	1.72	2.4
M357012		1.5	3.9	<0.002	<0.01	0.12	0.5	1	<0.2	37.2	<0.05	<0.05	0.2	0.008	0.03	0.8
M357013		20.4	117.0	<0.002	0.04	9.27	8.5	1	1.6	182.0	0.79	<0.05	11.6	0.204	1.39	1.9
M357014		172.5	141.0	0.003	0.09	14.55	7.7	1	1.2	116.5	0.72	0.05	12.6	0.191	1.78	2.0
M357015		15.7	120.5	<0.002	0.01	8.66	9.2	1	1.3	132.5	0.84	<0.05	13.3	0.229	1.41	1.5
M357016		23.8	96.4	<0.002	0.03	6.43	8.4	1	1.4	211	0.75	<0.05	11.2	0.214	1.26	2.0
M357017		23.1	100.5	<0.002	0.03	6.21	8.7	1	1.2	210	0.76	<0.05	11.5	0.214	1.18	2.2
M357018		26.9	114.0	<0.002	0.10	9.28	8.7	1	1.1	184.0	0.74	<0.05	12.2	0.210	1.43	2.7
M357019		28.5	115.0	<0.002	0.13	9.68	8.5	1	1.8	178.0	0.84	<0.05	13.1	0.208	1.61	3.0
M357020		37.7	116.0	<0.002	0.04	4.48	8.7	2	1.3	256	0.94	<0.05	13.7	0.248	1.14	2.3
M357021		35.5	91.3	<0.002	0.12	8.42	8.5	1	1.9	171.0	0.84	<0.05	14.3	0.236	1.17	2.7
M357022		20.6	94.1	<0.002	0.05	1.33	8.8	1	1.5	327	0.84	<0.05	14.6	0.238	0.81	2.5
M357023		52.7	126.5	<0.002	0.68	8.55	8.9	1	1.7	192.0	0.64	<0.05	12.2	0.242	1.50	5.7
M357024		2770	163.5	<0.002	4.73	93.1	8.1	2	8.1	89.1	0.48	0.37	10.8	0.188	2.13	5.4
M357025		19.1	76.5	<0.002	0.20	2.96	10.6	1	1.4	358	0.80	<0.05	12.0	0.284	0.68	3.2
M357026		33.7	71.5	<0.002	0.06	1.21	10.7	1	1.5	355	0.78	<0.05	11.7	0.284	0.65	2.7
M357027		141.0	132.5	<0.002	0.36	22.6	10.1	1	1.4	128.5	0.70	0.66	12.6	0.261	1.75	5.7
M357028		23.2	79.9	<0.002	0.15	13.15	10.4	1	1.4	278	0.76	0.05	10.8	0.284	1.11	3.0
M357029		23.8	86.4	<0.002	0.16	11.25	11.0	1	1.5	285	0.76	0.09	11.2	0.300	1.11	3.2
M357030		37.0	114.0	<0.002	0.19	13.50	10.6	1	1.4	170.5	0.71	0.10	11.8	0.276	1.65	3.2
M357031		28.3	74.5	<0.002	0.04	2.17	10.4	1	1.3	368	0.77	0.20	10.8	0.295	0.81	2.8
M357032		>10000	116.5	<0.002	5.51	71.9	7.3	3	1.4	72.8	0.61	0.11	10.7	0.196	1.81	5.2
M357033		14.2	1.8	<0.002	0.01	0.09	0.5	1	<0.2	38.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M357034		63.1	96.2	<0.002	0.26	21.3	10.2	1	1.3	162.5	0.77	0.07	12.0	0.259	1.49	3.5
M357035		79.1	106.0	<0.002	0.10	9.33	9.4	1	1.9	299	0.79	0.05	13.2	0.246	1.02	3.7
M357036		26.4	93.6	<0.002	0.11	9.23	7.7	1	2.4	147.0	0.83	<0.05	12.8	0.234	0.99	3.3



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**CERTIFICATE OF ANALYSIS WH12203770**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M357001		91	4.0	15.0	130	15.8	<1		
M357002		96	5.1	13.4	238	12.9	<1		
M357003		91	6.3	12.4	82	12.8	<1		
M357004		84	12.9	12.5	82	12.7	<1		
M357005		86	9.7	12.1	59	12.7	<1		
M357006		91	14.0	12.3	390	12.6	<1		
M357007		58	5.3	11.6	3030	39.6	10		
M357008		98	18.5	13.7	230	14.3	1		
M357009		88	15.8	13.6	49	11.5	<1		
M357010		70	20.8	11.4	107	25.9	<1		
M357011		62	15.8	11.0	102	21.2	<1		
M357012		4	0.2	0.8	14	<0.5	<1		
M357013		60	7.6	11.3	99	25.1	<1		
M357014		53	5.6	11.8	510	24.8	<1		
M357015		66	5.6	10.3	171	22.8	<1		
M357016		62	2.3	10.2	67	22.1	<1		
M357017		61	2.5	10.9	68	21.4	<1		
M357018		60	1.9	10.7	76	21.4	<1		
M357019		60	1.9	11.2	74	22.3	<1		
M357020		71	1.7	10.8	139	23.0	<1		
M357021		68	5.0	11.3	129	22.6	<1		
M357022		68	0.7	12.1	46	23.1	<1		
M357023		71	2.9	10.8	138	16.3	<1		
M357024		57	5.2	9.7	5370	25.8	27		
M357025		88	3.1	14.1	56	16.0	<1		
M357026		87	3.3	13.9	75	15.9	<1		
M357027		80	4.0	12.0	208	17.3	2		
M357028		87	2.6	12.3	84	17.8	<1		
M357029		92	2.7	13.1	89	18.1	<1		
M357030		83	3.9	13.2	121	18.3	<1		
M357031		89	1.2	13.5	276	17.8	<1		
M357032		59	4.3	9.8	>10000	14.4	49	1.735	3.45
M357033		3	0.2	0.7	41	<0.5	<1		
M357034		75	3.8	13.0	162	20.0	<1		
M357035		70	2.7	12.8	94	23.5	<1		
M357036		66	5.5	9.5	50	25.8	1		



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Project: Klaza-120

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**CERTIFICATE OF ANALYSIS WH12203770**

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



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**CERTIFICATE WH12203771**

Project: Klaza - 121

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12203771**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N810856		2.85	0.189	1.27	7.47	46.1	1160	1.56	3.98	1.51	1.96	61.3	6.9	8	14.25	80.6
N810857		3.43	0.278	1.74	7.07	134.0	300	1.30	6.06	0.85	6.74	62.8	11.7	9	10.50	194.5
N810858		4.14	0.596	15.20	6.46	170.5	920	1.14	36.1	1.23	27.0	55.9	8.6	7	8.56	136.0
N810859		7.07	0.100	0.87	7.26	51.8	590	1.58	2.43	1.75	6.42	53.3	8.7	11	15.70	80.5
N810860		4.64	0.115	0.54	6.87	27.7	1170	1.49	1.93	2.47	0.74	47.1	5.1	10	15.45	85.2
N810861		2.85	0.109	0.77	7.17	47.2	460	1.35	2.00	1.93	1.78	42.4	10.4	9	13.00	69.1
N810862		4.45	0.081	0.31	7.69	13.9	1760	1.51	0.86	2.38	0.74	50.4	9.9	12	14.05	56.9
N810863		6.11	0.103	0.48	7.81	23.6	2200	1.53	1.02	2.16	0.43	56.5	7.4	11	12.45	70.7
N810864		<0.02	0.142	0.50	7.65	32.2	1930	1.45	1.12	2.16	0.39	57.1	7.5	11	12.15	83.8
N810865		2.67	0.270	2.05	7.17	188.0	460	1.52	3.40	2.54	6.75	51.7	6.8	13	18.55	151.0
N810866		5.85	0.086	0.44	7.76	16.0	2120	1.60	0.73	2.47	1.06	59.1	7.5	10	13.90	47.4
N810867		0.22	2.24	27.1	6.43	3610	1770	1.32	20.2	2.21	80.1	50.0	11.3	20	15.90	482
N810868		3.39	0.108	0.84	7.65	73.8	960	1.52	1.45	2.05	8.17	54.0	7.5	11	16.90	97.8
N810869		3.79	0.069	0.52	6.90	36.9	1060	1.80	1.14	2.77	0.75	48.7	11.4	10	18.15	44.0
N810870		1.92	0.071	0.48	7.09	36.4	1120	1.52	1.10	2.84	0.75	48.4	10.3	9	17.10	33.1
N810871		2.85	0.538	7.96	5.51	279	410	1.17	21.7	0.80	3.61	42.8	12.3	12	12.90	485
N810872		1.40	<0.005	0.16	7.24	21.5	1570	1.76	0.33	2.11	0.13	58.7	6.0	30	53.7	75.0
N810873		3.10	0.309	3.78	7.61	339	950	1.51	9.79	2.02	0.68	62.1	5.9	8	16.70	686
N810874		2.95	<0.005	0.01	0.06	<5	30	<0.05	0.03	18.55	0.07	1.24	1.3	<1	0.17	2.7
N810875		3.36	1.285	5.02	7.46	312	1180	1.16	12.20	1.63	2.28	50.1	10.2	8	16.95	923
N810876		6.38	0.058	0.44	7.86	65.6	2070	1.26	0.85	1.41	0.40	54.0	7.2	10	18.40	33.7
N810877		6.67	0.429	1.71	7.93	627	1880	1.33	3.84	1.05	3.12	57.6	7.8	10	16.30	115.5
N810878		3.56	0.711	25.1	6.52	524	850	1.21	98.4	1.11	8.98	48.5	13.6	10	15.35	1355
N810879		3.21	<0.005	0.07	0.08	<5	30	0.06	0.19	19.00	0.08	1.46	1.2	<1	0.23	5.1
N810880		3.53	0.089	2.42	6.66	69.2	790	1.33	5.93	2.60	3.69	44.6	12.3	7	13.50	87.6
N810881		8.40	0.165	0.80	7.32	31.8	2130	1.33	2.49	2.04	2.18	46.4	8.6	11	12.00	56.0
N810882		3.09	0.061	1.15	6.85	66.9	1900	1.37	2.29	3.71	1.47	50.0	10.8	9	15.60	47.0
N810883		2.24	0.010	0.37	8.04	15.1	2540	1.42	0.69	2.28	0.84	49.5	7.1	10	12.20	4.9
N810884		2.88	0.049	1.12	7.43	42.2	1570	1.52	1.27	2.29	5.44	55.1	10.9	10	13.65	15.8
N810885		3.00	0.157	0.73	7.24	24.8	1790	1.60	1.03	2.42	3.88	49.6	8.9	9	12.85	34.0
N810886		4.29	0.042	0.66	7.05	20.8	1950	1.50	1.01	2.10	2.90	52.5	5.9	10	12.20	62.0
N810887		0.22	2.30	26.0	5.93	3480	1620	1.24	19.40	2.11	76.9	47.3	10.8	19	15.15	455
N810888		4.29	0.041	2.00	8.08	39.3	2020	1.66	3.50	1.58	2.80	59.4	6.3	10	14.15	115.0
N810889		3.62	0.256	4.91	8.11	364	1110	1.52	12.45	1.03	7.80	65.1	5.3	10	16.85	351
N810890		3.98	0.112	1.95	7.49	66.1	1660	1.60	5.27	1.61	3.05	53.0	13.6	9	15.05	196.0
N810891		2.42	0.575	6.59	6.93	290	120	1.39	12.55	1.34	2.02	49.1	9.0	9	13.90	618



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Project: Klaza - 121

**CERTIFICATE OF ANALYSIS WH12203771**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810856		3.99	16.45	0.17	1.3	0.365	2.95	31.7	13.4	0.74	830	0.76	0.25	5.5	2.8	570
N810857		4.91	17.50	0.21	1.2	0.236	3.25	30.5	8.1	0.59	764	1.73	0.07	4.3	3.4	550
N810858		6.76	15.45	0.24	1.0	0.285	2.89	27.3	9.7	0.74	1130	16.15	0.05	3.6	3.0	500
N810859		3.25	16.60	0.17	1.1	0.167	2.58	25.1	9.3	0.69	687	1.58	0.76	5.1	2.6	560
N810860		2.84	15.50	0.14	1.2	0.106	2.19	21.6	9.2	0.58	368	1.48	1.21	5.8	2.4	550
N810861		3.27	15.85	0.16	1.3	0.139	2.79	19.3	8.0	0.80	630	1.84	0.54	4.9	2.3	540
N810862		2.97	16.50	0.17	1.2	0.055	2.10	24.2	12.2	0.80	352	1.98	1.94	6.8	2.8	600
N810863		2.88	16.85	0.15	1.2	0.047	2.14	26.9	13.6	0.84	279	0.84	2.25	6.6	2.6	630
N810864		2.93	16.30	0.15	1.2	0.051	2.12	27.8	13.3	0.82	278	0.76	2.13	6.5	2.7	600
N810865		4.13	15.55	0.17	1.1	0.212	2.99	24.8	12.1	0.93	1470	0.91	0.32	6.5	2.8	560
N810866		2.72	17.00	0.17	1.2	0.068	2.19	27.8	13.1	0.76	332	1.16	2.07	7.3	2.5	630
N810867		6.82	14.70	0.21	1.0	1.775	2.63	25.6	23.7	0.97	2050	13.30	0.04	6.3	16.2	490
N810868		2.98	16.25	0.17	1.1	0.145	2.94	26.6	8.5	0.93	798	1.87	0.53	5.2	2.3	560
N810869		2.54	16.30	0.16	1.2	0.140	2.56	22.4	8.4	0.64	566	1.10	0.96	6.2	2.6	600
N810870		2.66	15.80	0.16	1.3	0.140	2.72	22.3	7.9	0.65	593	0.84	0.98	6.1	2.6	580
N810871		5.59	13.10	0.19	1.3	0.404	2.34	21.9	8.4	0.49	552	6.37	0.05	3.7	5.7	400
N810872		2.08	18.85	0.15	4.1	0.022	2.26	28.3	27.8	0.84	623	1.35	0.06	9.1	15.9	680
N810873		4.07	16.60	0.20	1.3	0.530	3.09	31.9	18.0	0.86	854	3.98	0.04	7.5	3.0	590
N810874		0.45	0.26	0.09	<0.1	<0.005	0.02	0.6	0.8	12.05	207	0.18	0.01	0.2	2.1	160
N810875		3.49	17.20	0.16	1.3	0.274	2.14	24.4	32.4	0.71	610	3.15	0.04	7.9	2.6	580
N810876		2.92	16.35	0.17	1.2	0.111	1.57	26.3	59.6	0.57	622	5.20	0.03	8.0	2.9	670
N810877		3.44	17.00	0.18	1.5	0.305	2.56	29.0	41.6	0.49	567	1.50	0.07	8.4	2.4	670
N810878		6.54	16.35	0.23	1.0	1.010	2.61	24.2	14.7	0.43	992	2.17	0.03	6.1	2.4	470
N810879		0.48	0.29	0.08	<0.1	0.006	0.03	0.7	1.1	12.45	225	0.14	<0.01	0.3	1.7	180
N810880		3.24	15.85	0.14	1.1	0.332	2.90	19.1	9.9	0.70	1000	0.82	0.36	7.1	2.0	560
N810881		2.99	16.50	0.16	1.2	0.229	2.67	21.7	12.0	0.72	406	0.71	1.54	7.8	2.3	590
N810882		3.51	15.45	0.19	1.1	0.201	2.54	24.1	21.4	0.74	948	0.88	1.13	7.2	2.9	580
N810883		3.08	16.30	0.16	1.3	0.125	2.90	23.8	16.4	0.84	485	1.75	1.87	8.3	2.6	680
N810884		3.62	15.30	0.18	1.1	0.501	2.60	28.6	14.5	0.83	583	0.86	1.25	7.4	2.9	580
N810885		2.91	16.40	0.17	1.2	0.345	2.57	24.1	14.4	0.80	441	1.18	1.94	8.1	2.6	610
N810886		2.75	15.15	0.17	1.2	0.323	2.83	26.1	15.0	0.71	457	0.97	1.54	7.5	2.5	530
N810887		6.31	13.70	0.21	1.0	1.675	2.53	24.2	23.0	0.90	1960	12.95	0.04	6.1	15.5	450
N810888		4.42	16.30	0.19	1.2	0.237	3.56	31.1	18.0	0.82	909	0.97	0.45	7.6	2.5	620
N810889		5.08	16.50	0.21	1.2	0.518	3.47	33.9	16.6	0.65	863	3.07	0.11	7.2	2.7	640
N810890		3.51	16.85	0.14	1.1	0.544	3.64	28.9	17.7	0.69	801	1.63	0.07	7.9	2.9	570
N810891		6.71	16.20	0.18	1.0	0.466	3.03	26.0	9.9	0.66	764	1.16	0.04	7.2	2.3	470



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Project: Klaza - 121

**CERTIFICATE OF ANALYSIS WH12203771**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810856		78.2	165.5	<0.002	2.20	13.35	10.4	2	6.4	59.5	0.50	0.16	14.1	0.183	2.78	4.6
N810857		76.1	166.5	<0.002	4.45	17.45	9.9	3	8.4	27.3	0.38	0.67	12.8	0.143	2.85	3.5
N810858		1025	148.5	0.002	6.75	23.0	8.8	3	9.0	30.3	0.32	0.85	11.2	0.128	2.47	3.9
N810859		113.0	132.0	<0.002	2.44	8.07	9.9	2	6.6	147.5	0.44	0.39	12.4	0.165	2.37	4.3
N810860		35.8	103.0	<0.002	1.90	2.87	9.3	2	5.1	1060	0.52	0.20	11.1	0.187	1.78	3.8
N810861		58.4	149.0	<0.002	2.80	3.80	8.9	2	6.8	154.5	0.47	0.23	12.8	0.153	2.18	4.0
N810862		22.5	92.2	<0.002	1.56	1.74	10.3	2	4.2	713	0.57	0.17	12.3	0.227	1.53	4.2
N810863		21.7	94.1	<0.002	1.39	1.94	10.7	2	3.8	1130	0.55	0.19	13.4	0.219	1.45	4.2
N810864		24.2	98.5	<0.002	1.48	2.01	10.5	2	3.7	1050	0.54	0.14	13.5	0.214	1.46	4.3
N810865		285	165.5	<0.002	3.37	23.1	10.4	2	5.2	203	0.53	0.30	12.0	0.215	2.71	3.8
N810866		39.7	94.0	<0.002	1.21	2.25	10.9	2	4.0	1425	0.61	0.17	13.0	0.230	1.56	4.1
N810867		3030	156.5	0.002	4.95	92.1	8.1	2	8.1	96.9	0.51	0.37	10.7	0.188	2.24	5.4
N810868		198.5	165.0	<0.002	2.43	5.38	9.7	2	5.6	144.5	0.46	0.26	13.1	0.176	2.75	4.6
N810869		38.2	109.5	<0.002	1.80	3.46	9.9	2	4.2	272	0.53	0.16	10.7	0.206	2.26	3.9
N810870		39.4	108.0	<0.002	1.93	2.94	9.4	2	4.0	274	0.53	0.15	10.9	0.209	2.33	3.8
N810871		144.5	124.5	0.002	5.70	19.90	6.8	3	6.7	51.0	0.34	0.54	9.5	0.118	1.62	3.9
N810872		20.0	85.0	<0.002	0.09	9.89	5.9	1	9.4	247	0.77	<0.05	10.3	0.256	1.52	6.1
N810873		50.2	186.0	<0.002	2.49	100.5	10.6	2	4.3	81.6	0.64	0.17	15.7	0.235	2.45	5.0
N810874		1.4	1.3	<0.002	<0.01	0.18	0.3	2	<0.2	43.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N810875		107.0	98.7	<0.002	1.74	117.5	10.5	2	4.9	87.7	0.63	0.24	11.9	0.234	1.67	4.4
N810876		44.6	64.4	<0.002	0.74	32.4	10.3	1	2.6	204	0.67	0.08	12.8	0.247	1.55	6.2
N810877		107.0	125.0	<0.002	1.32	29.1	11.3	1	3.6	116.5	0.72	0.16	14.3	0.254	1.52	4.6
N810878		546	138.5	<0.002	6.72	25.6	9.1	2	13.0	55.7	0.50	0.57	10.1	0.203	2.24	3.3
N810879		2.6	1.7	<0.002	0.02	0.16	0.2	2	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N810880		157.0	124.5	<0.002	2.21	6.33	9.0	2	4.4	129.5	0.59	0.72	10.3	0.219	2.59	3.0
N810881		62.1	99.7	<0.002	1.24	3.77	9.9	2	3.8	258	0.66	0.58	10.9	0.238	1.63	3.0
N810882		74.0	89.9	<0.002	1.59	5.53	9.2	2	3.5	235	0.59	0.19	9.9	0.231	1.81	4.9
N810883		48.6	98.7	<0.002	0.60	2.05	11.0	1	3.2	317	0.70	0.17	11.9	0.271	1.56	3.9
N810884		172.5	101.5	<0.002	1.93	3.57	9.6	2	4.0	220	0.61	0.19	11.4	0.244	1.89	4.3
N810885		94.6	97.9	<0.002	0.96	2.66	10.8	2	3.5	311	0.65	0.22	11.4	0.254	1.57	4.4
N810886		49.6	114.0	<0.002	0.61	3.79	9.9	2	2.8	247	0.64	0.12	12.4	0.235	1.64	4.3
N810887		2810	149.0	<0.002	4.62	88.7	7.9	2	7.6	91.6	0.47	0.37	10.3	0.178	2.19	5.3
N810888		115.5	152.0	<0.002	1.14	5.54	10.5	2	5.3	135.5	0.63	0.20	14.2	0.245	2.47	5.1
N810889		355	181.0	<0.002	3.39	6.72	10.1	2	7.2	73.5	0.57	0.41	13.3	0.237	2.68	4.7
N810890		61.3	179.0	<0.002	1.51	6.72	10.7	1	5.2	93.4	0.56	0.32	13.6	0.228	2.61	3.7
N810891		104.5	154.5	<0.002	6.54	26.3	9.1	8	13.9	57.8	0.53	2.58	11.6	0.205	2.48	3.8





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 Account: ROCKHA

Project: Klaza - 121

**CERTIFICATE OF ANALYSIS WH12203771**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N810856		65	3.4	13.6	232	35.2	1
N810857		64	4.4	13.2	236	33.6	2
N810858		59	5.4	11.1	2380	28.9	15
N810859		62	3.0	14.7	460	31.2	1
N810860		63	3.2	13.9	98	33.4	<1
N810861		55	4.0	14.0	160	33.8	1
N810862		73	3.5	14.6	105	35.7	1
N810863		71	3.3	14.9	70	34.1	<1
N810864		69	3.2	15.2	70	33.6	<1
N810865		68	5.9	14.4	547	31.4	2
N810866		73	2.2	16.0	116	34.2	<1
N810867		62	5.3	10.2	5780	27.2	25
N810868		64	3.1	14.2	709	30.7	1
N810869		69	2.9	13.6	112	34.9	<1
N810870		70	2.8	13.3	113	34.9	<1
N810871		74	5.7	8.6	378	39.4	8
N810872		51	2.5	12.7	122	147.5	<1
N810873		73	6.6	15.3	125	36.6	4
N810874		2	0.1	0.8	15	<0.5	<1
N810875		70	5.0	15.1	259	34.7	5
N810876		73	5.0	14.6	76	34.9	<1
N810877		74	5.8	15.2	279	40.6	1
N810878		64	8.7	11.1	789	27.6	24
N810879		2	0.1	0.9	19	<0.5	<1
N810880		67	2.3	14.3	386	30.1	2
N810881		70	1.7	13.3	225	34.7	1
N810882		68	2.3	18.0	157	30.8	1
N810883		81	2.2	14.3	115	34.4	<1
N810884		70	2.3	13.4	479	29.7	1
N810885		76	2.1	14.5	297	33.6	1
N810886		62	2.6	15.0	243	32.9	1
N810887		58	5.1	10.1	5480	27.0	25
N810888		74	5.3	15.2	372	33.0	2
N810889		72	9.1	12.9	834	33.7	5
N810890		66	4.8	15.1	262	35.7	2
N810891		61	9.3	13.8	166	31.1	6



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**CERTIFICATE OF ANALYSIS WH12203771**

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



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**CERTIFICATE WH12203772**

Project: Klaza-121

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12203772**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812970		4.94	0.205	1.26	7.41	37.6	4230	1.77	0.55	1.22	1.96	55.7	5.3	9	13.10	72.5
N812971		6.41	0.095	0.83	8.13	36.6	1520	1.43	0.61	0.20	2.18	46.7	6.8	8	17.50	114.0
N812972		6.28	0.101	1.45	7.48	114.5	1410	1.45	2.00	0.20	0.63	53.2	3.0	7	18.50	82.0
N812973		6.34	0.114	2.20	7.47	155.5	880	1.57	3.62	0.06	0.79	66.3	3.4	8	18.90	82.9
N812974		3.74	0.068	0.97	7.35	59.2	510	1.84	1.26	1.66	10.20	56.0	10.2	7	23.0	86.9
N812975		5.98	0.061	0.77	7.39	37.2	2140	1.67	0.92	1.62	3.65	53.0	7.8	9	17.95	79.8
N812976		5.28	0.072	0.84	7.42	34.7	2070	1.63	0.91	1.85	4.96	52.3	8.5	9	20.9	55.2
N812977		5.78	0.049	1.05	8.05	28.9	1860	1.77	1.16	1.10	3.76	63.8	10.2	9	16.30	109.5
N812978		0.28	2.06	24.1	5.42	3100	340	1.35	17.85	2.14	76.0	41.6	9.9	19	14.25	419
N812979		6.96	0.076	0.99	7.39	49.6	1110	1.80	1.51	1.91	3.73	54.3	7.4	10	14.45	82.9
N812980		4.03	0.027	0.40	7.05	34.6	2250	1.72	0.75	1.85	1.89	55.7	8.6	10	12.70	37.5
N812981		1.67	0.030	0.45	7.24	25.9	2230	1.86	0.65	1.87	2.01	57.0	8.9	10	12.65	39.8
N812982		5.10	0.260	6.94	7.46	130.0	920	2.02	28.9	0.33	10.60	69.2	6.7	10	17.90	243
N812983		3.34	0.087	1.17	6.73	76.0	1170	1.83	1.87	2.44	12.80	47.3	8.1	8	18.70	199.0
N812984		7.35	0.086	0.98	7.12	33.1	1360	1.78	2.23	2.28	1.51	55.3	7.5	9	14.05	96.2
N812985		3.84	0.096	0.55	7.19	25.7	450	1.74	2.53	1.69	1.34	51.4	10.9	10	11.50	81.0
N812986		8.18	0.282	0.50	7.31	24.8	2270	1.76	1.08	1.79	1.05	56.1	8.3	9	11.40	112.0
N812987		0.26	4.58	>100	5.11	7630	210	1.17	59.9	1.98	214	33.4	8.9	19	12.05	1275
N812988		8.52	0.098	0.77	7.03	37.9	620	1.75	1.68	2.18	1.43	53.8	8.4	10	12.50	48.6
N812989		3.88	0.202	1.14	6.81	164.5	70	1.14	5.36	0.70	2.59	30.0	10.1	10	7.35	97.8
N812990		4.90	0.131	0.96	6.99	67.3	220	1.28	3.69	0.85	2.62	42.3	9.2	9	9.38	139.5
N812991		4.06	0.128	0.94	7.56	81.2	830	1.56	2.37	1.23	4.83	52.6	7.2	10	14.80	169.5
N812992		5.85	0.267	1.07	7.42	106.0	690	1.36	2.58	0.88	3.29	46.5	5.4	8	14.50	77.8
N812993		4.96	0.082	0.91	6.77	87.8	490	1.63	1.73	0.21	7.18	25.9	6.6	8	15.15	252
N812994		2.73	0.075	1.40	7.38	87.0	760	2.02	2.63	0.35	8.91	51.1	9.8	6	19.05	188.5
N812995		2.07	<0.005	0.02	0.07	<5	20	0.07	0.03	22.3	0.09	0.98	1.5	<1	0.17	2.4
N812996		2.64	0.215	0.74	7.83	96.0	930	1.74	2.16	1.39	5.55	62.2	9.8	8	18.25	102.0
N812997		6.86	0.160	1.18	7.23	90.6	470	1.55	2.80	2.18	2.89	52.0	9.7	9	12.15	29.1
N812998		2.90	0.050	0.88	7.53	36.2	410	1.64	1.53	1.74	3.20	55.6	17.6	8	13.95	116.0
N812999		5.35	0.109	0.60	7.32	48.5	1020	1.48	1.47	1.83	2.24	54.7	8.3	8	14.20	52.3
N813000		<0.02	0.102	0.57	7.62	49.5	950	1.62	1.32	1.92	2.28	54.6	8.7	9	14.25	54.9
N810851		3.11	0.120	1.07	6.86	87.9	430	1.45	2.06	1.44	6.31	52.0	9.9	7	12.50	38.1
N810852		3.58	0.160	1.38	6.27	94.7	340	1.32	2.08	3.53	5.27	47.9	7.7	6	16.65	62.7
N810853		3.42	<0.005	0.01	0.06	<5	30	0.05	0.03	21.7	0.07	1.15	1.6	<1	0.18	2.4
N810854		7.33	0.079	1.45	7.04	70.3	300	1.41	3.01	1.41	5.43	55.2	9.2	8	11.60	46.8
N810855		2.65	0.314	1.17	6.91	116.5	100	1.43	3.44	1.72	2.73	52.5	11.1	8	11.75	160.5



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**CERTIFICATE OF ANALYSIS WH12203772**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812970		3.23	16.65	0.11	1.3	0.070	2.57	30.8	18.2	0.78	338	1.01	2.41	8.0	2.8	590
N812971		3.58	17.60	0.11	1.4	0.106	2.75	24.6	29.2	0.25	214	0.89	0.08	8.3	4.2	630
N812972		4.25	17.65	0.13	1.3	0.277	3.13	28.2	14.2	0.28	103	1.90	0.52	5.2	1.6	660
N812973		4.92	18.45	0.16	1.3	0.584	3.54	35.8	12.3	0.34	183	1.70	0.06	5.5	1.5	510
N812974		3.50	16.40	0.13	1.3	0.096	3.41	28.7	12.6	0.78	1120	1.04	0.05	6.2	3.0	580
N812975		3.28	16.90	0.12	1.3	0.085	2.90	28.0	17.2	0.55	408	1.27	1.11	7.0	2.6	570
N812976		3.23	16.50	0.11	1.4	0.103	2.98	27.0	21.4	0.67	589	1.56	0.46	7.2	2.7	580
N812977		3.82	17.65	0.14	1.4	0.078	2.97	34.4	17.6	0.56	465	4.37	0.87	7.1	2.9	640
N812978		6.35	12.95	0.14	0.9	1.635	2.53	22.5	23.7	0.89	1800	13.05	0.04	5.6	13.8	420
N812979		3.57	16.80	0.13	1.2	0.187	3.21	28.6	12.7	0.76	537	1.49	1.45	6.7	2.7	570
N812980		3.54	15.75	0.12	1.3	0.113	2.59	30.2	12.0	0.77	361	1.92	1.80	7.5	2.8	570
N812981		3.61	16.50	0.12	1.3	0.116	2.77	30.4	12.6	0.79	390	1.58	1.87	7.6	2.9	580
N812982		3.99	17.75	0.15	1.4	1.755	3.32	38.4	18.2	0.33	452	5.28	0.05	7.1	2.5	490
N812983		3.27	16.50	0.13	1.2	0.294	3.09	23.8	9.1	0.66	889	4.85	0.35	6.0	2.2	520
N812984		3.55	16.90	0.12	1.3	0.187	2.87	29.3	10.7	0.79	406	1.71	1.62	7.3	2.6	570
N812985		4.04	16.35	0.13	1.2	0.079	2.74	27.4	14.3	0.85	296	0.92	1.92	6.6	3.1	550
N812986		3.18	16.35	0.12	1.3	0.121	2.59	30.9	17.1	0.86	336	1.17	2.33	7.4	2.5	580
N812987		8.07	12.40	0.15	1.1	4.84	2.34	16.1	32.7	0.64	3020	16.05	0.08	5.8	13.2	440
N812988		3.43	16.20	0.12	1.3	0.208	2.70	29.1	12.2	0.80	507	0.64	1.68	6.9	2.4	540
N812989		8.60	18.65	0.15	1.1	0.200	3.31	15.0	6.9	0.48	243	0.70	0.15	3.8	3.0	530
N812990		4.72	18.75	0.09	1.1	0.163	3.13	20.9	8.7	0.56	302	0.80	0.29	4.4	2.8	610
N812991		3.66	18.40	0.12	1.2	0.247	3.57	23.8	9.5	0.64	501	1.42	0.32	5.0	3.5	690
N812992		3.71	18.20	0.13	1.1	0.238	3.58	20.7	11.4	0.58	458	1.09	0.05	4.3	2.0	600
N812993		3.86	15.00	0.11	1.0	0.295	3.15	10.9	10.9	0.32	357	3.58	0.05	3.5	3.3	500
N812994		4.52	16.65	0.13	1.1	0.224	2.89	24.8	13.3	0.44	563	2.06	0.38	3.9	3.1	510
N812995		0.54	0.32	<0.05	<0.1	0.007	0.03	0.5	0.9	13.40	220	0.16	<0.01	0.4	2.8	220
N812996		4.06	17.70	0.13	1.3	0.203	2.67	30.3	10.6	0.74	599	1.47	1.03	4.6	2.7	620
N812997		4.61	17.10	0.12	1.2	0.291	2.89	25.0	7.9	0.83	727	0.85	0.88	4.9	2.4	570
N812998		4.74	17.50	0.13	1.1	0.197	2.49	26.4	11.6	0.79	399	1.53	1.02	4.6	3.2	580
N812999		3.40	17.80	0.12	1.2	0.181	2.55	26.9	16.1	0.71	493	1.36	0.98	6.4	2.6	600
N813000		3.54	17.80	0.13	1.3	0.179	2.62	27.2	16.7	0.74	514	0.85	1.02	6.5	2.7	630
N810851		5.02	15.45	0.14	1.1	0.325	3.28	26.3	10.0	0.72	857	1.04	0.06	4.9	2.4	530
N810852		4.25	14.70	0.12	0.9	0.245	2.96	23.6	10.9	0.88	1180	4.01	0.06	4.4	2.0	480
N810853		0.52	0.32	<0.05	<0.1	0.005	0.03	0.6	1.0	13.30	237	0.12	<0.01	0.3	3.1	190
N810854		4.20	16.20	0.12	1.1	0.358	3.17	26.3	10.4	0.74	699	1.62	0.07	4.6	1.8	550
N810855		6.06	16.90	0.16	1.1	0.203	2.86	23.8	7.2	0.70	329	0.98	0.81	4.6	2.3	570



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Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12203772**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812970		81.5	109.0	<0.002	0.43	10.90	10.9	1	2.8	320	0.65	0.10	14.6	0.254	1.20	4.1
N812971		55.3	123.5	<0.002	0.47	18.65	11.8	1	3.1	51.8	0.67	0.14	16.6	0.265	1.59	4.8
N812972		67.0	149.5	<0.002	0.78	12.00	10.3	2	5.1	97.3	0.45	0.32	16.5	0.185	2.22	3.7
N812973		204	196.5	<0.002	1.10	11.50	11.8	2	7.7	84.7	0.48	0.34	17.7	0.192	3.05	4.0
N812974		67.7	155.5	<0.002	2.12	7.32	10.5	2	3.7	72.2	0.52	0.24	13.8	0.211	2.96	4.9
N812975		47.5	123.5	<0.002	1.20	14.50	10.7	2	3.0	185.0	0.57	0.17	13.6	0.238	1.66	3.9
N812976		51.3	127.0	<0.002	1.41	23.0	10.8	2	3.4	138.5	0.59	0.11	13.3	0.242	1.95	5.7
N812977		32.8	138.5	<0.002	1.71	11.55	12.1	2	3.3	134.0	0.56	0.43	16.2	0.246	1.62	5.2
N812978		2660	150.5	<0.002	4.54	89.6	7.5	1	7.6	80.0	0.44	0.56	9.7	0.174	2.01	5.0
N812979		62.4	139.0	<0.002	1.70	6.46	10.3	2	4.2	245	0.52	0.23	12.8	0.227	1.69	3.8
N812980		36.8	106.5	<0.002	1.29	4.40	10.5	2	3.1	309	0.62	0.12	14.1	0.238	1.32	3.7
N812981		34.5	108.0	<0.002	1.24	4.55	10.2	2	3.0	312	0.62	0.10	14.4	0.248	1.37	3.9
N812982		305	156.5	<0.002	1.61	53.5	11.8	2	8.1	75.9	0.59	0.36	14.4	0.248	2.62	6.2
N812983		94.1	127.5	<0.002	1.44	9.96	9.1	2	5.0	103.0	0.50	0.30	12.2	0.196	2.48	3.9
N812984		52.4	112.5	<0.002	1.59	3.44	10.3	2	4.5	282	0.59	0.44	13.6	0.227	1.54	3.9
N812985		23.2	106.0	<0.002	2.37	2.49	10.1	2	4.5	289	0.53	1.06	13.0	0.222	1.26	4.0
N812986		40.5	100.5	<0.002	1.25	2.71	10.2	2	3.9	320	0.61	0.31	14.1	0.236	1.23	3.9
N812987		9480	129.5	<0.002	7.01	214	7.0	2	8.9	115.5	0.44	0.52	8.1	0.187	1.99	5.3
N812988		56.0	120.0	<0.002	1.89	4.01	10.3	2	4.7	239	0.57	0.31	13.0	0.217	1.66	4.5
N812989		44.5	175.0	0.002	8.83	6.64	11.2	2	14.5	23.6	0.29	1.42	11.1	0.138	1.85	2.6
N812990		44.8	159.5	<0.002	4.43	6.35	10.9	2	11.3	47.8	0.35	0.51	13.0	0.154	2.03	4.0
N812991		58.1	244	0.002	2.77	15.65	12.4	1	7.0	73.6	0.39	0.27	15.3	0.171	2.94	4.5
N812992		63.2	226	0.002	3.00	13.05	14.3	1	8.1	63.1	0.36	0.33	14.7	0.150	2.89	3.7
N812993		126.0	196.0	<0.002	2.44	11.40	9.6	1	6.6	53.5	0.31	0.17	13.5	0.115	3.10	5.2
N812994		190.5	178.0	<0.002	2.20	6.81	10.5	2	5.1	78.7	0.34	0.24	13.9	0.137	2.70	4.4
N812995		1.8	1.4	<0.002	<0.01	0.09	0.3	<1	<0.2	40.8	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N812996		77.2	159.5	<0.002	2.47	4.98	11.4	2	4.1	152.5	0.40	0.21	15.7	0.178	2.29	3.5
N812997		139.5	161.0	0.002	3.62	4.73	10.8	1	6.1	121.5	0.41	0.27	13.6	0.181	2.68	4.1
N812998		53.9	136.5	0.002	3.62	6.10	11.1	2	5.1	112.0	0.38	0.30	14.5	0.175	2.00	3.3
N812999		42.2	129.0	<0.002	1.81	9.08	11.5	1	4.7	185.5	0.50	0.20	14.7	0.210	2.02	4.5
N813000		42.6	131.5	<0.002	1.89	8.79	11.3	1	4.6	190.0	0.51	0.15	14.0	0.224	1.94	4.4
N810851		125.0	198.0	0.002	4.13	8.56	10.1	1	7.1	37.5	0.39	0.27	12.6	0.173	3.09	3.1
N810852		259	174.5	<0.002	3.44	20.5	9.3	1	6.1	80.4	0.34	0.31	11.7	0.152	2.97	3.4
N810853		1.6	1.5	<0.002	0.01	0.08	0.3	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N810854		134.5	176.5	<0.002	3.33	8.54	9.8	1	7.1	40.4	0.39	0.29	13.5	0.160	3.20	4.0
N810855		85.9	151.5	<0.002	5.76	7.04	10.3	2	7.7	135.0	0.38	0.60	12.3	0.166	2.03	4.0



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 Account: ROCKHA

Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12203772**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812970		69	1.6	15.0	177	33.2	1	
N812971		71	3.1	14.9	301	35.9	1	
N812972		63	2.6	9.2	248	34.1	2	
N812973		70	5.4	10.4	430	33.7	2	
N812974		66	3.5	20.6	445	33.8	1	
N812975		70	2.0	15.3	246	34.2	1	
N812976		72	4.1	15.7	335	34.3	1	
N812977		77	3.9	18.7	248	35.5	1	
N812978		54	4.8	9.0	5080	22.7	23	
N812979		68	3.1	16.6	225	32.6	1	
N812980		66	2.3	15.8	174	34.3	1	
N812981		68	2.1	16.0	194	34.0	<1	
N812982		73	8.5	16.8	678	33.7	7	
N812983		59	3.5	15.1	835	31.4	1	
N812984		66	3.7	15.3	142	33.5	1	
N812985		66	2.2	14.6	117	31.7	<1	
N812986		67	2.8	15.3	109	33.4	1	
N812987		54	4.5	8.6	>10000	31.1	117	1.545
N812988		64	3.0	15.8	144	34.4	1	
N812989		68	6.5	12.3	185	30.2	1	
N812990		64	5.4	15.3	174	30.0	1	
N812991		68	4.3	16.0	308	30.5	1	
N812992		71	4.2	14.8	257	30.3	1	
N812993		51	4.6	14.0	526	26.3	1	
N812994		59	3.3	20.2	1020	30.9	1	
N812995		2	0.1	0.8	17	0.5	<1	
N812996		69	2.4	19.0	442	35.3	<1	
N812997		65	3.3	14.0	306	31.5	1	
N812998		69	2.9	15.9	225	29.4	1	
N812999		66	2.8	16.1	194	32.7	<1	
N813000		69	2.8	15.8	199	34.2	1	
N810851		60	4.2	13.1	445	28.5	1	
N810852		56	3.6	12.1	483	26.0	1	
N810853		2	0.1	0.9	18	<0.5	<1	
N810854		56	4.1	12.5	424	26.9	1	
N810855		60	2.1	16.3	189	30.4	1	



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**CERTIFICATE OF ANALYSIS WH12203772**

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





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**CERTIFICATE WH12205101**

Project: Klaza-116

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12205101**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358488		5.92	0.019	0.43	6.74	18.0	2040	1.65	3.58	2.12	0.33	40.7	6.4	9	13.55	32.6
M358489		5.38	0.022	0.69	6.49	22.4	2220	1.53	2.00	2.18	1.33	38.2	5.7	9	10.00	34.5
M358490		4.86	0.024	0.49	6.88	19.8	1900	1.67	1.42	2.02	1.89	46.5	5.8	8	11.25	23.6
M358491		<0.02	0.021	0.50	6.50	19.2	1850	1.54	1.23	1.96	1.88	40.5	5.6	9	10.65	22.5
M358492		4.24	0.091	0.77	6.72	57.7	1770	1.59	1.78	2.10	2.00	43.2	5.6	7	15.75	34.4
M358493		2.89	0.026	0.53	7.46	25.4	1400	1.45	1.48	1.41	1.07	53.0	12.6	8	12.60	29.2
M358494		2.85	0.101	0.70	6.95	80.7	1890	1.50	1.68	1.90	1.58	41.0	4.9	6	15.35	40.8
M358495		3.14	0.042	0.49	6.53	31.7	1730	1.38	1.40	2.23	0.95	35.5	13.4	6	11.60	29.4
M358496		2.98	<0.005	0.01	0.07	<5	50	0.06	0.03	20.6	0.07	1.31	1.4	<1	0.19	2.4
M358497		2.92	0.113	0.81	7.06	60.9	2340	1.77	1.69	2.74	2.37	48.2	6.4	8	18.80	50.3
M358498		7.47	0.046	0.36	7.27	32.5	2130	1.50	0.75	2.40	0.58	44.0	7.0	11	10.20	13.5
M358499		3.04	0.381	5.61	7.12	264	790	1.58	13.85	2.21	7.74	46.7	7.5	7	14.75	285
M358500		3.36	<0.005	0.04	0.13	<5	30	0.13	0.04	20.7	0.07	1.32	1.6	<1	0.53	4.8
M358501		4.15	0.029	0.94	7.22	32.8	2320	1.43	3.24	2.47	0.95	44.9	5.9	9	10.60	52.6
M358502		3.45	0.700	34.9	6.77	548	860	1.47	255	2.20	9.38	52.1	13.5	6	18.50	1100
M358503		0.26	2.36	25.1	5.61	3150	1490	1.36	18.30	2.12	76.3	41.2	11.3	16	14.85	430
M358504		3.41	0.131	0.86	6.85	81.2	910	1.55	2.72	2.29	1.16	40.7	13.9	7	14.00	30.6
M358505		7.19	0.014	0.45	7.22	20.8	2590	1.57	1.82	1.77	0.83	45.9	7.4	8	15.25	18.4
M358506		2.69	0.038	0.38	6.49	28.2	2000	1.55	2.68	2.48	0.42	38.0	6.8	7	18.95	19.5
M358507		2.45	0.287	0.59	5.68	134.0	1040	1.36	3.11	3.03	0.24	40.3	8.2	5	14.25	36.3
M358508		2.32	0.122	0.18	7.02	123.0	1810	1.68	0.31	2.73	0.11	46.3	7.8	6	16.00	9.1
M358509		3.22	0.057	0.21	7.56	54.6	1710	1.74	0.21	0.75	0.10	57.3	8.6	8	20.6	7.0
M358510		2.58	0.043	0.34	6.85	44.0	1520	1.60	0.93	2.19	0.40	41.4	8.4	6	28.2	26.7
M358511		6.86	0.015	0.23	7.38	16.4	1880	1.77	0.92	2.51	0.29	49.0	6.3	9	9.56	21.4
M358512		6.66	0.039	0.29	6.76	25.1	1410	1.70	1.15	2.62	0.39	44.0	7.4	9	10.25	17.3
M358513		4.11	0.025	0.18	7.09	13.4	1870	1.70	0.56	2.45	0.23	47.6	7.1	11	8.45	11.4
M358514		2.52	0.149	0.26	6.80	23.9	1940	1.66	1.56	2.54	0.36	42.4	8.8	9	10.35	13.8
M358515		1.24	0.176	0.33	6.98	35.4	1780	1.71	1.06	2.62	0.42	45.0	8.4	10	11.95	25.2
M358516		2.63	0.245	0.49	6.11	70.0	2410	1.56	1.87	2.44	0.38	37.8	9.6	8	17.10	27.8
M358517		6.66	0.038	0.17	6.44	47.5	1510	1.69	0.09	3.39	0.13	43.5	7.5	7	15.20	23.6
M358518		0.25	2.35	26.2	5.67	3200	1530	1.36	18.55	2.17	77.2	41.3	11.9	17	14.75	439
M358519		4.65	0.029	0.16	6.85	58.9	1920	1.76	0.10	2.90	0.12	47.2	7.5	7	15.05	10.9
M358520		2.30	0.083	0.41	6.96	115.5	2730	1.70	1.43	1.78	0.33	53.0	18.8	6	18.30	32.6
M358521		3.62	0.193	0.58	6.25	87.4	880	1.56	3.19	2.94	0.32	44.7	10.9	8	15.25	47.9
M358522		3.39	0.114	0.42	6.19	62.7	1270	1.61	2.57	2.95	0.32	39.1	7.6	9	14.80	36.9
M358523		5.58	0.026	0.44	7.68	28.7	1430	1.41	2.67	1.51	0.40	57.2	8.5	7	11.95	30.7



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Finalized Date: 19-SEP-2012  
Account: ROCKHA

Project: Klaza-116

**CERTIFICATE OF ANALYSIS WH12205101**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358488		2.69	16.45	0.16	1.1	0.178	2.85	21.1	20.5	0.69	441	1.10	1.59	7.8	2.7	540
M358489		2.75	16.90	0.17	1.2	0.208	2.71	19.6	18.9	0.76	484	1.27	1.96	7.8	2.7	520
M358490		2.33	16.35	0.19	1.1	0.310	2.38	23.9	19.4	0.65	423	0.77	2.02	7.7	2.2	540
M358491		2.28	15.80	0.17	1.0	0.302	2.34	19.9	19.4	0.61	417	0.82	1.98	7.6	2.1	530
M358492		3.07	16.60	0.16	1.0	0.283	2.71	22.6	62.5	0.82	728	2.63	0.20	7.5	2.6	540
M358493		3.24	16.80	0.19	1.0	0.362	2.42	28.4	24.5	0.58	500	1.78	1.03	7.3	2.5	580
M358494		2.91	16.80	0.16	1.1	0.274	2.93	21.1	25.2	0.65	1320	1.50	0.47	8.0	2.9	580
M358495		3.00	16.30	0.16	1.0	0.361	2.41	16.9	25.8	0.64	653	1.57	0.89	7.0	2.2	550
M358496		0.48	0.35	0.26	<0.1	0.006	0.03	0.6	1.1	12.30	214	0.15	0.01	0.3	2.6	160
M358497		2.86	16.65	0.14	1.0	0.280	2.95	26.7	34.9	0.80	1300	0.65	0.09	7.8	2.8	550
M358498		2.84	16.95	0.17	1.2	0.153	2.85	22.9	13.1	0.73	518	0.79	2.12	8.1	2.4	580
M358499		4.22	17.30	0.18	1.2	0.370	3.20	24.9	26.6	0.69	855	1.29	0.47	7.7	2.8	570
M358500		0.45	0.50	0.26	<0.1	0.007	0.06	0.6	1.6	12.35	202	0.12	0.01	0.3	3.6	190
M358501		2.93	17.70	0.16	1.2	0.162	3.03	23.4	12.5	0.73	475	1.48	1.97	8.2	2.7	570
M358502		4.93	16.05	0.17	1.1	1.970	3.08	29.7	17.1	0.83	767	2.05	0.14	7.0	3.1	500
M358503		6.37	14.65	0.18	1.0	1.740	2.59	23.1	24.3	0.88	1820	12.90	0.04	6.1	15.6	430
M358504		3.91	16.55	0.16	1.1	0.217	2.84	21.0	26.3	0.71	455	2.38	0.94	7.8	2.7	550
M358505		2.80	17.35	0.15	1.1	0.283	2.82	24.5	21.9	0.71	471	0.76	1.63	8.1	2.7	570
M358506		2.43	15.85	0.16	1.1	0.158	2.79	19.0	30.3	0.58	488	1.89	1.41	7.5	2.4	530
M358507		2.63	13.80	0.15	1.3	0.134	2.36	22.8	20.1	0.93	620	3.00	0.05	6.3	2.9	460
M358508		2.55	17.70	0.17	2.0	0.108	2.81	24.1	57.9	0.94	683	3.24	0.06	8.8	3.6	650
M358509		1.81	20.3	0.14	3.6	0.041	3.28	31.4	23.7	0.42	607	1.87	0.03	10.8	5.2	710
M358510		2.48	16.75	0.17	1.2	0.158	2.53	21.3	37.2	0.56	625	1.21	0.38	8.4	3.0	530
M358511		2.74	17.70	0.19	1.3	0.180	2.49	26.1	15.2	0.75	434	1.36	2.49	8.7	2.7	570
M358512		2.52	16.90	0.19	1.1	0.215	2.33	22.6	19.1	0.66	438	0.86	2.25	8.0	2.7	540
M358513		2.65	17.15	0.20	1.3	0.126	2.45	24.8	16.9	0.74	474	0.78	2.47	8.7	2.7	560
M358514		2.68	17.50	0.19	1.1	0.180	2.48	21.7	17.9	0.71	446	0.58	2.34	8.5	2.8	540
M358515		2.77	17.30	0.18	1.2	0.227	2.42	23.4	17.5	0.72	460	0.69	2.32	8.1	2.6	530
M358516		2.87	15.75	0.17	1.1	0.327	2.26	19.1	11.2	0.66	474	2.42	1.60	6.9	3.1	520
M358517		2.48	18.00	0.18	3.3	0.033	3.51	22.0	34.5	1.07	647	2.16	0.06	10.1	4.7	680
M358518		6.48	15.10	0.18	0.9	1.785	2.61	23.2	25.5	0.90	1860	13.35	0.04	6.3	16.6	440
M358519		2.34	18.15	0.19	3.2	0.036	3.95	24.9	31.0	0.95	629	1.46	0.12	9.8	4.6	710
M358520		3.18	18.00	0.18	0.9	0.508	2.60	27.8	24.1	0.74	572	0.71	0.71	5.7	5.1	500
M358521		2.89	16.30	0.18	1.4	0.214	2.59	24.3	21.2	0.96	689	2.94	0.21	7.3	4.0	520
M358522		2.58	16.45	0.17	1.4	0.164	2.61	20.0	20.5	0.82	525	1.30	1.15	7.7	3.3	550
M358523		2.79	18.05	0.17	1.2	0.293	2.56	32.4	28.6	0.46	360	0.61	0.92	8.7	2.6	620



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**CERTIFICATE OF ANALYSIS WH12205101**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358488		24.4	107.5	<0.002	0.26	3.94	10.8	1	2.3	280	0.68	0.05	11.0	0.232	1.60	3.6
M358489		48.1	96.9	<0.002	0.37	3.01	10.8	1	3.0	315	0.66	0.05	10.8	0.224	1.30	3.6
M358490		65.6	103.0	<0.002	0.47	5.02	11.2	1	3.8	301	0.65	0.09	12.8	0.230	1.37	3.9
M358491		66.8	91.6	<0.002	0.46	4.99	10.8	1	3.7	291	0.63	0.09	11.3	0.229	1.31	3.5
M358492		56.6	107.0	<0.002	0.80	21.4	11.1	1	3.8	159.0	0.63	0.05	11.5	0.224	1.86	4.7
M358493		33.0	111.5	<0.002	1.11	15.00	11.5	1	3.3	162.0	0.62	0.17	13.9	0.228	1.52	3.1
M358494		61.8	127.5	<0.002	1.15	16.90	11.2	1	3.3	170.0	0.64	0.08	11.3	0.238	2.26	3.1
M358495		35.6	95.1	<0.002	1.10	21.4	10.0	1	3.1	182.0	0.57	0.19	10.6	0.217	1.66	2.8
M358496		1.5	1.6	<0.002	0.01	0.09	0.2	1	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M358497		56.8	137.5	<0.002	1.00	19.20	11.7	1	4.6	169.5	0.62	0.24	12.2	0.238	2.35	4.2
M358498		32.1	108.0	<0.002	0.43	2.52	10.9	1	3.0	354	0.70	0.05	12.1	0.246	1.52	3.8
M358499		266	159.5	<0.002	2.26	14.70	11.3	1	6.3	186.5	0.66	0.17	11.9	0.235	2.26	4.1
M358500		1.6	4.3	<0.002	<0.01	0.06	0.4	1	<0.2	42.6	<0.05	<0.05	<0.2	0.005	0.02	0.6
M358501		29.4	114.5	<0.002	0.39	1.79	11.4	1	3.6	365	0.67	0.06	12.2	0.243	1.46	3.9
M358502		247	163.0	<0.002	2.80	54.0	10.0	2	7.1	147.0	0.61	0.89	12.0	0.215	2.35	4.5
M358503		2740	165.0	0.002	4.60	89.5	8.9	2	8.1	91.9	0.49	0.39	9.8	0.176	2.26	5.0
M358504		57.7	120.5	<0.002	2.11	5.69	11.0	2	4.9	231	0.67	0.13	11.4	0.236	1.84	4.4
M358505		37.3	122.5	<0.002	0.47	5.85	11.9	1	2.7	264	0.65	0.06	12.2	0.233	1.65	3.4
M358506		20.6	103.5	<0.002	0.45	5.51	10.4	1	2.0	279	0.66	0.08	10.3	0.228	1.79	2.9
M358507		25.4	136.0	<0.002	1.27	6.53	8.6	1	2.1	130.5	0.50	0.11	9.9	0.187	2.15	3.4
M358508		15.8	104.5	<0.002	0.50	8.67	10.6	1	2.0	209	0.73	<0.05	10.6	0.260	2.33	4.3
M358509		13.1	173.5	<0.002	0.35	7.61	9.3	1	1.4	127.5	0.83	<0.05	10.8	0.292	3.54	5.7
M358510		21.0	100.0	<0.002	0.70	9.26	11.3	1	3.3	170.5	0.69	0.07	11.6	0.236	1.84	4.2
M358511		17.9	100.0	<0.002	0.32	2.31	12.0	1	2.5	370	0.75	0.06	13.7	0.243	1.20	4.8
M358512		21.4	99.8	<0.002	0.47	2.90	11.2	1	3.4	326	0.67	0.09	11.9	0.225	1.32	3.7
M358513		17.8	92.4	<0.002	0.23	2.69	12.0	1	1.9	367	0.75	<0.05	12.5	0.248	1.17	4.1
M358514		19.6	91.4	<0.002	0.48	2.14	11.5	1	2.9	366	0.68	0.10	11.3	0.236	1.20	3.7
M358515		22.4	98.3	<0.002	0.53	2.81	11.8	1	3.5	367	0.68	0.07	12.2	0.235	1.33	4.0
M358516		24.9	110.5	0.002	0.93	5.70	9.9	1	4.3	358	0.58	0.09	9.5	0.202	1.85	3.4
M358517		17.9	150.0	<0.002	0.38	7.35	7.7	1	1.2	231	0.79	0.08	8.2	0.257	4.07	6.1
M358518		2790	169.5	0.002	4.67	89.8	9.2	2	8.0	92.3	0.49	0.41	10.1	0.180	2.23	4.9
M358519		17.6	191.5	<0.002	0.39	5.49	8.3	1	1.2	221	0.76	0.05	9.2	0.264	4.39	5.3
M358520		23.1	155.0	<0.002	0.87	9.51	10.8	2	3.2	206	0.50	0.05	11.6	0.177	2.65	3.8
M358521		26.7	119.0	0.002	1.31	12.35	9.8	2	3.3	148.0	0.60	0.19	10.4	0.211	2.52	4.2
M358522		24.3	101.5	<0.002	0.82	6.35	9.9	1	2.6	256	0.63	0.16	10.1	0.220	2.01	3.6
M358523		21.2	116.0	<0.002	1.00	15.70	12.7	2	3.1	161.5	0.70	0.22	12.8	0.256	1.53	2.8



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**CERTIFICATE OF ANALYSIS WH12205101**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358488		64	2.5	14.3	57	30.1	<1
M358489		61	1.7	14.3	120	32.0	<1
M358490		61	1.9	14.9	160	29.7	<1
M358491		60	1.9	13.8	159	28.6	<1
M358492		62	3.9	14.8	187	28.3	<1
M358493		63	2.3	15.0	117	27.3	<1
M358494		65	4.1	14.0	158	33.2	<1
M358495		58	3.5	13.5	113	28.9	<1
M358496		2	0.1	0.9	16	<0.5	<1
M358497		64	2.7	16.4	202	30.1	<1
M358498		67	1.9	15.3	75	31.1	<1
M358499		65	4.6	14.5	694	32.4	5
M358500		4	0.1	0.9	13	<0.5	<1
M358501		65	1.8	16.3	100	32.6	<1
M358502		56	5.3	15.8	627	28.2	35
M358503		54	5.7	10.3	5170	25.7	25
M358504		65	2.7	14.5	108	30.6	<1
M358505		67	2.1	15.6	87	31.6	<1
M358506		63	2.6	13.7	56	30.3	<1
M358507		52	7.3	13.9	46	41.8	<1
M358508		70	8.5	15.5	44	67.0	<1
M358509		70	6.1	15.8	49	132.5	<1
M358510		64	4.6	14.4	50	33.7	<1
M358511		65	1.2	17.5	53	35.1	<1
M358512		63	1.8	16.7	55	31.4	<1
M358513		69	1.2	17.1	50	34.8	<1
M358514		63	1.3	15.9	57	31.4	<1
M358515		62	1.7	16.3	60	31.8	<1
M358516		61	2.6	13.1	55	33.3	<1
M358517		64	5.9	13.5	60	115.0	<1
M358518		55	5.6	10.4	5270	26.1	26
M358519		63	6.4	14.2	56	115.5	<1
M358520		62	2.3	17.1	53	26.7	<1
M358521		61	4.7	14.8	56	41.9	<1
M358522		61	4.1	13.6	57	42.3	<1
M358523		69	2.4	16.3	57	32.3	<1



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**CERTIFICATE OF ANALYSIS WH12205101**

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



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**CERTIFICATE WH12205102**

Project: Klaza-118B

P.O. No.: Batch 4

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12205102**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354266		2.00	0.027	0.62	7.07	105.5	2070	1.52	0.42	2.61	1.71	46.6	6.7	18	14.20	18.4
M354267		1.77	0.029	0.70	7.25	63.2	1810	1.43	0.69	2.51	0.78	44.8	7.8	19	13.85	31.9
M354268		1.71	<0.005	0.35	7.06	40.1	2070	1.46	0.43	2.46	0.30	45.9	7.0	17	10.35	24.2
M354269		4.07	<0.005	0.06	6.82	4.7	2230	1.35	0.10	2.52	0.10	45.5	7.4	16	9.30	5.0
M354270		2.17	0.088	2.18	7.24	623	1320	1.42	1.50	2.31	3.35	50.2	9.0	17	12.05	78.9
M354271		2.00	<0.005	0.01	0.17	6	40	0.06	0.05	20.6	0.06	1.62	2.1	<1	0.33	3.5
M354272		2.92	<0.005	0.06	7.09	11.0	1880	1.56	0.09	2.96	0.07	50.6	8.0	14	18.05	5.3
M354273		2.31	0.009	0.45	6.97	79.6	1960	1.51	0.39	2.56	0.69	44.6	5.5	20	15.10	20.5
M354274		5.72	<0.005	0.07	7.24	11.6	2300	1.58	0.15	2.81	0.14	52.5	7.8	20	11.15	9.2
M354275		0.26	2.31	26.4	5.86	2780	1540	1.23	20.1	2.19	79.1	45.6	11.6	17	16.10	451
M354276		4.88	<0.005	0.09	7.58	3.9	2720	1.35	0.10	3.18	0.10	47.7	8.6	19	11.50	8.0
M354277		5.53	<0.005	0.08	7.41	3.2	2150	1.41	0.07	2.59	0.09	48.3	7.6	22	11.10	9.2
M354278		2.66	<0.005	0.25	6.92	18.7	1940	1.33	0.16	3.34	0.13	44.2	10.4	15	11.50	64.2
M354279		3.68	<0.005	0.01	0.07	<5	30	<0.05	0.03	20.4	0.06	1.52	1.2	<1	0.16	2.4
M354280		2.41	<0.005	0.12	6.84	4.6	1980	1.55	0.06	3.13	0.08	43.6	6.8	11	13.35	7.4
M354281		4.54	<0.005	0.06	7.39	3.6	1910	1.45	0.07	2.73	0.08	48.1	8.9	15	10.90	6.6
M354282		<0.02	<0.005	0.07	7.59	3.6	1990	1.54	0.07	2.79	0.09	49.9	8.4	16	11.65	9.6
M354283		4.75	<0.005	0.06	8.16	3.4	2050	1.35	0.08	2.17	0.08	48.4	8.2	21	11.75	9.5
M354284		3.19	<0.005	0.12	7.89	11.4	1960	1.30	0.15	2.57	0.14	42.7	8.3	17	11.60	8.7
M354285		5.83	<0.005	0.09	7.65	6.4	2170	1.58	0.11	2.69	0.24	52.6	8.7	22	9.70	6.7





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Project: Klaza-118B

**CERTIFICATE OF ANALYSIS WH12205102**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
M354266		3.27	17.65	0.12	1.0	0.117	2.94	23.7	13.2	0.78	1580	2.45	1.24	8.9	3.4	530
M354267		3.75	17.75	0.14	0.9	0.093	2.96	23.5	11.7	0.81	1030	2.89	1.18	9.1	3.6	550
M354268		2.97	17.65	0.13	1.0	0.063	2.83	22.8	12.1	0.73	734	2.37	1.70	9.1	3.3	590
M354269		2.76	17.05	0.12	0.9	0.041	2.63	22.4	15.2	0.71	633	1.79	2.06	9.3	3.3	590
M354270		4.64	17.40	0.16	0.8	0.130	3.15	26.8	9.7	0.75	1120	1.86	0.64	8.3	4.1	530
M354271		0.47	0.50	<0.05	<0.1	<0.005	0.08	0.8	1.8	12.65	212	0.17	0.01	0.4	5.5	220
M354272		2.64	18.45	0.11	1.0	0.033	2.55	25.8	18.1	0.63	646	1.53	1.61	10.1	3.4	590
M354273		3.07	17.30	0.13	0.9	0.071	2.96	22.6	13.6	0.73	924	1.96	1.39	9.7	3.5	580
M354274		2.87	18.45	0.13	1.1	0.039	2.76	26.9	12.0	0.75	688	2.20	2.18	10.3	3.3	600
M354275		6.52	16.00	0.18	0.9	1.995	2.60	24.7	25.0	0.91	1940	12.85	0.04	6.9	17.9	460
M354276		2.99	18.80	0.12	1.0	0.040	2.55	24.1	28.2	0.62	689	2.16	1.28	9.8	3.6	620
M354277		2.85	18.50	0.14	1.0	0.040	2.55	24.2	17.8	0.62	631	2.21	1.47	9.3	3.4	580
M354278		3.22	18.00	0.13	0.9	0.042	2.34	22.3	13.1	0.82	1080	2.13	1.59	8.9	4.5	580
M354279		0.45	0.22	<0.05	<0.1	<0.005	0.02	0.8	0.9	12.55	194	0.12	0.01	0.3	3.6	180
M354280		2.76	17.45	0.13	0.9	0.034	2.44	21.4	14.1	0.71	754	1.32	1.54	9.0	3.2	550
M354281		3.12	18.25	0.14	1.1	0.035	2.52	23.6	30.5	0.62	464	1.86	1.18	9.7	3.5	600
M354282		3.26	20.0	0.14	1.1	0.038	2.61	25.0	31.4	0.62	481	2.27	1.22	10.6	3.7	620
M354283		3.35	20.4	0.14	1.1	0.043	2.68	24.3	29.4	0.53	431	2.32	0.75	10.4	3.7	630
M354284		2.80	20.3	0.14	1.1	0.043	2.75	20.9	27.4	0.47	611	1.93	0.54	10.5	3.4	610
M354285		3.00	19.70	0.14	1.3	0.040	2.74	26.4	15.2	0.70	722	2.41	1.82	10.3	3.7	620



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**CERTIFICATE OF ANALYSIS WH12205102**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M354266		153.5	145.0	<0.002	0.47	4.11	9.2	1	2.8	273	0.87	<0.05	13.7	0.217	1.75	6.0
M354267		57.9	150.5	<0.002	1.02	3.18	9.8	1	2.6	277	0.81	0.06	13.0	0.229	1.80	5.4
M354268		29.3	127.0	<0.002	0.29	1.93	10.3	1	3.0	329	0.79	<0.05	11.7	0.235	1.35	4.7
M354269		19.4	98.5	<0.002	0.03	1.28	10.0	1	1.5	384	0.74	<0.05	11.6	0.230	1.09	3.9
M354270		211	179.5	<0.002	2.85	7.89	9.2	1	5.8	181.5	0.67	0.10	12.9	0.222	2.16	4.9
M354271		1.7	3.2	<0.002	<0.01	<0.05	0.5	1	<0.2	42.6	<0.05	<0.05	<0.2	0.008	0.02	0.5
M354272		21.6	94.8	<0.002	0.07	2.15	9.9	1	1.6	328	0.97	<0.05	13.3	0.248	1.30	4.4
M354273		46.0	130.5	<0.002	0.32	2.77	9.9	1	2.1	281	0.86	<0.05	13.2	0.243	1.60	4.1
M354274		23.1	115.0	<0.002	0.04	1.28	10.8	1	1.6	392	0.86	<0.05	13.3	0.235	1.12	5.0
M354275		2970	169.0	<0.002	4.79	87.7	7.8	2	7.9	96.9	0.52	0.38	11.0	0.177	2.39	5.4
M354276		24.5	95.3	<0.002	0.04	3.03	10.9	1	1.9	318	0.92	<0.05	11.7	0.247	1.05	4.2
M354277		19.9	92.8	<0.002	0.02	2.77	10.6	1	1.9	328	0.72	<0.05	12.9	0.236	0.98	3.3
M354278		21.0	91.1	<0.002	0.24	4.14	9.8	1	1.6	303	0.61	<0.05	12.1	0.241	1.12	3.4
M354279		1.6	1.3	<0.002	<0.01	<0.05	0.2	1	<0.2	51.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M354280		19.4	87.0	<0.002	0.04	2.73	9.5	1	1.7	328	0.74	<0.05	12.4	0.236	1.05	3.5
M354281		21.0	92.6	<0.002	0.02	2.66	10.9	1	1.7	300	0.82	<0.05	12.2	0.243	0.99	4.4
M354282		21.8	98.2	<0.002	0.02	2.87	11.4	1	1.9	308	0.84	<0.05	12.5	0.247	1.04	4.4
M354283		22.4	104.0	<0.002	0.04	3.83	11.5	1	2.1	221	0.80	<0.05	12.4	0.255	1.09	3.8
M354284		22.2	110.5	<0.002	0.21	4.25	11.2	1	1.8	192.0	0.81	0.05	14.1	0.258	1.33	3.7
M354285		30.8	115.0	<0.002	0.09	2.20	11.6	1	1.6	352	0.81	<0.05	14.7	0.245	1.09	5.2



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**CERTIFICATE OF ANALYSIS    WH12205102**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
		V	W	Y	Zn	Zr	Ag
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 1
M354266		61	1.2	18.1	172	26.0	<1
M354267		65	1.2	18.5	94	25.3	<1
M354268		67	1.3	18.9	55	26.4	<1
M354269		68	1.1	18.7	46	25.1	<1
M354270		63	2.1	14.3	326	21.4	2
M354271		4	0.1	1.2	14	0.8	<1
M354272		68	1.4	18.1	45	28.0	<1
M354273		67	1.2	17.7	95	25.0	<1
M354274		68	0.9	22.1	50	31.0	<1
M354275		56	4.7	12.0	5440	30.6	26
M354276		68	2.7	21.1	51	27.3	<1
M354277		67	1.8	18.2	43	27.2	<1
M354278		68	1.4	18.3	47	27.3	<1
M354279		2	0.1	0.9	14	<0.5	<1
M354280		65	1.1	18.3	39	25.0	<1
M354281		69	2.0	19.8	43	30.7	<1
M354282		71	2.1	20.9	47	30.3	<1
M354283		73	2.3	20.4	45	30.9	<1
M354284		70	2.6	19.2	48	31.0	<1
M354285		70	1.0	22.6	54	36.8	<1

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



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**CERTIFICATE OF ANALYSIS WH12205102**

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



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**CERTIFICATE WH12205103**

Project: Klaza-119

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12205103**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359378		4.24	<0.005	0.05	7.11	5.5	2420	1.46	0.06	2.58	0.10	44.0	7.9	12	3.93	5.0
M359379		2.37	<0.005	0.07	7.46	4.4	2220	1.67	0.09	2.84	0.11	56.9	8.3	12	4.04	5.4
M359380		<0.02	<0.005	0.07	7.16	4.4	2160	1.56	0.09	2.76	0.09	51.5	8.1	12	4.00	5.5
M359381		3.78	<0.005	0.06	7.31	4.9	2290	1.70	0.07	2.73	0.09	53.0	8.3	13	4.01	6.6
M359382		2.93	<0.005	0.06	7.26	2.7	2390	1.58	0.10	2.84	0.08	45.9	8.3	13	4.40	6.2
M359383		0.26	0.772	9.49	6.59	1505	880	1.35	6.72	1.92	41.5	41.8	17.5	20	16.20	109.5
M359384		2.99	<0.005	0.09	7.30	3.4	2440	1.68	0.12	2.64	0.10	47.8	8.1	13	4.93	6.7
M359385		3.02	<0.005	0.05	6.55	2.6	2250	1.50	0.07	3.40	0.08	37.3	7.2	11	10.60	6.9
M359386		3.10	<0.005	<0.01	0.05	<5	30	<0.05	0.02	21.3	0.06	1.21	1.8	<1	0.21	1.2
M359387		4.71	<0.005	0.07	7.03	3.2	2180	1.32	0.08	2.72	0.09	43.8	7.5	12	6.69	4.7
M359388		8.36	<0.005	0.07	6.98	3.3	2160	1.44	0.11	2.62	0.11	50.7	7.5	11	7.32	5.6
M359389		8.40	<0.005	0.07	6.73	2.7	2180	1.41	0.08	2.84	0.08	38.8	8.1	12	8.15	9.1
M359390		3.03	<0.005	0.06	7.01	3.7	1920	1.53	0.10	2.60	0.08	54.7	8.0	11	10.45	6.2
M359391		3.07	<0.005	0.07	5.62	2.0	1030	1.30	0.09	3.73	0.09	43.7	7.7	8	11.75	8.3
M359392		8.63	<0.005	0.04	6.96	3.7	2170	1.67	0.09	2.68	0.08	37.4	8.7	11	12.75	6.5
M359393		5.51	<0.005	0.07	6.66	6.2	1490	1.48	0.16	2.79	0.07	34.9	7.3	14	14.50	6.0
M359394		4.37	<0.005	0.20	6.82	24.3	3960	1.42	0.51	3.31	0.11	40.2	7.8	7	16.95	3.8
M359395		2.25	<0.005	0.15	6.63	7.1	1350	1.36	0.15	2.65	0.14	35.1	6.2	9	15.40	27.8
M359396		4.07	<0.005	<0.01	0.07	<5	20	0.05	0.02	21.0	0.06	1.12	1.9	<1	0.26	1.5
M359397		2.86	<0.005	0.08	6.36	3.6	2630	1.36	0.18	2.79	0.09	44.3	6.9	7	16.25	4.5
M359398		3.31	<0.005	0.11	6.38	10.4	990	1.52	0.13	3.27	0.11	65.1	7.8	8	19.20	10.6
M359399		1.60	<0.005	0.10	6.42	10.3	920	1.64	0.10	2.91	0.09	77.0	7.7	7	20.6	10.4
M359400		7.04	<0.005	0.05	6.32	4.3	1250	1.36	0.08	2.42	0.08	34.5	7.4	9	16.50	9.5
M359401		8.09	<0.005	0.09	6.42	4.7	1670	1.54	0.08	3.19	0.09	44.1	8.2	8	17.20	9.5
M359402		7.29	<0.005	0.06	7.30	2.8	2170	1.53	0.09	3.04	0.09	42.9	8.4	12	12.50	8.0
M359403		4.54	<0.005	0.17	6.55	9.9	1360	1.58	0.14	2.87	0.19	39.0	8.2	8	16.75	9.0
M359404		3.86	<0.005	0.09	6.24	6.7	1930	1.31	0.09	2.99	0.09	34.7	7.1	10	13.05	5.5
M359405		3.39	<0.005	0.12	6.28	5.2	2150	1.42	0.13	2.82	0.08	31.8	8.1	10	16.85	12.7
M359406		0.26	0.783	10.20	6.15	1385	800	1.51	6.22	1.83	39.5	38.2	15.4	18	14.45	102.5
M359407		5.14	0.021	0.20	6.46	4.2	2120	1.53	0.12	2.72	0.10	36.9	7.0	11	12.85	6.7
M359408		3.56	<0.005	0.12	6.56	3.8	2100	1.48	0.16	2.54	0.12	38.0	7.5	11	10.85	7.2
M359409		2.80	<0.005	0.12	6.51	3.3	2240	1.53	0.11	2.61	0.07	37.7	7.1	9	11.20	7.4
M359410		8.12	<0.005	0.13	6.97	3.1	2170	1.44	0.10	2.53	0.10	42.8	7.6	11	9.27	8.3
M359411		2.82	<0.005	0.07	6.27	3.0	2010	1.49	0.09	2.69	0.09	40.5	7.1	11	7.82	6.7
M359412		4.88	<0.005	0.05	6.86	2.5	2140	1.21	0.13	2.71	0.09	44.5	7.4	11	7.31	6.3
M359413		3.88	<0.005	0.07	6.67	3.2	2150	1.62	0.10	2.61	0.11	42.0	7.4	11	4.75	7.1



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**CERTIFICATE OF ANALYSIS WH12205103**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359378		2.89	18.15	0.17	1.8	0.034	2.71	21.4	20.6	0.81	692	0.90	2.44	9.3	2.4	600
M359379		3.00	18.35	0.23	1.6	0.032	2.53	29.9	23.6	0.85	717	1.11	2.42	9.2	2.7	610
M359380		2.91	17.95	0.22	1.4	0.034	2.45	25.9	23.4	0.82	697	1.09	2.38	8.9	2.6	590
M359381		2.96	18.00	0.20	1.6	0.035	2.61	27.2	26.5	0.83	697	1.45	2.41	8.9	4.4	590
M359382		2.92	17.50	0.19	1.4	0.031	2.61	23.3	24.0	0.83	705	0.73	2.39	8.3	2.6	610
M359383		5.22	16.40	0.17	1.4	0.915	2.99	21.1	27.2	0.70	2000	11.80	0.27	8.3	16.8	500
M359384		2.88	17.90	0.20	1.5	0.035	2.74	24.5	28.4	0.80	668	0.94	2.45	9.0	2.9	600
M359385		2.57	16.40	0.21	1.1	0.032	2.42	18.3	19.5	0.54	667	0.76	1.82	7.8	2.7	560
M359386		0.46	0.44	0.23	<0.1	<0.005	0.03	0.6	0.9	12.85	204	0.07	0.01	0.4	0.3	220
M359387		2.87	17.50	0.16	1.3	0.034	2.68	21.8	15.6	0.82	695	0.66	2.34	8.3	2.4	600
M359388		2.76	17.35	0.22	1.6	0.034	2.69	26.0	19.2	0.77	645	0.68	2.29	8.5	2.5	570
M359389		2.90	17.05	0.22	1.6	0.035	2.67	18.4	22.0	0.79	697	0.90	2.29	8.7	2.6	600
M359390		2.80	17.85	0.22	1.6	0.034	2.80	28.0	14.6	0.71	655	3.57	2.26	9.3	2.6	580
M359391		2.73	15.10	0.19	1.4	0.032	2.43	21.7	23.6	1.01	969	0.55	1.51	7.6	3.0	540
M359392		2.94	17.90	0.19	1.3	0.037	2.75	18.0	18.2	0.63	708	0.67	2.09	8.9	3.0	630
M359393		2.59	16.85	0.19	1.3	0.031	2.95	16.6	32.2	0.55	872	0.55	1.18	8.3	2.8	550
M359394		2.71	16.30	0.20	1.2	0.035	3.29	21.7	15.4	0.99	2040	0.59	0.08	7.5	2.6	510
M359395		2.46	16.90	0.23	1.5	0.032	2.97	16.6	62.5	0.58	799	0.57	0.23	8.4	2.4	560
M359396		0.48	0.48	0.26	<0.1	0.005	0.04	0.5	0.9	12.70	219	0.11	0.01	0.4	1.6	180
M359397		2.63	16.85	0.21	1.4	0.033	2.70	22.1	34.0	0.76	920	0.64	0.34	8.2	2.2	540
M359398		2.71	14.70	0.21	1.3	0.036	2.64	37.1	35.1	0.86	1240	0.83	0.25	8.0	2.5	540
M359399		2.67	15.70	0.21	1.4	0.036	2.70	44.2	29.9	0.80	1120	0.93	0.33	8.5	2.5	560
M359400		2.51	16.65	0.19	1.2	0.033	2.52	16.3	78.2	0.62	583	0.64	0.78	8.3	2.5	560
M359401		2.70	16.35	0.18	1.2	0.033	2.81	22.2	43.8	0.83	778	0.63	0.80	8.2	2.7	560
M359402		3.02	17.45	0.21	1.4	0.033	2.93	20.6	13.8	0.75	715	0.67	2.23	9.0	2.7	630
M359403		2.90	15.80	0.16	1.2	0.038	2.94	17.5	51.5	0.81	1350	0.76	0.35	8.1	2.5	600
M359404		2.87	15.05	0.16	1.1	0.038	2.54	15.6	45.7	0.86	836	0.45	1.06	7.1	2.5	550
M359405		3.00	15.25	0.14	1.2	0.039	2.55	14.3	22.7	0.77	834	0.62	1.67	7.3	2.9	650
M359406		5.07	14.50	0.14	1.2	0.744	2.71	19.7	23.3	0.67	1980	11.15	0.25	6.8	14.5	460
M359407		2.81	15.30	0.15	1.2	0.040	2.52	16.9	19.3	0.80	701	0.62	2.12	7.4	2.6	560
M359408		2.85	15.85	0.13	1.2	0.036	2.49	18.0	13.9	0.76	678	0.69	2.23	7.7	2.8	560
M359409		2.74	15.65	0.18	1.1	0.037	2.51	17.5	24.3	0.72	678	0.63	1.96	7.4	2.7	550
M359410		2.84	16.55	0.15	1.1	0.033	2.53	20.8	20.9	0.77	670	0.74	2.29	7.9	3.0	570
M359411		2.75	15.65	0.16	1.2	0.032	2.46	18.1	17.8	0.79	676	0.68	2.20	7.4	2.7	550
M359412		2.88	16.30	0.16	1.3	0.051	2.44	21.4	22.4	0.83	687	0.64	2.26	7.7	2.8	570
M359413		2.84	16.40	0.15	1.2	0.035	2.47	18.2	22.0	0.80	672	0.68	2.32	7.7	2.7	560



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**CERTIFICATE OF ANALYSIS WH12205103**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359378		19.2	99.1	<0.002	0.01	1.76	11.5	1	1.6	409	0.78	<0.05	12.9	0.256	0.88	3.8
M359379		19.7	106.5	<0.002	0.01	1.70	12.7	1	1.6	406	0.79	<0.05	13.9	0.261	0.84	5.4
M359380		20.2	98.3	<0.002	0.01	1.66	12.0	1	1.5	399	0.78	<0.05	12.6	0.256	0.80	4.6
M359381		21.2	104.5	<0.002	0.01	1.38	12.7	1	1.6	401	0.75	<0.05	14.5	0.260	0.86	4.7
M359382		18.4	98.7	<0.002	<0.01	1.23	12.0	1	1.5	410	0.67	<0.05	12.8	0.259	0.83	4.1
M359383		1430	168.5	0.002	3.17	33.4	9.6	2	6.0	148.5	0.65	0.27	12.1	0.208	2.48	4.8
M359384		19.2	105.0	<0.002	0.01	1.35	11.7	1	1.5	401	0.78	<0.05	14.0	0.252	0.86	4.5
M359385		11.9	98.9	<0.002	0.04	2.22	10.8	1	1.5	260	0.59	<0.05	11.5	0.234	0.87	2.9
M359386		1.3	1.4	<0.002	<0.01	<0.05	0.4	1	<0.2	49.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M359387		18.5	98.6	<0.002	0.01	2.01	10.5	1	1.6	373	0.68	<0.05	12.7	0.253	0.88	3.1
M359388		18.5	103.5	<0.002	0.03	1.72	10.7	1	1.6	384	0.76	<0.05	13.7	0.244	0.94	3.9
M359389		18.2	91.3	<0.002	0.01	2.18	11.3	1	1.6	387	0.68	<0.05	11.2	0.262	0.89	3.8
M359390		17.9	112.5	<0.002	0.02	3.37	11.5	1	1.6	349	0.79	<0.05	14.9	0.249	0.97	4.3
M359391		13.0	90.4	<0.002	0.01	6.79	9.2	1	1.5	270	0.62	<0.05	9.1	0.225	1.06	2.9
M359392		17.1	106.0	<0.002	0.01	5.82	11.7	1	1.6	364	0.67	<0.05	10.4	0.267	1.04	3.3
M359393		14.9	114.0	<0.002	0.05	15.00	10.0	1	1.5	261	0.72	<0.05	11.1	0.239	1.45	2.9
M359394		8.7	163.5	<0.002	0.24	34.8	10.2	1	1.3	144.0	0.61	<0.05	13.3	0.215	1.68	4.8
M359395		35.9	113.5	<0.002	0.06	19.50	10.0	1	1.4	205	0.71	<0.05	10.9	0.236	1.62	2.8
M359396		1.3	1.8	<0.002	<0.01	0.07	0.6	1	<0.2	41.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M359397		12.6	119.0	<0.002	0.07	14.75	9.8	1	1.4	162.0	0.72	<0.05	12.1	0.233	1.39	3.7
M359398		11.2	137.0	<0.002	0.17	22.2	11.1	1	1.5	173.0	0.66	<0.05	15.4	0.231	1.61	5.0
M359399		10.4	143.5	<0.002	0.15	21.4	11.9	1	1.6	166.5	0.69	<0.05	18.4	0.241	1.72	6.6
M359400		14.5	90.9	<0.002	0.01	8.35	10.4	1	1.5	262	0.64	<0.05	10.5	0.241	1.12	1.9
M359401		19.2	125.0	<0.002	0.07	9.39	11.5	1	1.4	232	0.61	<0.05	12.8	0.237	1.33	3.6
M359402		16.0	106.0	<0.002	0.01	3.74	11.8	1	1.5	393	0.68	<0.05	12.7	0.276	1.06	3.5
M359403		19.8	105.0	0.002	0.20	17.45	10.5	<1	1.7	188.5	0.61	0.05	11.0	0.288	1.58	3.6
M359404		15.3	80.6	<0.002	0.07	8.70	8.9	1	1.5	254	0.56	<0.05	9.0	0.246	1.24	3.2
M359405		18.0	86.3	0.002	0.03	7.33	10.2	<1	1.7	327	0.52	<0.05	8.5	0.287	1.26	2.7
M359406		1320	145.0	0.002	2.90	31.9	8.5	1	5.6	136.5	0.52	0.30	11.2	0.202	2.37	4.6
M359407		18.2	90.9	0.002	0.01	3.63	9.2	1	1.6	353	0.54	<0.05	10.5	0.250	1.00	2.9
M359408		18.4	91.0	<0.002	0.02	3.43	9.9	1	1.6	355	0.57	<0.05	11.2	0.253	0.97	3.2
M359409		18.0	88.1	<0.002	0.03	4.27	9.5	<1	1.6	333	0.53	<0.05	10.9	0.248	0.96	3.1
M359410		18.1	93.5	<0.002	0.01	2.56	10.3	1	1.7	367	0.58	<0.05	12.1	0.254	0.97	3.3
M359411		17.0	88.5	<0.002	0.01	2.79	9.3	1	1.7	341	0.58	<0.05	11.2	0.244	0.90	3.2
M359412		17.8	95.0	0.002	0.01	2.75	10.6	<1	1.7	361	0.61	<0.05	13.1	0.258	0.89	3.8
M359413		18.1	84.4	<0.002	<0.01	1.59	9.9	<1	1.7	363	0.58	<0.05	11.5	0.255	0.95	3.9





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**CERTIFICATE OF ANALYSIS WH12205103**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359378		69	0.9	18.3	62	44.6	<1
M359379		73	0.9	20.3	64	38.4	<1
M359380		70	0.9	18.9	62	33.5	<1
M359381		72	1.0	19.0	64	40.3	<1
M359382		72	0.8	17.7	59	32.0	<1
M359383		58	5.0	12.1	3060	40.5	10
M359384		69	1.8	17.7	61	35.2	<1
M359385		65	1.7	14.1	58	29.3	<1
M359386		2	0.1	0.8	16	<0.5	<1
M359387		70	1.0	16.7	59	31.1	<1
M359388		67	1.4	17.1	57	36.2	<1
M359389		74	1.3	16.3	60	43.0	<1
M359390		68	1.2	17.4	58	41.2	<1
M359391		62	1.7	14.2	57	35.7	<1
M359392		75	1.8	15.5	58	34.5	<1
M359393		65	1.6	13.6	52	32.9	<1
M359394		60	2.0	16.0	42	30.8	<1
M359395		65	1.6	13.7	59	37.9	<1
M359396		3	0.1	0.8	15	<0.5	<1
M359397		64	1.9	15.8	50	33.1	<1
M359398		63	1.3	16.3	52	32.1	<1
M359399		66	1.3	16.1	51	34.8	<1
M359400		67	1.3	12.9	47	31.4	<1
M359401		67	1.0	15.0	52	30.5	<1
M359402		76	1.1	15.8	60	37.7	<1
M359403		82	2.1	12.8	67	28.8	<1
M359404		67	1.4	11.6	53	27.2	<1
M359405		90	2.1	11.9	60	28.5	<1
M359406		56	4.9	10.1	2850	33.3	10
M359407		70	0.9	12.8	56	28.2	<1
M359408		72	0.8	13.6	54	30.9	<1
M359409		70	0.8	12.9	53	28.2	<1
M359410		69	0.8	14.6	52	29.7	<1
M359411		69	1.0	13.4	53	30.0	<1
M359412		72	1.1	15.2	56	31.9	<1
M359413		70	1.1	14.4	52	29.1	<1



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



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**CERTIFICATE WH12205104**

Project: Klaza-119

P.O. No.: Batch 6

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12205104**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M359414		8.99	<0.005	0.09	7.13	6.7	2300	1.46	0.11	2.20	0.08	46.6	6.5	11	6.75	6.0
M359415		5.42	<0.005	0.08	7.00	3.6	2160	1.41	0.08	2.28	0.10	45.2	6.4	11	6.85	9.7
M359416		2.70	<0.005	0.10	6.93	2.9	2270	1.45	0.09	2.34	0.10	42.2	6.8	11	7.18	6.0
M359417		0.26	0.793	9.75	6.63	1840	240	1.52	6.48	1.90	41.1	37.6	15.4	20	15.80	105.5
M359418		4.28	<0.005	0.11	7.12	4.1	1880	1.63	0.21	2.39	0.16	42.4	6.4	10	9.40	10.3
M359419		3.40	<0.005	0.07	6.68	3.7	1790	1.52	0.18	2.62	0.12	38.1	8.3	14	8.57	8.6
M359420		2.72	<0.005	0.01	0.10	<5	30	0.05	0.44	20.8	0.06	1.21	1.7	2	0.58	2.4
M359421		4.10	<0.005	0.09	6.51	3.3	1340	1.22	0.20	2.57	0.12	35.1	7.6	11	9.17	9.9
M359422		4.15	<0.005	0.09	6.12	6.3	1310	1.53	0.19	2.66	0.14	36.7	6.8	11	9.18	6.0
M359423		7.97	<0.005	0.09	6.62	4.5	1850	1.49	0.17	2.37	0.08	37.2	7.1	13	9.64	9.9
M359424		8.84	<0.005	0.08	6.83	3.8	2110	1.39	0.13	2.51	0.09	40.6	7.7	12	7.85	7.1
M359425		4.70	<0.005	0.08	7.28	4.6	2230	1.62	0.13	2.69	0.09	43.4	8.0	13	9.06	7.9
M359426		<0.02	<0.005	0.24	7.12	4.6	2190	1.52	0.14	2.64	0.09	43.7	8.0	12	8.85	9.0
M359427		3.85	<0.005	0.09	7.19	4.7	2110	1.39	0.10	2.60	0.09	43.4	7.8	11	7.68	8.1
M359428		3.98	<0.005	0.09	7.18	3.5	1900	1.42	0.14	2.84	0.11	45.6	8.1	13	6.61	12.1
M359429		4.94	<0.005	0.07	7.13	4.0	1310	1.36	0.17	2.76	0.11	45.9	8.1	12	8.30	10.2
M359430		5.56	<0.005	0.09	7.00	4.6	1970	1.65	0.12	2.67	0.11	37.9	7.8	14	6.46	9.2
M359431		3.00	<0.005	0.01	0.09	<5	30	0.06	0.02	21.6	0.06	1.09	0.7	<1	0.34	4.8
M359432		7.06	<0.005	0.08	7.22	10.0	2120	1.66	0.17	2.60	0.10	44.7	8.2	11	6.03	8.1
M359433		2.56	<0.005	0.07	7.06	6.1	2190	1.46	0.07	2.51	0.09	43.7	7.8	15	4.05	6.5



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 Account: ROCKHA

Project: Klaza-119

**CERTIFICATE OF ANALYSIS WH12205104**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
M359414		2.66	14.70	0.12	1.3	0.035	2.52	24.3	25.1	0.86	618	0.76	2.48	7.8	2.6	550
M359415		2.63	14.30	0.13	1.2	0.038	2.48	24.0	21.5	0.77	594	0.76	2.23	7.5	2.5	540
M359416		2.71	15.20	0.12	1.4	0.034	2.53	21.0	26.4	0.77	607	1.03	2.28	8.1	3.1	550
M359417		5.31	14.20	0.16	1.3	0.897	2.94	18.8	25.2	0.69	1980	12.45	0.28	7.7	15.6	500
M359418		2.74	14.60	0.12	1.7	0.033	2.81	21.5	16.2	0.79	627	0.75	1.95	9.0	2.6	540
M359419		2.75	17.15	0.18	1.5	0.031	2.81	18.3	17.1	0.71	695	0.23	1.67	8.4	2.7	540
M359420		0.48	0.50	0.43	<0.1	<0.005	0.05	0.6	1.4	12.95	210	0.24	0.01	0.5	3.5	160
M359421		2.80	16.40	0.13	1.5	0.031	2.73	16.7	20.8	0.80	700	0.26	1.44	8.3	2.1	540
M359422		2.43	14.00	0.14	1.7	0.040	2.42	17.0	17.8	0.65	659	0.30	1.57	8.0	2.5	470
M359423		2.67	15.20	0.16	1.4	0.039	2.77	17.1	23.9	0.67	652	0.63	1.78	8.1	2.6	560
M359424		2.91	15.00	0.14	1.4	0.035	2.69	19.3	15.4	0.77	696	0.60	2.17	7.6	2.6	580
M359425		2.95	15.80	0.17	1.6	0.041	2.77	20.3	23.4	0.78	685	0.61	2.45	8.1	2.7	600
M359426		2.95	15.55	0.13	1.5	0.039	2.70	20.6	23.7	0.77	679	0.68	2.40	8.1	2.8	600
M359427		2.95	15.55	0.13	1.3	0.032	2.68	20.5	20.2	0.76	667	0.80	2.32	7.7	2.6	590
M359428		2.92	15.15	0.14	1.3	0.040	2.61	22.6	14.1	0.81	691	0.77	2.03	8.0	2.8	620
M359429		2.95	15.70	0.16	1.6	0.035	2.31	22.3	14.7	0.76	638	0.83	2.10	8.3	2.9	590
M359430		2.99	15.85	0.16	1.6	0.034	2.60	17.4	14.6	0.76	682	0.75	2.22	8.5	2.8	600
M359431		0.51	0.27	0.10	<0.1	0.010	0.05	0.5	1.3	13.00	224	<0.05	0.01	0.2	2.4	190
M359432		2.97	16.10	0.12	1.6	0.042	2.76	20.2	16.9	0.81	717	0.68	2.43	8.6	2.6	590
M359433		2.88	15.55	0.13	1.6	0.037	2.63	20.2	15.3	0.80	702	0.79	2.45	8.4	2.7	580



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**CERTIFICATE OF ANALYSIS WH12205104**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359414		17.3	104.5	<0.002	0.01	1.76	9.9	1	1.5	432	0.61	<0.05	12.8	0.243	0.90	3.8
M359415		16.8	104.5	<0.002	0.01	2.08	9.6	1	1.5	379	0.57	<0.05	12.9	0.235	0.86	3.9
M359416		18.6	99.7	<0.002	0.01	2.20	10.2	1	1.5	385	0.63	<0.05	11.9	0.243	0.90	4.1
M359417		1365	150.5	<0.002	3.07	32.3	8.2	1	5.7	150.0	0.59	0.68	10.9	0.211	2.38	4.9
M359418		18.6	129.0	<0.002	0.02	6.32	9.2	1	1.6	288	0.87	<0.05	13.6	0.228	1.14	4.4
M359419		15.1	111.5	<0.002	0.04	5.41	10.6	1	1.7	202	0.76	<0.05	10.1	0.244	1.28	3.2
M359420		1.3	3.4	<0.002	<0.01	<0.05	0.4	1	<0.2	46.3	<0.05	<0.05	<0.2	0.005	0.02	0.6
M359421		14.9	102.5	<0.002	0.05	6.12	9.3	1	1.7	187.5	0.70	<0.05	10.1	0.246	1.38	3.5
M359422		13.2	98.2	0.003	0.05	5.95	8.3	<1	1.6	197.5	0.95	0.06	12.3	0.211	1.22	5.8
M359423		19.4	101.0	<0.002	0.02	6.56	9.6	1	1.8	338	0.77	<0.05	10.9	0.243	1.18	4.4
M359424		19.8	95.5	0.002	0.01	4.57	10.1	<1	1.7	361	0.69	<0.05	10.5	0.251	1.06	3.8
M359425		17.7	99.8	0.002	<0.01	1.83	11.1	1	1.7	405	0.67	<0.05	11.4	0.266	1.03	4.2
M359426		17.7	98.6	<0.002	<0.01	1.88	11.0	1	1.7	396	0.67	<0.05	11.8	0.265	1.01	4.2
M359427		17.4	94.1	<0.002	0.01	1.58	10.5	1	1.7	365	0.64	<0.05	10.8	0.255	0.97	3.7
M359428		16.5	106.5	<0.002	0.01	1.92	11.3	<1	1.6	272	0.59	<0.05	12.1	0.263	1.00	3.5
M359429		18.1	99.4	<0.002	0.01	3.44	10.8	1	1.6	226	0.74	0.05	12.7	0.248	1.02	4.1
M359430		21.7	94.9	<0.002	0.01	1.79	10.4	1	1.5	335	0.85	<0.05	10.8	0.253	0.95	5.5
M359431		1.4	2.4	<0.002	<0.01	0.06	0.2	<1	<0.2	43.5	<0.05	<0.05	<0.2	0.005	0.03	0.6
M359432		19.8	97.5	0.002	0.02	2.35	10.5	1	1.5	400	0.76	<0.05	12.5	0.260	1.04	4.7
M359433		18.7	94.4	0.002	0.01	1.49	10.4	1	1.6	381	0.77	0.05	11.5	0.256	0.91	4.5



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**CERTIFICATE OF ANALYSIS    WH12205104**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
		V	W	Y	Zn	Zr	Ag
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 1
M359414		66	0.7	15.9	48	31.2	<1
M359415		66	0.9	15.4	49	30.9	<1
M359416		67	0.8	15.5	49	33.5	<1
M359417		59	5.1	10.5	3020	38.3	10
M359418		61	1.7	14.7	53	40.1	<1
M359419		67	2.0	11.9	54	36.1	<1
M359420		4	0.1	1.0	13	<0.5	<1
M359421		68	1.9	12.5	55	37.1	<1
M359422		59	1.6	12.3	48	37.9	<1
M359423		65	1.3	13.1	53	35.6	<1
M359424		71	2.1	13.3	54	35.4	<1
M359425		73	1.3	15.1	54	39.8	<1
M359426		72	1.3	15.2	54	38.9	<1
M359427		70	1.3	14.4	52	35.9	<1
M359428		74	1.3	15.1	51	35.2	<1
M359429		70	1.8	15.0	51	40.1	<1
M359430		73	1.1	15.5	52	38.8	<1
M359431		3	0.1	0.8	14	<0.5	<1
M359432		71	2.3	16.0	57	42.8	<1
M359433		72	1.4	16.0	54	38.6	<1

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



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**CERTIFICATE OF ANALYSIS WH12205104**

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





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**CERTIFICATE WH12205105**

Project: Klaza TR-12-23 Batch 1

P.O. No.: Batch 1

This report is for 28 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza TR-12-23 Batch 1

**CERTIFICATE OF ANALYSIS WH12205105**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815528		3.30	0.025	1.69	5.95	830	460	0.93	2.25	0.37	1.43	46.9	5.8	8	22.6	219
N815529		5.70	0.655	29.6	3.20	677	720	0.69	42.7	0.08	6.87	18.25	10.1	8	7.82	112.0
N815530		3.91	0.721	37.2	2.57	397	620	0.47	33.6	0.08	1.55	18.55	9.0	12	4.88	34.5
N815531		3.00	0.364	16.60	5.76	895	1030	0.88	31.0	0.24	1.39	45.4	1.7	8	9.65	120.5
N815532		4.23	0.221	11.60	5.44	829	420	0.64	24.9	0.27	3.22	41.7	4.5	8	11.55	234
N815533		4.78	1.510	50.3	3.63	452	860	0.52	32.2	0.19	0.70	30.8	1.9	8	8.42	44.9
N815534		4.78	0.120	7.08	7.72	1140	1120	1.27	3.20	0.22	3.22	55.7	3.1	10	15.30	285
N815535		6.12	0.066	5.19	7.82	347	1620	1.62	2.71	0.24	19.40	54.8	13.9	9	17.75	109.0
N815536		4.84	0.041	4.88	8.03	179.5	1500	1.68	0.89	0.25	24.8	49.8	10.7	9	23.4	42.5
N815537		4.35	0.101	10.40	7.25	304	1920	1.96	1.25	0.40	18.90	51.4	9.0	8	28.0	56.0
N815538		4.10	0.038	3.76	7.07	156.0	2780	2.16	0.58	0.75	9.70	61.8	7.0	14	27.7	23.8
N815539		4.12	0.007	0.58	8.02	53.9	670	2.33	0.30	0.50	1.71	74.0	8.0	14	39.5	5.5
N815540		0.25	1.405	36.8	7.48	506	1220	1.76	1.29	0.29	30.7	69.1	5.8	17	3.22	132.0
N815541		3.58	0.050	4.29	7.55	123.5	740	1.99	1.74	0.99	14.65	64.4	9.5	13	30.7	217
N815542		3.52	0.215	21.3	6.70	317	1360	1.85	3.43	0.36	29.7	51.8	13.2	14	27.9	363
N815543		3.24	0.058	4.12	7.33	602	1170	1.83	1.50	0.13	17.85	54.1	5.0	10	22.3	1285
N815544		6.01	0.715	30.1	5.27	572	620	0.81	3.02	0.05	2.49	43.5	0.5	8	6.49	36.8
N815545		6.24	0.533	16.95	6.01	448	530	0.82	2.74	0.09	1.92	51.0	0.5	7	8.33	30.5
N815546		6.67	0.595	25.1	6.40	3590	1260	0.96	2.31	0.12	3.68	42.5	0.4	7	10.60	58.5
N815547		3.86	0.693	59.1	6.16	3070	1680	1.00	20.9	0.12	14.70	43.1	1.0	8	11.00	240
N815548		4.38	2.60	95.4	6.02	7120	840	0.77	5.81	0.17	2.32	46.6	0.3	11	11.95	185.0
N815549		4.67	1.785	49.0	4.29	651	860	0.71	98.9	0.11	3.21	36.3	0.7	8	8.24	61.4
N815550		4.55	5.46	82.6	4.83	385	1150	0.78	124.5	0.10	2.65	34.4	0.5	9	9.17	41.9
N815551		2.29	0.010	0.54	0.06	10	40	0.07	0.59	20.1	0.07	1.01	0.5	<1	0.14	1.9
N815552		4.26	0.083	7.97	7.01	565	1800	1.28	4.06	0.46	6.13	40.9	4.6	8	13.55	325
N815553		3.26	0.107	10.00	7.04	1150	990	0.96	6.32	0.15	24.9	39.4	4.1	10	17.35	714
N815554		3.38	0.304	12.15	3.46	703	6700	0.61	14.75	0.06	18.75	23.5	2.7	10	8.30	366
N815555		3.50	0.175	6.01	6.97	261	940	0.85	3.26	0.08	6.39	55.3	0.7	10	13.40	74.7



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Project: Klaza TR-12-23 Batch 1

**CERTIFICATE OF ANALYSIS WH12205105**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N815528		10.20	18.00	0.15	1.0	1.380	3.27	28.1	16.9	0.23	240	1.00	0.36	6.7	1.9	590
N815529		5.58	8.75	0.14	0.5	0.530	1.47	14.1	14.6	0.11	116	11.30	0.05	3.5	1.2	240
N815530		3.31	6.71	0.12	0.5	0.294	1.23	11.6	14.4	0.09	131	5.44	0.05	3.3	1.5	140
N815531		5.85	15.70	0.16	0.8	1.305	2.99	27.9	9.2	0.22	232	2.10	0.11	7.1	1.2	330
N815532		9.06	15.15	0.16	0.8	1.300	2.81	22.4	9.7	0.20	147	5.08	0.05	6.6	1.4	380
N815533		5.55	9.84	0.16	0.9	0.419	1.86	17.5	15.6	0.13	149	1.60	0.08	4.8	1.1	190
N815534		6.40	17.25	0.14	1.0	0.889	3.46	33.5	14.2	0.23	317	0.89	0.04	6.9	1.9	660
N815535		5.26	17.55	0.20	1.1	0.301	3.56	33.0	22.7	0.22	5470	1.23	0.08	7.3	4.0	610
N815536		4.83	18.30	0.19	1.1	0.209	3.44	27.6	12.7	0.24	7190	1.08	0.03	8.3	3.7	640
N815537		3.11	16.70	0.18	1.2	0.109	2.82	27.4	24.8	0.22	3200	1.96	0.03	8.0	3.7	620
N815538		2.56	19.40	0.16	2.9	0.082	1.99	32.7	80.6	0.15	1200	2.32	0.03	11.7	4.8	950
N815539		2.60	21.7	0.19	2.7	0.029	2.89	40.5	46.5	0.14	963	1.17	0.05	13.1	4.4	920
N815540		5.55	23.4	0.20	2.3	0.207	3.53	35.0	23.7	0.28	1040	5.83	0.07	12.0	7.0	1700
N815541		2.99	20.1	0.18	2.5	0.114	2.61	34.4	42.2	0.16	1560	21.2	0.06	11.7	4.1	880
N815542		5.34	17.45	0.18	2.4	0.174	2.40	29.9	29.4	0.23	1320	3.38	0.03	8.6	6.2	790
N815543		6.71	16.95	0.22	1.4	0.722	2.87	31.4	28.0	0.20	305	3.56	0.03	7.5	2.4	740
N815544		2.47	14.70	0.16	0.9	0.818	2.68	26.6	18.2	0.16	103	4.93	0.02	6.2	1.2	290
N815545		1.88	16.20	0.19	1.0	0.792	2.80	30.5	14.2	0.18	134	5.20	0.02	7.5	0.8	280
N815546		2.56	16.70	0.15	1.0	1.515	2.94	24.0	12.6	0.20	161	5.16	0.03	7.5	0.7	430
N815547		3.38	17.45	0.14	2.0	1.455	1.66	26.8	38.1	0.13	122	6.75	0.03	10.6	1.1	390
N815548		4.50	18.15	0.16	0.9	2.98	3.00	28.7	10.8	0.22	143	2.00	0.02	6.5	0.7	540
N815549		5.08	11.55	0.16	1.0	0.929	2.52	21.3	14.4	0.13	128	1.58	0.06	6.4	1.1	190
N815550		3.55	11.00	0.14	1.2	0.930	2.51	20.5	13.3	0.15	97	1.23	0.04	5.9	0.8	170
N815551		0.46	0.18	0.15	<0.1	0.012	0.02	0.5	1.0	11.95	187	0.08	<0.01	0.1	1.4	190
N815552		5.51	17.05	0.17	1.2	1.185	3.05	23.4	20.8	0.32	214	0.94	0.48	7.2	2.7	570
N815553		7.26	18.10	0.16	1.0	1.090	2.70	25.5	21.4	0.13	131	4.38	0.03	8.0	2.8	690
N815554		5.00	7.98	0.11	0.6	0.534	1.41	17.4	23.6	0.09	201	3.37	<0.01	4.1	1.8	250
N815555		2.00	17.00	0.12	1.3	0.275	3.02	31.9	12.9	0.21	194	0.87	0.02	9.7	1.1	150



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**CERTIFICATE OF ANALYSIS WH12205105**

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



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Project: Klaza TR-12-23 Batch 1

**CERTIFICATE OF ANALYSIS WH12205105**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815528		65	2.2	7.1	488	26.7	1
N815529		39	3.6	6.8	336	12.9	27
N815530		27	2.9	3.3	199	13.2	35
N815531		59	4.5	4.9	281	22.2	15
N815532		61	3.1	4.6	397	18.7	10
N815533		40	4.0	3.2	124	16.2	47
N815534		79	3.8	6.1	738	23.6	6
N815535		71	3.4	17.4	1680	26.2	5
N815536		83	5.4	14.7	1600	26.4	5
N815537		70	8.7	14.3	1300	34.5	9
N815538		61	5.3	13.2	782	112.0	3
N815539		57	2.0	14.0	245	97.8	<1
N815540		143	3.9	18.5	2360	64.5	34
N815541		56	2.7	13.7	1240	96.3	4
N815542		59	4.1	13.7	2420	104.5	19
N815543		69	5.6	9.5	2080	41.1	3
N815544		52	6.0	3.6	107	21.6	28
N815545		61	6.2	3.6	187	24.8	16
N815546		63	6.1	3.3	193	24.6	23
N815547		45	7.8	6.5	364	69.3	61
N815548		63	6.9	3.9	152	23.6	102
N815549		38	5.1	4.3	130	26.8	49
N815550		41	3.7	3.3	80	22.9	90
N815551		2	0.1	0.7	13	<0.5	<1
N815552		66	1.7	8.9	824	30.2	7
N815553		70	4.0	15.9	1390	32.9	9
N815554		34	2.4	6.5	756	17.1	12
N815555		68	6.9	7.0	245	37.0	6



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**CERTIFICATE OF ANALYSIS WH12205105**

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



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**CERTIFICATE WH12205106**

Project: Klaza TR-12-39 Batch 1

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12205106**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815556		3.32	0.214	6.85	7.07	210	1390	1.50	7.27	0.26	1.79	61.8	12.4	19	10.20	1030
N815557		4.59	0.318	5.17	6.24	263	890	1.25	7.72	0.11	1.87	57.8	6.2	17	9.84	775
N815558		4.16	0.243	4.96	7.43	274	890	1.45	6.74	0.09	1.87	56.8	8.1	15	9.71	749
N815559		3.97	0.106	2.98	7.37	138.0	1400	1.42	3.36	0.09	1.52	57.1	16.0	12	22.4	832
N815560		3.83	0.113	1.89	8.05	59.5	1700	1.19	1.98	0.09	0.74	51.2	5.7	11	17.05	372
N815561		4.05	0.150	2.03	7.47	175.5	3050	1.50	1.63	0.16	2.17	73.2	17.6	15	11.10	1205
N815562		3.30	0.090	2.45	7.69	108.5	1420	1.31	1.46	0.11	1.04	47.7	5.2	10	36.3	565
N815563		3.30	0.139	3.70	7.41	160.0	1030	1.27	1.91	0.11	1.09	51.5	7.8	10	36.2	401
N815564		4.07	0.132	2.54	8.20	126.0	2010	1.27	1.09	0.10	1.42	62.5	10.5	13	13.00	694
N815565		3.96	0.098	2.28	7.49	170.0	1500	1.25	0.71	0.08	1.30	52.7	10.9	12	12.45	543
N815566		3.84	0.309	6.90	5.73	367	750	1.31	3.41	0.06	1.52	58.1	8.2	20	14.15	639
N815567		3.91	0.264	2.30	8.17	101.5	2190	1.23	1.10	0.19	1.61	57.5	13.7	14	9.68	1130
N815568		4.16	0.141	2.54	8.30	68.7	2230	1.37	1.27	0.21	1.59	45.6	13.2	13	11.90	1195
N815569		3.75	0.189	2.25	8.08	175.0	1560	1.41	1.15	0.06	1.63	56.4	11.2	14	9.89	746
N815570		4.39	0.083	1.76	8.19	76.5	1860	1.63	1.15	0.11	1.41	54.4	12.0	14	9.65	1425
N815571		3.47	0.080	1.64	7.93	172.5	1480	1.59	1.50	0.09	1.62	52.9	9.7	13	10.90	1540
N815572		4.00	0.095	1.67	8.44	201	1500	1.75	2.03	0.11	2.05	66.0	10.3	16	11.15	1775
N815573		3.72	0.086	1.45	8.37	93.7	1770	1.67	1.12	0.15	1.59	84.0	14.2	13	8.92	1595
N815574		4.62	0.119	1.73	8.08	160.5	1470	1.71	2.34	0.12	2.13	53.3	15.3	14	11.10	1985
N815575		3.97	0.073	1.95	8.67	152.5	2080	2.07	1.53	0.20	2.86	54.4	24.4	15	18.45	2370
N815576		4.00	0.036	2.18	8.48	116.0	1930	1.82	3.23	0.12	1.96	63.9	15.2	17	15.65	1365
N815577		4.77	0.043	3.44	8.58	60.5	1110	1.76	7.55	0.05	0.54	52.4	6.3	15	16.20	260
N815578		4.45	0.051	1.20	8.40	130.5	1780	1.83	1.61	0.18	1.87	65.9	14.2	15	14.55	1535
N815579		4.68	0.071	1.21	8.81	115.0	3130	1.60	1.69	0.23	1.51	60.6	13.7	22	12.85	1240
N815580		2.86	0.046	1.08	8.58	50.3	1890	2.13	0.83	0.21	1.03	69.0	9.5	20	22.8	1280
N815581		3.00	<0.005	0.02	0.06	<5	20	0.06	0.02	21.8	0.06	1.20	1.3	<1	0.14	8.2
N815582		2.64	0.056	1.21	8.05	62.1	5600	1.80	2.61	0.32	1.15	69.7	12.0	14	11.10	836
N815583		3.45	0.051	2.17	7.63	164.0	1510	1.61	8.54	0.11	1.82	74.3	7.1	13	12.45	1365
N815584		5.26	0.099	2.11	8.27	232	1790	1.86	4.81	0.16	1.98	70.1	16.4	15	10.60	1770
N815585		0.26	1.545	34.3	8.05	563	1310	1.90	1.28	0.29	30.1	74.3	5.9	18	3.49	144.5
N815586		6.43	0.066	1.02	8.71	128.5	1970	1.89	0.91	0.25	1.57	69.3	11.0	15	12.60	1260
N815587		4.79	0.076	1.09	8.36	135.0	2690	1.96	0.95	0.20	1.52	77.9	15.2	15	15.55	1075
N815588		2.70	0.069	2.49	7.40	157.0	1110	2.18	8.33	0.09	1.90	72.1	7.8	12	16.75	1395
N815589		6.05	0.061	1.04	8.17	60.2	2020	2.09	1.07	0.14	1.17	84.4	8.7	14	12.15	1025
N815590		4.32	0.060	1.04	7.96	88.3	1690	2.51	1.67	0.13	1.50	78.0	8.7	17	21.3	1215
N815591		3.74	0.029	0.85	8.15	62.4	1640	2.37	0.74	0.18	0.91	84.1	12.1	26	27.5	729





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**CERTIFICATE OF ANALYSIS WH12205106**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815556		3.74	18.35	0.16	1.0	0.587	3.58	31.5	28.4	0.36	937	70.9	0.35	6.6	7.3	730
N815557		3.46	16.90	0.17	0.9	0.523	2.91	30.4	24.9	0.31	714	90.9	0.13	5.1	4.7	550
N815558		2.99	22.0	0.15	1.1	0.201	3.40	28.8	24.3	0.36	761	69.3	0.14	5.8	5.1	550
N815559		3.03	19.40	0.16	1.0	0.242	3.41	31.4	40.3	0.32	1020	59.7	0.09	6.2	5.2	470
N815560		2.05	22.0	0.14	1.2	0.111	4.11	29.6	25.3	0.26	441	44.0	0.13	8.8	3.1	390
N815561		3.83	19.00	0.19	1.0	0.161	3.71	35.7	26.7	0.35	1270	100.0	0.27	6.1	8.3	820
N815562		2.67	20.4	0.14	1.1	0.164	3.47	26.9	32.6	0.26	317	44.5	0.11	7.6	4.4	470
N815563		2.13	18.80	0.13	1.0	0.135	2.54	29.5	41.6	0.27	724	58.3	0.08	6.5	3.8	400
N815564		2.89	21.9	0.18	1.2	0.191	4.57	33.4	38.9	0.29	979	58.7	0.17	7.7	4.4	540
N815565		2.16	20.7	0.15	1.1	0.181	3.63	27.7	28.9	0.28	1020	52.5	0.11	7.6	3.3	390
N815566		2.24	18.05	0.17	0.9	0.397	2.34	32.4	55.2	0.28	819	89.9	0.06	5.3	3.4	530
N815567		3.12	20.7	0.19	1.0	0.148	4.12	29.3	34.1	0.41	1150	47.2	0.25	7.3	8.2	750
N815568		4.02	22.2	0.22	0.9	0.197	4.44	25.6	25.5	0.61	1120	54.5	0.38	7.2	10.5	700
N815569		2.86	19.30	0.16	0.8	0.154	3.93	26.6	44.8	0.32	1700	79.6	0.16	5.6	4.6	460
N815570		3.66	18.35	0.21	0.9	0.186	4.99	27.6	24.0	0.32	527	58.1	0.35	5.0	6.6	800
N815571		3.58	16.40	0.20	0.8	0.137	4.17	27.8	31.9	0.29	323	65.1	0.13	5.0	8.5	750
N815572		4.27	17.50	0.21	0.7	0.155	4.56	35.2	32.7	0.31	299	89.0	0.13	5.2	8.8	970
N815573		3.51	15.45	0.23	1.1	0.087	4.75	42.8	38.7	0.25	485	46.0	0.18	5.5	10.0	990
N815574		4.84	15.25	0.22	0.6	0.120	4.43	28.9	31.6	0.23	467	65.5	0.15	5.7	12.4	960
N815575		4.93	16.05	0.24	0.7	0.145	5.43	27.1	31.2	0.27	1650	75.7	0.18	6.3	14.9	1200
N815576		5.06	17.25	0.23	0.7	0.157	4.80	33.9	34.2	0.37	488	61.1	0.16	6.9	10.8	1000
N815577		2.16	18.70	0.17	0.7	0.242	4.39	27.8	20.4	0.52	204	22.2	0.07	7.2	3.0	280
N815578		4.22	18.05	0.23	0.9	0.088	4.32	33.7	67.3	0.27	311	45.8	0.22	7.1	10.6	970
N815579		3.95	19.20	0.22	1.0	0.058	4.29	30.8	38.4	0.42	306	58.4	0.38	7.5	11.5	920
N815580		3.07	17.65	0.24	1.1	0.076	4.50	36.2	60.6	0.38	137	39.1	0.15	6.3	11.2	880
N815581		0.47	0.27	0.07	<0.1	<0.005	0.02	0.5	1.0	13.35	202	0.36	<0.01	0.3	2.2	190
N815582		3.77	16.90	0.19	1.2	0.119	4.75	35.2	27.2	0.44	351	36.7	1.28	7.0	6.8	950
N815583		5.81	15.90	0.27	1.1	0.391	4.32	40.9	19.8	0.31	196	91.0	0.19	4.8	6.8	870
N815584		4.15	17.30	0.21	1.0	0.089	4.42	36.1	44.6	0.22	460	58.7	0.18	4.9	11.1	960
N815585		5.60	23.4	0.26	2.5	0.250	3.67	35.1	25.4	0.29	1080	6.11	0.08	12.8	7.8	1840
N815586		3.82	20.0	0.22	1.1	0.084	3.53	35.5	57.4	0.30	204	46.0	0.54	6.6	9.4	1020
N815587		3.59	19.50	0.22	1.5	0.095	3.97	40.7	32.2	0.31	412	45.4	0.62	6.5	7.2	830
N815588		6.36	17.70	0.25	1.6	0.289	3.82	39.0	15.5	0.33	236	130.5	0.21	4.2	5.7	840
N815589		3.36	17.80	0.23	1.8	0.078	4.75	44.0	27.8	0.26	275	39.8	0.88	5.0	5.3	690
N815590		4.09	17.60	0.25	2.4	0.075	4.32	41.9	36.6	0.30	244	54.3	0.16	5.6	9.1	710
N815591		2.73	18.35	0.22	3.7	0.058	3.41	45.5	44.0	0.32	416	31.7	0.07	8.9	11.4	620



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Project: Klaza TR-12-39 Batch 1

**CERTIFICATE OF ANALYSIS WH12205106**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815556		667	145.5	0.002	0.08	80.7	10.0	2	5.5	148.0	0.49	0.31	12.9	0.218	1.79	5.0
N815557		625	134.0	0.002	0.13	108.0	7.8	3	8.7	80.8	0.40	0.30	11.3	0.169	1.79	4.1
N815558		365	166.5	0.006	0.08	139.5	9.3	2	15.4	88.8	0.46	0.22	12.3	0.195	1.79	4.3
N815559		130.5	148.5	0.002	0.09	65.0	9.3	2	5.3	105.5	0.48	0.15	11.7	0.199	2.00	4.5
N815560		55.2	155.5	<0.002	0.09	15.95	9.4	1	4.8	157.0	0.69	0.11	11.7	0.250	1.84	2.9
N815561		59.2	138.5	0.002	0.09	59.5	10.7	2	3.5	173.0	0.46	0.15	14.5	0.211	1.57	5.7
N815562		69.6	132.5	<0.002	0.09	44.8	9.5	2	3.3	145.5	0.61	0.11	14.6	0.232	1.58	3.9
N815563		110.5	116.5	<0.002	0.14	72.1	8.5	2	4.1	150.5	0.51	0.11	11.9	0.206	1.37	3.2
N815564		68.4	161.5	<0.002	0.09	41.9	10.4	2	2.7	173.0	0.58	0.09	15.7	0.232	1.96	3.6
N815565		454	153.0	<0.002	0.11	64.0	8.8	2	4.8	118.0	0.59	0.06	11.0	0.220	1.92	3.7
N815566		2720	139.0	0.003	0.14	212	7.1	2	14.8	54.2	0.40	0.23	11.5	0.152	1.62	3.3
N815567		59.4	140.0	0.002	0.04	33.2	11.1	2	2.6	168.0	0.56	0.09	14.6	0.236	1.55	4.8
N815568		74.1	148.5	<0.002	0.06	18.30	11.6	2	2.3	181.0	0.55	0.11	16.2	0.240	1.65	5.6
N815569		88.1	161.5	0.002	0.08	64.6	10.2	2	3.8	111.0	0.46	0.09	12.3	0.225	2.00	3.7
N815570		54.5	168.0	<0.002	0.03	21.4	11.6	2	3.3	179.0	0.42	0.10	16.3	0.207	1.93	5.7
N815571		43.8	151.5	0.002	0.02	37.1	12.1	2	4.2	117.5	0.41	0.12	15.6	0.205	1.66	5.8
N815572		53.6	175.0	0.002	0.02	48.6	14.7	2	7.5	126.5	0.39	0.15	13.5	0.242	1.89	5.7
N815573		39.4	157.0	0.002	0.02	47.6	13.0	2	4.2	170.0	0.41	0.12	17.0	0.227	1.70	5.6
N815574		47.7	153.0	0.002	0.02	92.9	14.6	2	5.2	164.5	0.42	0.11	12.5	0.262	1.52	6.0
N815575		47.8	162.0	0.003	0.02	39.4	15.9	2	3.8	222	0.47	0.14	13.0	0.278	2.32	7.4
N815576		137.5	193.0	<0.002	0.27	45.1	15.5	2	3.8	203	0.47	0.24	11.6	0.308	2.20	5.1
N815577		354	217	<0.002	0.33	16.60	15.1	2	17.3	83.6	0.51	0.23	6.8	0.322	2.83	1.7
N815578		36.8	168.0	0.002	0.01	34.5	13.0	2	3.7	170.0	0.54	0.18	15.4	0.268	1.76	5.4
N815579		48.2	161.0	0.007	0.05	21.4	13.0	2	3.4	213	0.58	0.11	14.8	0.286	1.63	4.8
N815580		53.2	176.5	0.002	0.01	21.6	11.9	2	2.6	147.0	0.48	0.10	16.6	0.241	1.85	5.1
N815581		1.5	1.2	<0.002	<0.01	0.21	0.2	1	<0.2	45.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N815582		64.9	167.5	0.003	0.14	7.54	10.8	2	2.8	337	0.59	0.12	18.8	0.243	1.66	4.0
N815583		269	172.0	0.002	0.07	18.75	10.1	3	14.8	109.0	0.39	0.37	16.9	0.181	1.98	5.2
N815584		76.8	157.5	0.003	0.03	70.9	11.9	2	7.0	147.0	0.39	0.25	17.0	0.199	1.55	6.2
N815585		4230	183.0	0.005	0.64	69.6	15.0	4	22.4	411	0.85	0.31	7.3	0.440	2.00	3.8
N815586		68.2	147.5	0.002	0.03	27.8	12.4	2	2.9	180.5	0.52	0.11	17.1	0.258	1.56	5.4
N815587		44.6	152.5	0.002	0.05	18.10	10.9	2	2.7	210	0.52	0.13	20.3	0.224	1.65	5.4
N815588		304	161.0	<0.002	0.04	18.55	8.0	2	11.2	85.4	0.35	0.26	23.0	0.129	2.16	7.2
N815589		61.3	171.0	0.002	0.03	14.50	8.4	2	2.7	193.0	0.46	0.12	24.2	0.154	2.01	4.9
N815590		54.5	173.0	0.003	0.02	42.5	8.5	2	4.2	119.5	0.48	0.20	23.5	0.163	2.20	6.4
N815591		25.7	146.0	<0.002	0.06	32.3	7.4	2	2.0	93.6	0.68	0.11	17.7	0.231	1.86	7.7



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Project: Klaza TR-12-39 Batch 1

**CERTIFICATE OF ANALYSIS WH12205106**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815556		84	5.5	18.7	197	35.5	7
N815557		71	7.7	13.0	169	32.7	5
N815558		82	7.0	12.7	161	36.4	5
N815559		80	5.5	16.1	228	35.1	3
N815560		83	4.6	12.0	67	39.5	2
N815561		87	5.3	21.2	195	37.8	2
N815562		82	3.9	13.8	128	39.0	3
N815563		76	4.3	11.7	97	36.9	4
N815564		88	3.8	16.1	170	41.7	2
N815565		82	3.8	13.0	125	41.2	1
N815566		61	7.9	11.1	120	30.6	6
N815567		93	4.3	23.3	157	36.8	1
N815568		93	3.0	22.4	240	37.7	1
N815569		96	5.2	11.5	100	25.6	1
N815570		100	5.9	18.1	183	27.2	1
N815571		102	7.7	19.7	171	25.8	<1
N815572		126	11.1	21.9	203	20.5	1
N815573		109	8.9	21.8	239	28.9	<1
N815574		131	9.6	23.4	364	17.7	1
N815575		139	6.4	29.4	411	20.1	1
N815576		136	6.7	21.7	310	18.9	1
N815577		130	17.6	6.9	77	19.4	2
N815578		109	7.7	24.5	251	25.0	<1
N815579		110	6.4	21.0	202	30.5	<1
N815580		100	4.5	20.9	197	33.6	<1
N815581		3	0.1	0.9	13	<0.5	<1
N815582		91	3.4	20.2	154	34.5	<1
N815583		89	6.6	19.0	254	30.6	1
N815584		95	5.4	24.3	190	29.8	1
N815585		150	3.7	19.9	2510	68.9	37
N815586		103	7.0	22.2	226	31.3	<1
N815587		85	4.4	20.0	164	44.3	<1
N815588		57	4.8	15.7	256	48.0	1
N815589		65	4.1	17.9	143	49.9	<1
N815590		64	4.7	19.3	222	72.7	<1
N815591		60	3.1	17.0	239	133.5	<1



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**CERTIFICATE OF ANALYSIS WH12205106**

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



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**CERTIFICATE WH12205107**

Project: Klaza TR-12-39

P.O. No.: Batch 2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
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Plus Appendix Pages  
Finalized Date: 18-SEP-2012  
Account: ROCKHA

Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12205107**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815592		2.78	0.021	1.21	8.02	35.6	1550	2.29	0.67	0.18	0.79	77.4	5.9	22	20.2	643
N815593		3.95	0.039	1.22	7.83	62.7	2110	2.27	0.73	0.13	1.29	74.4	6.2	11	14.30	850
N815594		2.55	0.018	0.43	8.61	31.6	1840	2.55	0.60	0.29	0.83	75.9	6.6	35	22.4	357
N815595		3.84	0.049	0.78	9.33	55.8	1650	2.89	0.88	0.29	1.59	76.6	7.3	37	24.4	445
N815596		2.97	0.014	0.42	8.60	37.0	2670	2.56	0.44	0.39	1.54	83.1	8.7	34	18.55	259
N815597		3.57	0.009	0.30	8.48	17.7	1430	2.45	0.22	0.36	0.96	78.7	6.5	33	22.9	149.0
N815598		4.53	0.013	0.37	8.23	29.7	1330	2.36	0.42	0.36	1.27	77.7	8.3	32	18.35	185.5
N815599		5.52	0.009	0.40	8.57	29.5	1000	2.45	0.52	0.29	2.18	79.3	8.0	32	20.3	179.0
N815600		3.50	0.022	0.51	7.57	53.9	790	2.22	0.96	0.23	1.55	76.3	7.3	30	21.0	182.5
N815601		3.86	0.015	0.49	8.14	36.7	930	2.46	0.73	0.25	1.40	75.5	8.6	30	21.2	188.5
N815602		5.41	0.031	0.78	8.30	87.5	940	2.33	1.21	0.25	1.22	62.3	7.4	31	23.5	304
N815603		3.16	0.051	0.63	7.67	151.5	1080	1.90	1.04	0.09	0.52	63.2	1.6	30	30.6	67.0
N815604		3.93	0.196	2.38	8.88	127.0	1010	1.86	3.59	0.11	1.14	53.3	2.8	20	35.5	317
N815605		3.94	0.260	4.54	8.83	148.5	820	1.48	4.49	0.11	0.38	48.4	1.5	14	35.7	104.0
N815606		3.39	<0.005	0.02	0.07	<5	20	0.07	0.03	20.3	0.06	1.26	1.6	<1	0.25	4.5
N815607		5.65	0.153	1.95	8.01	148.5	880	1.88	2.82	0.24	1.82	50.0	11.2	15	28.1	591
N815608		3.68	0.197	3.68	7.48	183.0	870	1.96	6.19	0.26	1.90	55.7	12.4	14	26.0	606
N815609		4.01	0.232	3.04	7.91	197.0	1610	1.90	3.27	0.28	1.69	52.5	13.3	15	26.6	856
N815610		3.29	0.194	2.37	7.85	146.5	3470	1.70	2.85	0.31	1.40	50.5	12.1	13	19.65	808
N815611		3.81	0.103	2.50	8.00	139.0	1220	1.71	2.02	0.17	1.10	53.7	16.3	13	43.7	911
N815612		4.29	0.129	2.86	8.66	184.0	1600	1.39	2.33	0.11	0.34	49.4	1.2	14	75.5	88.8
N815613		5.49	0.095	1.18	8.02	21.9	2650	2.02	0.31	1.04	0.77	58.8	18.9	14	21.9	1080
N815614		4.59	0.060	1.26	7.89	40.6	1560	2.07	0.49	0.42	1.26	61.4	14.4	14	24.7	864
N815615		4.69	0.068	1.41	8.97	51.0	1590	2.00	1.04	0.35	1.64	61.9	14.1	15	30.8	954
N815616		0.22	1.445	37.4	7.63	504	1230	1.95	2.08	0.30	38.7	69.5	12.1	18	3.44	511
N815617		6.37	0.040	0.94	7.93	16.5	3490	1.77	1.08	1.05	0.98	61.1	16.4	14	13.30	552
N815618		5.10	0.094	2.20	8.16	56.4	2160	1.95	2.39	0.31	2.69	52.9	12.0	14	24.2	632
N815619		4.20	0.053	0.94	8.26	9.7	3410	1.79	0.67	1.37	0.81	58.9	15.4	14	13.75	556
N815620		4.69	0.083	1.55	8.50	99.3	1500	1.90	0.95	0.26	1.77	50.8	7.2	15	29.9	409
N815621		5.74	0.211	5.82	8.71	155.0	1340	1.46	5.58	0.09	1.41	41.7	1.5	14	31.2	150.5
N815622		4.85	0.104	1.99	8.14	84.7	1390	1.84	1.29	0.15	3.16	46.1	6.2	14	29.7	531
N815623		4.24	0.070	2.72	7.78	69.9	1180	1.58	3.65	0.15	1.56	50.1	4.3	13	38.6	358
N815624		3.75	0.049	0.97	7.93	22.2	2370	1.91	0.84	0.71	0.73	54.0	12.9	13	17.00	625
N815625		5.10	0.031	0.71	7.94	11.2	2100	1.69	0.94	0.75	1.23	53.2	15.0	13	12.85	791
N815626		4.92	0.091	1.80	8.20	24.1	2410	1.89	1.64	0.63	0.81	56.1	11.1	13	23.0	1010
N815627		4.22	0.113	1.26	9.31	9.2	1630	1.77	0.50	0.45	0.56	57.8	15.1	16	13.95	721



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Plus Appendix Pages  
Finalized Date: 18-SEP-2012  
Account: ROCKHA

Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12205107**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815592		2.61	18.35	0.21	3.4	0.065	3.96	41.6	39.4	0.29	105	37.3	0.08	8.2	10.4	680
N815593		3.10	17.65	0.26	1.9	0.071	4.50	40.3	26.9	0.26	169	43.8	0.49	5.1	6.5	570
N815594		2.59	22.2	0.23	4.6	0.054	3.81	39.6	50.2	0.28	447	17.40	0.09	11.9	17.4	1090
N815595		3.59	23.5	0.26	4.9	0.074	4.23	39.0	77.5	0.32	687	28.5	0.10	12.4	24.2	1110
N815596		3.33	21.3	0.27	4.4	0.066	3.45	42.4	91.3	0.31	1040	18.45	0.80	12.1	23.2	1110
N815597		2.95	22.1	0.26	4.3	0.043	3.58	41.4	40.1	0.34	510	9.00	0.20	12.1	20.3	1080
N815598		2.92	20.7	0.27	4.0	0.052	3.17	39.4	48.2	0.30	857	13.60	0.63	11.8	20.6	1060
N815599		2.99	21.5	0.25	4.1	0.054	3.11	40.3	43.1	0.27	1160	15.55	0.09	11.5	20.9	1050
N815600		2.92	19.85	0.25	4.1	0.059	2.90	40.9	42.7	0.25	661	18.85	0.05	11.0	18.0	980
N815601		2.93	20.8	0.26	4.0	0.059	3.20	37.3	47.6	0.29	913	17.70	0.05	11.3	18.7	1030
N815602		3.41	20.2	0.26	3.6	0.085	3.17	32.5	66.6	0.31	679	23.4	0.05	9.5	16.9	1050
N815603		2.13	19.15	0.22	4.1	0.062	3.37	36.1	18.2	0.30	109	6.91	0.05	11.4	7.6	480
N815604		4.59	20.1	0.29	1.2	0.282	3.90	31.2	28.1	0.42	175	36.0	0.05	8.8	8.9	840
N815605		2.92	22.4	0.18	0.7	0.342	3.99	25.9	30.4	0.44	80	37.4	0.05	8.4	2.9	440
N815606		0.47	0.31	0.12	<0.1	0.005	0.03	0.6	1.0	12.10	190	5.61	<0.01	0.3	3.2	190
N815607		5.39	19.00	0.21	0.8	0.277	3.88	27.9	13.0	0.46	477	73.6	0.05	7.4	10.1	1120
N815608		5.35	17.60	0.23	0.7	0.257	3.26	33.4	82.5	0.39	380	74.3	0.04	6.9	10.6	1140
N815609		5.74	19.80	0.23	0.6	0.199	3.59	29.1	51.4	0.52	587	70.9	0.16	6.9	9.1	1150
N815610		5.31	19.05	0.22	0.6	0.110	3.48	30.4	47.1	0.52	501	49.0	0.39	7.3	8.0	1050
N815611		4.77	18.80	0.22	0.6	0.141	3.68	32.0	38.2	0.41	644	59.2	0.06	7.5	7.2	950
N815612		1.93	20.9	0.18	0.5	0.074	4.01	27.3	12.0	0.43	151	37.8	0.05	9.1	1.6	290
N815613		4.59	20.3	0.23	0.5	0.033	2.84	32.7	30.1	1.28	492	32.4	1.20	8.4	9.9	1320
N815614		4.81	19.45	0.24	0.5	0.071	2.88	33.0	26.9	0.71	314	50.3	0.37	8.4	9.5	1310
N815615		5.36	19.80	0.23	0.5	0.067	3.56	36.0	24.2	0.43	360	58.6	0.12	8.3	9.0	1320
N815616		5.97	24.6	0.27	2.3	0.637	3.54	34.7	24.0	0.30	1080	6.65	0.08	13.0	7.7	1720
N815617		4.40	18.80	0.22	0.5	0.055	2.80	31.8	28.4	1.16	427	28.4	1.29	8.9	8.2	1240
N815618		6.45	19.00	0.25	0.5	0.234	2.95	30.9	26.1	0.45	344	75.8	0.29	8.2	9.1	1170
N815619		4.53	19.45	0.20	0.6	0.058	2.71	31.5	29.4	1.51	385	15.35	1.73	8.9	8.1	1320
N815620		3.73	20.4	0.18	0.6	0.176	3.62	29.4	34.8	0.55	318	38.8	0.17	9.2	5.9	840
N815621		2.76	20.8	0.18	0.6	0.297	4.19	23.7	11.2	0.39	137	26.2	0.05	10.1	2.6	460
N815622		5.52	18.35	0.23	0.5	0.427	3.53	32.1	41.6	0.42	387	77.4	0.08	7.5	6.8	830
N815623		4.17	18.70	0.22	0.5	0.192	3.20	36.0	38.4	0.38	163	50.7	0.24	8.1	5.1	680
N815624		4.00	19.70	0.22	0.6	0.058	2.95	28.4	40.8	1.07	233	33.2	1.02	8.8	7.7	1200
N815625		5.69	17.20	0.23	0.5	0.033	2.97	31.4	26.1	1.20	248	52.9	1.09	7.8	7.0	1270
N815626		4.21	18.35	0.21	0.5	0.109	3.73	32.5	25.1	1.08	204	50.5	0.91	6.2	7.3	1220
N815627		3.65	22.0	0.22	0.5	0.066	2.98	33.0	34.1	0.91	220	29.3	0.23	8.6	7.9	1460



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Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12205107**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815592		27.2	159.0	0.003	0.08	23.2	7.7	2	2.3	104.0	0.65	0.11	18.8	0.212	2.01	7.7
N815593		34.4	168.0	0.002	0.02	40.5	7.8	2	2.2	151.5	0.46	0.13	21.0	0.150	2.03	4.7
N815594		26.0	159.5	<0.002	0.03	23.5	7.9	1	2.3	87.8	0.87	0.07	14.6	0.291	2.11	5.9
N815595		49.4	174.5	<0.002	0.01	23.7	9.0	2	2.5	94.7	0.94	0.09	15.5	0.291	2.32	8.4
N815596		36.3	143.0	<0.002	0.04	16.80	8.1	1	1.9	124.5	0.93	0.08	14.1	0.290	2.07	6.0
N815597		26.6	151.0	<0.002	0.01	12.55	7.4	1	1.8	75.7	0.94	<0.05	13.9	0.273	2.02	5.5
N815598		39.8	135.0	<0.002	0.01	16.25	7.5	2	1.8	96.9	0.89	0.08	13.7	0.285	1.86	5.6
N815599		43.6	138.5	<0.002	<0.01	17.35	9.1	2	1.8	52.7	0.86	0.07	13.7	0.315	1.99	7.1
N815600		44.6	134.0	<0.002	0.01	18.10	7.4	2	1.7	44.6	0.83	0.14	13.3	0.272	1.99	6.9
N815601		43.3	148.5	<0.002	0.01	13.75	8.8	2	1.8	48.2	0.81	0.09	12.6	0.305	2.25	7.5
N815602		50.9	147.0	<0.002	0.02	25.7	10.8	2	2.5	57.7	0.70	0.11	11.1	0.345	2.46	6.7
N815603		33.0	155.5	<0.002	0.04	15.75	5.8	1	1.6	72.0	0.86	0.25	12.2	0.267	2.87	7.0
N815604		132.0	204	0.003	0.12	35.7	15.5	3	5.5	76.6	0.61	0.37	12.2	0.367	3.18	4.5
N815605		94.5	205	0.002	0.07	24.0	15.7	3	9.1	51.8	0.57	0.38	10.1	0.389	3.38	2.3
N815606		1.6	1.6	<0.002	0.01	0.12	0.3	1	<0.2	43.8	<0.05	<0.05	0.2	<0.005	0.02	0.6
N815607		115.0	202	0.003	0.02	20.7	18.2	2	4.2	35.1	0.46	0.28	12.2	0.333	3.43	4.8
N815608		204	176.5	0.004	0.02	36.4	16.3	2	5.8	49.8	0.46	0.45	11.9	0.312	2.84	5.2
N815609		140.5	185.5	0.004	0.05	37.9	17.3	3	8.0	90.8	0.45	0.32	13.2	0.314	2.96	4.6
N815610		78.3	160.5	0.002	0.08	50.3	15.3	2	5.8	201	0.50	0.33	14.7	0.315	2.47	4.1
N815611		164.0	180.5	0.004	0.02	84.8	16.8	3	2.9	56.0	0.51	0.74	14.3	0.343	3.26	4.5
N815612		110.5	195.0	0.003	0.09	78.8	17.1	2	1.6	62.7	0.60	0.92	6.5	0.437	4.96	1.8
N815613		50.0	131.5	0.007	0.29	9.96	19.0	2	1.8	289	0.53	0.05	13.0	0.402	1.73	2.4
N815614		136.5	140.0	0.003	0.01	17.75	18.3	2	2.8	112.0	0.52	0.10	13.0	0.372	1.91	3.3
N815615		54.0	173.5	0.002	0.02	20.9	18.8	3	2.9	81.2	0.54	0.27	13.3	0.398	2.29	3.8
N815616		4260	171.0	0.003	1.01	64.3	15.9	5	21.8	375	0.77	0.30	7.1	0.447	2.12	3.4
N815617		37.0	113.5	0.002	0.07	6.25	18.2	2	2.6	339	0.55	0.17	13.4	0.386	1.37	2.5
N815618		253	139.5	0.002	0.03	16.35	18.4	3	3.4	119.0	0.49	0.37	13.1	0.348	1.99	4.3
N815619		43.6	105.0	<0.002	0.11	3.71	18.9	2	2.3	436	0.59	0.07	13.6	0.414	1.42	2.5
N815620		98.7	169.5	<0.002	0.04	12.65	18.1	2	2.3	72.1	0.58	0.30	10.9	0.430	3.11	2.6
N815621		981	190.0	<0.002	0.07	11.50	17.4	2	2.9	41.6	0.62	0.96	7.3	0.445	4.10	2.0
N815622		75.8	172.5	0.002	0.08	13.45	17.2	3	5.5	59.7	0.49	0.22	11.5	0.358	2.61	3.5
N815623		281	166.5	0.002	0.10	14.00	15.6	2	3.2	80.5	0.52	0.73	9.8	0.369	2.76	2.9
N815624		40.4	124.5	0.003	0.03	6.00	19.3	2	2.3	232	0.54	0.21	13.6	0.384	1.64	2.5
N815625		17.6	131.0	0.002	0.02	1.88	18.5	3	3.9	245	0.48	0.08	12.4	0.365	1.47	3.4
N815626		67.3	150.5	0.004	0.01	4.07	19.1	2	3.9	202	0.39	0.30	12.5	0.315	2.00	3.1
N815627		28.7	143.0	0.003	0.01	3.61	20.1	2	2.9	103.0	0.54	0.07	15.0	0.437	1.74	6.9





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Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12205107**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815592		64	4.4	16.4	178	116.5	<1
N815593		60	3.8	15.2	147	54.5	<1
N815594		66	3.2	14.8	183	168.0	<1
N815595		82	7.2	17.6	277	177.0	<1
N815596		69	4.0	16.2	224	158.5	<1
N815597		60	1.8	13.2	175	151.0	<1
N815598		63	3.8	14.0	180	145.5	<1
N815599		76	3.2	15.9	194	144.5	<1
N815600		60	2.5	14.7	178	147.5	<1
N815601		75	2.7	14.6	170	146.0	1
N815602		97	3.7	16.2	192	126.0	1
N815603		52	2.5	10.6	64	145.5	1
N815604		148	8.4	13.9	195	41.4	3
N815605		152	8.4	6.4	117	19.5	5
N815606		2	0.1	0.8	13	0.5	<1
N815607		138	12.0	19.3	239	21.9	2
N815608		130	10.2	23.9	258	20.6	4
N815609		134	5.4	22.1	202	13.4	3
N815610		123	5.0	24.3	161	16.0	3
N815611		138	6.2	20.4	120	15.7	3
N815612		160	11.8	4.2	33	10.7	3
N815613		162	2.9	22.2	98	11.0	2
N815614		147	7.4	23.8	205	11.6	1
N815615		160	6.8	24.4	181	12.3	2
N815616		145	3.9	19.9	4600	73.4	33
N815617		143	3.3	21.7	142	11.3	1
N815618		137	10.7	22.3	323	13.8	2
N815619		152	2.4	20.0	128	11.4	1
N815620		154	5.7	14.7	230	11.9	2
N815621		161	13.2	6.8	201	13.3	6
N815622		148	16.1	14.7	459	11.0	2
N815623		138	6.3	14.3	244	11.0	3
N815624		142	3.1	21.8	93	12.1	1
N815625		147	14.0	28.5	85	10.7	1
N815626		148	8.9	21.7	102	10.7	2
N815627		181	4.0	23.9	110	12.2	1



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**CERTIFICATE OF ANALYSIS WH12205107**

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



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**CERTIFICATE WH12205108**

Project: Klaza TR-12-39 Batch 3

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12205108**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815628		6.92	0.066	0.86	8.39	11.8	2060	1.69	0.64	0.80	0.70	72.2	15.9	13	17.55	694
N815629		4.99	0.036	0.49	8.35	3.6	2070	1.68	0.22	1.45	0.36	58.3	14.4	13	12.55	432
N815630		4.53	0.042	0.62	8.50	11.0	3670	1.62	0.30	0.76	0.93	56.3	11.0	15	14.75	657
N815631		3.98	0.048	0.84	8.79	19.2	1860	1.59	0.69	0.34	2.37	64.8	14.4	15	14.75	773
N815632		5.45	0.106	1.63	8.39	10.2	3650	1.57	9.01	0.86	0.79	57.1	10.9	13	12.20	830
N815633		4.08	0.083	0.65	8.50	35.9	2020	1.55	0.80	0.64	0.88	66.4	18.7	13	15.00	839
N815634		5.86	0.118	0.97	8.60	27.3	2140	1.51	0.81	0.67	0.95	65.0	9.9	14	12.90	846
N815635		4.81	0.036	0.50	8.28	13.5	2300	1.38	0.16	1.01	0.35	60.1	12.9	14	12.55	399
N815636		3.67	0.080	0.89	8.19	6.9	2160	1.34	0.24	0.92	0.37	57.7	10.7	13	11.50	410
N815637		5.58	0.041	0.64	8.38	6.0	2300	1.44	0.24	1.02	0.45	60.5	10.3	15	10.65	373
N815638		6.17	0.036	0.78	8.40	9.0	2420	1.61	0.70	0.96	0.72	57.8	12.2	13	13.20	476
N815639		4.74	0.043	1.53	8.90	22.8	1880	1.67	4.14	0.57	1.07	67.4	10.4	15	22.0	732
N815640		4.10	0.094	1.31	9.21	7.2	2710	1.49	0.44	0.89	0.42	60.8	9.7	14	13.10	676
N815641		4.53	0.035	0.68	8.72	9.6	2400	1.59	0.28	1.80	0.35	58.9	14.1	15	15.25	485
N815642		3.95	0.030	0.93	8.42	9.4	2480	1.55	0.38	1.67	0.58	56.7	11.9	14	13.20	588
N815643		3.63	0.064	2.72	8.57	12.8	1900	1.61	2.53	2.45	0.57	52.4	19.4	17	9.65	680
N815644		5.56	0.127	26.5	8.77	82.1	1420	1.59	49.0	0.90	1.14	56.3	13.6	17	23.9	938
N815645		4.96	0.040	0.91	8.66	8.2	1820	1.46	0.62	1.02	1.12	56.2	18.3	17	27.8	854
N815646		5.63	0.035	1.36	8.65	21.9	1670	1.62	1.88	1.10	1.63	60.6	18.9	36	22.4	881
N815647		0.27	1.340	32.5	8.40	588	1340	1.91	1.34	0.33	32.1	76.6	5.6	19	3.64	138.5
N815648		5.06	0.043	0.87	8.59	16.2	1770	1.49	0.52	1.23	2.17	54.4	15.1	19	17.55	809
N815649		3.82	0.054	1.17	9.25	56.0	2640	1.99	1.25	0.85	3.61	75.0	19.2	26	18.50	545
N815650		3.62	0.030	0.89	9.95	64.3	1860	1.71	0.65	0.55	2.55	55.3	16.7	18	26.1	454
N815651		4.48	0.049	1.28	9.97	40.8	1940	1.63	1.07	0.60	3.04	53.3	17.6	17	22.5	444
N815652		4.76	0.042	0.96	9.66	12.0	1920	1.48	0.33	0.80	1.35	55.6	13.4	16	17.20	491
N815653		5.04	0.042	0.63	8.85	8.1	1910	1.50	0.31	1.27	0.91	55.4	13.3	20	14.95	408
N815654		5.14	0.029	0.64	8.48	12.3	1900	1.55	0.52	1.29	1.17	52.9	12.6	15	13.60	450
N815655		5.07	0.042	0.80	8.52	15.4	2080	1.55	0.55	1.31	1.54	56.8	16.0	16	18.95	491
N815656		3.04	<0.005	0.01	0.09	<5	20	0.06	0.04	20.5	0.06	1.34	1.1	<1	0.18	5.6
N815657		4.99	0.039	0.87	8.79	15.8	2090	1.79	1.19	1.26	2.12	64.4	16.4	15	17.50	555
N815658		4.44	0.050	0.78	8.86	20.3	2080	1.57	0.47	1.04	1.53	56.8	15.3	13	16.85	450
N815659		4.11	0.049	1.21	8.57	30.7	4760	1.35	0.80	0.48	2.63	50.2	10.7	15	18.95	448
N815660		4.08	0.136	2.94	8.17	335	1170	1.86	1.98	0.34	5.36	50.4	15.8	18	28.2	810
N815661		4.77	0.220	2.50	8.98	185.5	1430	1.63	2.34	0.30	3.64	66.2	10.5	17	38.5	611
N815662		5.60	0.421	10.80	8.83	256	1410	1.45	7.67	0.21	2.57	51.0	4.6	16	45.2	259
N815663		6.41	0.047	1.27	9.09	149.5	1920	1.65	0.73	0.48	1.26	56.8	16.1	18	31.8	336



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**CERTIFICATE OF ANALYSIS WH12205108**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815628		4.40	18.50	0.16	0.5	0.056	2.78	40.4	27.7	1.38	356	28.1	0.82	8.3	8.5	1300
N815629		3.76	17.95	0.15	0.5	0.031	2.55	26.5	19.7	1.69	317	16.25	1.99	8.7	6.8	1230
N815630		4.35	19.25	0.17	0.6	0.038	2.98	28.9	18.7	0.72	223	42.3	1.04	8.9	7.3	1310
N815631		4.57	18.05	0.19	0.6	0.104	2.78	37.8	26.2	0.28	736	72.4	0.17	8.9	7.9	1280
N815632		4.81	18.60	0.18	0.5	0.132	3.53	33.0	18.2	1.20	265	48.3	1.10	7.2	6.4	1240
N815633		5.03	18.00	0.18	0.5	0.039	3.25	38.3	23.5	1.51	319	35.6	0.91	7.4	6.4	1190
N815634		4.97	18.10	0.20	0.5	0.032	3.95	40.0	20.1	1.54	273	47.2	1.29	7.1	6.1	1230
N815635		3.83	18.35	0.16	0.5	0.026	2.98	28.8	23.4	1.78	301	7.12	1.46	8.8	7.5	1260
N815636		3.59	18.55	0.16	0.4	0.037	3.46	28.4	19.4	1.67	235	11.45	1.30	7.8	7.3	1230
N815637		3.72	18.65	0.16	0.4	0.031	3.28	29.9	21.4	1.79	291	14.30	1.40	8.6	7.7	1280
N815638		4.17	18.05	0.16	0.5	0.048	3.19	28.8	23.2	1.71	344	17.35	1.18	8.5	7.8	1280
N815639		4.27	19.30	0.18	0.7	0.113	3.22	37.2	24.8	1.14	242	32.3	0.37	8.7	6.8	1280
N815640		3.86	19.75	0.18	0.5	0.046	3.89	32.4	25.1	1.56	218	14.60	1.14	7.7	7.0	1370
N815641		4.56	19.75	0.18	0.5	0.032	2.92	28.7	21.6	1.88	367	9.79	1.69	9.0	7.3	1350
N815642		4.37	18.70	0.17	0.5	0.063	3.08	28.8	22.3	1.94	556	14.95	1.60	8.4	8.1	1330
N815643		5.46	20.2	0.17	0.5	0.129	2.36	26.3	18.6	2.24	561	28.9	1.87	7.7	9.5	1440
N815644		5.88	20.2	0.20	0.5	0.636	3.16	34.1	22.2	1.94	516	62.8	0.73	6.7	8.1	1350
N815645		5.52	18.80	0.20	0.5	0.053	2.66	26.5	26.6	1.94	558	46.2	0.71	6.5	9.5	1210
N815646		7.00	18.55	0.22	0.6	0.133	3.03	35.7	21.5	1.77	524	64.7	1.10	6.7	11.5	1370
N815647		5.86	24.8	0.23	2.5	0.256	3.96	38.1	25.1	0.32	1100	6.20	0.08	12.7	7.0	1870
N815648		8.69	17.85	0.24	0.5	0.051	2.71	33.7	24.2	1.70	380	95.0	1.19	6.3	9.9	1280
N815649		5.41	20.2	0.20	1.7	0.075	2.69	38.8	33.2	1.18	3360	45.6	0.93	8.7	15.0	1460
N815650		4.55	20.5	0.18	0.6	0.044	2.67	28.9	46.6	1.18	727	30.0	0.38	7.3	10.0	1340
N815651		5.42	20.4	0.18	0.6	0.110	2.72	25.9	41.5	1.41	1020	46.2	0.23	7.2	9.2	1370
N815652		4.73	20.3	0.17	0.6	0.041	2.77	22.5	33.5	1.42	326	22.7	0.76	6.9	9.2	1370
N815653		4.58	18.85	0.17	0.6	0.024	2.55	25.3	30.4	2.01	287	16.85	1.34	6.6	8.7	1310
N815654		4.79	17.80	0.17	0.6	0.029	2.65	26.0	25.1	1.82	302	20.7	1.24	6.5	8.4	1260
N815655		4.73	17.75	0.17	0.6	0.040	2.86	24.2	24.5	1.85	421	33.8	1.36	6.7	9.1	1270
N815656		0.45	0.32	0.14	<0.1	<0.005	0.03	0.6	1.1	12.70	191	0.56	0.01	0.3	1.3	190
N815657		5.32	18.55	0.18	0.5	0.042	3.07	24.7	30.6	1.93	586	41.3	1.21	6.5	9.2	1320
N815658		4.63	18.40	0.16	0.5	0.045	2.91	22.6	37.2	1.79	502	46.5	1.07	6.7	9.1	1330
N815659		5.89	18.20	0.20	0.5	0.187	2.95	29.4	35.0	1.37	482	69.4	0.28	5.4	8.2	1330
N815660		6.17	17.65	0.19	0.5	0.598	3.27	28.0	21.8	0.43	1360	149.0	0.07	5.9	7.8	1360
N815661		6.89	17.80	0.21	0.5	0.253	3.36	34.5	27.3	0.48	296	123.5	0.10	6.6	7.9	1320
N815662		5.82	18.05	0.19	0.6	0.336	3.82	30.6	20.3	0.55	335	108.5	0.07	7.1	4.3	880
N815663		5.68	18.80	0.20	0.5	0.067	3.42	30.7	25.3	1.01	999	64.8	0.36	6.6	9.9	1230



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**CERTIFICATE OF ANALYSIS WH12205108**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815628		35.2	121.5	0.002	0.01	2.86	18.2	2	2.6	201	0.59	0.11	15.0	0.420	1.37	2.6
N815629		10.0	111.0	0.003	0.12	0.92	17.0	2	1.8	420	0.60	0.07	14.2	0.406	1.18	2.1
N815630		13.7	124.0	0.002	0.05	7.41	18.3	2	2.1	288	0.63	0.05	14.8	0.418	1.32	2.7
N815631		24.3	125.0	0.003	0.02	16.60	19.3	2	2.8	95.0	0.63	0.06	15.4	0.411	1.32	3.3
N815632		30.1	142.0	0.004	0.09	2.04	17.8	2	5.0	278	0.49	0.14	14.4	0.346	1.50	2.8
N815633		22.8	131.0	0.002	0.01	1.83	17.3	2	3.7	198.5	0.51	0.08	13.9	0.354	1.47	2.8
N815634		27.4	159.0	0.004	0.04	2.07	18.0	2	5.1	239	0.49	0.08	14.4	0.347	1.71	3.0
N815635		14.7	105.0	0.002	0.01	1.54	17.2	2	1.7	290	0.57	<0.05	11.8	0.408	1.20	1.6
N815636		14.8	131.0	0.003	0.05	1.36	16.7	2	2.8	262	0.48	0.05	10.1	0.380	1.38	1.4
N815637		17.6	121.5	0.006	0.02	1.46	17.3	2	2.2	285	0.54	<0.05	11.3	0.394	1.25	1.6
N815638		27.6	117.0	0.003	0.01	2.57	18.1	2	2.5	252	0.58	0.05	14.0	0.402	1.36	2.1
N815639		51.1	137.5	0.004	0.01	6.27	18.5	2	5.0	131.5	0.59	0.23	14.7	0.410	1.75	2.9
N815640		22.6	145.5	0.003	0.05	2.26	19.4	2	3.6	271	0.52	0.07	13.6	0.396	1.74	1.9
N815641		24.4	99.5	0.003	0.03	1.55	19.2	2	1.9	395	0.60	<0.05	12.8	0.435	1.13	1.7
N815642		40.8	111.0	0.003	0.02	1.39	18.6	2	2.2	369	0.53	<0.05	10.7	0.406	1.38	1.8
N815643		84.3	91.4	0.010	0.15	1.35	21.2	2	2.4	444	0.49	0.05	9.8	0.463	1.17	1.7
N815644		386	158.0	0.004	0.05	5.82	23.6	3	6.0	170.0	0.43	0.15	11.0	0.429	2.22	2.9
N815645		31.5	103.5	0.002	0.02	2.78	19.8	2	2.2	187.5	0.42	0.09	11.6	0.360	1.33	2.6
N815646		63.7	147.0	0.004	0.04	3.47	23.6	3	3.8	238	0.43	0.22	12.7	0.399	1.71	3.6
N815647		4200	178.0	0.004	0.66	70.0	16.1	5	21.7	411	0.83	0.31	7.6	0.479	2.14	3.7
N815648		42.9	127.5	0.003	0.05	3.31	22.1	4	2.7	266	0.41	0.09	13.0	0.360	1.34	4.3
N815649		125.5	112.5	<0.002	0.04	10.95	17.6	2	2.6	230	0.59	0.19	12.3	0.412	1.53	3.5
N815650		56.9	106.5	0.002	0.03	13.25	21.3	2	2.2	124.5	0.49	0.07	12.3	0.425	1.57	2.2
N815651		363	110.0	0.005	0.07	6.75	21.1	2	3.5	126.0	0.48	0.13	12.1	0.418	1.59	2.3
N815652		54.0	103.5	0.002	0.04	4.90	20.0	2	2.3	208	0.45	0.07	11.8	0.422	1.43	2.1
N815653		23.5	97.2	0.002	0.06	2.52	18.9	2	2.1	310	0.44	0.06	11.6	0.389	1.34	1.9
N815654		28.9	99.2	0.002	0.04	3.34	19.4	2	2.2	304	0.43	0.08	12.0	0.377	1.20	1.8
N815655		58.6	102.0	0.002	0.05	3.37	19.6	2	2.2	320	0.43	0.17	11.1	0.375	1.38	2.1
N815656		1.5	1.4	<0.002	<0.01	<0.05	0.2	1	<0.2	48.5	<0.05	<0.05	0.2	<0.005	<0.02	0.7
N815657		81.1	112.5	0.002	0.07	3.84	19.9	2	3.2	305	0.43	0.14	12.4	0.380	1.38	2.3
N815658		123.5	111.0	0.002	0.03	4.99	19.4	2	2.0	258	0.44	0.06	11.9	0.386	1.52	2.2
N815659		205	136.5	0.002	0.44	6.26	19.0	2	3.0	264	0.35	0.18	11.0	0.322	1.92	2.5
N815660		1650	162.5	0.007	0.11	75.3	19.5	3	6.5	66.6	0.36	0.38	10.4	0.336	2.96	4.0
N815661		517	149.0	0.003	0.18	25.6	20.5	3	3.3	120.5	0.43	0.30	12.8	0.383	2.69	4.3
N815662		1910	175.5	0.003	0.41	18.50	18.5	4	14.0	107.0	0.46	2.20	10.8	0.401	3.34	3.4
N815663		84.3	157.5	0.002	0.12	10.75	20.6	2	2.6	116.5	0.44	0.11	12.6	0.380	3.18	2.9



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 Account: ROCKHA

Project: Klaza TR-12-39 Batch 3

**CERTIFICATE OF ANALYSIS WH12205108**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815628		145	4.0	26.2	130	8.8	1
N815629		139	1.9	18.9	60	8.1	<1
N815630		146	5.0	23.9	96	9.9	<1
N815631		147	13.0	28.0	120	10.2	<1
N815632		141	8.3	25.7	101	9.2	1
N815633		136	6.4	23.5	90	9.7	<1
N815634		145	8.6	25.7	90	9.7	1
N815635		141	2.4	19.1	69	8.8	<1
N815636		144	3.1	19.8	69	7.3	1
N815637		140	2.7	22.8	85	8.4	<1
N815638		146	4.6	21.7	142	9.4	<1
N815639		149	5.5	24.9	178	15.4	2
N815640		156	3.7	23.4	120	8.9	1
N815641		153	1.8	21.2	109	8.6	<1
N815642		151	4.9	23.8	140	8.1	<1
N815643		188	3.0	22.7	119	9.6	2
N815644		195	8.1	23.8	183	9.5	27
N815645		150	8.4	25.1	128	9.2	1
N815646		179	13.8	26.7	187	10.0	1
N815647		153	4.2	22.1	2630	66.1	36
N815648		161	12.7	32.1	141	10.1	<1
N815649		140	7.1	23.5	292	56.6	<1
N815650		177	6.4	21.5	226	12.1	<1
N815651		170	7.6	19.1	404	10.7	<1
N815652		174	5.0	18.9	185	10.3	<1
N815653		157	5.9	21.5	120	10.2	<1
N815654		156	8.8	20.7	172	10.5	<1
N815655		154	7.9	21.0	192	10.7	<1
N815656		1	0.1	0.9	14	<0.5	<1
N815657		157	8.2	22.6	227	9.8	<1
N815658		159	4.2	21.3	275	9.4	<1
N815659		148	4.7	18.0	354	9.0	1
N815660		151	9.0	22.7	612	9.3	2
N815661		165	13.1	17.0	534	10.4	2
N815662		167	20.5	10.3	528	12.1	11
N815663		168	8.4	19.8	188	9.3	<1



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Project: Klaza TR-12-39 Batch 3

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**CERTIFICATE OF ANALYSIS WH12205108**

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





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**CERTIFICATE WH12205109**

Project: Klaza TR-12-39 Batch 4

P.O. No.: Batch 4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza TR-12-39 Batch 4

**CERTIFICATE OF ANALYSIS WH12205109**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815664		5.26	0.041	1.27	8.65	136.0	2020	1.49	1.20	0.55	1.14	49.5	15.5	19	27.8	351
N815665		5.31	0.020	0.54	8.53	11.9	2190	1.52	0.42	1.05	0.60	42.9	17.3	20	14.55	285
N815666		5.78	0.038	0.99	8.57	93.6	2940	1.71	0.95	0.60	1.91	51.0	21.4	17	23.5	479
N815667		5.02	0.035	0.46	8.66	8.3	3480	1.60	0.24	1.62	0.75	40.7	18.1	17	10.90	309
N815668		4.45	0.085	1.09	8.54	8.5	1860	1.60	0.78	1.27	0.58	39.5	18.6	20	12.65	541
N815669		5.71	0.058	1.35	8.65	61.2	1890	1.65	2.18	0.72	3.26	50.5	18.9	19	20.8	494
N815670		5.00	0.054	1.52	8.47	147.0	1890	1.94	1.37	0.66	4.01	61.9	21.5	16	26.0	850
N815671		5.18	0.078	1.57	9.01	158.0	8890	2.32	1.96	0.27	4.71	62.8	22.4	71	48.9	582
N815672		4.95	0.011	0.30	8.49	43.7	4790	2.49	0.32	0.63	4.38	87.4	6.9	14	25.1	177.5
N815673		3.37	0.044	0.56	6.61	117.0	1460	1.53	0.74	0.12	1.43	40.9	3.6	4	20.5	117.5
N815674		5.31	0.007	0.28	7.44	74.3	1600	1.67	0.18	0.11	1.03	47.4	4.1	4	21.6	92.1
N815675		4.94	0.064	1.35	8.70	78.2	1820	1.88	1.21	0.32	2.21	72.1	12.8	14	30.3	712
N815676		4.68	0.086	1.11	8.94	13.4	2490	1.56	0.46	1.13	0.97	54.0	14.7	15	12.50	795
N815677		5.16	0.067	1.04	8.25	18.1	2240	1.54	0.56	1.10	0.79	45.9	13.0	15	15.50	636
N815678		5.05	0.094	1.03	7.93	19.0	2130	1.46	0.54	0.88	0.80	42.5	15.5	17	17.75	670
N815679		4.95	0.030	1.00	8.32	31.3	2340	1.60	0.93	1.01	1.48	52.9	9.4	15	14.95	476
N815680		5.57	0.033	0.61	8.34	11.4	2480	1.58	0.28	1.21	0.79	47.1	17.1	16	14.35	407
N815681		4.90	0.045	0.98	8.43	15.7	2360	1.66	0.55	0.84	1.98	42.2	13.5	16	15.70	594
N815682		6.21	0.036	0.61	8.56	8.4	1910	1.45	0.34	0.87	0.85	47.5	16.3	16	14.40	585
N815683		0.26	0.228	>100	5.58	263	620	0.65	5.11	1.47	25.4	21.3	12.9	65	1.01	6310
N815684		3.80	0.034	0.60	8.76	8.5	1920	1.45	0.34	0.87	0.89	48.4	16.2	16	14.15	619
N815685		5.08	0.042	0.65	8.19	14.5	1880	1.41	0.34	0.92	0.72	50.6	13.7	16	15.05	642
N815686		4.81	0.089	0.66	7.97	9.1	1940	1.49	0.18	1.01	0.48	44.6	15.7	16	18.80	603
N815687		5.03	0.234	0.85	8.12	12.2	1840	1.50	0.23	0.82	0.73	47.2	17.6	15	12.00	753
N815688		3.88	0.070	0.86	8.82	14.6	1490	1.46	0.23	0.60	1.19	49.3	17.0	17	13.55	857
M897951		2.57	<0.005	0.01	0.08	<5	40	<0.05	0.03	21.3	0.07	1.30	1.6	<1	0.16	4.3
N815690		3.94	0.083	1.12	8.99	40.1	1610	1.37	0.38	0.45	2.47	55.0	15.2	16	16.50	1010
N815691		3.68	0.078	1.41	9.08	137.5	1380	1.68	0.65	0.41	4.70	60.3	15.1	17	27.6	898
N815692		4.12	0.066	1.10	8.55	118.5	1410	1.66	0.59	0.44	3.18	63.5	14.8	15	32.9	803
N815693		4.20	0.061	0.86	8.32	19.1	3990	1.65	0.30	1.53	0.96	46.5	17.3	16	16.60	741
N815694		3.53	0.065	0.97	8.12	19.7	1920	1.49	0.36	0.84	0.99	54.4	14.0	17	20.5	788
N815695		3.77	0.063	1.05	7.69	13.2	2170	1.37	0.30	1.38	1.40	70.4	13.7	13	17.55	795
N815696		4.63	0.045	0.90	8.61	23.0	2170	1.64	0.37	0.63	1.18	46.1	13.8	16	20.4	838
N815697		4.24	0.165	2.26	8.39	37.0	2430	1.54	0.52	0.41	1.15	62.0	15.1	16	13.55	1290
N815698		4.29	0.166	2.42	8.80	327	1280	1.70	0.97	0.26	2.73	59.9	16.1	16	21.9	1670
N815699		4.66	0.246	1.71	7.64	209	1080	1.52	0.57	0.40	2.00	60.3	13.2	15	20.3	1370



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Project: Klaza TR-12-39 Batch 4

**CERTIFICATE OF ANALYSIS WH12205109**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815664		5.76	19.35	0.18	0.5	0.062	3.31	26.7	30.4	1.06	527	65.9	0.62	6.9	9.2	1320
N815665		4.92	19.90	0.18	0.5	0.034	2.69	19.0	43.7	2.02	451	22.4	1.21	7.8	9.6	1410
N815666		5.83	18.80	0.20	0.5	0.079	3.16	26.2	26.2	0.88	716	85.2	0.69	7.1	10.1	1260
N815667		4.87	20.1	0.18	0.5	0.034	2.60	17.6	37.5	1.88	431	19.15	1.56	7.6	9.6	1420
N815668		4.65	20.4	0.17	0.5	0.028	2.36	16.6	53.7	2.03	368	15.10	1.39	7.1	9.9	1480
N815669		5.83	19.55	0.19	0.5	0.082	2.75	25.1	35.6	1.06	2180	55.3	0.71	6.7	12.3	1440
N815670		3.96	21.1	0.18	1.4	0.257	3.61	31.3	18.4	0.38	1560	51.2	0.07	10.0	10.5	1240
N815671		4.62	20.3	0.19	1.5	0.104	3.55	31.9	22.7	0.37	1420	65.9	0.06	9.9	25.1	1130
N815672		2.54	21.2	0.21	2.7	0.117	3.64	43.2	21.8	0.28	995	13.40	0.09	13.9	8.6	1040
N815673		1.60	16.55	0.15	2.1	0.041	2.50	20.8	19.7	0.15	232	13.15	0.17	13.9	2.9	270
N815674		1.46	19.30	0.14	2.4	0.032	2.75	22.8	34.2	0.16	250	11.05	0.21	13.9	2.8	330
N815675		4.37	18.10	0.22	0.9	0.060	3.40	39.5	31.4	0.51	451	66.7	0.36	8.3	7.4	1150
N815676		4.62	18.30	0.21	0.5	0.056	2.99	23.1	26.0	1.33	257	31.3	1.34	7.7	6.7	1390
N815677		4.66	17.40	0.21	0.5	0.107	3.10	20.5	26.5	1.88	506	41.8	1.41	7.5	7.4	1300
N815678		4.86	18.15	0.21	0.5	0.087	3.50	19.0	27.2	2.32	478	44.0	1.29	7.3	9.5	1370
N815679		5.52	17.80	0.22	0.5	0.179	3.26	27.4	23.8	1.75	684	38.5	0.88	7.6	8.4	1230
N815680		4.48	18.00	0.21	0.5	0.035	3.00	18.2	26.4	2.02	622	28.4	1.42	7.3	9.1	1440
N815681		5.43	17.50	0.20	0.6	0.065	3.03	22.9	18.5	0.97	556	52.2	0.77	7.0	9.1	1410
N815682		4.28	18.35	0.22	0.6	0.036	2.38	17.7	24.7	1.61	437	20.2	0.97	8.6	9.4	1460
N815683		5.74	11.70	0.15	1.6	0.455	1.17	9.4	12.7	1.13	1770	22.8	1.67	3.7	28.9	480
N815684		4.32	18.60	0.17	0.6	0.038	2.45	17.9	25.3	1.62	453	21.6	0.96	8.4	9.4	1490
N815685		4.12	17.15	0.21	0.5	0.032	2.77	21.2	20.3	1.66	322	29.1	1.50	7.1	8.4	1320
N815686		3.80	17.15	0.22	0.5	0.026	3.08	15.2	22.7	2.04	307	13.75	1.60	7.5	9.0	1370
N815687		4.66	17.20	0.21	0.5	0.035	2.90	17.3	20.6	1.90	311	21.3	1.22	7.4	9.2	1360
N815688		3.70	18.90	0.20	0.5	0.035	2.51	19.1	20.2	1.11	296	21.2	0.69	8.4	8.5	1470
M897951		0.51	0.38	0.16	<0.1	0.005	0.03	0.6	1.0	12.85	216	0.27	0.01	0.4	<0.2	160
N815690		3.96	18.75	0.21	0.5	0.122	2.92	25.4	23.7	0.57	356	47.7	0.42	6.8	9.0	1450
N815691		4.98	18.45	0.22	0.5	0.656	3.03	30.2	20.7	0.38	584	59.0	0.09	7.6	9.5	1540
N815692		4.98	17.10	0.20	0.5	0.149	2.68	32.2	26.5	0.42	457	51.1	0.19	7.6	10.0	1340
N815693		4.74	17.10	0.22	0.6	0.031	2.63	21.4	24.7	1.47	345	29.3	1.55	7.8	9.3	1380
N815694		4.31	16.30	0.21	0.5	0.040	3.03	25.1	55.5	1.34	375	32.8	1.07	7.4	8.9	1300
N815695		4.08	15.25	0.24	0.5	0.041	3.10	33.6	63.3	1.42	498	32.8	0.91	7.1	8.6	1250
N815696		4.18	16.70	0.20	0.4	0.043	3.54	21.4	57.8	1.00	452	29.9	0.79	7.2	10.6	1400
N815697		4.73	16.00	0.23	0.4	0.065	4.33	31.6	37.6	0.83	338	40.6	0.93	6.4	10.5	1060
N815698		4.71	20.0	0.19	0.4	0.062	4.08	34.8	36.1	0.41	290	79.3	0.14	5.5	9.0	1160
N815699		4.49	16.80	0.18	0.5	0.056	2.92	33.3	39.6	0.37	400	59.1	0.23	5.8	11.6	1160



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Account: ROCKHA

Project: Klaza TR-12-39 Batch 4

**CERTIFICATE OF ANALYSIS WH12205109**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815664		91.5	163.5	0.003	0.12	11.05	22.9	2	2.9	179.0	0.45	0.21	10.3	0.393	2.55	2.8
N815665		44.5	95.2	0.002	0.10	3.15	23.0	1	2.0	309	0.49	0.05	8.1	0.448	1.32	1.9
N815666		68.3	155.5	0.002	0.14	30.5	22.7	2	3.4	236	0.46	0.10	9.7	0.399	2.33	2.9
N815667		19.4	85.3	0.004	0.06	2.88	21.4	1	2.0	463	0.49	<0.05	7.5	0.455	1.22	1.5
N815668		35.8	92.2	0.003	0.04	2.82	23.3	2	1.8	311	0.45	0.05	7.6	0.440	1.33	1.5
N815669		75.9	134.5	0.003	0.11	16.55	22.3	2	3.3	240	0.45	0.14	8.8	0.403	2.09	2.7
N815670		22.7	186.0	0.006	0.42	33.1	17.6	2	3.0	51.2	0.66	0.16	10.3	0.354	3.38	3.7
N815671		61.1	191.0	0.002	0.36	47.9	17.9	2	2.7	136.5	0.69	0.42	10.0	0.388	3.27	4.8
N815672		21.5	171.5	<0.002	0.11	8.56	8.0	1	1.6	104.5	0.95	<0.05	11.9	0.293	3.11	4.4
N815673		42.8	108.5	<0.002	0.03	7.24	3.6	1	1.9	91.9	1.42	0.13	7.6	0.133	2.13	2.9
N815674		23.7	121.5	<0.002	0.03	6.46	3.9	1	2.0	80.9	1.46	0.07	8.3	0.152	2.30	2.7
N815675		222	168.0	0.005	0.07	25.7	17.8	2	4.7	158.5	0.60	0.19	11.5	0.355	2.28	3.4
N815676		24.2	113.5	0.002	0.04	4.29	19.1	2	3.3	309	0.52	0.09	10.6	0.421	1.24	2.1
N815677		53.2	116.0	0.005	0.04	2.21	19.2	2	4.2	299	0.50	0.10	9.5	0.395	1.51	1.8
N815678		41.1	113.5	0.005	0.06	2.20	20.6	2	4.6	258	0.47	0.11	8.1	0.407	1.63	1.9
N815679		112.5	118.0	0.003	0.18	3.88	19.4	2	7.9	243	0.51	0.20	8.6	0.426	1.85	2.2
N815680		32.3	96.0	0.003	0.02	1.81	19.5	2	2.4	309	0.49	0.05	7.9	0.440	1.51	1.4
N815681		50.4	105.0	0.002	0.25	3.98	20.0	2	3.4	256	0.48	0.07	8.2	0.411	1.57	2.0
N815682		22.8	89.1	0.002	0.01	1.75	20.7	2	2.4	199.0	0.58	<0.05	8.7	0.472	1.24	1.5
N815683		>10000	28.6	0.011	2.38	475	13.1	3	2.2	198.0	0.24	1.17	1.7	0.248	0.46	1.2
N815684		24.4	90.2	0.002	0.02	1.86	20.8	2	2.4	194.5	0.58	<0.05	8.7	0.481	1.20	1.6
N815685		17.8	129.0	0.004	0.05	2.82	19.9	2	2.6	274	0.47	0.05	9.0	0.410	1.35	1.6
N815686		13.0	110.0	0.003	0.02	1.42	19.7	2	2.0	293	0.49	<0.05	7.4	0.429	1.44	1.2
N815687		12.1	105.0	0.004	0.04	1.81	19.7	2	2.7	227	0.49	0.05	7.9	0.417	1.35	1.4
N815688		13.0	113.0	0.002	0.02	4.44	20.5	2	2.7	133.0	0.54	0.05	9.5	0.476	1.36	1.8
M897951		1.4	1.3	<0.002	0.01	0.05	0.3	<1	<0.2	52.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.3
N815690		36.1	137.5	0.004	0.04	13.05	20.3	2	3.0	100.5	0.45	0.06	9.7	0.419	1.52	2.0
N815691		161.5	147.5	0.007	0.07	35.9	21.1	3	3.5	64.0	0.50	0.08	9.8	0.435	1.95	2.4
N815692		69.1	135.5	0.006	0.10	53.7	20.6	2	3.1	94.9	0.50	0.08	10.2	0.406	1.85	2.6
N815693		20.5	88.2	0.004	0.17	4.51	19.7	2	2.2	450	0.53	0.08	8.1	0.433	1.21	1.6
N815694		123.0	118.5	0.003	0.04	4.86	19.6	2	2.0	229	0.48	0.07	8.6	0.414	1.49	1.7
N815695		80.4	115.0	0.004	0.06	2.97	17.7	2	2.0	220	0.46	0.05	8.3	0.386	1.49	1.4
N815696		21.8	139.5	0.004	0.05	17.00	19.5	2	2.7	181.0	0.46	0.05	8.4	0.414	1.76	1.6
N815697		31.8	153.5	0.006	0.07	19.75	17.9	2	4.2	193.5	0.37	0.08	7.1	0.357	1.68	1.7
N815698		61.0	183.0	0.008	0.07	159.0	23.5	3	5.3	99.8	0.31	0.11	8.7	0.319	1.72	2.5
N815699		58.9	142.5	0.005	0.05	117.0	20.2	3	2.6	115.0	0.35	0.08	10.9	0.319	1.36	2.6



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Project: Klaza TR-12-39 Batch 4

**CERTIFICATE OF ANALYSIS WH12205109**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815664		175	10.2	21.1	163	10.5	2	
N815665		180	3.7	17.1	111	10.7	1	
N815666		172	8.4	21.1	160	9.8	1	
N815667		186	2.2	16.7	109	10.7	1	
N815668		195	1.5	17.5	105	10.9	1	
N815669		179	7.3	21.4	261	10.9	2	
N815670		133	7.1	21.6	218	48.1	2	
N815671		129	10.7	17.4	330	51.1	1	
N815672		59	2.0	17.4	251	93.9	<1	
N815673		20	1.7	10.7	91	49.8	1	
N815674		21	1.4	11.0	88	58.7	<1	
N815675		145	8.9	19.6	208	23.6	1	
N815676		173	4.4	19.9	122	9.8	1	
N815677		162	2.9	19.1	189	9.7	1	
N815678		183	3.8	18.9	158	12.2	<1	
N815679		170	7.1	16.2	270	9.8	<1	
N815680		178	4.1	16.2	133	9.5	<1	
N815681		176	10.2	14.9	155	10.5	<1	
N815682		185	4.8	15.3	111	11.3	<1	
N815683		85	0.6	13.5	5410	53.2	105	1.005
N815684		188	4.7	15.4	116	10.8	<1	
N815685		164	4.4	18.0	102	10.1	<1	
N815686		170	2.4	14.8	79	10.0	<1	
N815687		171	2.9	16.3	108	9.2	<1	
N815688		194	2.9	18.7	125	10.2	<1	
M897951		2	0.1	0.8	17	<0.5	<1	
N815690		181	4.9	21.2	195	9.5	<1	
N815691		181	6.8	22.1	507	10.1	<1	
N815692		165	4.9	21.1	400	10.4	<1	
N815693		176	1.9	17.0	115	10.5	<1	
N815694		166	1.8	23.9	125	9.1	<1	
N815695		151	2.1	27.5	105	8.7	<1	
N815696		171	2.8	17.6	134	8.6	<1	
N815697		140	2.7	15.1	129	8.1	1	
N815698		145	5.3	20.7	166	10.3	2	
N815699		153	5.2	21.5	203	11.1	1	



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Project: Klaza TR-12-39 Batch 4

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**CERTIFICATE OF ANALYSIS WH12205109**

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



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**CERTIFICATE WH12206240**

Project: Klaza TR-12-39 Batch 5

P.O. No.: Batch 5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza TR-12-39 Batch 5

**CERTIFICATE OF ANALYSIS WH12206240**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815700		3.59	0.101	1.49	8.28	100.5	1960	1.61	0.64	0.53	1.32	45.6	13.1	18	15.10	1000
N815701		3.18	0.074	1.12	8.12	16.5	3710	1.50	0.60	0.66	1.01	41.5	15.2	15	12.70	771
N815702		4.25	0.077	1.15	8.42	77.8	2470	1.74	0.53	0.85	1.20	50.1	16.3	16	16.75	788
N815703		4.69	0.069	1.25	8.70	80.5	2910	1.79	0.55	0.59	1.22	47.2	17.7	16	18.95	826
N815704		4.08	0.071	0.86	8.45	72.6	3430	1.77	0.63	0.95	1.33	52.1	16.9	17	13.15	726
N815705		3.64	0.066	1.19	8.24	179.5	550	1.81	0.74	0.28	2.49	54.9	22.3	15	26.6	1030
N815706		5.88	0.052	0.98	6.39	67.6	770	1.29	0.69	0.21	1.35	50.7	14.4	23	12.35	654
N815707		4.93	0.049	1.08	8.20	18.4	2340	1.66	0.74	0.39	1.68	55.7	15.2	18	16.05	778
N815708		9.71	0.069	0.84	9.04	10.1	2460	1.71	0.50	0.52	1.17	48.3	22.2	17	12.20	874
N815709		5.18	0.107	1.29	8.96	10.7	2260	1.70	0.60	0.52	1.30	53.8	19.6	17	12.10	738
N815710		4.47	0.041	0.68	9.39	21.1	1870	1.54	0.51	0.32	3.53	50.3	18.4	23	12.65	629
N815711		4.60	0.074	1.67	8.06	55.1	1410	1.45	2.18	0.14	2.50	51.5	16.7	19	20.2	535
N815712		4.31	0.121	2.66	8.32	109.5	920	1.87	2.30	0.16	3.28	43.3	11.7	21	21.2	633
N815713		3.79	0.106	1.69	8.79	112.5	940	2.07	0.89	0.31	1.72	49.1	15.2	18	27.8	651
N815714		4.09	0.127	2.20	8.07	113.0	1160	1.94	1.58	0.32	1.62	39.3	12.4	21	27.0	720
N815715		4.71	0.120	2.12	8.05	90.6	1270	2.44	1.38	0.30	1.68	57.5	14.0	20	27.4	638
N815716		3.29	0.021	0.47	7.77	36.4	1310	2.17	0.45	0.43	1.31	64.7	7.3	22	21.1	116.0
N815717		3.83	0.020	0.36	7.45	32.9	1140	1.93	0.46	0.45	1.98	60.9	7.7	15	15.75	152.0
N815718		3.58	0.010	0.23	7.96	18.1	1000	2.12	0.20	0.39	2.16	69.6	6.7	16	18.75	117.5
N815719		3.60	0.015	0.30	7.79	34.5	1060	2.18	0.27	0.32	1.98	68.0	10.2	15	18.65	134.5
N815720		2.90	0.011	0.31	7.32	35.2	1070	1.76	0.18	0.28	2.72	64.5	7.0	16	18.95	152.0
N815721		0.26	1.425	32.8	8.04	554	1270	1.72	1.13	0.30	32.7	72.8	6.3	18	3.66	134.0
N815722		3.99	0.012	0.37	7.11	61.7	1110	1.77	0.16	0.25	2.62	55.1	7.4	15	19.50	154.5
N815723		6.15	0.012	0.37	8.08	51.8	1340	1.88	0.24	0.26	3.24	65.5	7.7	19	17.65	213
N815724		4.05	0.110	2.01	8.42	297	860	1.62	0.86	0.13	5.51	47.3	5.4	18	29.9	683
N815725		3.95	0.042	1.83	8.43	46.6	1280	1.67	1.15	0.22	3.32	63.0	14.3	17	23.5	866
N815726		3.84	0.091	1.34	8.68	19.3	2720	1.75	0.58	0.75	2.41	55.4	27.0	16	18.05	1090
N815727		3.78	0.089	1.67	8.54	37.9	1440	1.52	1.07	0.34	2.03	54.1	9.2	18	20.1	903
N815728		4.06	0.056	0.90	8.09	11.2	2290	1.34	0.35	1.51	0.83	46.7	18.2	19	6.95	506
N815729		3.47	0.061	0.88	8.48	11.7	2100	1.38	0.46	1.12	1.24	47.0	14.1	19	10.55	671
N815730		4.57	0.083	2.59	8.67	125.5	1180	1.51	1.14	0.51	3.56	58.2	11.1	24	22.6	957
N815731		4.02	0.059	1.20	8.85	25.4	1590	1.60	0.39	0.82	3.49	74.6	30.9	16	20.4	1020
N815732		4.06	<0.005	0.02	0.09	<5	130	0.05	0.02	21.2	0.08	1.50	1.4	<1	0.26	7.2
N815733		3.56	0.065	0.87	8.32	10.2	1980	1.43	0.33	1.59	0.99	49.8	21.8	18	9.73	573
N815734		4.45	0.080	1.36	8.22	9.8	2060	1.30	0.69	0.95	1.06	46.7	10.2	16	10.25	654
N815735		4.08	0.180	7.37	7.94	72.2	1350	1.24	11.85	0.16	2.00	57.3	8.4	21	29.4	748





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**CERTIFICATE OF ANALYSIS WH12206240**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
N815700		3.86	16.70	0.16	0.6	0.077	3.60	20.8	26.8	0.61	357	58.0	0.47	6.9	9.5	1240
N815701		4.65	17.05	0.13	0.4	0.045	2.96	17.6	24.7	1.17	333	67.1	0.58	5.9	10.8	1230
N815702		4.31	18.15	0.15	0.5	0.074	2.73	20.0	25.3	1.01	411	48.2	0.89	7.1	9.9	1250
N815703		4.72	18.75	0.15	0.5	0.057	2.70	17.5	25.4	0.76	507	47.3	0.37	7.5	8.9	1310
N815704		5.06	17.60	0.13	0.5	0.092	2.25	22.8	27.3	1.11	449	36.8	0.84	7.2	10.1	1260
N815705		5.63	16.05	0.14	0.5	0.136	2.51	28.7	32.5	0.38	565	54.5	0.12	5.7	11.2	1250
N815706		3.55	11.35	0.13	0.4	0.067	2.14	23.9	25.2	0.38	520	36.6	0.15	4.1	6.6	870
N815707		4.52	15.85	0.17	0.4	0.066	3.02	27.8	29.2	0.92	486	34.7	0.23	5.9	11.1	1090
N815708		4.93	18.10	0.14	0.5	0.046	3.01	19.4	44.6	1.63	520	27.1	0.27	7.3	12.1	1290
N815709		5.24	17.75	0.12	0.5	0.058	2.43	25.0	40.3	1.31	504	33.6	0.45	6.2	10.3	1210
N815710		3.88	18.65	0.14	0.6	0.033	3.03	19.9	59.3	0.34	1160	25.9	0.11	7.9	11.0	1350
N815711		5.35	15.60	0.16	0.5	0.185	3.61	24.1	51.7	0.38	468	35.6	0.11	5.3	7.9	1000
N815712		5.33	15.30	0.12	0.6	1.105	3.62	18.8	11.7	0.45	1060	51.4	0.06	5.4	6.9	940
N815713		4.24	18.00	0.15	0.6	0.049	3.14	21.4	23.8	0.40	1200	39.0	0.05	7.0	9.7	1220
N815714		3.95	15.45	0.12	0.7	0.067	3.37	16.8	20.4	0.45	1680	40.6	0.11	6.2	9.6	1110
N815715		3.78	16.70	0.15	1.5	0.161	3.03	29.1	23.5	0.39	1020	32.7	0.07	6.5	12.0	1010
N815716		2.58	18.90	0.15	2.5	0.046	2.86	30.5	36.2	0.29	1020	13.95	0.18	9.1	12.2	840
N815717		2.77	17.05	0.14	1.6	0.046	2.52	28.8	31.7	0.31	1160	13.70	0.21	8.0	8.5	860
N815718		2.42	18.40	0.13	1.7	0.032	2.64	29.6	29.9	0.26	992	9.44	0.10	8.8	7.3	890
N815719		2.57	18.50	0.14	1.8	0.043	2.78	32.8	35.5	0.25	1460	14.15	0.11	8.9	8.5	890
N815720		2.49	19.30	0.17	1.6	0.037	2.86	32.6	36.9	0.23	800	11.45	0.09	9.5	9.5	860
N815721		5.69	24.7	0.25	2.2	0.256	3.72	35.4	24.6	0.29	1050	6.29	0.08	12.9	7.4	1760
N815722		2.54	19.50	0.18	1.8	0.041	3.02	26.1	36.8	0.22	757	12.15	0.07	9.7	9.1	870
N815723		2.71	21.7	0.21	2.2	0.043	3.20	31.5	47.8	0.24	744	18.05	0.11	10.5	11.6	920
N815724		5.70	18.75	0.23	0.6	0.069	3.79	32.7	8.8	0.45	419	86.3	0.06	7.7	8.2	900
N815725		4.93	18.05	0.23	0.5	0.082	3.53	35.0	18.3	0.54	799	85.8	0.26	5.7	9.1	960
N815726		5.00	20.5	0.21	0.5	0.063	2.67	27.6	33.4	1.11	845	50.4	1.22	6.7	11.4	1330
N815727		6.10	19.55	0.23	0.5	0.091	3.74	33.2	19.9	0.83	219	68.0	0.54	6.4	7.9	1060
N815728		4.54	20.0	0.21	0.5	0.038	2.62	21.8	26.6	1.79	411	36.1	1.80	8.4	9.9	1310
N815729		5.23	21.1	0.22	0.5	0.052	3.12	26.9	28.3	1.73	424	41.4	1.33	8.0	9.0	1270
N815730		6.65	19.70	0.25	0.5	0.467	3.56	32.5	12.6	0.70	517	97.1	0.46	6.9	7.9	1130
N815731		4.54	21.2	0.21	0.6	0.045	2.44	27.3	29.0	1.01	1840	42.5	0.77	8.0	10.8	1370
N815732		0.49	0.35	0.32	<0.1	0.007	0.04	0.7	1.0	12.90	199	0.67	0.01	0.4	2.2	200
N815733		4.68	20.2	0.23	0.5	0.035	2.64	23.5	21.7	1.88	402	37.5	1.67	7.6	9.2	1360
N815734		5.19	20.6	0.23	0.5	0.056	3.10	27.3	18.9	1.56	216	56.0	1.20	7.0	8.4	1160
N815735		5.86	18.80	0.24	0.4	0.139	3.53	38.5	14.3	0.43	192	74.0	0.21	5.4	6.5	830



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Project: Klaza TR-12-39 Batch 5

**CERTIFICATE OF ANALYSIS WH12206240**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815700		48.4	165.5	0.009	0.06	30.1	19.4	2	3.1	171.0	0.44	0.05	11.2	0.382	1.87	2.3
N815701		28.8	141.0	0.005	0.08	6.43	19.3	1	2.4	288	0.40	0.06	11.1	0.346	1.60	2.0
N815702		137.0	145.5	0.009	0.06	28.6	20.5	2	2.8	245	0.47	0.06	11.6	0.378	1.93	2.4
N815703		214	131.5	0.006	0.06	31.3	21.4	2	3.3	161.5	0.47	0.09	10.9	0.408	1.88	2.5
N815704		49.1	118.0	0.005	0.10	30.2	19.9	3	2.5	288	0.44	0.09	11.8	0.380	1.42	2.6
N815705		52.5	156.5	0.008	0.06	137.0	20.7	2	2.4	74.6	0.38	0.14	12.8	0.325	2.07	4.1
N815706		45.9	118.5	0.006	0.05	27.3	14.4	2	2.4	83.5	0.28	0.06	10.7	0.246	1.50	2.5
N815707		35.4	146.5	0.004	0.05	12.90	19.6	2	2.4	125.5	0.38	0.06	12.2	0.335	1.65	2.5
N815708		22.9	120.5	0.004	0.04	4.96	21.1	2	2.3	136.0	0.44	0.06	10.8	0.403	1.53	2.2
N815709		28.5	118.0	0.003	0.15	6.07	20.1	2	2.2	161.5	0.40	0.07	12.0	0.370	1.32	2.2
N815710		38.3	134.5	0.002	0.01	9.68	21.3	2	2.2	93.0	0.52	0.07	12.6	0.415	1.70	2.5
N815711		162.0	162.0	0.005	0.09	26.8	19.6	2	5.7	96.5	0.35	0.33	13.3	0.306	2.22	3.1
N815712		466	196.0	0.006	0.06	28.8	19.6	2	8.2	42.5	0.38	0.22	11.3	0.316	3.18	3.2
N815713		53.9	190.5	0.006	0.05	19.80	20.5	2	2.2	63.1	0.44	0.07	12.5	0.370	2.97	3.2
N815714		103.5	205	0.007	0.08	27.3	16.5	1	2.0	58.5	0.42	0.06	10.3	0.336	3.40	3.3
N815715		155.5	183.5	0.008	0.10	44.7	16.3	2	4.1	54.8	0.46	0.10	13.0	0.296	2.98	5.1
N815716		70.9	153.0	0.005	0.02	12.05	8.1	1	1.9	65.8	0.66	0.06	12.4	0.268	2.40	3.9
N815717		86.2	130.0	0.003	0.02	7.82	7.6	1	1.7	63.6	0.60	0.05	11.0	0.260	1.90	3.6
N815718		46.6	141.5	0.003	0.01	8.76	7.2	1	1.6	45.9	0.63	<0.05	11.6	0.275	2.06	3.7
N815719		59.2	146.0	0.002	0.01	10.45	7.3	1	1.5	53.4	0.63	<0.05	11.6	0.280	2.23	3.8
N815720		65.3	123.0	<0.002	0.01	10.05	6.9	1	1.4	46.8	0.64	<0.05	10.8	0.277	2.08	3.8
N815721		4040	174.0	0.004	0.62	66.6	15.2	4	21.9	387	0.82	0.31	7.9	0.461	2.03	3.8
N815722		77.8	120.5	<0.002	0.01	8.24	6.1	1	1.3	45.1	0.71	0.05	9.7	0.283	2.26	3.7
N815723		37.3	136.0	<0.002	0.01	6.64	7.6	1	1.6	65.9	0.77	<0.05	11.8	0.302	2.55	4.5
N815724		228	201	0.002	0.30	31.4	19.0	2	3.6	79.1	0.49	0.13	12.0	0.391	3.67	4.1
N815725		55.4	183.0	0.007	0.18	10.05	20.0	2	6.3	127.5	0.37	0.13	11.2	0.301	2.68	3.3
N815726		30.7	115.5	0.006	0.09	7.05	19.3	2	2.4	260	0.43	0.10	12.0	0.358	1.65	2.9
N815727		65.5	173.0	0.003	0.09	5.83	18.7	3	5.0	143.0	0.41	0.13	13.6	0.331	2.04	2.9
N815728		46.6	81.7	0.012	0.08	1.67	18.2	2	2.3	385	0.54	0.06	10.8	0.413	1.23	2.0
N815729		65.2	120.0	0.006	0.04	1.39	20.0	2	3.6	287	0.51	0.07	12.0	0.399	1.55	2.3
N815730		868	180.0	0.004	0.12	15.60	19.6	3	6.5	153.5	0.40	0.13	13.9	0.341	2.45	4.3
N815731		42.1	117.0	0.002	0.03	4.78	21.2	2	2.7	210	0.52	0.07	14.0	0.434	1.70	3.1
N815732		5.9	1.9	<0.002	<0.01	0.09	0.3	1	<0.2	49.5	<0.05	<0.05	0.2	<0.005	0.02	0.9
N815733		16.3	89.8	0.008	0.06	1.27	20.1	2	2.8	374	0.48	0.05	11.4	0.434	1.27	2.1
N815734		56.3	124.0	0.007	0.10	1.57	19.1	2	3.6	281	0.44	0.08	11.3	0.370	1.43	2.4
N815735		340	185.5	0.003	0.85	52.5	16.8	2	6.9	105.5	0.35	0.24	13.0	0.295	2.05	3.1



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Project: Klaza TR-12-39 Batch 5

**CERTIFICATE OF ANALYSIS WH12206240**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815700		156	12.1	17.2	125	13.1	<1
N815701		160	6.0	17.9	105	7.8	1
N815702		159	5.7	19.2	168	9.9	<1
N815703		171	5.7	18.0	266	9.8	<1
N815704		159	6.5	20.3	174	10.6	<1
N815705		152	7.1	23.8	253	9.6	<1
N815706		109	9.6	15.3	122	8.5	<1
N815707		150	5.7	20.1	211	9.4	<1
N815708		177	5.6	18.2	164	10.4	<1
N815709		166	6.4	17.9	158	10.0	<1
N815710		186	16.0	21.1	196	10.8	<1
N815711		158	14.8	16.1	307	10.2	1
N815712		155	19.6	14.2	416	11.2	2
N815713		162	6.5	18.2	199	11.5	1
N815714		140	5.6	15.7	147	14.8	2
N815715		123	6.6	18.5	195	47.6	2
N815716		58	2.2	13.1	162	77.5	<1
N815717		57	2.0	11.6	176	38.6	<1
N815718		54	1.8	10.5	168	45.1	<1
N815719		53	1.9	11.7	194	47.2	<1
N815720		51	2.1	12.2	187	46.5	<1
N815721		143	3.9	19.7	2490	58.8	32
N815722		50	2.4	9.9	175	49.8	<1
N815723		55	2.6	12.2	230	64.4	<1
N815724		158	9.8	14.6	232	12.7	2
N815725		147	13.7	20.2	180	10.6	2
N815726		154	3.3	24.7	234	10.3	1
N815727		157	14.4	17.2	208	9.6	1
N815728		155	2.5	19.0	125	11.2	1
N815729		166	6.7	20.1	181	9.9	1
N815730		155	15.3	18.9	601	10.4	2
N815731		171	4.7	25.5	465	12.9	1
N815732		2	0.2	0.9	18	<0.5	<1
N815733		169	4.8	20.3	116	11.5	1
N815734		156	7.1	18.6	136	10.2	1
N815735		140	14.7	16.3	214	9.4	7



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**CERTIFICATE OF ANALYSIS WH12206240**

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



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**CERTIFICATE WH12206241**

Project: Klaza TR-12-39 Batch 6

P.O. No.: Batch 6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 19-SEP-2012  
Account: ROCKHA

Project: Klaza TR-12-39 Batch 6

**CERTIFICATE OF ANALYSIS WH12206241**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815736		3.75	0.206	1.64	7.74	58.5	2180	1.74	1.42	1.23	0.78	46.1	16.1	18	9.28	502
N815737		4.10	0.106	2.63	7.50	21.7	2350	1.81	1.67	1.07	0.92	38.4	13.4	16	7.54	568
N815738		3.51	0.166	1.31	7.22	42.8	2090	1.63	1.01	1.22	0.80	40.4	9.1	16	5.71	404
N815739		4.21	0.130	2.03	7.28	43.2	2440	1.55	1.79	0.65	0.97	49.5	8.9	15	10.90	349
N815740		4.85	0.091	2.48	7.40	29.0	1660	1.48	1.76	0.37	0.91	49.1	6.4	17	11.60	395
N815741		4.46	0.102	1.42	6.98	21.6	2080	1.55	0.98	0.85	0.67	36.4	11.5	16	8.12	351
N815742		4.38	0.148	5.19	7.28	59.0	960	1.47	8.83	0.11	1.98	59.2	6.6	17	14.60	481
N815743		3.90	0.138	2.61	8.05	83.3	1550	1.72	2.35	0.22	2.73	51.5	13.8	16	18.65	687
N815744		3.86	0.178	2.83	6.95	148.0	850	1.14	2.08	0.16	2.18	57.3	3.3	15	26.8	478
N815745		5.77	0.205	2.68	8.00	162.5	1570	2.01	1.65	0.35	4.58	61.2	18.4	17	24.0	863
N815746		3.70	0.657	4.03	7.74	211	1830	1.67	4.85	0.35	2.13	55.5	6.5	14	21.0	420
N815747		3.82	0.104	1.38	8.33	114.5	3210	1.62	0.88	0.72	2.46	55.1	15.3	16	19.40	597
N815748		4.46	0.140	2.14	8.05	240	1030	1.52	1.46	0.30	4.61	54.4	12.4	16	27.3	691
N815749		3.84	0.257	2.99	7.12	229	2670	1.30	2.49	0.38	2.98	66.1	5.0	13	25.5	539
N815750		3.78	0.188	1.63	7.91	61.2	2320	1.43	1.37	0.99	1.87	58.3	10.6	13	14.50	497
N815751		4.11	0.094	4.00	7.10	97.3	1400	1.32	4.76	0.26	2.51	62.4	5.3	12	26.7	583
N815752		4.60	0.100	1.99	7.59	62.5	1940	1.45	1.41	0.60	2.53	64.3	13.0	12	14.10	673
N815753		3.99	0.090	1.66	7.87	60.3	2650	1.52	1.33	0.63	3.20	67.2	14.4	15	11.00	502
N815754		3.90	0.134	3.50	8.18	102.0	790	1.70	0.73	0.24	4.82	63.3	13.7	14	25.6	986
N815755		3.62	0.064	1.71	7.75	54.1	2360	1.37	1.25	0.65	4.22	69.7	12.0	15	15.35	429
N815756		4.54	0.181	13.50	6.43	144.0	1870	1.11	25.4	0.13	5.53	48.2	3.1	13	13.85	384
N815757		5.35	0.168	7.10	8.07	186.5	2150	1.74	0.93	0.33	16.75	56.5	11.8	13	22.7	611
N815758		4.11	0.096	3.61	8.30	196.0	2360	1.78	0.97	0.34	33.8	65.5	16.7	16	23.8	865
N815759		4.16	0.074	2.46	8.36	39.5	1140	1.37	1.35	0.34	3.32	57.0	14.0	20	18.15	656
N815760		5.72	1.115	34.4	8.41	439	1340	0.99	44.3	0.16	5.73	89.3	2.0	19	17.20	662
N815761		2.26	<0.005	0.07	0.07	<5	30	0.07	0.08	20.5	0.08	1.40	0.5	<1	0.16	3.9
N815762		4.12	0.177	4.90	8.03	114.0	3020	1.07	3.41	0.53	4.15	65.5	11.0	47	18.35	711
N815763		4.61	0.053	0.83	7.72	14.6	1440	1.47	0.72	1.29	1.63	41.0	18.6	166	11.50	492
N815764		4.96	0.100	1.24	7.98	74.6	1600	1.53	0.84	0.31	2.99	52.4	12.4	74	19.35	757
N815765		5.29	0.163	1.87	7.76	158.5	1080	1.60	1.25	0.32	4.83	54.4	13.1	85	20.7	635
N815766		0.26	0.288	>100	5.41	243	430	0.60	4.76	1.52	25.4	18.10	11.7	66	0.86	6220
N815767		3.51	0.046	1.58	7.46	22.9	1290	1.35	2.26	0.73	2.03	39.6	16.5	183	13.15	530
N815768		4.48	0.101	3.29	7.90	74.6	1450	1.51	2.84	0.36	2.93	50.3	12.9	106	17.60	866
N815769		5.04	0.049	1.23	7.73	25.4	1140	1.46	1.49	0.50	2.04	48.5	13.7	76	15.55	704
N815770		6.10	0.046	0.79	8.24	24.8	1810	1.35	0.53	0.51	2.24	54.7	16.5	45	20.1	611
N815771		4.71	0.072	0.91	7.96	15.2	2300	1.48	0.68	1.16	1.68	49.8	15.4	97	10.90	544



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Account: ROCKHA

Project: Klaza TR-12-39 Batch 6

**CERTIFICATE OF ANALYSIS WH12206241**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815736		4.12	18.20	0.10	0.6	0.054	2.56	16.9	15.9	1.47	378	25.0	1.40	7.4	9.0	1230
N815737		4.67	17.70	0.12	0.6	0.096	2.85	17.5	17.3	1.66	520	33.3	1.10	7.0	8.7	1220
N815738		4.73	15.90	0.12	0.6	0.083	2.63	18.4	13.6	1.57	215	43.2	1.41	6.4	8.4	1260
N815739		4.43	16.80	0.14	0.5	0.112	3.37	26.1	14.3	1.12	301	38.0	0.91	6.2	7.8	1030
N815740		4.61	15.80	0.15	0.5	0.159	3.25	27.5	14.8	0.89	187	49.4	0.55	6.1	6.3	890
N815741		4.40	16.45	0.16	0.5	0.074	2.77	16.3	19.9	1.25	187	33.3	1.12	6.9	8.3	1060
N815742		4.37	14.35	0.18	0.5	0.230	3.40	33.0	9.2	0.42	352	61.4	0.10	5.0	7.1	780
N815743		4.41	19.00	0.12	0.5	0.132	3.75	21.5	10.6	0.43	866	50.0	0.27	6.2	10.3	1110
N815744		5.76	16.05	0.22	0.5	0.171	3.43	32.5	8.0	0.43	226	90.8	0.09	5.0	4.8	850
N815745		7.14	17.70	0.16	0.5	0.168	3.13	33.3	15.8	0.43	1310	94.6	0.48	6.6	11.5	1480
N815746		4.83	20.6	0.19	0.5	0.096	3.50	32.8	14.0	0.55	211	52.6	0.67	6.0	6.5	740
N815747		4.55	18.15	0.14	0.6	0.073	3.11	28.8	19.7	0.72	501	43.6	0.87	8.1	10.0	1290
N815748		4.90	17.75	0.15	0.6	0.115	3.36	31.6	15.9	0.41	759	51.6	0.17	7.6	9.4	1080
N815749		5.79	16.70	0.19	0.5	0.194	3.61	41.0	14.7	0.52	243	45.4	0.46	5.9	5.9	900
N815750		5.37	17.70	0.18	0.6	0.116	3.30	32.5	18.5	0.96	349	37.1	1.33	6.9	8.0	1080
N815751		5.27	15.05	0.18	0.7	0.324	3.30	39.6	12.2	0.46	209	80.3	0.26	4.8	5.5	790
N815752		4.46	15.60	0.18	0.5	0.131	3.42	34.3	17.3	0.76	576	63.5	0.99	5.9	8.5	1120
N815753		3.98	16.55	0.19	0.7	0.078	3.77	32.5	20.7	0.89	1170	49.6	0.86	6.9	8.2	1110
N815754		4.66	17.15	0.18	0.6	0.146	3.60	34.0	14.6	0.46	1040	84.6	0.20	6.5	6.8	1080
N815755		4.68	16.40	0.22	0.7	0.115	2.96	37.4	20.5	0.58	852	75.2	0.90	7.3	8.1	1160
N815756		3.94	12.50	0.16	0.6	0.611	2.96	31.9	12.3	0.32	641	72.3	0.09	5.6	4.4	540
N815757		5.25	17.05	0.16	0.6	0.115	3.49	34.5	13.8	0.39	4760	86.7	0.17	7.1	12.7	1170
N815758		5.20	17.55	0.19	0.6	0.095	3.47	34.2	13.9	0.47	7730	85.0	0.20	7.4	27.7	1230
N815759		4.38	16.95	0.18	0.5	0.096	3.12	28.6	26.6	0.38	707	100.0	0.14	6.2	8.8	1260
N815760		5.55	16.80	0.24	0.6	2.51	3.90	56.1	8.3	0.36	235	133.0	0.09	6.0	3.8	710
N815761		0.45	0.20	0.12	<0.1	0.010	0.03	0.7	1.0	12.95	199	0.80	0.01	0.1	0.8	190
N815762		5.31	16.75	0.18	0.6	0.328	3.28	36.0	20.6	0.95	677	84.0	0.54	6.3	17.3	970
N815763		4.47	17.15	0.18	1.3	0.046	2.36	21.6	25.4	2.00	687	33.3	1.65	6.5	50.7	900
N815764		4.02	17.55	0.20	1.6	0.051	3.19	30.4	22.3	0.46	982	45.4	0.50	5.9	21.1	770
N815765		3.48	16.30	0.17	1.6	0.041	3.15	25.8	15.0	0.50	2340	35.0	0.26	6.5	23.3	770
N815766		5.78	11.95	0.13	1.6	0.452	1.13	8.6	12.7	1.14	1770	21.0	1.61	3.1	28.3	460
N815767		4.48	17.60	0.14	1.7	0.055	2.50	21.4	26.6	1.54	523	23.5	1.39	6.6	48.5	790
N815768		5.21	19.00	0.16	1.6	0.179	3.19	28.4	29.1	1.05	691	78.8	0.58	6.0	29.6	790
N815769		3.91	17.80	0.16	1.7	0.095	2.69	25.1	25.2	1.05	526	36.3	1.05	6.7	24.1	730
N815770		3.94	17.30	0.15	0.9	0.044	2.89	24.5	29.7	0.81	587	28.3	0.51	7.7	15.7	1040
N815771		4.40	16.75	0.16	0.9	0.052	3.22	24.0	24.8	1.69	571	34.4	1.46	7.0	30.5	1090



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Project: Klaza TR-12-39 Batch 6

**CERTIFICATE OF ANALYSIS WH12206241**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815736		49.7	100.0	0.005	0.07	2.93	18.1	2	5.0	335	0.49	0.11	10.6	0.409	1.31	2.3
N815737		161.5	104.0	0.005	0.05	2.25	18.3	2	3.8	267	0.48	0.10	11.1	0.377	1.63	2.5
N815738		53.1	81.5	0.009	0.12	2.32	15.9	1	3.3	317	0.46	0.08	10.5	0.349	1.41	2.4
N815739		105.5	143.5	0.008	0.35	2.58	16.9	2	4.8	214	0.41	0.14	11.8	0.319	1.98	2.1
N815740		147.5	144.0	0.005	0.21	3.36	17.1	2	6.5	138.5	0.38	0.24	13.5	0.311	1.95	2.3
N815741		47.4	77.9	0.005	0.10	2.41	15.3	2	2.6	232	0.45	0.11	10.1	0.348	1.48	2.0
N815742		467	163.5	0.008	0.15	8.32	16.8	3	7.0	76.3	0.34	0.92	11.7	0.276	2.27	3.0
N815743		166.5	180.5	0.007	0.20	8.56	19.2	2	7.7	110.5	0.40	0.20	12.1	0.314	2.75	3.9
N815744		172.5	192.5	0.008	0.83	11.50	15.7	1	7.1	96.8	0.33	0.14	14.5	0.280	2.72	3.0
N815745		169.5	159.0	0.005	0.25	18.00	19.4	2	5.8	152.5	0.45	0.09	19.1	0.331	2.39	4.4
N815746		113.0	193.5	0.006	0.61	5.68	17.9	1	15.1	187.5	0.41	0.36	12.5	0.288	2.12	2.6
N815747		53.1	139.0	0.006	0.14	22.5	16.6	1	3.7	271	0.55	0.05	13.5	0.396	2.03	3.3
N815748		84.4	173.0	0.004	0.35	64.5	16.3	2	6.1	125.0	0.50	0.16	13.2	0.378	2.77	4.2
N815749		107.0	175.0	0.003	0.86	37.2	15.3	1	7.3	237	0.41	0.31	14.5	0.312	2.45	3.4
N815750		71.1	135.5	0.002	0.43	3.16	15.1	1	4.5	325	0.48	0.12	14.9	0.347	1.91	2.9
N815751		217	167.0	0.007	0.56	10.60	14.7	2	4.2	141.5	0.32	0.47	16.1	0.270	2.61	3.8
N815752		161.0	155.5	0.005	0.10	5.31	14.5	2	2.7	211	0.39	0.11	14.9	0.311	1.99	3.4
N815753		111.0	157.0	0.005	0.08	7.26	15.4	1	2.9	226	0.51	<0.05	15.3	0.346	2.26	2.7
N815754		480	187.5	0.006	0.22	9.58	15.7	1	4.9	73.4	0.48	0.07	14.7	0.340	2.92	3.5
N815755		177.0	133.5	0.012	0.13	9.12	15.4	1	3.2	234	0.55	0.18	16.5	0.353	2.09	3.1
N815756		800	132.5	0.005	0.38	23.5	13.3	4	8.8	76.1	0.39	3.98	11.0	0.270	2.31	3.0
N815757		2500	166.0	0.003	0.21	22.3	16.1	2	3.9	124.0	0.51	0.12	15.2	0.370	3.05	4.8
N815758		302	178.5	<0.002	0.15	21.8	18.3	2	3.2	159.5	0.52	0.11	14.6	0.357	3.83	5.6
N815759		75.4	151.5	0.011	0.04	15.05	16.1	1	2.8	96.1	0.43	0.18	13.5	0.351	2.60	3.4
N815760		1525	179.5	0.003	0.83	28.1	17.6	7	18.0	79.2	0.42	4.30	15.2	0.345	3.54	3.2
N815761		5.2	1.3	<0.002	<0.01	0.12	0.2	<1	0.2	50.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
N815762		253	145.0	0.005	0.45	8.67	16.9	2	3.9	208	0.44	0.35	12.3	0.365	2.31	2.8
N815763		71.5	95.0	0.010	0.05	2.46	15.5	1	2.6	312	0.49	0.09	9.9	0.324	1.50	2.3
N815764		53.8	148.0	0.005	0.06	19.65	10.7	1	2.6	119.5	0.52	0.10	12.1	0.231	2.34	3.3
N815765		69.2	156.0	0.002	0.05	35.0	10.4	1	1.7	70.7	0.56	0.11	11.0	0.253	2.82	3.2
N815766		>10000	26.4	0.010	2.31	460	11.5	1	1.9	189.0	0.20	1.05	2.0	0.251	0.50	1.3
N815767		85.6	99.4	0.004	0.05	4.70	12.9	1	3.0	244	0.55	0.09	8.9	0.282	1.70	2.5
N815768		145.5	157.5	0.004	0.05	8.93	12.3	1	5.9	128.0	0.48	0.16	10.5	0.238	2.39	3.5
N815769		82.5	121.5	<0.002	0.02	6.78	11.1	1	2.6	172.5	0.55	0.07	12.2	0.232	1.70	2.7
N815770		53.7	118.0	<0.002	0.02	7.32	14.5	1	2.5	144.5	0.55	<0.05	11.9	0.349	1.60	2.6
N815771		54.4	122.5	0.007	0.06	2.99	15.7	2	2.5	302	0.51	0.07	12.5	0.370	1.62	2.4





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Project: Klaza TR-12-39 Batch 6

**CERTIFICATE OF ANALYSIS WH12206241**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815736		153	2.1	15.1	120	10.8	1	
N815737		144	3.4	16.4	206	10.7	2	
N815738		138	5.3	15.8	141	9.7	1	
N815739		133	7.4	12.9	178	10.7	2	
N815740		135	12.8	12.2	192	9.4	2	
N815741		138	2.6	13.6	152	9.4	1	
N815742		139	18.8	13.3	313	10.2	5	
N815743		142	8.5	17.0	352	10.2	2	
N815744		125	5.3	12.4	254	9.5	2	
N815745		132	3.8	23.0	473	9.6	2	
N815746		135	6.3	14.7	172	10.0	4	
N815747		147	3.1	20.5	278	10.6	1	
N815748		139	4.6	19.9	312	11.1	2	
N815749		129	5.2	16.0	340	12.5	3	
N815750		134	3.5	17.4	272	10.1	2	
N815751		123	9.0	16.6	323	9.8	4	
N815752		121	3.8	20.2	388	11.1	2	
N815753		133	5.2	17.6	371	13.2	1	
N815754		142	5.3	16.7	548	11.6	4	
N815755		133	34.7	18.5	518	12.6	2	
N815756		132	45.4	11.9	520	9.9	14	
N815757		140	8.2	20.8	1460	10.6	8	
N815758		142	8.8	24.2	1060	11.6	3	
N815759		145	4.2	20.5	340	10.5	2	
N815760		145	45.2	13.6	324	11.6	34	
N815761		3	0.1	0.9	17	<0.5	<1	
N815762		149	12.8	18.1	290	13.9	5	
N815763		132	3.5	14.2	228	35.1	2	
N815764		93	4.5	15.3	216	41.1	1	
N815765		94	3.3	14.9	239	39.9	2	
N815766		82	0.6	12.9	5360	45.7	101	1.035
N815767		111	3.9	13.3	231	48.9	2	
N815768		99	5.1	14.8	380	47.6	3	
N815769		88	2.9	15.4	282	49.6	1	
N815770		130	3.9	17.9	261	21.4	1	
N815771		142	3.7	17.1	201	20.2	1	



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Project: Klaza TR-12-39 Batch 6

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**CERTIFICATE OF ANALYSIS WH12206241**

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



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**CERTIFICATE WH12206242**

Project: Klaza TR-12-39 Batch 7

P.O. No.: Batch 7

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza TR-12-39 Batch 7

**CERTIFICATE OF ANALYSIS WH12206242**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815772		4.83	0.059	1.40	7.69	48.3	3090	1.80	1.12	0.52	2.62	46.2	13.5	14	18.35	888
N815773		3.79	0.073	1.44	7.38	78.6	1050	1.88	1.67	0.27	3.12	46.1	13.0	13	20.8	1145
N815774		4.57	0.148	1.74	7.89	93.5	1540	1.55	0.43	0.28	3.31	51.0	13.5	13	19.65	922
N815775		3.47	0.173	2.14	7.46	170.5	1340	1.66	0.56	0.21	5.18	62.5	19.1	12	23.6	1395
N815776		3.83	0.177	1.99	8.17	93.4	3200	1.51	0.49	0.28	2.81	55.5	19.3	13	18.95	1315
N815777		3.93	0.165	1.66	7.37	95.1	820	1.39	0.63	0.19	2.67	54.8	12.4	12	17.25	999
N815778		4.44	0.094	1.26	6.80	67.0	550	1.35	0.60	0.20	2.93	57.6	12.8	10	18.20	909
N815779		4.45	0.062	0.98	8.00	44.9	1950	1.53	0.54	0.32	2.50	59.6	13.4	12	20.1	771
N815780		5.59	0.070	0.67	7.96	16.5	2080	1.63	0.32	0.59	1.48	45.8	19.7	12	12.50	645
N815781		5.16	0.027	1.11	7.73	11.0	1860	1.66	1.04	0.52	1.64	42.4	15.7	10	13.25	636
N815782		3.49	0.062	2.86	7.31	15.1	1650	1.47	3.13	0.41	1.72	38.6	10.1	11	11.20	727
N815783		5.30	0.047	1.01	7.90	10.4	2240	1.61	0.73	1.07	1.57	45.0	14.3	12	9.29	567
N815784		6.72	0.043	0.92	7.55	10.5	2160	1.57	0.49	1.18	1.59	43.8	14.7	15	8.90	495
N815785		4.04	0.089	1.14	8.03	29.9	2140	1.91	1.13	1.19	2.64	64.4	15.3	16	10.40	668
N815786		3.64	0.056	1.37	7.78	19.4	2140	1.69	0.81	0.61	3.00	63.5	17.9	13	16.15	632
N815787		5.51	0.064	0.95	7.66	12.4	2340	1.69	0.46	1.16	1.89	56.9	16.0	15	6.47	455
N815788		4.89	0.069	1.50	7.24	25.9	1760	1.51	0.97	0.37	2.79	51.8	17.9	13	13.25	703
N815789		6.02	0.066	0.94	7.73	10.7	2110	1.55	0.31	0.73	2.48	55.1	16.2	12	10.15	504
N815790		4.65	0.069	0.67	7.80	24.5	2480	1.73	0.32	1.01	4.23	57.6	16.9	14	9.41	463
N815791		5.09	0.431	2.71	7.87	196.0	1440	2.04	1.11	0.22	35.1	97.4	40.0	10	25.2	1560
N815792		3.83	0.066	0.89	8.32	14.3	2510	1.78	0.56	0.92	9.22	68.9	24.3	11	10.00	681
N815793		4.23	0.095	1.69	8.36	20.1	1740	1.72	0.87	0.30	14.35	71.1	37.1	11	19.55	992
N815794		3.96	0.069	2.28	7.78	13.2	2020	1.74	2.63	1.19	4.91	44.2	17.0	14	8.49	556
N815795		4.97	0.060	4.26	6.68	27.3	1430	1.16	3.99	0.25	13.45	53.9	2.5	9	22.0	504
N815796		4.76	0.060	1.34	7.66	18.1	1960	1.53	0.76	0.34	2.89	53.0	9.5	16	12.75	532
N815797		5.65	0.112	2.14	7.45	70.4	2390	1.27	1.58	0.36	3.25	53.6	3.9	11	16.20	444
N815798		6.21	0.092	2.37	7.55	82.4	1920	1.33	1.90	0.20	4.23	58.5	3.8	11	20.8	437
N815799		5.54	0.112	1.40	7.78	31.5	2750	1.66	1.49	0.15	5.68	43.2	15.1	12	16.55	648
N815800		6.50	0.109	1.46	7.44	50.3	2270	1.34	1.50	0.06	2.50	46.4	4.0	11	12.95	269
N815801		2.41	<0.005	0.01	0.07	<5	20	0.06	0.03	19.35	0.06	1.06	1.6	<1	0.39	3.4
N815802		5.75	0.173	1.51	7.50	40.5	2350	1.26	1.07	0.20	3.59	50.9	5.7	11	19.05	390
N815803		5.04	0.089	1.71	7.81	13.4	1960	1.63	0.92	0.62	4.34	48.5	16.0	11	12.35	494
N815804		4.47	0.288	1.77	6.97	17.9	2210	1.21	1.49	0.37	3.07	58.4	7.0	11	17.75	449
N815805		3.38	0.297	6.31	7.96	65.7	1860	1.81	1.15	0.52	4.71	58.7	15.2	11	16.85	571
N815806		0.22	1.425	31.2	7.65	516	1240	1.80	1.13	0.28	29.7	61.5	6.3	17	3.20	128.5
N815807		5.81	0.148	18.60	7.74	111.5	1890	1.35	0.80	0.40	11.95	66.0	8.9	13	25.9	394



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Project: Klaza TR-12-39 Batch 7

**CERTIFICATE OF ANALYSIS WH12206242**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815772		4.14	18.15	0.16	0.7	0.087	3.54	26.7	17.2	0.51	607	48.8	0.64	7.5	7.3	1070
N815773		4.79	16.90	0.20	0.6	0.097	3.48	29.3	14.8	0.39	721	60.5	0.23	5.6	7.6	970
N815774		3.59	18.00	0.17	0.7	0.062	3.41	26.4	17.6	0.33	1220	49.7	0.25	7.7	6.8	1050
N815775		4.00	18.20	0.16	0.6	0.067	3.45	34.6	14.0	0.40	4420	96.7	0.04	6.1	7.8	950
N815776		3.44	19.75	0.18	0.6	0.061	3.92	27.0	19.8	0.32	1280	66.2	0.23	7.2	6.8	1120
N815777		3.91	16.85	0.19	0.5	0.063	3.29	30.0	19.3	0.34	891	68.1	0.07	5.2	5.7	900
N815778		3.75	15.40	0.19	0.4	0.043	2.94	31.1	17.6	0.33	1080	72.1	0.04	5.0	6.4	890
N815779		3.87	17.35	0.17	0.5	0.042	3.32	33.1	16.9	0.34	549	57.0	0.56	7.7	6.0	1060
N815780		3.58	20.3	0.18	0.6	0.033	2.86	21.7	22.7	0.64	470	34.1	0.83	8.6	8.0	1170
N815781		4.26	17.65	0.20	0.6	0.055	3.55	24.4	15.4	0.78	350	65.1	1.15	7.0	5.9	1000
N815782		4.64	15.30	0.21	0.6	0.162	3.50	23.2	15.3	0.81	334	79.5	0.57	5.7	4.5	920
N815783		4.63	18.35	0.20	0.5	0.059	3.23	25.0	21.6	1.41	461	45.8	1.42	7.6	7.1	1150
N815784		4.31	18.25	0.18	0.5	0.064	2.94	23.8	19.8	1.43	632	37.1	1.46	8.0	7.4	1120
N815785		5.52	18.85	0.16	0.7	0.290	3.10	32.5	21.2	1.55	1390	49.5	1.22	9.3	9.1	1210
N815786		4.34	17.80	0.16	0.6	0.074	3.51	31.5	15.9	1.19	941	94.1	1.14	8.0	7.7	1020
N815787		3.79	18.15	0.15	0.7	0.060	3.26	28.1	16.4	1.44	666	56.9	1.84	8.8	8.0	1130
N815788		5.02	16.40	0.16	0.5	0.098	2.92	25.3	20.5	1.12	724	86.5	0.75	6.3	8.0	1030
N815789		3.58	17.80	0.13	0.6	0.048	3.11	22.3	23.1	1.34	914	42.4	1.40	8.6	8.1	1110
N815790		3.84	18.50	0.15	0.6	0.045	2.88	24.0	21.2	1.27	990	41.7	1.64	9.4	8.7	1190
N815791		5.28	18.30	0.21	0.6	0.135	3.47	42.2	10.7	0.41	6670	121.0	0.19	7.1	18.4	1060
N815792		4.36	18.90	0.17	0.5	0.062	2.91	31.6	19.8	1.04	1560	52.1	1.47	9.0	10.2	1220
N815793		4.60	18.85	0.17	0.6	0.094	3.44	29.7	13.0	0.59	2780	87.3	0.97	7.7	12.1	1230
N815794		4.68	19.15	0.21	0.5	0.092	2.78	22.9	20.5	1.22	914	52.3	1.39	7.6	8.4	1190
N815795		6.34	16.75	0.24	0.4	0.163	3.48	32.6	11.0	0.62	1300	61.5	0.38	6.0	5.9	940
N815796		4.24	16.75	0.19	0.6	0.093	3.44	29.3	15.6	0.93	445	71.1	1.23	6.3	6.4	1080
N815797		5.47	17.55	0.21	0.5	0.121	3.86	33.4	14.0	0.87	307	57.4	0.71	4.9	4.5	1020
N815798		5.28	18.35	0.24	0.5	0.148	3.98	37.8	11.9	0.55	482	43.9	0.44	5.9	3.9	910
N815799		3.89	15.65	0.20	0.5	0.068	4.11	23.3	9.8	0.57	1210	62.1	0.45	5.0	4.5	770
N815800		4.07	15.35	0.21	0.5	0.119	4.19	28.3	7.0	0.34	188	46.6	0.19	4.2	2.1	580
N815801		0.44	0.29	0.08	<0.1	<0.005	0.04	0.5	1.1	11.35	192	0.33	<0.01	0.2	2.4	160
N815802		4.61	15.60	0.21	0.5	0.091	4.63	33.3	9.7	0.49	277	58.8	0.43	4.8	3.3	690
N815803		4.56	17.10	0.20	0.4	0.121	3.20	27.2	17.8	0.90	540	59.5	0.90	6.7	6.6	1000
N815804		5.90	15.90	0.25	0.4	0.222	3.57	37.1	15.6	0.67	287	47.1	0.69	5.7	4.5	930
N815805		4.71	20.6	0.20	0.5	0.757	3.29	31.2	17.5	0.69	641	36.0	0.72	7.6	6.7	1040
N815806		5.26	22.9	0.22	2.3	0.245	3.52	30.5	23.2	0.27	1020	5.20	0.07	12.0	7.0	1720
N815807		4.22	34.1	0.14	0.5	3.74	3.11	36.8	10.4	0.38	922	27.5	0.47	8.6	5.9	870



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Project: Klaza TR-12-39 Batch 7

**CERTIFICATE OF ANALYSIS WH12206242**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815772		136.0	163.5	0.006	0.08	11.45	17.6	2	4.1	207	0.59	0.09	12.5	0.324	2.24	3.3
N815773		143.0	178.0	0.006	0.08	12.90	17.6	2	3.9	57.2	0.48	0.12	13.0	0.267	2.75	3.9
N815774		26.7	170.0	0.008	0.05	12.25	16.2	2	3.1	92.2	0.61	0.07	12.3	0.322	2.50	2.8
N815775		58.6	206	0.005	0.06	22.9	17.1	2	3.2	51.2	0.46	0.10	13.2	0.281	3.45	3.1
N815776		28.7	172.5	0.010	0.13	22.4	17.8	2	3.5	140.0	0.48	0.06	12.3	0.327	2.38	2.5
N815777		43.8	172.5	0.008	0.05	38.4	16.7	3	3.7	37.7	0.36	0.08	11.7	0.256	2.65	2.6
N815778		35.8	167.5	0.011	0.05	14.80	15.4	2	3.2	24.1	0.33	0.06	10.9	0.241	2.53	2.8
N815779		24.0	168.0	0.008	0.05	7.87	17.1	2	3.1	147.5	0.53	0.07	12.8	0.331	2.32	3.1
N815780		20.2	112.5	0.004	0.02	2.80	18.7	2	2.0	205	0.61	<0.05	11.8	0.387	1.36	2.6
N815781		123.0	162.0	0.004	0.04	1.58	17.1	3	3.8	191.5	0.48	0.11	14.3	0.293	1.75	3.3
N815782		260	147.0	0.007	0.05	1.81	17.2	3	6.2	121.5	0.42	0.21	12.3	0.254	1.63	3.6
N815783		57.1	125.0	0.006	0.03	1.09	18.5	2	3.1	302	0.48	0.05	12.7	0.339	1.52	2.8
N815784		74.0	101.5	0.005	0.04	1.03	18.0	2	3.0	318	0.54	0.05	11.0	0.365	1.35	2.4
N815785		196.0	131.0	0.003	0.06	2.30	19.8	2	4.1	296	0.61	0.14	12.9	0.370	1.58	3.4
N815786		123.0	175.0	0.014	0.20	2.01	18.6	3	3.9	231	0.51	0.09	12.5	0.336	1.80	3.0
N815787		53.3	134.5	0.008	0.06	1.45	18.5	2	2.7	372	0.57	0.06	12.3	0.362	1.32	2.7
N815788		159.0	148.0	0.005	0.06	3.20	17.2	3	3.5	144.0	0.41	0.15	12.1	0.274	1.65	3.2
N815789		26.3	125.5	0.009	0.04	1.84	17.2	2	2.1	249	0.57	0.05	12.5	0.358	1.33	2.1
N815790		31.1	120.5	0.006	0.05	3.42	18.1	2	2.2	335	0.59	0.05	12.4	0.373	1.41	2.3
N815791		73.0	226	0.005	0.05	19.85	19.5	3	3.5	66.6	0.45	0.13	13.7	0.302	3.26	4.4
N815792		41.5	134.5	0.003	0.07	5.42	18.7	2	2.5	329	0.57	0.06	13.9	0.366	1.56	2.9
N815793		109.5	171.5	0.010	0.06	7.15	19.6	3	4.0	155.5	0.49	0.11	13.6	0.329	2.17	4.3
N815794		112.0	112.0	0.005	0.11	3.15	18.5	2	3.2	323	0.50	0.14	11.9	0.349	1.55	3.1
N815795		507	165.0	0.002	1.21	4.41	17.5	3	7.6	156.5	0.39	0.69	11.8	0.295	2.27	2.8
N815796		105.5	149.0	0.014	0.17	2.70	16.7	2	2.9	201	0.45	0.07	13.0	0.279	1.86	3.0
N815797		314	173.0	0.004	0.78	3.09	18.0	2	5.5	194.0	0.35	0.11	12.6	0.262	2.24	3.1
N815798		336	175.5	0.003	1.17	3.66	19.3	2	6.2	161.0	0.42	0.12	13.6	0.295	2.42	2.9
N815799		119.0	150.5	0.004	0.45	2.63	18.5	2	3.1	170.5	0.37	0.09	10.4	0.270	3.10	3.1
N815800		134.5	147.0	0.003	0.96	3.08	16.7	2	5.8	122.5	0.30	0.09	11.3	0.202	2.55	2.1
N815801		2.0	2.7	<0.002	<0.01	<0.05	0.3	1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.02	0.4
N815802		170.0	188.5	0.003	0.91	4.31	14.8	3	4.5	171.5	0.32	0.10	9.8	0.223	2.62	2.8
N815803		182.0	133.5	0.005	0.31	2.10	18.0	2	5.4	199.5	0.43	0.09	11.3	0.306	1.52	2.6
N815804		149.5	150.0	0.003	1.01	2.10	17.9	3	4.3	193.0	0.41	0.18	11.9	0.283	2.04	1.8
N815805		661	141.0	0.004	0.24	9.06	18.6	2	7.4	183.0	0.57	0.06	13.8	0.363	2.24	2.9
N815806		3870	167.0	0.004	0.60	63.8	16.0	5	20.3	381	0.75	0.27	6.3	0.439	1.91	3.2
N815807		1545	150.5	0.005	0.32	10.30	14.8	1	23.3	164.0	0.59	0.07	14.4	0.412	2.45	3.2



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Project: Klaza TR-12-39 Batch 7

**CERTIFICATE OF ANALYSIS WH12206242**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815772		131	9.1	24.1	276	15.1	1
N815773		119	8.7	24.9	276	13.3	1
N815774		130	4.5	20.6	161	17.1	2
N815775		129	5.5	24.3	227	14.7	2
N815776		146	6.8	20.6	186	14.1	2
N815777		118	10.8	18.3	145	10.8	2
N815778		108	9.0	20.8	171	8.9	1
N815779		130	10.7	23.6	196	11.5	1
N815780		140	4.7	20.0	198	12.3	1
N815781		122	9.0	20.4	232	16.2	1
N815782		128	21.6	19.4	221	13.4	3
N815783		134	9.6	20.8	181	12.9	1
N815784		137	6.8	18.5	201	11.9	1
N815785		133	6.5	26.7	346	12.8	1
N815786		132	9.9	19.4	259	11.4	1
N815787		133	4.1	21.6	142	12.4	1
N815788		122	6.4	20.2	279	8.8	2
N815789		137	3.3	18.9	159	11.3	1
N815790		135	3.3	20.0	177	11.5	<1
N815791		128	8.2	32.0	539	10.2	2
N815792		141	5.4	24.4	281	9.1	1
N815793		140	10.7	23.6	396	9.5	1
N815794		138	4.7	16.0	256	11.2	2
N815795		129	13.7	11.4	392	10.1	4
N815796		116	5.5	14.4	283	13.6	1
N815797		129	8.6	13.1	344	11.5	2
N815798		126	10.4	12.2	262	12.6	2
N815799		132	14.2	13.7	258	10.4	1
N815800		117	16.3	8.6	162	11.9	2
N815801		3	0.2	0.9	11	<0.5	<1
N815802		112	14.0	12.1	202	11.0	2
N815803		136	14.4	16.2	318	9.0	2
N815804		125	13.5	10.4	256	8.5	1
N815805		134	8.0	14.9	528	9.9	6
N815806		143	3.6	19.4	2380	68.5	34
N815807		123	6.8	16.9	767	9.4	20



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Project: Klaza TR-12-39 Batch 7

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**CERTIFICATE OF ANALYSIS WH12206242**

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





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**CERTIFICATE WH12206243**

Project: Klaza TR-12-39 Batch 8

P.O. No.: Batch 8

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206243**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N815808		5.20	0.080	1.66	7.80	47.2	2530	1.43	0.84	0.44	9.96	56.9	15.5	13	13.95	548
N815809		5.56	0.102	3.76	6.99	108.5	860	1.00	1.11	0.20	3.93	51.4	4.2	13	17.05	172.5
N815810		4.42	0.088	3.38	7.05	139.5	710	1.07	1.01	0.19	4.04	48.2	5.5	12	33.7	270
N815811		4.01	0.082	1.59	8.34	82.0	1710	1.32	0.94	0.15	6.41	63.4	9.3	14	23.3	547
N815812		4.83	0.046	0.94	8.19	57.6	2080	1.50	0.49	0.28	5.11	57.5	15.4	17	20.8	693
N815813		5.01	0.052	0.71	7.70	9.7	2240	1.35	0.43	0.98	1.27	58.7	14.1	13	11.05	488
N815814		3.75	0.054	0.75	7.68	16.9	1660	1.52	0.82	0.81	1.77	55.2	19.4	16	14.15	751
N815815		3.92	0.096	1.36	7.55	32.6	2000	1.56	0.82	0.48	2.46	55.7	25.1	16	15.60	860
N815816		4.75	0.074	0.84	8.01	12.7	2530	1.36	0.54	0.92	0.89	51.8	13.7	20	7.66	428
N815817		5.41	0.042	1.46	7.61	13.3	1310	1.17	1.61	0.10	1.38	49.9	5.9	20	16.40	364
N815818		5.38	0.112	1.35	8.08	34.1	1810	1.56	0.95	0.67	1.62	59.5	19.2	20	14.80	624
N815819		3.93	0.083	1.16	8.56	22.2	2110	1.64	0.53	0.75	1.22	56.6	15.7	15	14.10	515
N815820		4.36	0.145	1.45	7.88	63.8	1780	1.65	0.83	0.27	2.70	64.4	23.9	18	19.70	761
N815821		3.96	0.099	1.46	8.24	48.1	2250	1.67	0.74	0.34	3.14	64.0	27.3	13	20.0	993
N815822		4.61	0.321	3.01	7.21	252	800	1.96	3.27	0.10	3.04	77.3	8.9	22	24.1	906
N815823		4.80	0.082	1.21	8.47	98.4	1230	1.69	0.48	0.25	3.33	62.8	22.4	18	28.9	976
N815824		4.33	0.084	0.81	8.88	32.9	2520	1.30	0.34	0.40	1.40	55.5	25.0	13	12.00	664
N815825		4.56	0.069	1.00	8.74	139.0	880	1.51	0.64	0.27	2.03	57.0	22.0	15	23.7	779
N815826		4.29	0.067	0.87	8.58	92.3	1400	1.55	0.50	0.33	1.91	58.0	17.8	14	24.6	782
N815827		4.98	0.077	1.22	8.91	22.1	3200	1.41	0.39	0.65	1.69	62.1	18.5	14	14.85	740
N815828		5.90	0.067	1.02	9.32	57.0	2580	1.55	0.55	0.37	2.92	65.0	22.7	14	14.90	854
N815829		4.93	0.046	0.63	9.07	56.9	950	1.39	0.55	0.33	2.86	52.8	15.9	14	32.8	405
N815830		6.81	0.061	0.65	8.99	13.4	2430	1.64	0.29	0.85	1.66	45.1	18.3	14	15.50	460
N815831		4.57	0.067	0.86	8.18	60.7	530	1.61	0.61	0.30	2.84	50.1	17.3	14	48.9	462
N815832		5.38	0.067	0.63	9.23	15.2	1750	1.65	0.45	0.68	2.44	50.1	16.5	14	20.1	545
N815833		2.44	<0.005	0.02	0.10	6	20	0.05	0.02	22.3	0.07	1.31	1.2	<1	0.30	5.6
N815834		6.46	0.081	1.06	8.44	11.9	2370	1.70	0.51	1.23	1.44	44.1	19.9	14	15.00	797
N815835		4.76	0.182	5.26	8.55	151.5	620	2.30	3.30	0.28	6.32	58.4	18.1	19	33.9	1260
N815836		5.50	0.081	0.69	9.88	11.8	1740	1.27	0.40	0.47	1.44	47.0	18.4	16	13.40	576
N815837		6.59	0.091	0.73	8.33	6.3	1980	1.29	0.33	1.30	1.29	53.6	28.1	16	10.45	673
N815838		6.91	0.096	0.93	8.22	8.2	1960	1.37	0.50	1.45	1.07	43.2	20.3	15	13.00	779
N815839		4.93	0.082	1.22	8.73	9.6	1800	1.55	0.87	1.68	1.30	47.8	17.2	42	10.65	790
N815840		0.27	0.313	>100	5.49	205	600	0.70	4.86	1.41	25.4	18.85	11.7	64	0.96	5940
N815841		5.86	0.092	0.95	8.09	8.1	1690	1.44	0.42	1.59	0.91	45.6	25.3	13	13.65	687
N815842		5.15	0.110	1.00	8.32	17.3	2030	1.52	0.58	1.45	1.11	52.0	20.4	15	10.10	778
N815843		4.97	0.069	0.60	8.28	7.9	2010	1.33	0.33	1.00	1.01	49.6	17.1	14	10.45	692



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Project: Klaza TR-12-39 Batch 8

**CERTIFICATE OF ANALYSIS WH12206243**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815808		4.83	16.70	0.17	0.5	0.351	3.49	30.7	16.6	0.67	1100	49.4	0.71	6.8	7.5	1020
N815809		4.61	16.05	0.16	0.5	0.752	3.28	31.2	9.3	0.41	747	31.0	0.10	6.9	2.6	640
N815810		5.26	18.45	0.18	0.4	1.635	3.16	27.6	10.4	0.39	587	34.1	0.06	6.0	3.2	700
N815811		5.21	17.65	0.19	0.5	0.089	3.22	35.7	17.4	0.31	849	39.7	0.10	6.6	7.9	960
N815812		4.71	17.45	0.15	0.4	0.041	3.00	29.5	21.1	0.29	1120	80.2	0.25	7.6	10.1	1150
N815813		3.80	16.90	0.16	0.5	0.036	2.84	23.9	24.0	1.30	520	33.3	1.32	7.4	7.1	1100
N815814		5.29	16.45	0.20	0.5	0.034	3.23	25.3	16.2	0.93	697	79.7	1.17	6.4	6.8	1190
N815815		5.03	16.35	0.19	0.4	0.081	3.54	22.1	24.3	0.93	1440	93.4	0.99	6.0	7.6	1180
N815816		4.32	17.20	0.21	0.5	0.036	3.56	21.9	24.6	1.54	425	41.9	1.56	7.6	7.4	1230
N815817		4.12	13.35	0.16	0.4	0.078	3.59	28.4	8.3	0.41	438	80.3	0.21	4.5	3.7	540
N815818		4.83	17.05	0.20	0.5	0.142	3.38	31.5	14.6	0.77	848	68.9	1.13	5.6	7.9	1200
N815819		3.94	19.15	0.17	0.6	0.042	3.59	29.6	14.6	0.63	724	44.1	1.58	8.3	7.0	1300
N815820		4.85	17.70	0.19	0.4	0.052	3.54	32.7	19.6	0.41	2220	129.0	0.61	6.5	8.9	1150
N815821		4.37	18.05	0.17	0.5	0.073	3.85	30.4	11.0	0.40	2490	91.7	0.91	6.2	9.3	1200
N815822		7.19	15.15	0.24	0.4	0.202	3.34	46.7	10.2	0.40	892	184.0	0.06	4.1	7.0	990
N815823		4.51	18.60	0.17	0.5	0.055	3.38	30.0	15.1	0.36	1960	81.9	0.24	7.9	10.3	1140
N815824		4.14	20.2	0.17	0.5	0.040	2.92	23.9	22.5	0.42	1040	65.8	0.30	9.5	8.7	1280
N815825		4.72	19.50	0.19	0.5	0.040	3.12	29.8	25.1	0.31	677	91.6	0.07	8.3	7.3	1250
N815826		4.33	19.70	0.19	0.5	0.043	3.18	31.3	24.8	0.34	540	67.2	0.22	8.9	7.5	1250
N815827		4.26	20.9	0.17	0.5	0.065	2.90	29.2	21.8	0.50	691	52.4	0.65	9.9	8.3	1340
N815828		4.97	21.7	0.18	0.5	0.053	2.82	32.8	34.4	0.30	968	69.4	0.19	10.2	10.0	1350
N815829		4.77	20.8	0.18	0.4	0.031	2.88	27.6	25.6	0.33	450	58.4	0.07	7.6	8.5	1380
N815830		5.42	21.4	0.17	0.5	0.032	2.52	22.1	27.9	1.39	471	36.8	0.57	8.0	10.8	1570
N815831		5.37	18.45	0.18	0.4	0.035	2.87	28.5	23.7	0.35	789	102.5	0.06	6.8	10.2	1210
N815832		5.04	21.8	0.19	0.5	0.037	2.48	25.0	31.5	0.78	462	64.6	0.44	8.3	11.2	1510
N815833		0.54	0.34	0.09	<0.1	<0.005	0.03	0.6	1.1	13.80	206	0.67	0.01	0.3	3.5	210
N815834		5.36	19.90	0.18	0.5	0.135	2.26	20.5	28.2	1.46	484	34.6	0.97	8.0	9.3	1510
N815835		7.33	19.75	0.23	1.1	0.320	3.73	36.9	11.1	0.44	1580	124.0	0.07	7.5	10.7	1350
N815836		3.91	24.0	0.16	0.6	0.045	2.45	19.7	24.8	1.03	368	51.8	0.10	9.1	9.2	1680
N815837		5.00	20.1	0.18	0.6	0.048	2.57	20.4	21.8	2.07	815	36.0	1.29	8.0	9.9	1540
N815838		5.37	20.6	0.18	0.6	0.053	2.72	22.9	21.8	2.09	682	60.6	1.47	7.6	7.4	1490
N815839		5.68	21.4	0.19	0.7	0.044	2.63	26.1	24.2	2.29	839	73.3	1.78	7.9	9.8	1570
N815840		5.63	12.80	0.15	1.5	0.448	1.11	9.2	14.6	1.11	1680	22.3	1.61	3.5	29.2	460
N815841		4.96	20.8	0.16	0.6	0.048	2.32	22.3	23.4	2.11	632	44.9	1.68	8.1	7.9	1520
N815842		5.28	20.8	0.17	0.7	0.051	2.77	25.5	20.6	1.80	794	54.5	1.99	8.2	8.5	1370
N815843		4.43	20.5	0.16	0.7	0.053	2.53	17.1	17.3	1.17	828	37.4	1.11	8.3	8.2	1530



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Account: ROCKHA

Project: Klaza TR-12-39 Batch 8

**CERTIFICATE OF ANALYSIS WH12206243**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815808		108.0	145.5	0.009	0.23	8.87	14.7	1	3.2	210	0.49	<0.05	15.3	0.326	2.07	2.9
N815809		828	162.5	<0.002	0.89	14.10	14.4	1	9.2	114.0	0.47	0.08	13.4	0.356	3.05	2.0
N815810		638	164.0	0.005	0.85	22.8	13.2	<1	8.0	91.6	0.42	0.09	12.3	0.298	2.93	2.4
N815811		72.7	153.5	0.005	0.55	14.05	15.7	1	4.5	113.0	0.47	0.05	14.9	0.338	1.95	4.1
N815812		132.5	145.5	0.009	0.07	9.78	16.0	1	3.3	120.0	0.54	<0.05	14.3	0.367	1.93	4.2
N815813		19.5	111.0	0.003	0.03	1.61	14.5	1	2.8	268	0.50	0.05	13.8	0.349	1.33	2.6
N815814		36.9	137.0	0.007	0.06	2.40	14.2	2	4.3	214	0.44	0.08	14.8	0.311	1.74	3.9
N815815		115.5	148.0	0.008	0.04	3.47	14.4	2	5.0	171.0	0.44	<0.05	13.1	0.296	2.17	3.7
N815816		30.2	126.5	0.007	0.07	1.60	14.8	1	3.2	306	0.54	<0.05	13.3	0.373	1.60	2.6
N815817		220	144.5	0.003	0.41	2.42	13.1	1	9.2	67.9	0.32	0.11	11.0	0.240	1.68	3.3
N815818		191.5	156.5	0.007	0.18	4.08	14.2	2	3.8	215	0.42	0.08	15.6	0.296	2.08	3.7
N815819		28.7	161.0	0.004	0.05	4.02	15.5	2	3.7	280	0.55	0.06	14.5	0.348	1.95	2.9
N815820		62.7	187.5	0.025	0.21	6.96	14.6	2	3.2	172.5	0.43	0.09	14.4	0.284	2.59	3.9
N815821		49.5	183.0	0.013	0.16	5.60	15.0	2	3.9	204	0.42	0.09	14.4	0.280	2.48	4.4
N815822		244	183.5	0.011	0.55	20.2	14.4	4	7.9	107.5	0.27	0.21	11.5	0.196	2.67	5.3
N815823		42.5	174.5	0.007	0.11	11.90	17.1	2	2.9	75.4	0.52	0.06	13.8	0.333	2.44	4.1
N815824		19.4	116.5	0.007	0.02	17.80	15.4	2	2.5	171.0	0.60	<0.05	12.3	0.392	1.37	3.0
N815825		24.1	152.5	0.007	0.02	41.2	16.9	2	3.2	67.5	0.53	0.07	14.0	0.347	1.78	4.0
N815826		21.1	159.5	0.009	0.03	31.4	16.9	2	3.2	100.5	0.57	0.06	13.8	0.357	1.76	3.4
N815827		48.2	126.5	0.004	0.04	5.28	16.8	2	2.9	222	0.64	0.05	14.1	0.416	1.40	2.8
N815828		38.4	125.5	0.004	0.03	21.3	18.6	2	3.4	157.5	0.65	0.08	14.5	0.409	1.46	3.5
N815829		18.6	142.5	0.004	0.04	26.9	18.7	2	4.0	83.8	0.47	0.05	10.4	0.408	1.85	2.6
N815830		16.4	102.5	0.002	0.03	6.98	20.2	2	2.5	191.5	0.48	<0.05	8.8	0.450	1.43	1.8
N815831		37.7	157.0	0.006	0.05	38.2	18.3	3	3.3	53.2	0.40	0.08	9.9	0.371	2.00	2.6
N815832		15.6	114.5	0.003	0.02	12.45	20.7	2	3.1	155.5	0.55	0.07	11.5	0.462	1.42	2.6
N815833		1.5	1.6	<0.002	<0.01	0.16	0.3	1	<0.2	51.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
N815834		58.8	86.2	0.002	0.03	2.47	19.0	2	3.7	277	0.52	0.09	9.2	0.448	1.33	2.2
N815835		332	198.0	0.004	0.08	11.80	17.2	2	5.5	36.8	0.49	0.17	10.6	0.362	3.13	4.6
N815836		15.6	87.5	0.003	0.02	3.78	21.4	2	3.4	79.1	0.54	0.08	9.8	0.524	1.41	2.2
N815837		9.5	89.2	0.003	0.01	0.85	19.3	2	2.8	303	0.52	0.06	8.5	0.458	1.28	1.9
N815838		11.5	90.2	0.005	0.03	0.95	18.5	2	4.1	337	0.49	0.08	8.3	0.434	1.39	2.3
N815839		50.5	98.6	0.009	0.05	1.28	21.1	3	4.4	388	0.49	0.15	8.2	0.439	1.33	2.5
N815840		>10000	29.7	0.009	2.26	440	11.9	3	2.1	194.0	0.23	1.13	1.9	0.234	0.49	1.4
N815841		14.2	78.1	0.003	0.03	1.40	18.1	2	2.8	363	0.52	0.05	8.3	0.443	1.15	2.0
N815842		11.6	103.5	0.007	0.05	1.27	17.9	2	2.9	391	0.56	0.09	9.9	0.407	1.21	2.6
N815843		9.2	96.9	<0.002	0.01	1.35	18.3	2	3.3	263	0.56	0.05	9.6	0.454	1.13	2.1



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 Account: ROCKHA

Project: Klaza TR-12-39 Batch 8

**CERTIFICATE OF ANALYSIS WH12206243**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815808		131	8.5	18.1	600	9.1	2	
N815809		140	17.3	7.8	347	8.4	4	
N815810		133	15.6	8.3	387	7.8	4	
N815811		136	8.6	15.9	246	7.6	2	
N815812		136	8.4	19.0	307	7.8	1	
N815813		128	5.5	18.0	106	8.5	1	
N815814		133	10.6	18.9	150	8.7	1	
N815815		130	8.4	17.9	217	7.8	2	
N815816		143	6.5	16.3	95	9.9	1	
N815817		128	34.8	9.4	136	9.4	2	
N815818		130	9.0	18.3	218	9.8	2	
N815819		141	7.3	19.7	115	14.8	1	
N815820		115	7.9	18.6	155	11.2	2	
N815821		125	7.3	19.7	160	11.3	2	
N815822		115	13.5	14.8	265	10.6	3	
N815823		139	8.3	19.1	207	11.8	1	
N815824		148	5.9	18.4	130	13.0	1	
N815825		137	12.3	20.6	177	12.7	1	
N815826		141	10.0	22.6	142	11.2	1	
N815827		155	4.1	23.9	134	10.8	2	
N815828		153	7.1	25.9	192	11.6	1	
N815829		170	10.8	20.7	210	8.6	1	
N815830		180	4.1	21.2	166	10.1	1	
N815831		163	8.1	21.0	205	8.7	1	
N815832		183	7.1	21.1	194	10.4	1	
N815833		3	0.1	1.0	15	<0.5	<1	
N815834		182	5.0	19.2	221	9.9	1	
N815835		161	12.4	29.2	637	37.7	4	
N815836		214	5.5	18.7	136	12.7	<1	
N815837		183	3.5	20.8	102	13.0	<1	
N815838		187	4.6	22.3	86	14.8	1	
N815839		186	5.6	23.5	115	18.2	1	
N815840		79	0.7	14.5	5160	55.0	101	1.020
N815841		181	2.3	22.0	106	16.1	1	
N815842		166	3.0	21.0	126	17.9	1	
N815843		175	5.1	17.7	118	18.2	<1	



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**CERTIFICATE OF ANALYSIS WH12206243**

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



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**CERTIFICATE WH12206244**

Project: Klaza TR-12-39

P.O. No.: Batch 9

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206244**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815844		7.31	0.081	0.69	7.26	10.5	1890	1.46	0.40	1.71	0.79	38.1	18.5	13	7.37	739
N815845		5.71	0.078	0.63	7.56	9.1	1880	1.30	0.38	1.63	0.87	44.0	20.4	13	9.42	628
N815846		6.72	0.082	0.60	7.54	11.5	1610	1.32	0.43	1.65	0.65	43.5	23.3	13	12.30	562
N815847		5.84	0.085	0.76	7.82	9.8	1390	1.25	0.81	1.80	0.53	39.2	10.7	17	9.28	508
N815848		6.14	0.097	0.84	7.95	10.8	1060	1.20	0.48	1.21	0.77	36.2	14.8	22	16.95	595
N815849		6.62	0.074	0.82	7.84	11.3	1340	1.30	0.47	1.38	0.76	38.7	19.4	23	17.80	573
N815850		5.65	0.212	2.68	7.91	84.0	1400	1.22	1.63	1.06	1.02	53.4	14.2	21	20.1	707
N815851		4.61	0.351	7.51	8.43	121.0	840	1.52	3.98	0.41	1.64	68.7	14.5	22	38.8	824
N815852		4.54	0.241	1.77	7.84	46.5	1230	1.27	0.77	1.69	0.49	40.7	8.2	22	10.30	552
N815853		6.00	0.527	2.63	7.87	119.0	1470	1.28	1.65	0.86	0.67	58.6	6.7	21	18.75	667
N815854		7.49	0.119	0.95	7.52	14.5	1250	1.22	0.77	2.13	0.52	41.4	11.2	21	6.28	492
N815855		5.86	0.079	0.86	8.02	9.8	1450	1.29	0.90	1.80	0.85	42.9	19.8	22	9.99	737
N815856		7.56	0.120	0.85	7.74	13.4	1310	1.38	0.75	1.88	1.00	39.8	23.4	29	6.49	660
N815857		4.16	0.104	1.08	8.06	15.1	1490	1.44	0.85	0.93	1.47	43.6	36.7	49	12.00	769
N815858		5.37	0.097	0.75	8.50	22.3	2250	1.44	0.63	0.87	1.32	58.1	38.6	14	11.50	670
N815859		4.39	0.180	2.53	8.59	113.0	1350	1.55	2.94	0.21	1.60	41.1	13.5	14	17.05	688
N815861		3.91	0.077	0.67	8.67	9.0	2190	1.29	1.03	0.75	1.20	56.0	26.6	15	12.20	637
N815860		3.85	0.249	1.21	9.00	74.8	1730	1.50	1.38	0.31	1.42	42.3	21.4	15	12.00	874
N815862		3.86	0.098	1.08	8.81	12.4	2090	1.39	1.02	0.55	1.09	27.9	10.1	15	10.50	769
N815863		5.28	0.123	0.94	8.25	13.8	1940	1.48	0.82	1.20	0.99	44.5	18.9	14	8.45	649
N815864		6.07	0.143	1.42	8.23	29.7	1610	1.30	1.19	0.63	1.67	43.1	12.6	17	11.35	882
N815865		4.12	0.084	1.02	8.57	20.1	1990	1.69	1.08	1.18	1.64	57.7	20.5	14	10.00	591
N815866		5.45	0.080	1.01	7.96	16.4	1620	1.38	0.88	1.01	1.22	52.5	28.0	14	9.11	624
N815867		4.38	0.170	1.75	8.08	72.8	1350	1.46	1.69	0.85	1.92	54.3	25.1	19	12.35	762
N815868		6.22	0.202	2.03	8.33	52.9	1270	1.52	2.31	0.97	1.39	48.2	27.4	24	14.35	884
N815869		5.95	0.104	1.56	8.02	35.2	1300	1.45	1.48	0.93	1.41	48.3	27.9	23	12.20	735
N815870		0.26	1.405	37.0	7.72	500	1220	1.87	1.26	0.28	31.2	78.8	5.7	17	3.36	129.0
N815871		6.82	0.133	1.92	7.70	50.5	1140	1.28	2.12	0.88	1.08	45.3	14.5	28	12.40	718
N815872		5.64	0.166	1.72	7.93	48.7	1220	1.38	2.24	1.35	1.06	37.4	17.5	31	9.94	674
N815873		6.20	0.182	1.49	7.91	45.5	1070	1.29	2.05	1.45	0.90	36.0	14.7	20	9.85	561
N815874		4.58	0.165	1.04	7.76	25.0	1300	1.05	3.45	1.78	0.77	33.2	16.8	19	6.60	503
N815875		5.67	0.200	1.97	7.87	21.7	1350	1.13	1.39	1.12	0.80	29.8	9.4	20	9.60	546
N815876		6.62	0.241	2.83	8.07	51.8	1290	1.04	2.12	0.53	0.94	45.5	7.1	21	14.05	603
N815877		2.05	<0.005	0.01	0.09	<5	20	<0.05	0.04	20.1	0.07	1.25	0.6	<1	0.44	5.6
N815878		6.01	0.150	2.20	7.26	46.8	2720	1.31	2.04	0.18	0.97	50.0	4.3	51	9.74	688
N815879		4.59	0.159	3.11	7.41	101.0	950	1.31	1.92	0.13	1.21	54.5	3.5	45	19.15	636





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Account: ROCKHA

Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12206244**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815844		4.99	18.45	0.12	0.6	0.053	2.17	18.0	16.6	1.66	725	36.2	1.61	6.6	7.0	1390
N815845		4.54	17.20	0.14	0.6	0.036	2.49	19.9	17.1	1.90	898	50.9	1.71	6.3	7.1	1360
N815846		4.81	17.60	0.15	0.6	0.037	2.20	20.5	17.6	1.83	479	48.8	1.57	6.4	6.8	1350
N815847		4.65	19.70	0.14	0.8	0.042	2.15	18.1	15.8	1.92	314	48.9	1.90	6.4	5.0	1170
N815848		5.10	20.7	0.13	1.0	0.044	2.12	17.0	20.3	2.12	371	69.3	1.50	6.5	4.2	1140
N815849		4.76	20.8	0.14	1.0	0.037	2.11	17.0	22.0	2.16	550	51.1	1.48	7.0	4.9	1190
N815850		5.96	22.2	0.15	1.0	0.059	3.08	29.8	15.8	1.53	551	55.5	1.06	5.4	3.8	1060
N815851		6.02	23.7	0.16	0.9	0.167	3.33	38.2	13.3	1.03	534	83.4	0.43	5.8	3.4	1040
N815852		5.47	21.1	0.12	0.9	0.053	1.89	20.5	16.3	1.89	374	21.1	1.45	6.5	3.9	1080
N815853		6.28	21.3	0.17	0.9	0.071	2.96	36.2	16.0	1.51	253	48.7	1.08	6.3	2.9	1040
N815854		5.26	20.1	0.14	1.0	0.058	2.07	20.7	13.4	1.97	349	44.6	1.75	6.6	5.0	1120
N815855		5.57	20.2	0.14	1.0	0.061	2.12	21.2	14.1	1.91	893	55.5	1.52	6.4	4.8	1090
N815856		5.12	19.80	0.13	0.9	0.053	2.14	17.2	14.4	2.01	1180	53.6	1.94	6.8	7.6	1170
N815857		4.86	19.55	0.14	1.0	0.049	2.18	19.8	16.4	1.67	1780	49.3	1.32	7.3	10.1	820
N815858		4.92	18.95	0.12	0.9	0.044	2.29	20.0	16.8	1.02	1420	37.2	1.08	7.2	8.9	1380
N815859		6.11	18.55	0.14	0.8	0.145	3.47	20.2	11.3	0.48	580	65.5	0.29	5.9	4.5	1170
N815861		5.13	18.55	0.15	0.9	0.047	2.09	24.2	14.4	0.88	740	49.2	0.71	6.8	6.1	1290
N815860		5.75	21.1	0.16	0.9	0.063	2.60	19.7	21.8	0.44	580	201	0.18	7.5	6.0	1230
N815862		5.25	21.4	0.13	0.8	0.045	2.61	16.0	15.7	0.69	395	72.2	0.70	7.1	5.2	1400
N815863		5.34	19.15	0.15	0.9	0.052	2.44	22.4	17.5	1.75	854	35.5	1.58	7.0	6.8	1330
N815864		6.17	18.45	0.13	0.7	0.087	2.54	22.2	18.5	1.59	1240	50.8	0.82	6.2	6.5	1220
N815865		5.74	18.95	0.12	1.1	0.085	2.70	24.7	17.5	1.37	1280	34.0	1.42	7.1	6.9	1330
N815866		4.92	18.85	0.16	0.8	0.078	2.61	21.8	17.3	1.46	1280	38.8	1.49	6.4	6.8	1190
N815867		5.66	20.0	0.15	0.8	0.131	2.39	22.7	18.9	1.04	1240	48.7	1.06	6.2	7.1	1150
N815868		6.02	21.1	0.14	0.8	0.127	2.29	21.8	20.7	1.33	1080	53.8	1.15	6.2	5.7	1110
N815869		5.47	19.80	0.13	0.8	0.134	2.50	21.5	19.7	1.31	1260	51.2	1.08	6.1	6.4	1010
N815870		5.42	22.4	0.19	2.3	0.224	3.55	40.3	23.8	0.27	986	5.68	0.07	11.8	6.7	1660
N815871		5.82	19.20	0.16	0.8	0.202	2.26	21.8	20.2	1.45	544	66.7	0.92	5.7	6.2	860
N815872		5.89	20.2	0.15	0.9	0.149	2.32	17.7	18.3	2.00	618	53.1	1.20	5.8	7.2	890
N815873		6.04	19.55	0.13	0.9	0.149	2.10	17.2	17.1	1.79	555	49.7	1.31	5.4	5.4	980
N815874		5.66	20.4	0.12	0.9	0.088	2.05	16.1	16.4	2.06	459	47.0	1.57	5.7	5.8	1050
N815875		5.81	21.7	0.13	0.9	0.106	2.48	15.1	18.4	1.96	253	63.9	1.10	5.6	5.3	1000
N815876		6.93	22.2	0.15	0.8	0.178	2.92	25.7	18.9	1.73	232	133.5	0.64	5.1	4.9	1040
N815877		0.46	0.26	0.08	<0.1	0.006	0.35	0.6	1.2	12.35	198	0.68	0.01	0.2	1.4	160
N815878		5.64	16.80	0.18	2.0	0.142	4.01	27.9	13.1	0.76	160	86.0	0.38	6.9	4.4	1130
N815879		6.71	18.65	0.19	1.8	0.187	3.87	30.9	7.9	0.42	87	84.9	0.06	7.2	3.8	1120



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Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12206244**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815844		10.9	46.9	0.005	0.02	0.67	17.0	2	3.1	351	0.44	0.06	7.1	0.464	1.17	2.1
N815845		10.8	69.4	0.007	0.02	0.75	17.4	1	2.7	361	0.38	<0.05	7.3	0.433	1.29	1.6
N815846		9.5	75.0	0.008	0.02	0.82	17.0	1	3.1	323	0.42	<0.05	7.7	0.433	1.14	1.8
N815847		9.2	77.3	0.010	0.03	0.78	16.1	<1	3.2	403	0.44	0.15	6.4	0.454	1.13	1.7
N815848		10.0	78.6	0.007	0.02	1.12	20.1	2	3.0	304	0.42	<0.05	5.3	0.529	1.30	1.8
N815849		13.9	72.5	0.007	0.04	1.48	20.9	<1	3.4	332	0.45	<0.05	5.1	0.537	1.36	1.7
N815850		74.8	150.5	0.012	0.70	6.38	20.1	1	10.3	307	0.37	0.09	6.8	0.469	2.07	2.1
N815851		267	208	0.005	0.51	10.85	23.5	1	10.0	231	0.36	0.33	8.1	0.457	2.80	3.0
N815852		13.7	63.0	0.006	0.24	2.51	19.9	<1	4.6	399	0.42	0.09	5.3	0.510	1.16	2.0
N815853		81.3	165.5	0.009	0.70	5.91	21.6	2	6.5	294	0.36	0.25	6.9	0.478	2.02	2.1
N815854		11.8	76.7	0.009	0.08	1.25	19.8	2	4.0	453	0.41	0.11	5.9	0.489	1.14	1.9
N815855		12.0	80.3	0.012	0.03	1.01	20.8	2	4.1	405	0.39	0.08	6.0	0.515	1.10	3.0
N815856		13.2	68.6	0.013	0.03	0.99	18.7	2	3.3	452	0.43	0.06	5.7	0.501	1.20	2.2
N815857		16.0	89.7	0.006	0.02	1.29	17.8	2	3.1	281	0.48	0.09	9.4	0.416	1.29	2.8
N815858		22.3	94.5	0.006	0.03	3.91	18.7	2	2.9	250	0.49	<0.05	10.8	0.446	1.22	2.7
N815859		176.0	185.0	0.004	0.16	6.09	19.4	2	6.0	86.9	0.38	0.16	9.5	0.392	2.23	2.7
N815861		12.9	82.4	0.005	0.03	1.92	19.0	1	3.2	199.5	0.49	0.26	10.0	0.471	1.16	2.5
N815860		24.9	108.5	0.011	0.12	5.11	20.0	2	5.1	124.5	0.48	0.20	9.1	0.480	1.37	3.1
N815862		14.6	110.0	0.007	0.06	2.46	20.2	3	4.8	193.0	0.44	0.18	8.6	0.471	1.42	2.2
N815863		17.6	89.8	0.006	0.02	1.53	19.0	1	3.4	326	0.49	0.13	10.0	0.440	1.31	2.3
N815864		24.3	88.8	0.007	0.12	1.54	19.7	2	4.9	180.5	0.42	0.23	7.7	0.447	1.50	2.3
N815865		41.0	102.5	0.005	0.08	2.12	18.6	2	4.0	283	0.47	0.13	12.0	0.422	1.50	2.6
N815866		80.4	87.1	0.006	0.05	1.37	17.5	2	3.2	290	0.40	0.10	9.3	0.404	1.48	2.3
N815867		73.1	108.5	0.009	0.06	5.77	18.2	2	4.1	227	0.40	0.12	8.0	0.429	1.95	2.4
N815868		65.3	111.0	0.010	0.07	3.13	20.0	2	4.6	266	0.37	0.15	7.1	0.465	1.82	2.3
N815869		62.6	119.0	0.005	0.07	2.89	18.8	2	4.0	239	0.40	0.18	7.2	0.431	1.89	2.3
N815870		3850	186.0	0.007	0.59	66.8	15.5	4	20.9	368	0.75	0.27	7.9	0.449	2.09	3.9
N815871		83.6	116.0	0.005	0.07	3.32	22.9	2	5.1	207	0.38	0.20	7.1	0.425	1.71	2.2
N815872		86.5	89.9	0.006	0.10	2.67	24.8	1	5.1	289	0.36	0.24	5.7	0.509	1.77	2.0
N815873		67.7	81.4	0.007	0.08	2.02	20.5	1	4.9	306	0.33	0.18	4.9	0.474	1.71	1.9
N815874		31.5	66.7	0.009	0.07	1.23	20.2	1	4.2	365	0.34	0.17	4.2	0.489	1.35	1.5
N815875		49.9	93.0	0.010	0.14	1.53	21.5	2	5.5	267	0.33	0.22	4.7	0.453	1.74	1.5
N815876		168.0	161.0	0.015	0.44	2.70	22.1	2	6.5	199.0	0.31	0.33	5.7	0.438	2.29	1.6
N815877		1.9	26.4	0.003	<0.01	0.06	0.3	<1	<0.2	38.6	<0.05	<0.05	<0.2	<0.005	0.04	0.6
N815878		114.5	165.0	0.018	0.35	4.00	14.9	4	4.8	207	0.50	0.16	11.4	0.266	2.29	3.3
N815879		315	181.5	0.004	0.67	7.34	14.1	4	6.5	174.0	0.51	0.18	11.2	0.257	3.20	3.5



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Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12206244**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815844		169	2.6	18.3	97	13.7	1
N815845		161	4.0	20.1	76	13.1	<1
N815846		161	3.3	18.4	78	14.9	1
N815847		151	2.7	18.6	68	19.4	<1
N815848		175	3.0	17.6	92	22.4	1
N815849		177	2.5	19.0	97	24.8	1
N815850		171	11.0	15.1	138	21.1	3
N815851		177	9.8	15.1	323	23.8	7
N815852		173	3.5	17.3	149	20.9	1
N815853		170	7.0	14.2	107	23.2	2
N815854		161	4.8	21.5	66	23.0	1
N815855		170	8.0	21.3	81	23.8	1
N815856		165	4.6	19.5	77	21.0	1
N815857		131	4.6	17.1	86	30.0	1
N815858		162	4.6	18.5	129	23.6	<1
N815859		164	17.1	14.5	238	20.5	3
N815861		170	5.6	19.2	118	20.3	1
N815860		178	9.0	17.4	150	22.9	1
N815862		174	6.1	18.9	119	22.0	1
N815863		165	2.6	19.6	94	22.9	1
N815864		166	7.5	18.2	123	17.3	1
N815865		159	5.5	19.1	124	28.6	1
N815866		146	5.2	20.4	130	18.9	1
N815867		145	5.6	18.4	188	18.7	2
N815868		162	5.2	18.6	165	17.8	2
N815869		149	5.6	18.0	187	18.6	1
N815870		136	3.5	23.0	2350	65.9	32
N815871		149	7.4	18.9	204	22.0	2
N815872		183	5.9	19.0	175	21.0	2
N815873		167	6.1	16.1	175	22.1	1
N815874		165	4.1	18.4	106	25.1	1
N815875		165	6.5	13.0	108	24.6	2
N815876		169	5.4	11.5	173	22.6	2
N815877		2	0.1	0.9	13	<0.5	<1
N815878		101	7.6	10.1	186	58.2	2
N815879		101	10.9	10.0	340	66.0	3



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**CERTIFICATE OF ANALYSIS WH12206244**

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



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**CERTIFICATE WH12206245**

Project: Klaza TR-12-39 Batch 10

P.O. No.: Batch 10

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206245**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815880		4.45	0.124	4.41	7.17	132.5	940	1.32	2.64	0.13	1.25	54.5	4.3	56	20.4	664
N815881		5.15	0.180	2.26	8.04	119.0	1380	1.47	2.14	0.46	1.40	41.1	11.4	38	21.9	1035
N815882		5.01	0.404	4.96	8.30	235	960	1.52	4.49	0.19	1.90	55.6	6.3	25	24.7	795
N815883		4.26	0.190	2.61	8.39	211	650	1.67	2.34	0.16	3.14	47.2	14.9	24	33.3	1230
N815884		3.93	0.162	1.91	8.70	99.8	2040	1.43	2.00	0.62	1.68	37.6	10.4	25	20.9	909
N815885		6.83	0.303	10.45	9.11	238	880	1.14	33.6	0.17	2.15	53.1	2.5	25	30.6	559
N815886		4.94	0.117	1.79	7.08	155.5	730	1.68	2.21	0.20	2.45	51.1	10.9	32	33.4	1095
N815887		4.93	0.097	1.22	8.04	45.2	950	1.79	1.45	0.16	2.04	40.6	21.9	21	21.4	1365
N815888		5.28	0.352	3.51	7.55	85.1	1890	1.36	6.28	0.27	1.94	42.7	14.5	23	17.50	905
N815889		3.53	0.230	2.81	7.76	51.9	1950	1.43	3.31	0.56	1.55	44.9	6.5	24	15.10	959
N815890		4.09	0.175	1.62	7.78	25.8	1610	1.39	2.49	0.80	1.33	42.5	6.5	27	9.61	927
N815891		3.89	0.145	2.56	7.00	23.4	2210	1.36	2.93	0.39	1.58	54.5	6.3	57	16.30	1010
N815892		5.17	0.131	3.33	6.46	70.9	1780	1.37	3.66	0.24	1.55	51.5	4.6	51	18.70	883
N815893		3.48	0.224	7.90	6.86	33.0	2340	1.47	19.50	0.21	1.43	56.8	5.6	46	14.00	727
N815894		4.28	0.351	2.91	7.58	23.0	1960	1.72	7.53	0.68	1.17	53.4	8.1	112	10.65	820
N815895		4.63	0.089	1.61	7.09	22.5	2290	1.60	5.00	0.71	1.20	50.2	6.2	63	9.16	763
N815896		4.23	0.188	2.48	7.20	50.6	2020	1.10	6.38	0.35	0.95	47.7	3.4	30	13.10	648
N815897		3.83	0.075	0.95	7.49	10.8	1510	1.36	5.62	1.15	0.86	33.8	5.9	18	6.21	479
N815898		4.43	0.093	1.68	7.75	22.6	1690	1.37	7.70	0.82	1.09	44.6	5.6	17	8.94	647
N815899		5.17	0.091	3.69	6.39	71.7	1140	1.05	5.09	0.39	1.37	53.5	7.7	16	19.05	635
N815900		1.92	<0.005	0.11	0.17	<5	50	0.07	0.20	20.4	0.10	2.40	1.3	<1	0.54	23.2
N815901		4.90	0.168	1.70	7.11	13.1	1490	1.07	2.65	0.44	0.83	37.5	6.5	15	15.30	486
N815902		4.81	0.099	1.11	8.28	34.2	1090	1.50	1.31	0.67	1.28	43.0	19.2	24	16.30	768
N815903		4.71	0.075	1.46	7.26	72.7	1110	1.04	2.09	0.25	1.59	56.6	5.7	19	26.2	531
N815904		4.91	0.077	1.25	8.48	66.5	1480	1.47	1.92	0.30	1.64	56.6	23.1	21	31.3	909
N815905		4.37	0.081	1.14	8.70	73.4	1110	1.58	1.94	0.25	1.73	53.8	25.2	25	23.9	931
N815906		4.55	0.082	0.94	8.31	14.7	1830	1.66	1.62	1.39	0.97	43.2	12.8	22	6.94	653
N815907		5.70	0.177	2.87	7.97	105.5	2060	1.26	3.87	0.42	1.40	51.6	9.4	16	17.70	719
N815908		7.04	0.123	2.27	8.12	59.9	1940	1.50	3.34	0.70	1.51	58.8	11.4	17	15.90	818
N815909		4.55	0.073	0.82	7.72	15.7	1740	1.43	1.11	1.16	1.57	61.1	8.8	17	8.50	682
N815910		0.26	0.276	95.2	5.15	232	590	0.66	4.73	1.38	23.3	18.85	11.4	63	0.86	5840
N815911		4.10	0.065	1.18	7.89	22.5	1500	1.30	1.60	0.20	1.70	87.2	4.8	16	15.75	732
N815912		3.54	0.090	0.87	8.57	26.2	2660	1.63	1.01	0.48	2.27	69.5	11.5	28	11.80	1215
N815913		4.73	0.195	5.16	6.87	212	920	1.42	7.31	0.19	4.03	69.1	6.9	28	31.0	1155
N815914		5.84	0.073	1.90	7.72	63.3	2260	1.34	3.41	1.18	2.73	43.5	10.7	30	11.65	906
N815915		3.86	0.144	6.35	6.75	259	950	1.05	6.27	0.22	2.42	68.7	4.8	29	21.7	687



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Account: ROCKHA

Project: Klaza TR-12-39 Batch 10

**CERTIFICATE OF ANALYSIS WH12206245**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815880		6.69	18.50	0.17	1.8	0.235	3.32	29.5	9.5	0.39	94	121.5	0.06	7.7	5.4	1280
N815881		6.43	21.3	0.19	1.1	0.196	2.76	21.2	16.1	0.77	148	119.5	0.95	6.2	6.4	1280
N815882		6.22	23.1	0.21	0.9	0.434	3.78	29.7	12.8	0.56	162	130.0	0.17	4.1	4.3	890
N815883		6.69	20.9	0.20	0.9	0.266	3.54	24.1	10.6	0.36	497	142.5	0.07	5.5	6.6	1180
N815884		6.66	22.6	0.20	0.9	0.145	2.93	19.6	20.3	0.82	212	66.1	0.61	5.8	6.1	1000
N815885		5.96	21.3	0.22	0.9	0.509	3.95	28.4	7.4	0.37	118	77.7	0.06	5.0	2.9	850
N815886		7.15	16.95	0.22	1.3	0.271	2.82	29.0	13.7	0.35	332	74.7	0.06	6.0	7.3	1060
N815887		5.93	18.15	0.19	0.8	0.118	2.90	20.5	21.9	0.44	391	56.8	0.09	6.7	7.5	920
N815888		6.04	20.7	0.18	0.8	0.322	3.11	23.7	18.0	0.70	331	53.0	0.21	5.1	4.6	910
N815889		6.83	19.65	0.21	0.9	0.274	2.97	25.1	17.7	1.19	239	68.0	0.78	5.2	4.5	1070
N815890		6.52	18.90	0.20	0.9	0.128	2.56	22.8	18.3	1.47	271	65.6	1.24	6.3	4.7	1160
N815891		7.07	17.35	0.23	1.6	0.164	3.73	31.0	13.0	1.04	242	110.5	0.90	6.6	4.2	1210
N815892		7.05	14.10	0.21	1.7	0.252	3.48	29.5	10.3	0.60	247	74.5	0.27	6.1	3.3	1180
N815893		6.38	16.40	0.22	1.8	0.258	3.79	32.7	8.6	0.61	172	85.2	0.35	6.4	3.2	1140
N815894		7.44	21.9	0.26	1.8	0.161	3.33	29.6	22.5	2.45	271	86.4	1.01	8.6	10.3	2020
N815895		6.09	17.70	0.21	1.7	0.105	3.17	27.5	13.1	1.46	200	58.3	1.06	8.5	5.6	1350
N815896		5.74	18.30	0.21	0.7	0.121	3.29	25.4	10.1	1.00	146	65.9	0.70	5.8	4.2	850
N815897		4.38	17.55	0.19	0.6	0.080	1.93	18.3	12.7	1.30	190	32.5	1.55	7.1	4.6	760
N815898		5.59	19.30	0.20	0.7	0.127	2.58	23.9	12.8	1.25	195	33.9	1.43	6.8	3.9	1040
N815899		7.75	15.80	0.22	0.6	0.277	2.88	30.1	9.2	0.71	254	42.0	0.37	5.4	2.4	1020
N815900		0.58	0.53	0.11	<0.1	0.009	0.07	1.2	1.3	12.30	183	1.06	0.01	0.5	2.4	190
N815901		5.38	17.90	0.17	0.6	0.100	2.86	21.5	11.3	0.80	169	45.7	1.06	5.5	2.4	670
N815902		5.77	19.75	0.18	0.9	0.127	2.58	21.0	18.4	1.12	507	55.9	1.13	6.8	5.7	1040
N815903		6.30	16.30	0.19	0.8	0.099	3.15	31.5	7.3	0.39	237	42.3	0.13	6.3	2.9	700
N815904		6.17	19.20	0.20	0.8	0.098	3.04	28.9	14.6	0.67	480	48.0	0.50	7.1	5.6	970
N815905		5.63	19.95	0.18	0.9	0.088	3.20	25.6	19.6	0.66	680	58.5	0.37	7.1	6.2	950
N815906		5.69	19.05	0.21	0.9	0.061	2.57	20.0	21.3	1.69	357	47.4	1.77	7.5	6.9	1210
N815907		5.97	16.90	0.20	0.9	0.319	3.58	26.6	15.0	0.98	322	96.1	0.63	6.6	4.9	1040
N815908		5.73	18.35	0.21	1.0	0.298	3.29	29.4	17.1	1.09	308	64.0	1.01	7.8	5.6	1210
N815909		5.85	18.10	0.21	1.1	0.073	2.54	36.8	32.6	1.51	272	40.7	1.34	7.7	6.9	2180
N815910		5.52	11.40	0.16	1.5	0.420	1.08	9.4	13.6	1.08	1660	23.1	1.55	3.5	28.6	440
N815911		5.73	17.00	0.21	1.1	0.074	3.07	53.7	36.9	0.41	106	64.4	0.54	6.5	4.8	950
N815912		5.85	19.15	0.19	1.2	0.072	2.24	37.3	36.3	0.64	264	61.6	0.50	6.3	8.1	1060
N815913		9.09	16.60	0.26	1.1	0.496	2.59	39.2	14.1	0.31	124	48.2	0.07	6.0	6.9	1200
N815914		7.61	17.85	0.22	1.2	0.197	2.11	21.9	19.9	1.15	335	38.9	1.14	6.6	7.3	1130
N815915		8.85	17.15	0.24	1.3	1.630	2.74	35.0	16.9	0.29	165	28.8	0.09	7.1	4.1	1670



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Project: Klaza TR-12-39 Batch 10

**CERTIFICATE OF ANALYSIS WH12206245**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815880		189.0	164.5	0.006	0.63	8.05	15.2	5	6.1	196.5	0.58	0.27	11.0	0.265	3.06	3.7
N815881		57.3	149.0	0.012	0.23	4.44	22.1	4	6.3	223	0.40	0.27	7.2	0.393	2.23	2.6
N815882		247	210	0.008	0.60	11.35	23.4	3	14.0	185.0	0.26	0.37	6.1	0.364	3.31	2.5
N815883		140.5	172.5	0.013	0.50	7.11	23.9	3	4.9	163.5	0.35	0.31	5.4	0.455	3.65	3.8
N815884		79.1	159.5	0.005	0.32	5.46	22.3	4	7.4	239	0.36	0.28	6.2	0.448	2.58	2.1
N815885		663	192.5	0.006	0.67	10.25	23.0	6	17.0	293	0.34	2.58	5.9	0.401	3.72	2.3
N815886		168.5	150.5	0.004	0.44	11.10	15.7	4	5.5	240	0.43	0.30	9.7	0.295	2.77	4.4
N815887		59.8	145.0	0.006	0.14	5.13	16.9	3	5.4	105.5	0.49	0.27	11.1	0.343	2.37	3.7
N815888		130.0	159.0	0.004	0.51	5.08	18.8	3	11.0	190.0	0.37	0.47	8.5	0.339	2.46	2.5
N815889		84.3	147.5	0.010	0.38	3.20	19.7	4	7.4	266	0.38	0.43	8.8	0.354	2.29	2.6
N815890		42.8	124.0	0.011	0.38	1.96	19.4	4	5.8	322	0.43	0.46	10.7	0.378	1.66	2.7
N815891		57.9	153.5	0.016	0.86	2.62	17.2	4	6.5	306	0.48	0.68	10.2	0.284	2.06	2.8
N815892		109.5	158.0	0.012	1.06	4.08	13.6	5	6.5	244	0.48	0.75	10.8	0.231	2.60	2.9
N815893		120.0	154.5	0.009	0.96	2.81	13.6	4	9.9	224	0.51	8.21	12.1	0.227	2.25	3.2
N815894		44.6	165.0	0.017	0.50	2.56	26.7	5	6.7	242	0.55	2.12	10.7	0.399	2.00	3.7
N815895		36.9	124.5	0.015	0.54	1.88	16.5	3	4.9	337	0.63	0.92	10.8	0.288	1.64	3.0
N815896		50.4	154.5	0.009	0.68	1.94	16.8	4	9.4	195.5	0.36	1.21	8.2	0.253	2.01	1.8
N815897		17.3	85.4	0.004	0.18	1.22	15.1	2	5.3	326	0.51	0.77	10.4	0.326	1.15	1.7
N815898		39.2	110.0	0.006	0.40	1.60	17.2	3	7.3	290	0.46	0.64	11.2	0.329	1.53	2.1
N815899		441	133.0	0.003	1.73	2.97	16.5	4	8.0	185.0	0.37	0.36	12.3	0.295	2.25	1.8
N815900		11.5	3.9	<0.002	0.02	0.22	0.5	1	0.3	48.4	<0.05	<0.05	0.4	0.010	0.05	0.9
N815901		125.5	136.5	0.004	1.03	2.13	14.7	3	9.2	210	0.38	0.37	10.6	0.273	1.79	1.6
N815902		123.0	133.5	0.014	0.19	3.34	19.6	3	5.2	209	0.47	0.19	8.7	0.412	2.12	2.5
N815903		88.8	146.0	0.002	1.14	4.22	16.6	3	5.1	109.0	0.42	0.21	7.9	0.403	2.57	2.4
N815904		40.3	151.5	0.004	0.55	4.66	20.4	3	3.9	156.5	0.44	0.31	9.3	0.434	2.44	2.8
N815905		33.1	148.0	0.003	0.24	5.04	19.5	3	3.9	100.5	0.49	0.19	8.5	0.450	2.74	3.1
N815906		26.8	92.2	0.008	0.10	1.62	18.7	3	3.9	353	0.56	0.22	13.7	0.404	1.42	2.8
N815907		128.0	156.5	0.010	0.64	2.71	17.6	4	6.9	174.0	0.47	0.29	13.4	0.344	2.37	2.2
N815908		89.2	143.5	0.011	0.40	2.48	18.6	4	4.7	223	0.56	0.27	15.3	0.374	2.11	2.8
N815909		24.7	99.8	0.005	0.12	2.38	18.3	3	4.2	260	0.54	0.22	15.1	0.369	1.43	2.8
N815910		9730	28.8	0.010	2.18	428	12.5	3	2.0	183.5	0.23	1.18	2.1	0.238	0.49	1.3
N815911		39.5	139.5	0.003	0.71	6.34	16.7	3	6.2	132.0	0.46	0.30	12.7	0.328	1.83	2.6
N815912		27.3	107.0	0.007	0.18	7.02	21.4	3	3.9	196.5	0.42	0.18	8.6	0.421	1.50	3.4
N815913		287	133.5	0.003	0.59	27.1	20.0	5	7.7	133.5	0.40	0.55	8.0	0.417	2.45	4.5
N815914		80.8	88.9	0.003	0.20	7.61	21.7	4	3.8	347	0.44	0.34	7.2	0.454	1.36	3.3
N815915		277	130.0	0.002	1.27	16.95	19.7	4	6.3	393	0.48	0.39	11.1	0.464	2.45	3.4





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**CERTIFICATE OF ANALYSIS WH12206245**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815880		111	8.1	10.5	325	64.4	4
N815881		164	9.3	15.7	197	36.2	2
N815882		177	12.0	12.8	311	24.1	5
N815883		178	11.4	17.7	378	23.3	2
N815884		181	16.3	15.3	284	24.3	2
N815885		188	31.8	10.7	294	25.0	10
N815886		120	10.0	17.0	462	39.7	1
N815887		127	5.7	18.6	273	23.9	1
N815888		142	7.1	14.8	209	27.5	4
N815889		144	6.1	15.8	197	29.0	3
N815890		143	6.2	16.2	126	29.7	2
N815891		127	7.1	12.6	135	53.8	3
N815892		96	9.3	11.0	143	57.2	3
N815893		95	9.6	10.8	117	60.3	8
N815894		179	6.0	18.7	136	63.0	3
N815895		116	4.2	13.2	96	56.3	1
N815896		116	12.5	10.1	87	22.1	3
N815897		109	3.7	14.3	74	15.5	1
N815898		143	7.5	14.1	99	20.5	2
N815899		128	13.0	11.1	135	15.6	4
N815900		6	0.4	1.2	17	0.8	<1
N815901		115	17.8	8.6	95	17.7	2
N815902		150	11.8	14.8	216	31.0	1
N815903		139	21.9	11.5	145	27.6	1
N815904		152	10.3	14.6	183	29.2	1
N815905		155	11.9	15.4	214	28.3	1
N815906		160	13.8	18.3	137	25.4	1
N815907		154	17.6	13.1	167	24.9	4
N815908		148	12.8	18.5	173	30.9	3
N815909		157	9.0	19.5	159	35.7	<1
N815910		76	0.7	14.4	4860	51.3	91
N815911		144	17.6	13.7	191	34.8	1
N815912		173	9.0	22.8	302	38.4	<1
N815913		155	10.3	17.9	441	31.7	6
N815914		170	62.0	18.6	346	38.4	2
N815915		157	11.0	13.0	725	40.9	6



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Project: Klaza TR-12-39 Batch 10

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**CERTIFICATE OF ANALYSIS WH12206245**

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



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**CERTIFICATE WH12206246**

Project: Klaza TR-12-39

P.O. No.: Batch 11

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12206246**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815916		4.94	0.095	1.56	8.83	71.8	3540	1.72	1.51	0.38	4.23	52.1	14.8	30	23.9	1110
N815917		5.00	0.059	0.94	8.26	64.8	8110	1.77	0.84	0.23	3.86	62.2	22.6	20	15.70	762
N815918		4.91	0.311	1.77	7.97	119.5	670	1.76	1.19	0.11	2.97	54.4	14.4	22	19.35	1165
N815919		4.47	0.261	2.42	8.10	112.5	1600	1.53	1.37	0.12	3.13	47.2	12.6	27	20.5	1245
N815920		4.80	0.101	2.06	7.67	140.5	2240	1.43	1.06	0.11	2.58	44.5	3.5	26	16.10	834
N815921		5.07	0.110	2.01	6.76	136.0	720	1.12	1.60	0.15	2.57	51.0	2.3	20	22.6	526
N815922		5.09	0.087	1.40	7.98	52.6	1170	1.56	1.39	0.25	5.08	48.4	10.2	14	24.0	1100
N815923		3.92	0.086	0.97	8.09	23.4	5390	1.64	0.78	0.52	4.07	53.0	11.2	13	10.55	997
N815924		6.74	0.173	1.21	8.22	45.3	1750	1.67	1.35	1.14	3.19	43.6	12.9	16	11.00	1160
N815925		4.62	0.066	0.79	8.85	24.8	1870	1.50	0.45	0.54	5.36	48.3	26.3	30	17.50	870
N815926		3.64	0.093	0.88	8.87	26.0	3200	1.53	0.59	0.83	3.59	42.0	20.5	30	14.55	905
N815927		3.97	0.084	0.94	8.85	20.5	1600	1.30	0.40	0.47	4.48	34.2	21.7	32	15.85	812
N815928		5.98	0.135	1.07	7.89	38.7	1800	1.28	1.01	1.09	3.26	36.5	10.6	27	15.50	951
N815929		3.76	0.112	1.14	8.43	64.7	2810	1.37	1.07	0.43	4.83	37.3	12.5	27	13.80	917
N815930		4.19	0.133	2.18	9.12	112.0	1800	1.43	0.72	0.18	7.20	44.6	22.4	28	18.55	1305
N815931		4.48	0.153	2.01	8.83	100.0	2210	1.55	0.87	0.29	10.25	47.8	18.6	26	21.1	1050
N815932		4.99	0.141	1.60	8.91	59.3	3830	1.49	0.66	0.52	5.96	47.1	25.5	28	17.35	1195
N815933		0.26	0.266	98.5	5.41	242	570	0.64	4.96	1.40	23.3	19.45	11.2	63	0.93	5810
N815934		4.87	0.213	3.00	7.45	206	1070	1.56	2.42	0.12	6.54	40.3	14.9	23	24.4	1105
N815935		4.87	0.263	2.39	7.52	227	810	1.48	2.06	0.09	5.15	38.3	10.9	22	20.3	898
N815936		4.16	0.156	2.02	7.97	153.5	840	1.99	1.64	0.15	6.37	46.1	22.2	24	23.1	1260
N815937		6.37	0.183	4.89	8.49	151.5	1640	1.21	3.53	0.11	0.70	51.7	4.7	23	40.1	594
N815938		6.79	0.245	15.85	8.22	187.0	1400	0.82	17.95	0.08	0.40	57.1	1.1	26	25.3	231
N815939		5.26	0.280	12.25	8.30	168.5	860	0.85	8.64	0.19	0.62	46.3	2.7	25	24.9	358
N815940		2.16	<0.005	0.07	0.07	<5	20	0.06	0.10	20.6	0.06	1.17	1.1	<1	0.21	3.2
N815941		5.36	0.277	4.08	8.73	81.3	4480	1.51	3.40	0.89	2.79	43.2	13.7	24	16.10	915
N815942		6.87	0.099	3.04	8.20	66.3	2600	1.28	1.69	0.92	4.63	48.4	9.9	23	22.6	706
N815943		4.00	0.159	3.59	8.11	289	1150	1.18	2.73	0.24	7.70	48.2	7.7	22	26.7	675
N815944		4.22	0.118	2.64	8.42	72.5	2490	1.17	2.14	0.31	12.55	47.9	25.1	25	29.6	834
N815945		4.28	0.213	2.50	8.77	65.5	920	1.22	1.65	0.17	5.74	39.9	8.1	26	28.3	900
N815946		4.06	0.115	1.47	8.67	29.5	1950	1.43	1.19	1.62	4.73	45.3	21.2	28	13.75	1205
N815947		5.99	0.165	1.75	8.45	34.9	1020	1.47	1.21	0.94	4.31	41.8	28.1	27	14.75	1375
N815948		5.49	0.112	2.10	8.76	103.0	720	1.82	1.94	0.16	2.49	47.8	15.8	29	23.7	1025
N815949		4.96	0.089	1.81	8.04	133.0	770	1.66	2.07	0.16	2.24	55.7	14.3	23	19.00	836
N815950		4.65	0.057	0.95	8.28	106.0	1210	1.62	1.08	0.26	3.41	54.9	16.7	18	16.15	581
N815951		5.52	0.117	1.15	8.56	48.8	1860	1.52	1.21	0.65	3.27	51.9	15.9	31	17.10	769



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Account: ROCKHA

Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12206246**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815916		7.40	21.3	0.20	1.4	0.251	2.71	26.1	26.7	0.62	575	64.0	0.45	7.6	8.0	1120
N815917		4.34	20.6	0.16	1.8	0.078	2.91	29.8	20.7	0.35	1160	24.3	0.34	9.1	7.7	960
N815918		5.29	20.9	0.19	1.8	0.115	3.50	30.1	10.2	0.33	352	48.2	0.05	8.3	6.5	950
N815919		5.39	20.5	0.20	1.5	0.144	3.59	25.6	11.4	0.35	327	65.5	0.05	6.9	5.2	970
N815920		4.97	17.20	0.19	1.6	0.102	3.31	26.6	30.0	0.29	85	59.8	0.05	7.8	4.2	700
N815921		4.86	16.05	0.21	1.6	0.150	3.18	30.4	9.5	0.30	108	43.0	0.04	7.8	2.7	560
N815922		6.64	19.00	0.23	1.0	0.108	3.17	27.6	14.4	0.46	494	41.2	0.17	8.4	7.3	1060
N815923		6.49	18.20	0.23	1.1	0.057	2.80	31.7	24.4	1.17	431	55.8	0.37	9.2	9.2	1130
N815924		6.95	20.6	0.23	1.0	0.094	2.48	22.7	26.7	1.18	355	48.1	1.50	7.6	8.2	1230
N815925		5.11	23.1	0.20	0.9	0.065	2.07	18.2	27.8	0.62	1040	26.5	0.42	7.4	7.7	1190
N815926		5.58	22.6	0.21	0.8	0.072	2.22	17.3	28.1	0.75	669	40.7	0.87	7.6	7.7	1140
N815927		5.82	21.4	0.14	1.0	0.063	2.22	12.4	24.6	0.79	839	29.4	0.33	7.4	6.9	1080
N815928		7.08	19.60	0.19	1.0	0.087	2.37	20.0	22.7	1.39	343	46.5	1.30	7.1	6.1	1030
N815929		6.46	19.90	0.19	0.9	0.151	2.51	18.7	20.0	0.61	608	41.6	0.44	6.9	5.1	950
N815930		6.23	22.9	0.21	0.8	0.112	2.96	19.7	23.2	0.32	1280	55.5	0.06	7.6	5.6	1010
N815931		6.63	21.0	0.22	0.8	0.155	2.69	22.0	23.4	0.39	1400	40.0	0.16	7.0	6.0	1050
N815932		5.53	21.0	0.19	1.0	0.091	2.52	19.5	20.0	0.55	1550	37.3	0.55	7.2	6.0	1020
N815933		5.70	12.30	0.16	1.6	0.406	1.14	9.2	12.0	1.11	1650	19.95	1.61	3.4	26.5	450
N815934		6.64	17.55	0.22	0.9	0.239	3.40	22.9	15.1	0.37	1280	47.4	0.05	5.6	5.0	880
N815935		5.87	19.00	0.24	1.3	0.169	3.38	20.4	14.4	0.37	1320	55.6	0.04	6.1	4.3	790
N815936		5.80	18.80	0.24	1.3	0.223	3.37	25.3	22.4	0.32	1350	39.4	0.05	6.4	6.8	950
N815937		5.90	19.80	0.20	1.5	0.219	3.55	26.2	15.7	0.40	145	38.1	0.05	6.6	3.0	1020
N815938		6.51	20.7	0.28	1.1	0.202	3.74	31.4	10.0	0.37	84	36.3	0.07	6.1	0.6	630
N815939		7.17	20.7	0.27	1.0	0.187	3.59	24.3	16.2	0.39	192	47.6	0.23	5.9	1.8	690
N815940		0.46	0.32	0.21	<0.1	<0.005	0.03	0.6	1.3	12.70	198	0.33	0.01	0.3	1.6	180
N815941		6.28	21.9	0.21	1.1	0.141	2.51	21.4	33.2	1.25	748	39.2	0.92	6.3	7.3	1400
N815942		6.91	21.5	0.24	1.1	0.186	2.73	25.3	24.8	1.03	877	43.9	0.79	6.4	6.4	1200
N815943		7.38	20.5	0.23	1.1	0.495	3.33	25.4	22.8	0.44	1100	34.8	0.10	6.8	6.7	900
N815944		7.82	21.9	0.25	1.0	0.221	3.20	24.7	21.2	0.57	3030	39.7	0.23	5.9	10.9	1090
N815945		6.18	22.6	0.21	0.9	0.164	3.06	20.2	18.6	0.45	1120	51.9	0.06	5.6	5.9	830
N815946		6.88	23.4	0.24	0.9	0.118	2.28	22.5	29.9	1.81	1920	43.9	1.46	6.9	8.5	1330
N815947		6.13	21.9	0.22	0.8	0.114	2.23	18.5	28.8	1.36	2080	92.6	1.21	6.4	7.8	1220
N815948		5.42	21.4	0.24	1.3	0.130	3.84	24.1	13.1	0.41	757	50.9	0.11	5.8	4.2	1070
N815949		4.12	18.50	0.23	2.1	0.120	3.79	29.2	10.6	0.35	942	44.2	0.09	7.5	4.1	840
N815950		3.89	20.4	0.21	2.9	0.075	3.59	26.8	13.6	0.35	1160	29.3	0.22	9.6	5.8	840
N815951		4.54	21.1	0.22	1.6	0.095	2.69	24.2	26.1	0.91	950	32.0	0.62	7.8	6.1	1010



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Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12206246**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N815916		131.5	128.5	0.003	0.21	13.65	19.6	3	3.5	223	0.49	0.24	8.4	0.439	4.1
N815917		60.8	146.0	<0.002	0.34	10.35	12.3	2	2.6	266	0.65	0.08	10.7	0.295	4.9
N815918		152.0	175.0	0.003	0.21	15.75	13.6	2	4.3	71.0	0.60	0.22	10.2	0.315	5.4
N815919		141.0	178.0	0.009	0.22	13.75	16.3	3	5.1	76.3	0.47	0.22	8.7	0.338	3.9
N815920		106.0	151.5	0.003	0.36	14.80	8.4	2	4.2	115.5	0.60	0.14	11.0	0.194	3.7
N815921		167.5	148.5	0.002	0.82	17.50	9.0	2	4.6	122.0	0.59	0.15	11.4	0.205	3.1
N815922		57.7	141.0	0.002	0.23	13.10	15.7	3	3.9	113.5	0.64	0.15	14.8	0.352	3.8
N815923		24.0	117.0	0.002	0.13	4.20	16.9	2	2.9	267	0.70	0.11	16.6	0.365	3.7
N815924		28.1	108.5	0.005	0.06	3.30	17.4	3	4.4	308	0.55	0.18	10.9	0.381	3.5
N815925		16.3	103.5	<0.002	0.04	3.84	20.8	2	2.5	147.0	0.46	0.06	5.8	0.485	2.6
N815926		19.9	107.5	0.002	0.09	5.57	23.2	2	2.6	280	0.46	0.06	6.5	0.506	2.7
N815927		27.6	88.3	<0.002	0.02	2.90	20.8	2	2.3	109.5	0.47	<0.05	5.6	0.529	2.0
N815928		51.6	115.0	0.004	0.07	3.04	19.4	2	3.0	315	0.45	0.10	7.5	0.449	2.7
N815929		85.8	121.0	0.004	0.11	6.23	18.3	2	3.3	189.0	0.47	0.10	8.1	0.445	2.6
N815930		363	133.5	0.010	0.06	19.80	20.4	2	3.7	86.7	0.49	0.08	6.9	0.500	2.2
N815931		397	124.0	0.003	0.09	15.40	20.5	3	4.8	122.5	0.44	0.11	7.0	0.481	2.2
N815932		71.1	109.5	0.003	0.11	7.02	21.3	2	3.0	221	0.48	0.07	7.6	0.532	2.5
N815933		9660	33.3	0.010	2.27	434	11.5	2	1.9	194.5	0.23	1.11	2.2	0.239	1.4
N815934		223	190.5	0.006	0.22	61.2	16.3	4	3.9	106.5	0.38	0.24	7.5	0.351	2.9
N815935		137.5	197.5	0.005	0.08	55.4	16.1	4	5.5	97.1	0.43	0.33	8.0	0.337	2.8
N815936		56.2	174.5	0.007	0.08	50.1	17.9	3	3.8	86.8	0.43	0.21	7.8	0.388	3.0
N815937		224	197.0	0.003	0.60	11.50	16.5	3	5.5	341	0.47	0.59	10.8	0.333	2.9
N815938		1075	180.0	0.003	0.81	7.64	17.2	14	12.4	234	0.40	3.46	7.1	0.396	1.7
N815939		430	178.5	0.002	0.95	8.52	15.3	8	7.9	157.5	0.39	1.19	7.9	0.385	1.6
N815940		6.2	1.5	<0.002	0.01	0.07	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.5
N815941		143.5	130.0	0.004	0.22	6.22	20.6	3	5.5	380	0.38	0.18	5.9	0.498	2.6
N815942		149.5	142.5	0.004	0.70	5.85	19.3	3	5.1	331	0.39	0.15	6.6	0.486	2.6
N815943		293	166.0	0.002	0.87	23.1	17.0	2	7.8	120.5	0.40	0.25	6.2	0.485	2.7
N815944		137.5	169.5	0.004	0.64	9.25	19.7	3	5.8	182.5	0.35	0.26	6.5	0.448	3.2
N815945		82.6	163.5	0.003	0.73	7.34	19.9	2	6.8	104.0	0.34	0.14	6.5	0.466	2.8
N815946		48.6	91.1	0.004	0.23	3.39	21.9	3	5.5	438	0.41	0.12	7.0	0.519	2.8
N815947		43.9	110.0	0.004	0.06	4.29	19.1	3	4.3	271	0.39	0.17	7.1	0.460	2.9
N815948		162.5	190.0	0.006	0.07	15.10	17.4	4	4.9	56.5	0.40	0.28	9.6	0.364	3.8
N815949		79.3	180.5	0.003	0.07	17.95	10.1	2	4.0	40.5	0.57	0.25	12.7	0.239	4.0
N815950		51.2	144.5	<0.002	0.05	11.55	11.1	2	2.7	85.3	0.71	0.18	11.3	0.314	5.5
N815951		39.1	129.0	0.003	0.07	10.65	18.7	2	3.9	186.5	0.53	0.19	8.7	0.451	3.3



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 Account: ROCKHA

Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12206246**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815916		168	8.8	17.6	521	53.2	1
N815917		96	4.4	16.3	274	67.2	1
N815918		112	7.9	16.5	245	63.4	1
N815919		137	10.0	15.5	242	54.9	2
N815920		70	7.4	12.6	207	56.7	2
N815921		64	9.0	9.4	210	53.8	2
N815922		133	7.3	16.3	375	30.1	1
N815923		133	4.5	19.1	278	37.9	<1
N815924		151	4.7	21.9	300	30.9	1
N815925		177	3.8	19.9	396	27.5	<1
N815926		189	5.3	20.4	322	24.6	<1
N815927		201	9.9	16.4	300	25.6	1
N815928		170	3.4	18.3	306	30.3	1
N815929		170	6.9	17.7	497	27.0	1
N815930		188	8.2	19.5	599	17.5	2
N815931		180	7.8	20.7	721	17.6	2
N815932		198	5.8	18.7	386	24.8	2
N815933		81	1.9	13.8	4930	57.9	100
N815934		146	8.9	21.1	381	28.6	4
N815935		141	12.3	19.2	297	41.7	2
N815936		165	8.8	26.7	379	42.4	2
N815937		137	11.0	8.6	300	53.4	5
N815938		172	18.6	6.5	302	34.1	17
N815939		161	10.9	6.7	312	28.8	14
N815940		1	0.1	0.8	15	<0.5	<1
N815941		202	10.1	19.9	416	31.4	4
N815942		191	11.4	17.2	434	32.1	3
N815943		178	13.6	11.5	757	35.8	4
N815944		196	10.2	14.8	616	28.5	2
N815945		204	13.3	9.7	349	21.7	3
N815946		210	6.5	20.3	257	20.9	2
N815947		185	5.2	18.0	232	20.7	2
N815948		156	8.6	16.9	236	37.2	2
N815949		86	7.6	15.6	183	70.1	2
N815950		94	6.3	16.0	246	109.5	1
N815951		165	5.4	20.5	219	55.7	1



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**CERTIFICATE OF ANALYSIS WH12206246**

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





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**CERTIFICATE WH12206247**

Project: Klaza TR-12-39 Batch 12

P.O. No.: Batch 12

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206247**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N815952		7.24	0.106	1.26	8.63	32.6	2300	1.39	1.10	0.69	2.56	48.3	17.8	28	15.95	818
N815953		5.68	0.084	1.21	8.63	73.4	1730	2.04	1.01	0.33	1.78	53.4	20.5	26	16.75	1130
N815954		4.63	0.110	1.21	8.58	68.1	1210	1.75	1.16	0.36	2.64	52.7	20.7	25	21.3	1240
N815955		5.15	0.099	1.24	8.54	34.9	1700	1.57	1.54	0.68	2.20	49.5	19.1	27	19.50	953
N815956		8.22	0.122	1.91	7.43	124.0	2170	1.49	1.92	0.38	1.78	40.7	16.0	21	16.00	789
N815957		4.58	0.179	4.75	7.71	159.0	1160	1.67	7.70	0.24	1.69	42.0	7.3	20	29.6	750
N815958		5.77	0.111	3.03	8.76	199.0	680	1.34	5.04	0.23	3.10	41.4	14.5	19	15.50	758
N815959		3.58	0.077	1.15	8.89	44.1	2590	1.57	1.48	0.68	2.40	33.6	14.2	18	18.00	583
N815960		4.27	0.085	1.50	8.10	49.7	6370	1.62	1.95	1.01	2.47	32.3	11.1	16	14.55	646
N815961		4.26	0.058	1.15	9.15	41.1	1660	1.52	1.69	0.54	1.74	31.3	9.7	18	14.10	518
N815962		5.76	0.066	0.71	9.05	44.2	700	1.61	1.15	0.37	1.90	38.8	15.4	16	14.75	566
N815963		5.58	0.120	1.14	8.66	57.6	1560	1.53	1.44	0.46	1.63	34.4	14.3	15	14.25	655
N815964		6.74	0.087	1.23	8.52	49.8	1470	1.78	1.92	1.09	1.54	37.5	11.5	17	13.65	646
N815965		4.84	0.090	0.92	8.19	31.9	1360	1.76	1.62	1.28	1.29	34.8	10.0	19	13.95	688
N815966		4.90	0.074	1.40	8.41	52.4	2030	1.70	1.53	0.42	1.76	38.3	17.6	15	18.95	927
N815967		4.25	0.072	1.93	8.46	116.5	720	1.59	3.00	0.21	1.12	61.1	3.1	14	24.2	670
N815968		4.14	0.078	1.73	8.32	90.6	3460	1.72	2.41	0.28	1.90	39.1	9.6	16	19.60	888
N815969		7.00	0.088	2.22	8.30	118.5	1710	1.49	3.40	0.23	1.97	35.1	10.5	16	19.05	869
N815970		7.54	0.210	4.99	7.95	355	600	1.60	7.61	0.14	2.39	37.2	5.9	17	22.4	1335
N815971		4.30	<0.005	0.02	0.07	<5	30	0.05	0.04	21.2	0.06	1.24	1.1	<1	0.20	6.2
N815972		4.04	0.212	11.75	7.05	375	500	1.91	115.0	0.13	2.67	39.1	7.8	14	18.10	1875
N815973		5.04	0.250	4.61	8.45	389	800	1.90	17.55	0.24	3.17	66.2	18.8	14	20.3	1490
N815974		6.40	0.136	1.43	8.87	187.0	880	1.77	2.30	0.26	1.95	67.4	18.6	15	19.40	1260
N815975		5.47	0.191	1.31	8.90	194.0	630	1.97	1.91	0.22	2.09	55.9	16.8	13	19.70	1625
N815976		4.17	0.279	1.73	8.42	221	620	2.02	1.77	0.22	3.19	62.2	24.2	14	22.2	1610
N815977		4.89	0.493	2.49	7.92	420	1110	1.86	1.59	0.20	6.22	63.1	17.0	12	25.4	1980
N815978		5.14	0.108	1.06	8.42	88.7	3570	1.77	1.28	0.52	1.67	58.4	14.3	16	18.95	964
N815979		3.77	0.093	0.88	8.66	83.9	2510	1.94	1.51	0.54	1.86	64.8	19.1	14	16.05	1040
N815980		5.32	0.087	0.81	8.24	27.4	2310	1.75	1.11	1.16	0.93	52.1	15.6	14	9.91	705
N815981		5.27	0.158	1.16	8.41	52.5	2260	1.79	1.55	0.58	1.25	52.9	20.7	12	11.30	1110
N815982		0.26	0.271	>100	5.35	201	610	0.67	4.99	1.45	23.3	19.40	11.3	64	0.86	6100
N815983		7.17	0.202	1.36	8.12	24.4	2060	1.65	1.04	0.60	0.97	53.0	16.9	25	10.20	810
N815984		4.53	0.190	1.50	7.96	35.9	2160	1.67	1.25	1.19	0.68	54.4	16.2	30	7.25	724
N815985		6.13	0.249	1.61	8.24	82.6	2520	2.24	1.85	0.40	1.70	56.3	20.3	14	21.0	1485
N815986		6.06	1.050	2.47	8.08	99.5	1460	1.85	5.12	0.63	1.57	43.2	9.2	17	15.90	1035
N815987		4.75	0.156	1.44	8.41	60.3	1200	2.03	2.04	0.83	2.07	42.9	17.8	18	12.50	1610



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Account: ROCKHA

Project: Klaza TR-12-39 Batch 12

**CERTIFICATE OF ANALYSIS WH12206247**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815952		4.69	22.0	0.17	1.4	0.087	2.52	23.2	31.0	1.33	910	29.4	0.62	7.4	6.5	960
N815953		5.03	20.5	0.20	1.4	0.089	3.52	30.5	26.4	0.86	741	46.2	0.24	7.0	5.6	800
N815954		5.23	22.2	0.20	1.2	0.072	2.81	26.9	32.2	0.85	935	45.7	0.18	6.5	6.5	910
N815955		5.30	21.4	0.20	1.3	0.091	2.47	25.6	35.9	1.42	851	37.9	0.60	7.0	6.5	990
N815956		4.38	18.65	0.19	1.0	0.127	2.87	21.3	23.1	0.57	722	46.8	0.38	6.6	4.7	790
N815957		5.15	18.95	0.21	0.9	0.353	2.71	23.8	25.5	0.42	425	52.7	0.17	6.6	6.7	840
N815958		4.51	21.8	0.18	0.6	0.253	2.00	19.3	55.0	0.22	997	35.7	0.09	7.2	5.7	1060
N815959		3.31	23.6	0.15	0.7	0.114	1.34	13.2	29.3	0.44	1310	18.25	0.56	8.6	5.3	1010
N815960		4.67	20.9	0.21	0.6	0.127	2.05	15.8	20.4	0.49	1020	35.8	1.02	7.0	4.8	940
N815961		3.63	23.4	0.16	0.6	0.124	1.53	11.9	27.9	0.38	1020	25.5	0.36	7.2	4.2	920
N815962		2.83	22.8	0.14	0.6	0.057	1.57	14.2	27.5	0.35	1300	36.3	0.29	7.2	5.6	940
N815963		3.86	23.0	0.18	0.6	0.077	1.84	15.9	29.4	0.53	808	39.4	0.68	7.1	5.4	890
N815964		4.65	23.0	0.21	0.6	0.116	2.03	17.3	24.7	0.61	855	41.8	1.39	8.0	5.7	1030
N815965		4.09	21.0	0.20	0.7	0.087	1.85	16.4	22.2	0.62	696	32.9	1.72	7.7	5.0	1010
N815966		4.61	20.0	0.23	0.7	0.078	2.69	17.7	21.2	0.32	1300	44.1	0.74	7.5	5.6	930
N815967		5.98	20.0	0.23	0.7	0.123	3.58	32.8	18.5	0.38	196	33.9	0.15	8.0	4.3	1160
N815968		4.91	21.4	0.20	0.7	0.142	2.78	20.6	25.7	0.31	1060	47.9	0.42	7.3	4.5	860
N815969		4.59	20.3	0.22	0.7	0.218	2.75	18.5	18.8	0.33	973	35.6	0.23	6.7	3.6	760
N815970		6.12	22.5	0.22	0.6	0.365	3.48	20.8	17.4	0.37	866	26.7	0.05	5.1	3.0	920
N815971		0.48	0.29	0.08	<0.1	<0.005	0.03	0.6	1.0	12.60	196	0.22	<0.01	0.3	1.3	350
N815972		6.28	19.45	0.18	0.6	0.404	3.16	20.2	19.9	0.35	889	45.8	0.05	4.6	3.4	950
N815973		5.63	19.80	0.21	0.8	0.267	3.40	31.7	26.5	0.37	1600	45.8	0.07	7.6	4.7	1260
N815974		4.47	19.40	0.21	0.8	0.087	2.90	31.0	46.1	0.27	1260	70.7	0.06	8.4	6.0	1210
N815975		5.53	18.85	0.20	0.8	0.105	2.93	28.1	30.7	0.31	926	88.7	0.07	6.0	4.6	1100
N815976		5.28	18.50	0.21	0.7	0.081	2.72	30.3	28.1	0.30	2160	114.0	0.06	6.9	5.7	1100
N815977		5.95	18.25	0.26	0.8	0.094	3.51	35.2	14.7	0.39	5040	105.5	0.07	6.8	8.9	1110
N815978		4.68	18.90	0.21	0.9	0.065	2.90	29.6	28.3	0.51	700	58.9	0.55	8.0	7.4	1130
N815979		5.00	18.45	0.22	0.8	0.062	2.95	30.7	27.9	0.62	866	52.4	0.44	7.8	8.7	1130
N815980		4.41	18.00	0.21	0.8	0.061	2.84	24.6	26.4	1.37	533	42.4	1.49	7.9	6.9	1100
N815981		4.95	17.65	0.24	0.7	0.081	3.51	25.2	41.6	1.27	721	87.3	0.98	5.7	6.3	1020
N815982		5.80	12.55	0.19	1.6	0.422	1.15	9.4	14.1	1.14	1720	23.2	1.64	3.5	29.6	450
N815983		4.23	17.85	0.20	0.7	0.095	3.50	24.0	30.8	1.41	577	56.3	1.07	6.0	8.6	1130
N815984		4.51	18.40	0.22	0.7	0.108	3.28	26.5	20.3	1.64	338	49.6	1.52	7.0	9.5	1220
N815985		5.65	19.55	0.25	0.8	0.139	3.18	28.7	51.0	0.47	641	85.5	1.14	6.3	5.9	1070
N815986		6.36	19.55	0.23	0.7	0.150	3.31	23.8	20.5	0.77	314	54.9	0.85	6.4	4.1	840
N815987		7.00	19.45	0.22	0.8	0.120	2.37	19.9	20.6	0.66	574	138.0	0.95	6.8	4.7	910



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Project: Klaza TR-12-39 Batch 12

**CERTIFICATE OF ANALYSIS WH12206247**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815952		29.3	119.0	0.002	0.06	8.76	21.9	2	4.0	203	0.50	0.13	7.6	0.452	1.73	2.8
N815953		38.6	151.5	0.002	0.07	9.37	18.3	3	3.4	135.0	0.53	0.12	9.8	0.348	2.02	4.0
N815954		36.9	144.0	0.003	0.04	10.05	22.7	3	3.8	96.8	0.45	0.14	7.6	0.410	2.00	3.5
N815955		58.0	115.0	0.002	0.09	10.10	24.1	3	3.6	178.0	0.47	0.21	7.3	0.460	1.69	2.7
N815956		86.6	130.0	0.003	0.21	28.4	17.3	3	5.5	149.0	0.48	0.14	9.7	0.329	2.35	3.1
N815957		179.5	139.0	0.003	0.17	29.5	17.3	4	6.7	128.5	0.46	0.77	9.7	0.340	2.45	3.5
N815958		139.0	100.5	0.004	0.07	74.4	15.6	4	5.6	71.5	0.52	0.54	9.0	0.385	1.91	3.4
N815959		115.5	68.4	<0.002	0.09	16.25	15.3	2	2.7	205	0.59	0.08	8.2	0.440	1.23	2.1
N815960		283	107.5	0.003	0.20	6.78	15.2	3	5.0	413	0.47	0.14	7.9	0.342	1.76	2.1
N815961		126.0	78.8	0.002	0.08	10.35	14.1	3	3.0	143.5	0.50	0.10	7.8	0.335	1.37	1.9
N815962		34.8	92.3	0.004	0.03	12.40	14.6	2	2.3	76.8	0.52	0.07	9.6	0.377	1.47	2.2
N815963		61.2	110.0	0.003	0.06	5.99	14.8	3	2.8	182.0	0.45	0.09	7.9	0.355	1.52	2.2
N815964		138.0	106.5	0.003	0.06	6.28	15.7	3	3.8	302	0.50	0.13	7.9	0.402	1.83	2.6
N815965		51.7	100.0	0.002	0.05	4.46	14.8	3	2.7	359	0.51	0.10	8.0	0.386	1.62	2.0
N815966		64.9	134.5	0.006	0.12	5.63	16.3	3	2.9	203	0.49	0.09	9.4	0.357	2.33	2.7
N815967		67.3	187.0	0.003	0.61	7.86	17.9	3	4.8	92.0	0.46	0.17	18.7	0.371	3.16	3.0
N815968		75.3	148.5	0.006	0.30	6.53	14.9	2	4.7	214	0.52	0.20	9.2	0.364	2.61	2.6
N815969		108.5	142.5	0.002	0.26	10.50	14.6	3	5.5	118.5	0.46	0.17	8.8	0.335	2.65	2.7
N815970		201	201	0.003	0.34	87.7	13.9	3	10.4	63.3	0.41	0.24	11.8	0.277	3.46	2.7
N815971		1.8	1.7	<0.002	<0.01	0.15	0.2	1	<0.2	46.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
N815972		267	184.5	0.003	0.11	133.5	13.3	3	9.6	40.7	0.32	0.22	10.2	0.240	3.54	4.9
N815973		178.5	189.0	0.005	0.11	95.7	16.7	3	6.7	64.3	0.56	0.16	17.5	0.333	3.46	4.9
N815974		38.2	145.5	0.006	0.05	37.3	17.6	3	3.4	77.6	0.61	0.10	16.2	0.384	2.32	4.5
N815975		53.3	155.5	0.007	0.05	39.6	17.7	4	5.1	52.5	0.48	0.15	17.3	0.314	2.34	4.4
N815976		108.5	139.5	0.008	0.04	58.6	18.6	3	4.9	48.0	0.52	0.17	15.8	0.344	2.29	4.1
N815977		180.5	190.5	0.005	0.09	94.7	18.0	4	4.5	44.2	0.45	0.19	14.2	0.320	3.42	4.0
N815978		29.8	140.5	0.004	0.09	14.35	18.6	3	4.0	215	0.58	0.09	14.3	0.355	1.78	3.2
N815979		33.6	130.0	0.002	0.05	16.95	18.0	3	3.4	168.0	0.56	0.10	14.3	0.355	1.68	3.7
N815980		27.7	119.5	0.002	0.04	3.29	17.3	2	2.7	311	0.53	0.08	13.7	0.368	1.60	2.2
N815981		33.0	140.0	0.004	0.03	3.45	16.7	2	3.8	199.0	0.38	0.11	14.4	0.280	1.88	2.7
N815982		>10000	29.9	0.010	2.23	453	13.0	3	1.8	188.0	0.23	1.01	2.0	0.242	0.49	1.4
N815983		52.7	153.5	0.005	0.05	3.58	17.3	2	4.8	193.0	0.41	0.09	12.3	0.311	1.98	2.3
N815984		33.5	133.0	0.006	0.09	3.12	17.4	3	3.6	311	0.48	0.11	14.0	0.347	1.63	2.6
N815985		33.6	141.0	0.004	0.07	5.38	17.0	3	3.4	225	0.51	0.14	15.1	0.288	1.70	3.9
N815986		88.8	153.0	0.005	0.13	5.59	20.5	4	12.7	172.0	0.44	0.31	13.8	0.303	1.87	2.8
N815987		39.6	109.0	0.006	0.06	7.50	21.3	4	5.5	204	0.48	0.22	11.4	0.345	1.57	3.5



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**CERTIFICATE OF ANALYSIS WH12206247**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
N815952		170	5.3	20.9	188	47.8	1	
N815953		131	5.7	19.9	226	43.3	1	
N815954		161	6.4	23.9	238	39.4	1	
N815955		178	4.4	22.1	240	40.6	1	
N815956		121	7.3	16.3	246	32.1	2	
N815957		117	10.9	13.4	394	26.2	5	
N815958		119	10.2	18.4	336	14.9	3	
N815959		130	3.5	15.5	296	14.9	1	
N815960		112	17.1	18.7	305	13.4	1	
N815961		112	3.8	14.3	253	12.2	1	
N815962		123	3.0	15.3	215	13.5	<1	
N815963		128	2.5	17.4	230	15.7	1	
N815964		130	3.8	17.7	209	15.7	1	
N815965		119	3.5	17.7	167	18.0	1	
N815966		119	4.6	17.9	182	17.7	2	
N815967		143	6.7	13.3	203	20.2	2	
N815968		111	6.3	14.3	226	17.7	2	
N815969		104	4.7	15.8	222	17.9	3	
N815970		101	10.2	16.1	269	16.0	6	
N815971		2	0.4	0.9	14	<0.5	<1	
N815972		93	7.2	16.4	326	16.4	12	
N815973		131	5.5	21.3	293	22.3	5	
N815974		141	4.9	22.5	251	20.1	1	
N815975		116	7.6	26.2	310	19.3	2	
N815976		129	9.8	24.2	320	17.0	2	
N815977		135	8.3	30.0	311	18.4	3	
N815978		136	7.4	22.9	197	21.8	1	
N815979		134	6.0	24.0	353	19.5	1	
N815980		131	3.2	19.4	127	19.1	1	
N815981		116	7.1	20.3	153	16.7	1	
N815982		79	0.6	14.5	5100	54.7	102	1.050
N815983		136	11.7	18.1	162	18.2	1	
N815984		138	3.6	19.2	102	18.7	2	
N815985		110	3.5	23.8	210	22.4	2	
N815986		122	13.3	17.4	154	17.8	3	
N815987		109	7.3	21.8	231	19.0	2	



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**CERTIFICATE OF ANALYSIS WH12206247**

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



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**CERTIFICATE WH12206248**

Project: Klaza TR-12-39

P.O. No.: Batch 13

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206248**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N815988		4.97	0.110	1.84	8.12	49.3	1190	1.58	2.16	0.89	1.18	22.3	8.7	31	10.70	854
N815989		5.34	0.683	10.45	8.64	353	2990	1.65	11.25	0.27	0.84	56.8	1.8	20	27.8	663
N815990		4.02	0.125	0.96	7.81	379	770	1.39	0.56	0.08	0.22	63.2	2.8	19	15.10	228
N815991		7.48	0.470	14.15	7.23	197.0	540	1.14	17.40	0.08	0.26	52.4	1.0	15	18.60	113.0
N815992		6.75	1.380	31.6	9.13	406	740	1.54	29.7	0.10	0.38	84.8	0.7	17	23.9	188.5
N815993		5.91	0.121	1.56	8.77	166.0	1000	2.04	1.77	0.48	1.67	53.4	24.7	18	18.65	1115
N815994		4.69	0.142	1.91	8.84	103.5	1320	1.99	1.36	0.69	1.19	33.7	7.2	15	17.75	825
N815995		4.08	0.126	1.17	8.76	49.2	980	1.62	0.49	0.57	0.68	24.1	5.2	8	12.85	639
N815996		3.98	0.137	1.26	8.06	52.7	1550	1.80	0.51	0.28	1.10	30.7	7.7	8	13.70	825
N815997		3.94	0.201	2.56	8.31	14.5	960	1.67	0.47	0.91	1.00	37.5	13.0	18	13.70	1205
N815998		4.23	0.150	1.60	8.89	47.9	750	1.75	0.67	0.45	1.39	36.5	9.8	13	20.2	1145
N815999		4.51	0.126	1.20	8.98	45.1	620	1.88	0.56	0.33	1.15	38.8	6.1	13	17.00	1055
N816000		6.96	0.111	1.81	8.53	76.1	570	1.02	0.86	0.13	0.45	22.1	0.9	11	18.25	303
M355701		6.48	0.158	1.37	8.15	73.6	810	1.28	0.77	0.13	0.96	38.7	2.1	8	17.95	442
M355702		4.49	0.143	2.09	7.76	118.0	530	1.59	1.47	0.13	1.88	40.2	6.4	8	12.55	578
M355703		5.94	0.123	1.96	8.08	109.5	1150	1.54	1.08	0.15	1.34	41.4	5.0	10	13.70	529
M355704		5.34	0.133	1.93	8.99	110.5	1870	1.71	1.06	0.18	1.76	37.4	11.6	7	12.80	756
M355705		5.41	1.460	5.23	7.67	163.0	2730	1.35	9.79	0.12	3.23	38.8	7.5	10	15.10	566
M355706		7.27	0.392	18.25	7.36	306	3050	1.00	23.8	0.11	0.30	34.5	1.5	9	22.6	178.5
M355707		2.58	<0.005	0.25	0.06	<5	20	0.06	0.05	21.2	0.05	1.08	0.6	<1	0.18	3.0
M355708		3.83	0.388	5.58	7.87	303	940	1.23	6.08	0.12	2.50	48.3	3.4	8	13.05	441
M355709		6.19	0.310	3.57	7.85	270	980	1.41	2.04	0.10	2.59	86.1	6.4	12	18.10	744
M355710		5.30	0.166	1.99	7.92	155.0	900	1.61	1.18	0.17	1.64	59.5	15.2	10	17.70	1170
M355711		3.58	0.133	1.48	8.35	118.5	2000	1.87	0.74	0.41	2.07	46.2	13.9	16	19.90	1370
M355712		2.94	0.263	1.61	8.12	56.8	1350	1.82	0.66	0.89	1.80	38.8	16.4	23	15.30	1500
M355713		4.85	0.159	1.27	8.45	34.5	1610	1.65	0.51	0.34	1.98	44.1	16.5	16	13.25	1335
M355714		4.47	0.224	1.55	8.44	55.1	1290	1.74	1.24	1.04	3.03	50.2	19.5	22	22.8	1490
M355715		4.68	0.584	3.17	7.97	33.6	1920	1.40	3.19	0.60	0.88	39.5	9.2	19	11.55	1210
M355716		2.92	0.297	1.61	7.68	30.0	1290	1.45	0.68	1.85	1.25	41.3	16.2	20	8.73	1085
M355717		3.71	0.235	1.91	7.97	25.6	1040	1.61	0.83	0.89	1.97	49.2	14.5	21	24.0	1340
M355718		4.41	0.077	0.86	7.57	32.9	1110	1.66	0.67	1.16	2.15	35.3	14.5	20	27.4	1075
M355719		5.14	0.139	1.40	8.12	46.3	1590	1.75	1.20	0.66	2.37	47.7	16.7	22	24.5	1300
M355720		0.26	1.335	34.2	7.62	509	1240	1.78	1.12	0.30	31.3	75.6	5.9	18	3.38	128.0
M355721		4.08	0.109	1.86	8.11	30.5	1460	1.53	1.42	1.57	1.72	41.4	14.5	20	14.10	845
M355722		4.31	0.134	1.66	8.00	32.6	1900	1.54	1.71	0.72	3.01	60.7	28.1	21	21.1	1325
M355723		4.73	0.092	1.34	7.80	25.2	1710	1.72	2.06	1.46	2.91	54.7	21.0	20	12.90	1300





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Account: ROCKHA

Project: Klaza TR-12-39

**CERTIFICATE OF ANALYSIS WH12206248**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N815988		4.12	20.0	0.13	0.6	0.138	2.28	11.3	22.6	0.84	362	53.1	1.79	4.9	3.2	330
N815989		5.51	21.6	0.17	1.5	0.900	3.33	31.6	15.3	0.47	186	84.3	0.43	5.9	2.2	1080
N815990		3.90	19.80	0.17	2.6	0.092	3.69	36.3	13.3	0.38	151	4.82	0.05	9.8	3.4	990
N815991		4.96	21.8	0.19	1.3	0.457	3.48	30.4	9.2	0.37	58	63.7	0.06	6.0	1.3	350
N815992		5.59	26.9	0.21	0.6	0.681	4.50	43.8	17.4	0.49	75	354	0.10	4.9	1.0	660
N815993		4.36	22.7	0.14	0.6	0.286	1.49	21.1	37.0	0.26	1000	52.4	0.39	7.1	4.3	1080
N815994		2.78	21.8	0.14	0.5	0.161	2.48	13.6	25.9	0.30	602	45.3	1.26	4.5	3.0	530
N815995		2.10	17.50	0.14	0.4	0.092	2.30	11.8	19.4	0.29	188	31.1	2.47	2.8	2.5	340
N815996		2.57	16.40	0.15	0.6	0.125	2.43	16.3	39.4	0.27	247	34.1	1.89	3.4	2.9	350
N815997		5.43	20.4	0.15	0.8	0.187	1.97	15.8	41.5	1.58	303	41.1	1.27	5.4	5.0	990
N815998		4.24	19.95	0.15	0.7	0.209	2.56	16.5	30.6	0.47	274	49.8	1.00	5.2	3.5	710
N815999		4.05	18.40	0.13	0.5	0.483	2.34	20.4	28.8	0.44	130	67.6	0.81	5.2	4.5	740
N816000		2.40	15.85	0.13	0.6	0.195	3.67	12.5	15.9	0.35	62	43.4	0.06	3.0	1.8	210
M355701		2.69	18.15	0.15	0.5	0.194	3.16	22.5	19.4	0.32	133	34.8	0.23	3.2	2.0	320
M355702		3.57	17.35	0.13	1.0	0.362	2.79	23.6	19.4	0.29	259	34.1	0.60	4.2	3.4	410
M355703		3.17	18.00	0.17	1.3	0.193	3.03	22.6	22.9	0.31	168	28.7	0.17	5.4	3.6	540
M355704		3.24	18.75	0.15	0.6	0.148	2.81	19.4	19.7	0.31	685	36.8	1.34	3.4	3.5	350
M355705		3.71	17.50	0.15	0.6	0.293	2.97	21.9	17.2	0.31	1470	66.2	0.74	3.5	4.6	330
M355706		3.39	20.1	0.16	0.6	0.605	2.95	19.2	22.9	0.29	88	57.5	0.06	4.3	2.0	220
M355707		0.46	0.24	0.12	<0.1	0.010	0.03	0.5	1.2	13.20	206	0.18	<0.01	0.2	1.9	170
M355708		3.66	18.80	0.17	0.5	0.367	3.85	29.4	11.4	0.38	310	39.6	0.07	2.1	2.2	240
M355709		3.98	19.15	0.21	0.5	0.224	3.57	56.9	15.7	0.31	428	52.8	0.06	3.2	3.1	290
M355710		3.56	15.90	0.19	0.7	0.141	3.37	29.5	13.6	0.29	815	41.1	0.09	4.8	3.8	610
M355711		4.00	19.25	0.18	0.7	0.095	3.01	20.6	23.9	0.34	748	41.9	0.52	5.3	5.0	620
M355712		5.51	20.7	0.19	0.6	0.104	2.90	18.4	24.3	0.66	759	48.9	1.23	5.4	6.4	700
M355713		5.13	19.10	0.18	0.8	0.098	3.22	21.9	46.7	0.80	722	34.6	0.57	6.1	5.6	820
M355714		6.14	20.9	0.19	1.1	0.105	2.70	23.3	38.1	0.93	868	38.5	0.84	5.8	6.8	1040
M355715		6.98	21.1	0.19	0.9	0.222	4.29	19.1	29.3	1.23	339	80.4	0.87	3.5	4.5	920
M355716		5.82	19.40	0.17	1.0	0.103	2.12	17.8	20.3	1.67	771	43.6	1.42	6.4	6.2	950
M355717		5.27	20.1	0.19	1.1	0.142	2.81	25.1	20.8	0.81	547	39.5	1.30	6.0	5.7	910
M355718		5.33	20.4	0.16	1.1	0.074	2.60	17.0	21.0	0.87	581	80.7	1.22	6.9	5.6	900
M355719		5.34	19.40	0.16	1.2	0.086	3.05	22.5	31.6	0.68	774	76.1	0.91	5.7	5.8	920
M355720		5.48	22.9	0.20	2.3	0.246	3.60	38.4	23.7	0.29	1010	5.50	0.07	12.5	7.1	1730
M355721		5.53	21.3	0.18	1.1	0.137	2.41	20.4	27.8	1.39	454	39.2	1.40	6.4	6.6	950
M355722		5.55	18.70	0.19	1.2	0.128	2.82	26.5	26.3	0.68	1680	69.1	0.85	5.9	6.5	940
M355723		6.21	19.35	0.18	1.1	0.141	2.14	26.7	28.0	1.35	1580	56.2	1.29	6.3	6.8	860



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**CERTIFICATE OF ANALYSIS WH12206248**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815988		51.4	121.5	0.006	0.07	3.63	15.8	1	5.0	291	0.33	0.14	5.9	0.283	1.82	1.7
N815989		323	191.0	0.007	0.54	16.35	15.5	2	8.2	380	0.44	0.54	14.2	0.277	3.43	4.8
N815990		29.3	222	0.003	0.53	9.54	7.4	3	1.8	142.5	0.74	0.16	13.5	0.251	4.28	5.0
N815991		284	211	0.008	1.35	21.9	9.4	4	16.0	130.0	0.46	3.96	8.2	0.240	3.50	2.4
N815992		1255	300	0.010	1.35	85.8	14.5	7	22.1	213	0.34	1.01	11.8	0.285	4.12	1.2
N815993		70.8	83.2	0.005	0.29	23.9	16.4	2	5.9	161.0	0.47	0.20	10.9	0.400	1.31	4.2
N815994		79.9	134.5	0.009	0.12	11.35	10.7	2	6.3	231	0.34	0.16	5.7	0.272	1.97	2.0
N815995		44.0	101.0	0.011	0.07	6.01	6.5	1	2.8	295	0.23	0.09	4.3	0.159	1.61	1.2
N815996		60.3	114.5	0.008	0.10	3.65	7.8	1	2.7	240	0.29	0.06	9.6	0.143	1.60	1.9
N815997		42.8	94.0	0.008	0.04	2.00	17.8	2	2.9	220	0.38	0.05	6.8	0.422	1.46	2.9
N815998		59.2	127.0	0.006	0.04	3.45	15.7	2	3.9	153.0	0.39	0.09	7.2	0.319	1.94	3.5
N815999		62.4	115.5	0.010	0.03	4.97	15.1	2	2.6	122.0	0.38	0.09	8.5	0.280	1.62	4.8
N816000		90.0	177.5	0.007	0.21	9.81	6.6	1	3.6	50.1	0.26	0.07	5.6	0.185	2.83	1.1
M355701		58.7	145.5	0.004	0.17	6.82	9.6	2	4.7	74.9	0.27	0.13	10.2	0.140	2.00	1.6
M355702		82.1	141.0	0.003	0.07	10.20	8.5	1	5.1	99.0	0.34	0.15	11.1	0.157	1.99	3.3
M355703		78.8	159.5	0.003	0.07	12.70	8.0	1	3.3	113.5	0.46	0.12	11.3	0.189	2.35	3.2
M355704		80.0	145.5	0.006	0.07	9.92	7.7	1	3.0	179.5	0.28	0.08	10.1	0.153	2.06	2.9
M355705		114.0	154.5	0.012	0.20	8.44	8.3	2	7.2	177.0	0.30	0.18	9.1	0.145	2.23	2.7
M355706		232	156.0	0.003	0.41	83.4	8.1	3	16.9	152.0	0.33	0.32	7.0	0.205	2.63	1.5
M355707		1.7	1.4	<0.002	<0.01	0.20	0.3	<1	0.2	43.5	<0.05	<0.05	<0.2	<0.005	0.05	0.5
M355708		133.0	208	0.006	0.18	61.8	6.2	2	13.7	58.8	0.20	0.22	6.6	0.118	3.06	2.2
M355709		51.1	177.5	0.005	0.10	37.4	10.7	2	10.7	46.6	0.28	0.17	9.2	0.181	2.42	3.7
M355710		43.3	152.5	0.009	0.06	27.1	10.4	2	3.1	47.1	0.44	0.12	19.2	0.192	2.32	4.8
M355711		39.8	144.0	0.007	0.09	18.10	13.2	2	4.1	158.0	0.46	0.11	16.2	0.230	2.01	4.7
M355712		41.0	140.5	0.017	0.14	5.97	14.2	2	4.3	236	0.41	0.10	11.4	0.302	1.79	3.6
M355713		28.1	135.5	0.003	0.04	3.48	17.2	2	3.5	124.5	0.45	0.06	12.1	0.330	1.79	3.8
M355714		28.9	138.0	0.008	0.16	9.16	19.0	2	3.4	218	0.38	0.14	8.8	0.395	1.87	4.0
M355715		36.6	177.0	0.019	0.35	2.95	17.8	3	8.4	178.5	0.24	0.28	7.1	0.299	2.10	2.7
M355716		26.3	85.3	0.004	0.17	3.39	17.7	2	3.2	382	0.41	0.17	7.3	0.406	1.47	2.9
M355717		19.5	137.5	0.007	0.16	3.10	17.9	2	4.8	244	0.38	0.18	8.0	0.398	1.60	3.2
M355718		24.1	100.5	0.009	0.11	2.72	17.4	2	3.8	265	0.41	0.17	6.4	0.411	1.56	3.0
M355719		27.6	144.5	0.013	0.11	3.85	17.5	2	3.7	193.5	0.36	0.19	7.6	0.385	2.07	4.1
M355720		3910	176.5	0.004	0.62	64.6	15.3	4	20.0	379	0.74	0.29	7.3	0.449	2.01	3.5
M355721		29.5	122.5	0.006	0.17	2.27	19.2	1	3.7	346	0.37	0.20	7.3	0.407	1.74	2.6
M355722		43.5	134.0	0.009	0.13	4.20	17.3	2	4.6	213	0.39	0.24	9.1	0.387	1.82	4.3
M355723		35.6	97.1	0.003	0.14	2.55	17.8	2	4.0	326	0.40	0.36	8.7	0.393	1.43	5.2



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**CERTIFICATE OF ANALYSIS WH12206248**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N815988		61	5.4	11.7	151	13.8	2
N815989		85	6.7	8.8	301	47.7	10
N815990		53	3.1	8.6	243	93.2	1
N815991		66	9.2	5.6	75	41.3	14
N815992		102	18.5	5.8	95	12.7	30
N815993		113	8.9	16.2	252	13.3	2
N815994		68	7.7	9.8	130	10.2	2
N815995		40	4.3	7.0	98	9.3	<1
N815996		43	4.8	9.9	120	15.0	1
N815997		148	2.3	16.2	239	20.1	1
N815998		103	4.3	14.8	305	14.3	<1
N815999		89	3.8	14.2	358	12.2	<1
N816000		37	7.1	4.9	108	14.1	1
M355701		50	6.8	8.1	131	13.3	1
M355702		43	4.3	10.6	277	31.5	1
M355703		45	3.6	9.8	184	47.2	1
M355704		40	3.4	10.1	208	15.1	1
M355705		43	5.7	7.2	155	14.3	4
M355706		66	8.6	4.6	90	15.6	11
M355707		2	0.1	0.8	12	<0.5	<1
M355708		41	7.8	6.8	131	13.0	5
M355709		57	8.0	10.8	127	15.5	2
M355710		59	4.5	14.7	134	18.5	1
M355711		72	4.7	19.8	162	19.2	<1
M355712		99	3.5	18.3	200	14.6	1
M355713		104	4.7	20.8	227	21.5	<1
M355714		147	4.6	26.7	274	38.7	<1
M355715		158	5.7	16.4	186	31.0	2
M355716		144	3.1	19.8	160	35.9	1
M355717		146	3.9	21.5	222	38.8	1
M355718		145	8.3	18.7	207	42.2	<1
M355719		139	7.4	22.9	225	44.5	1
M355720		138	3.6	19.8	2380	71.6	31
M355721		147	3.8	17.9	167	45.3	<1
M355722		134	6.8	24.4	230	74.3	1
M355723		132	4.7	22.7	224	40.9	<1



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**CERTIFICATE OF ANALYSIS WH12206248**

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



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**CERTIFICATE WH12206249**

Project: Klaza TR-12-39

P.O. No.: Batch 14

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206249**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355724		3.95	0.102	1.16	8.44	22.4	1560	1.68	1.53	1.30	2.02	50.2	18.8	21	10.95	1030
M355725		5.60	0.133	1.26	8.17	17.3	1280	1.49	0.85	0.81	1.70	52.7	7.6	20	17.45	1015
M355726		4.93	0.080	0.91	8.64	33.5	1320	1.96	0.72	0.68	2.01	48.5	17.5	20	27.5	1120
M355727		3.69	0.117	1.65	8.50	46.3	1350	1.86	1.23	0.43	1.29	44.4	10.2	21	25.0	977
M355728		3.93	0.092	1.51	8.84	20.9	1710	1.60	1.02	0.52	1.22	33.8	4.8	21	17.90	649
M355729		5.45	0.201	2.64	8.91	69.1	2300	1.38	4.99	0.44	1.47	35.2	5.8	20	20.8	596
M355730		4.66	0.099	1.40	8.95	43.7	2210	1.54	1.19	0.66	1.24	29.1	5.3	22	17.15	615
M355731		5.06	0.075	1.01	9.06	17.5	1340	1.54	0.82	0.39	1.65	33.2	6.6	21	20.2	606
M355732		4.80	0.208	2.47	8.29	112.0	1350	1.54	1.80	0.12	2.02	19.70	4.3	26	27.0	832
M355733		5.22	0.093	1.38	9.43	34.8	1440	2.02	1.14	0.42	3.70	37.2	26.9	22	21.3	984
M355734		5.04	0.074	1.14	8.65	17.2	3110	1.70	0.50	1.42	1.87	34.2	21.1	21	13.50	581
M355735		4.12	0.087	1.02	8.70	23.0	3090	1.76	0.79	1.03	2.75	40.2	27.6	20	16.25	735
M355736		5.35	0.080	2.58	8.40	49.4	990	1.65	2.89	0.38	4.36	46.3	25.8	20	41.9	865
M355737		5.97	0.143	2.70	7.99	140.0	790	1.55	1.42	0.23	11.35	53.2	12.8	17	44.9	555
M355738		5.33	0.067	2.10	8.28	167.0	690	1.85	1.08	0.15	9.09	49.9	8.2	12	30.8	807
M355739		5.15	0.339	5.87	7.84	265	850	1.84	7.11	0.11	12.45	53.6	6.7	16	25.2	914
M355740		5.13	0.064	0.84	8.18	73.1	1420	1.65	0.62	0.20	3.07	55.3	10.8	17	15.60	596
M355741		6.32	0.065	1.40	8.60	47.4	4280	1.85	1.44	0.48	4.06	51.8	18.3	19	31.5	1020
M355742		4.54	0.053	0.93	8.73	22.2	3190	1.69	0.54	1.04	4.34	59.0	34.3	19	21.0	828
M355743		4.87	0.040	0.60	9.00	15.6	2290	1.55	0.32	0.99	2.31	36.6	15.7	21	17.10	627
M355744		6.95	0.053	0.61	8.64	15.0	1610	1.38	0.38	1.26	1.98	38.6	21.5	24	15.50	590
M355745		4.99	0.062	0.82	9.20	26.1	990	1.58	0.46	0.27	5.43	46.9	35.4	21	24.6	1030
M355746		4.47	0.057	0.75	9.61	37.0	750	1.60	0.41	0.20	7.21	46.2	31.8	21	22.7	976
M355747		0.27	0.265	98.3	5.53	198.5	600	0.69	4.39	1.38	24.8	19.75	12.8	60	0.97	6080
M355748		5.11	0.103	2.12	8.39	277	810	1.37	0.93	0.15	7.82	53.7	16.7	19	28.7	783
M355749		4.16	0.118	0.87	8.90	25.6	2170	1.65	0.52	1.09	5.49	64.9	42.2	22	18.80	912
M355750		5.51	0.130	1.19	9.22	54.8	890	1.63	0.68	0.52	4.70	60.8	27.3	22	33.4	1130
M355751		4.53	0.190	1.56	8.84	37.6	1520	1.51	0.47	0.61	3.34	55.5	19.6	22	29.8	1010
M355752		4.50	0.102	1.31	9.05	72.9	800	1.54	0.83	0.23	5.79	57.5	23.9	22	28.5	1150
M355753		2.48	<0.005	0.03	0.12	<5	20	0.06	0.20	20.8	0.08	1.35	1.5	<1	0.72	6.8
M355754		4.22	0.082	0.86	8.35	17.3	1570	1.34	0.44	1.60	1.90	48.3	19.5	22	11.20	699
M355755		4.04	0.058	0.88	8.51	23.1	1490	1.48	0.89	1.99	1.62	45.3	16.4	22	10.40	753
M355756		5.37	0.164	1.15	8.16	44.8	1700	1.40	1.21	1.57	1.79	54.3	16.7	21	9.44	836
M355757		5.84	0.058	0.84	8.22	12.3	1290	1.42	0.55	1.66	1.81	55.9	22.9	21	11.10	723
M355758		4.87	0.084	1.17	7.85	11.1	1040	1.41	1.02	1.69	1.33	51.2	14.0	23	11.90	588
M355759		5.61	0.082	1.02	8.73	17.7	1410	1.89	0.85	1.12	3.14	64.4	32.5	22	15.70	997



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**CERTIFICATE OF ANALYSIS WH12206249**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355724		5.01	20.0	0.17	1.2	0.085	2.56	23.3	27.2	1.29	1420	58.9	1.41	6.4	6.7	880
M355725		6.83	21.1	0.21	1.1	0.125	1.95	34.7	31.9	1.41	341	166.0	0.73	5.7	5.6	930
M355726		5.42	21.5	0.19	1.3	0.081	2.24	20.9	26.9	0.72	879	67.6	0.85	7.1	6.1	1000
M355727		5.63	21.8	0.19	1.0	0.156	2.94	22.7	25.1	0.78	582	127.5	0.51	6.5	4.5	970
M355728		5.91	21.9	0.17	0.8	0.182	2.49	21.2	36.2	1.57	457	78.5	0.28	5.8	3.3	990
M355729		5.79	23.7	0.19	0.9	0.218	3.23	23.2	30.4	1.46	449	43.6	0.33	6.2	3.3	740
M355730		5.58	23.3	0.18	1.0	0.126	2.98	16.3	27.3	1.34	247	59.6	0.85	6.7	3.6	1020
M355731		5.23	22.5	0.17	1.0	0.107	2.28	19.8	43.5	1.30	235	53.4	0.07	7.9	4.1	840
M355732		5.47	22.3	0.17	0.9	0.180	3.73	9.1	8.2	0.43	276	47.4	0.06	6.0	2.7	940
M355733		4.68	24.1	0.15	1.1	0.191	2.65	20.1	32.3	0.97	1640	43.6	0.14	7.8	4.5	890
M355734		4.45	22.4	0.16	1.0	0.079	2.00	19.6	28.1	1.60	719	27.2	1.48	7.9	5.3	1040
M355735		4.65	22.2	0.17	0.9	0.098	2.23	24.9	30.8	1.47	981	36.0	1.25	7.6	5.0	980
M355736		5.53	22.4	0.19	1.1	0.185	2.70	27.6	20.8	0.65	766	54.0	0.33	5.8	4.5	810
M355737		5.02	21.0	0.17	1.2	0.237	3.08	32.2	16.5	0.41	1490	43.3	0.11	6.0	7.1	790
M355738		5.34	19.80	0.18	0.9	0.166	3.24	28.7	13.2	0.35	881	50.1	0.06	6.3	5.5	820
M355739		5.28	20.5	0.18	0.8	0.333	3.28	28.5	10.4	0.38	2350	79.2	0.07	5.5	7.5	630
M355740		3.18	18.05	0.15	0.7	0.077	2.55	31.3	19.9	0.27	421	24.8	0.73	7.1	3.7	600
M355741		5.58	22.3	0.17	1.3	0.120	2.83	29.4	18.2	0.59	997	44.6	0.56	7.0	4.9	890
M355742		4.35	22.9	0.14	1.4	0.078	2.27	17.4	18.5	0.90	1800	25.2	1.24	7.9	8.9	1000
M355743		4.72	22.9	0.14	1.6	0.070	2.07	17.7	22.7	1.02	540	28.6	0.97	8.4	5.4	940
M355744		4.91	22.3	0.14	1.4	0.053	2.13	16.5	23.7	1.46	684	28.8	1.39	7.2	5.2	970
M355745		5.13	23.0	0.15	1.3	0.057	2.42	16.6	24.5	0.55	1470	48.5	0.36	6.7	6.2	970
M355746		5.20	23.8	0.15	1.4	0.050	2.20	18.8	30.9	0.29	1560	52.0	0.06	7.1	7.0	1040
M355747		5.60	13.25	0.13	1.6	0.439	1.10	9.1	13.2	1.09	1700	25.3	1.59	3.4	29.1	450
M355748		4.46	20.3	0.15	1.3	0.068	3.19	26.7	12.1	0.28	1450	60.6	0.11	5.9	6.1	780
M355749		5.30	22.2	0.15	1.3	0.056	1.78	24.5	36.1	1.43	2380	39.2	1.39	6.4	7.8	1180
M355750		5.42	22.9	0.17	1.1	0.066	2.87	27.2	20.0	0.57	1040	29.2	0.48	6.2	5.8	1100
M355751		4.78	19.50	0.15	1.1	0.062	2.34	25.2	25.0	0.71	829	37.6	1.01	6.4	5.1	1120
M355752		5.06	20.9	0.15	1.1	0.045	2.99	28.4	17.4	0.38	1440	49.8	0.17	5.6	6.6	980
M355753		0.49	0.44	<0.05	<0.1	<0.005	0.06	0.6	2.3	12.50	224	0.32	0.01	0.3	2.3	180
M355754		4.63	20.6	0.12	1.1	0.050	2.33	22.7	21.8	1.66	973	43.8	1.42	5.8	4.9	970
M355755		5.27	22.8	0.15	1.2	0.076	1.90	22.8	19.1	1.87	836	28.5	1.72	6.3	5.0	1090
M355756		5.77	21.2	0.16	1.0	0.082	2.27	27.2	18.9	1.73	945	43.2	1.48	5.9	4.6	1020
M355757		4.78	21.9	0.13	1.1	0.074	1.91	28.5	20.8	1.90	1120	37.8	1.47	5.6	5.2	980
M355758		4.93	20.5	0.21	1.1	0.090	1.89	25.2	17.6	1.85	582	34.4	1.45	5.5	4.0	940
M355759		5.62	21.7	0.14	1.4	0.191	2.38	29.2	23.4	1.70	1980	48.0	1.18	6.3	6.1	960



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**CERTIFICATE OF ANALYSIS WH12206249**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355724		21.1	115.0	0.007	0.11	2.13	17.7	2	4.2	322	0.44	0.31	9.0	0.396	1.49	3.6
M355725		22.0	98.4	0.002	0.21	2.20	19.8	3	3.0	235	0.37	0.17	8.2	0.389	1.34	3.8
M355726		19.3	111.0	0.005	0.08	2.78	19.2	3	3.0	208	0.46	0.16	8.3	0.440	1.64	4.6
M355727		53.0	153.0	0.020	0.11	6.92	18.6	3	6.4	138.0	0.42	0.22	8.8	0.409	2.27	4.5
M355728		35.3	107.5	0.003	0.13	6.14	20.1	3	5.0	131.0	0.39	0.14	7.8	0.417	1.89	3.3
M355729		55.6	143.5	0.002	0.41	6.70	20.8	3	10.0	189.0	0.39	0.28	6.8	0.422	2.15	3.1
M355730		39.7	139.0	0.011	0.20	5.03	19.5	3	6.9	223	0.43	0.18	7.3	0.441	2.14	3.0
M355731		24.3	93.0	0.005	0.12	6.29	20.5	3	5.2	105.0	0.48	0.12	7.2	0.480	1.58	3.8
M355732		40.5	191.0	0.003	0.14	18.60	17.4	3	8.4	49.9	0.38	0.39	5.9	0.399	3.34	3.3
M355733		44.4	123.5	0.002	0.09	13.00	21.1	3	8.2	119.5	0.50	0.33	7.9	0.490	2.01	4.7
M355734		21.6	85.8	0.003	0.13	5.37	19.8	2	3.7	388	0.49	0.07	7.3	0.477	1.30	3.2
M355735		27.9	104.5	0.004	0.13	4.63	20.3	3	5.1	336	0.46	0.10	7.2	0.460	1.50	4.7
M355736		126.5	139.0	0.003	0.62	7.23	19.7	3	5.9	157.0	0.38	0.22	7.3	0.409	2.02	5.3
M355737		186.5	175.0	0.002	0.63	13.10	15.6	2	5.8	128.5	0.40	0.15	8.2	0.330	2.67	5.3
M355738		188.5	173.5	0.002	0.35	15.90	14.4	2	5.0	67.2	0.46	0.17	13.4	0.288	2.85	5.2
M355739		715	194.0	0.006	0.22	32.0	15.2	3	10.2	76.6	0.37	0.31	8.6	0.287	3.08	5.4
M355740		22.4	132.5	0.002	0.06	17.10	12.3	2	3.5	125.5	0.60	0.12	16.6	0.218	1.78	2.9
M355741		51.4	134.0	0.002	0.56	5.60	19.5	2	6.3	271	0.45	0.22	8.3	0.421	2.00	4.6
M355742		24.2	99.6	<0.002	0.09	3.74	20.5	2	2.8	336	0.51	0.09	7.3	0.467	1.43	2.7
M355743		16.7	93.0	0.002	0.09	4.06	20.6	2	2.4	294	0.53	0.05	7.6	0.504	1.24	2.9
M355744		24.0	97.9	0.002	0.07	2.93	20.0	2	2.5	346	0.47	0.07	7.0	0.456	1.34	2.4
M355745		21.3	129.5	0.002	0.03	8.34	21.2	2	2.7	89.6	0.45	0.08	7.5	0.462	2.00	3.8
M355746		23.9	119.0	0.002	0.04	10.25	22.9	2	2.6	56.4	0.48	0.08	7.9	0.479	2.14	4.1
M355747		>10000	31.0	0.011	2.23	438	12.5	3	2.0	190.5	0.22	1.11	2.0	0.238	0.49	1.3
M355748		56.5	172.5	0.002	0.24	50.1	18.5	2	3.8	65.3	0.40	0.31	6.9	0.409	4.01	2.8
M355749		17.3	95.0	0.003	0.12	4.42	21.4	2	2.9	327	0.42	0.13	6.6	0.449	1.64	3.0
M355750		14.3	157.0	0.002	0.05	5.75	21.4	3	3.4	126.5	0.41	0.20	6.9	0.459	2.70	3.0
M355751		13.7	131.5	0.002	0.05	5.72	19.8	2	2.7	212	0.42	0.09	6.8	0.446	2.09	2.7
M355752		19.9	169.5	0.003	0.02	7.81	20.3	2	2.5	62.5	0.38	0.10	6.7	0.441	2.80	3.4
M355753		1.8	4.4	<0.002	<0.01	<0.05	0.6	1	<0.2	45.5	<0.05	<0.05	<0.2	0.006	0.03	0.7
M355754		14.8	99.3	0.005	0.20	2.97	19.8	2	2.9	373	0.39	0.07	6.1	0.436	1.44	2.8
M355755		22.3	74.3	0.002	0.29	3.85	19.7	3	4.8	437	0.42	0.12	6.0	0.449	1.26	3.2
M355756		32.2	95.3	0.004	0.25	3.79	19.3	3	5.0	365	0.40	0.17	6.2	0.420	1.35	3.8
M355757		14.8	80.7	0.002	0.23	1.43	19.7	2	4.4	361	0.38	0.07	6.1	0.427	1.24	3.7
M355758		22.7	82.6	0.005	0.32	1.53	19.5	3	4.9	376	0.34	0.35	7.1	0.409	1.41	4.4
M355759		36.9	112.0	0.002	0.14	2.87	19.7	3	5.5	253	0.41	0.15	6.8	0.446	1.70	6.3





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**CERTIFICATE OF ANALYSIS WH12206249**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M355724		138	5.7	19.3	163	44.9	1	
M355725		146	3.3	15.7	196	44.1	1	
M355726		149	3.8	21.5	233	46.6	1	
M355727		152	8.2	19.6	253	37.0	1	
M355728		158	7.9	17.5	202	30.7	2	
M355729		158	13.0	16.3	233	36.3	3	
M355730		164	8.4	15.5	187	38.9	2	
M355731		172	9.2	18.6	192	37.9	1	
M355732		155	10.1	10.9	169	37.8	3	
M355733		167	8.1	21.0	209	43.5	1	
M355734		169	4.0	21.6	162	38.1	1	
M355735		162	5.6	24.4	195	37.6	1	
M355736		155	15.8	18.6	333	43.1	3	
M355737		117	10.0	17.7	440	46.2	3	
M355738		124	8.6	21.1	516	29.3	2	
M355739		147	13.2	18.9	534	29.8	6	
M355740		70	7.4	18.9	165	19.6	1	
M355741		158	15.9	23.1	266	50.0	2	
M355742		161	3.4	21.6	227	49.3	1	
M355743		167	2.8	19.0	232	55.0	1	
M355744		165	3.1	18.6	177	49.3	1	
M355745		165	4.7	22.5	371	47.5	2	
M355746		170	9.6	23.0	449	56.3	1	
M355747		78	0.6	14.6	4890	58.0	97	0.990
M355748		150	13.3	20.9	243	50.7	3	
M355749		167	5.5	26.1	228	47.5	1	
M355750		171	7.5	22.6	236	39.9	1	
M355751		162	9.5	23.4	199	38.4	2	
M355752		161	8.0	24.8	310	42.3	1	
M355753		4	0.1	0.9	16	0.6	<1	
M355754		158	3.7	22.0	139	42.2	1	
M355755		166	7.5	23.4	129	43.9	1	
M355756		158	6.1	22.9	141	38.9	1	
M355757		161	4.2	23.1	128	40.4	1	
M355758		161	4.8	19.3	119	40.9	1	
M355759		160	6.7	21.3	253	51.8	1	



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Project: Klaza TR-12-39

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**CERTIFICATE OF ANALYSIS WH12206249**

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



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**CERTIFICATE WH12206260**

Project: Klaza TR-12-39 Batch 15

P.O. No.: Batch 15

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 18-SEP-2012  
Account: ROCKHA

Project: Klaza TR-12-39 Batch 15

**CERTIFICATE OF ANALYSIS WH12206260**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M355760		5.72	0.094	0.77	8.09	22.9	1650	1.77	0.82	0.92	1.92	48.1	20.2	24	14.25	749
M355761		3.68	0.055	0.69	7.18	38.6	1860	1.66	0.67	0.26	2.23	67.5	18.4	10	11.75	547
M355762		3.75	0.062	1.09	6.93	89.6	1600	1.51	5.12	0.08	1.29	45.1	5.8	12	16.75	451
M355763		4.05	0.060	0.96	7.15	57.4	1870	1.67	1.83	0.34	1.47	50.1	8.0	11	12.80	449
M355764		4.53	0.076	0.70	7.31	51.1	1730	1.62	0.86	0.24	1.59	61.2	10.5	11	11.20	550
M355765		2.05	0.132	1.25	7.49	62.9	2360	1.49	0.88	0.16	1.48	68.7	9.0	12	15.60	588
M355766		3.42	0.114	0.97	7.58	52.6	1300	1.56	0.85	0.16	1.89	63.0	10.3	12	18.50	766
M355767		3.37	0.159	1.09	7.45	29.6	2240	1.63	1.21	0.33	1.20	63.8	14.8	14	8.02	500
M355768		6.84	0.116	0.81	7.18	36.3	1500	1.84	0.95	0.63	1.31	54.8	18.8	13	7.61	522
M355769		5.62	0.168	0.84	7.27	30.6	1580	1.75	0.90	0.73	0.91	51.8	18.9	14	6.64	424
M355770		5.70	0.134	0.93	7.50	43.2	1560	1.60	1.07	0.69	1.21	50.2	16.6	16	8.12	359
M355771		5.24	0.093	0.79	7.43	36.6	1670	1.58	1.04	0.69	1.14	48.8	29.0	26	8.44	434
M355772		4.42	0.060	0.60	7.49	28.6	1680	1.70	0.86	0.82	0.89	50.7	21.6	18	7.41	407
M355773		6.31	0.083	0.71	7.55	28.6	1650	1.57	1.03	0.99	1.11	54.4	21.6	23	8.06	388
M355774		7.04	0.071	0.62	7.38	24.7	1610	1.40	1.07	1.05	0.68	50.1	15.3	20	6.66	315
M355775		6.82	0.070	0.62	7.29	21.0	1380	1.42	0.80	0.75	0.67	41.5	16.0	22	8.86	418
M355776		6.46	0.067	0.39	7.87	12.8	1760	1.59	0.50	0.37	0.80	39.1	19.1	12	7.16	536
M355777		5.01	0.094	0.59	7.62	18.4	2270	1.65	0.56	0.59	0.86	35.3	16.5	13	6.60	548
M355778		4.88	0.197	0.99	7.93	40.9	1520	1.33	0.53	0.15	1.00	53.0	8.0	13	13.45	461
M355779		4.41	0.167	1.15	8.07	107.0	810	2.14	0.63	0.17	2.23	44.8	18.0	26	24.0	1125
M355780		6.88	0.132	1.47	8.09	100.0	1280	1.75	1.41	0.66	1.75	48.3	14.5	152	25.0	645
M355781		3.11	0.399	1.27	7.30	48.0	1510	1.60	1.96	0.46	1.55	45.6	7.0	132	18.15	757
M355782		4.43	0.071	0.81	7.36	28.4	1590	1.66	1.05	0.42	1.38	44.9	7.5	66	12.25	540
M355783		7.32	0.071	1.02	7.35	69.1	1180	1.70	1.57	0.13	1.22	55.4	6.7	62	29.8	543
M355784		9.21	0.088	1.39	8.00	94.4	940	1.68	1.79	0.13	1.49	53.6	18.2	74	30.3	579
M355785		0.26	1.400	31.2	7.40	495	1210	1.86	1.25	0.29	30.3	72.1	5.6	17	3.22	128.5
M355786		7.25	0.231	2.67	7.59	326	770	1.23	2.92	0.21	1.65	56.4	8.1	17	32.4	453
M355787		5.35	0.211	1.54	7.79	203	1400	1.38	1.66	0.24	1.18	61.2	6.2	16	35.6	376
M355788		5.46	0.067	1.04	7.77	43.4	2290	1.53	1.23	1.15	1.42	40.5	19.0	19	15.30	442
M355789		6.37	0.081	1.35	7.94	82.0	1900	1.53	0.99	0.65	1.91	48.2	22.0	27	23.5	595
M355790		5.34	0.082	2.11	6.94	134.5	760	1.35	1.36	0.23	1.42	44.4	8.6	24	32.6	512
M355791		6.30	0.092	1.29	7.09	89.0	2020	1.37	1.41	0.72	1.65	41.3	16.9	20	13.65	523
M355792		4.98	0.229	3.58	7.29	262	1000	1.25	4.58	0.19	1.08	56.4	5.6	18	10.50	238
M355793		7.55	8.41	26.1	9.10	528	770	1.35	53.4	0.11	0.21	35.8	0.6	23	32.1	67.9
M355794		3.13	0.026	0.36	0.10	<5	90	0.05	0.28	20.5	0.07	1.50	0.6	<1	0.27	5.5
M355795		4.46	0.730	7.08	7.87	428	780	1.36	14.20	0.17	0.92	70.8	1.2	19	23.4	221



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Account: ROCKHA

Project: Klaza TR-12-39 Batch 15

**CERTIFICATE OF ANALYSIS WH12206260**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355760		5.32	19.75	0.14	1.2	0.061	2.52	22.4	23.5	1.35	791	33.3	1.47	6.1	6.1	960
M355761		2.63	16.10	0.15	1.1	0.052	3.39	34.0	11.1	0.17	908	23.0	1.58	5.6	4.7	490
M355762		3.68	17.25	0.15	0.9	0.122	3.77	25.6	13.0	0.29	187	24.4	0.43	4.4	2.8	470
M355763		3.51	17.50	0.18	0.9	0.141	3.66	27.9	10.3	0.29	326	33.2	1.09	5.0	4.0	550
M355764		3.48	16.65	0.14	1.0	0.087	3.42	31.7	14.5	0.27	534	32.4	0.96	5.2	4.3	520
M355765		3.62	16.50	0.18	1.0	0.104	3.77	38.2	11.6	0.26	284	26.4	0.67	4.6	3.9	560
M355766		4.48	16.00	0.16	1.0	0.072	3.45	33.3	10.7	0.25	300	36.8	0.47	4.9	4.9	560
M355767		3.64	17.55	0.15	1.0	0.077	3.94	31.7	12.9	0.32	547	49.9	1.24	4.7	4.4	650
M355768		4.47	17.35	0.15	1.0	0.190	2.93	28.5	20.6	0.65	688	41.5	1.41	5.4	5.3	630
M355769		4.06	16.80	0.15	0.9	0.127	2.85	25.0	15.6	0.69	674	45.9	1.64	5.1	5.6	660
M355770		3.50	17.60	0.14	1.0	0.111	2.85	24.6	14.0	0.56	697	30.2	1.63	5.4	5.9	650
M355771		3.87	15.95	0.14	1.1	0.096	2.82	23.6	13.6	0.67	963	33.0	1.68	5.3	7.5	660
M355772		3.97	16.60	0.17	1.0	0.067	2.83	25.8	13.7	0.60	713	31.2	1.77	5.8	5.7	640
M355773		4.01	17.10	0.16	1.0	0.070	2.73	25.7	15.0	0.93	735	32.6	1.78	6.1	6.8	730
M355774		3.59	15.85	0.14	1.0	0.063	2.60	23.3	13.2	0.92	572	28.3	1.79	5.7	5.5	680
M355775		3.60	16.95	0.13	0.9	0.063	2.57	21.1	14.4	0.75	399	28.8	1.55	5.6	5.5	580
M355776		4.23	17.45	0.13	1.0	0.055	3.01	19.4	17.8	0.52	327	25.4	1.01	6.1	4.3	520
M355777		4.23	16.75	0.13	0.9	0.073	3.18	17.6	16.5	0.60	335	36.6	1.37	5.4	5.0	570
M355778		3.91	18.15	0.15	1.0	0.100	3.40	28.1	18.8	0.28	181	48.3	0.32	5.3	4.8	520
M355779		5.80	16.90	0.15	0.8	0.097	3.01	21.5	18.2	0.31	547	53.9	0.22	4.0	10.7	730
M355780		5.92	18.55	0.15	1.2	0.168	2.93	23.4	13.3	1.05	656	30.6	0.83	4.9	30.0	760
M355781		7.29	17.70	0.17	1.9	0.143	3.16	24.8	16.0	1.01	214	8.36	0.62	5.8	22.1	790
M355782		5.08	16.65	0.16	1.9	0.134	3.21	24.8	20.1	0.80	253	5.43	1.00	6.7	14.4	650
M355783		5.47	17.60	0.17	2.0	0.227	3.58	31.9	20.8	0.31	188	10.10	0.09	5.3	10.0	660
M355784		5.09	18.10	0.15	2.1	0.157	3.22	31.2	18.5	0.29	359	11.05	0.13	6.3	15.5	750
M355785		5.33	21.1	0.22	2.5	0.222	3.49	35.2	22.1	0.28	982	5.43	0.07	11.5	7.1	1690
M355786		6.65	19.30	0.17	0.7	0.521	3.32	30.4	9.1	0.41	261	48.7	0.06	4.4	5.2	700
M355787		5.88	20.2	0.16	0.8	0.327	3.07	34.0	13.7	0.44	178	21.6	0.12	6.0	4.0	850
M355788		5.09	19.65	0.13	0.8	0.119	2.45	18.4	16.8	0.94	489	35.3	1.33	5.9	5.1	980
M355789		6.39	19.75	0.16	0.9	0.122	2.21	23.2	17.0	0.71	582	45.1	0.76	6.1	5.7	930
M355790		5.55	17.45	0.17	0.9	0.140	2.69	23.2	11.2	0.37	264	48.6	0.16	5.2	4.3	650
M355791		5.81	17.45	0.17	0.8	0.134	2.46	20.0	13.3	0.59	445	50.3	1.07	6.0	6.0	830
M355792		4.87	21.3	0.16	0.8	0.436	3.54	32.8	7.5	0.45	160	28.9	0.22	4.5	2.1	510
M355793		4.79	42.4	0.15	1.2	0.971	5.22	18.3	7.5	0.53	65	43.6	0.09	4.6	1.0	440
M355794		0.49	0.39	0.11	<0.1	0.014	0.04	0.7	0.9	12.65	195	0.51	0.01	0.4	1.7	160
M355795		6.05	21.7	0.17	0.8	1.270	3.74	37.2	8.2	0.46	80	62.4	0.09	3.9	1.6	520



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Project: Klaza TR-12-39 Batch 15

**CERTIFICATE OF ANALYSIS WH12206260**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355760		26.4	112.0	0.004	0.07	3.15	19.0	3	3.4	260	0.38	0.08	8.5	0.408	1.40	4.9
M355761		22.9	127.5	0.003	0.04	3.04	6.9	1	2.2	230	0.54	0.08	17.8	0.183	1.52	3.5
M355762		57.8	138.0	0.003	0.49	7.58	7.7	1	5.2	112.5	0.36	0.28	12.1	0.175	2.14	3.3
M355763		49.2	151.5	0.006	0.27	6.49	7.3	1	5.6	208	0.47	0.32	15.1	0.183	1.91	2.7
M355764		46.1	155.5	0.005	0.06	7.60	6.9	1	4.0	178.0	0.45	0.07	15.7	0.181	1.71	3.4
M355765		37.1	134.0	0.004	0.08	4.12	7.2	1	4.4	148.0	0.40	0.12	15.9	0.172	1.91	3.7
M355766		38.0	150.0	0.005	0.04	3.44	7.2	1	3.2	81.5	0.46	0.13	15.3	0.188	1.93	4.9
M355767		32.4	141.0	0.009	0.11	3.08	7.9	1	4.5	212	0.41	0.25	15.5	0.179	1.62	3.2
M355768		52.0	113.5	0.006	0.09	3.79	7.9	1	4.8	239	0.44	0.08	15.7	0.199	1.54	4.0
M355769		44.6	127.5	0.009	0.08	4.37	7.8	1	3.4	274	0.40	0.13	14.6	0.202	1.35	3.5
M355770		56.4	112.0	0.006	0.09	5.25	8.3	1	3.9	258	0.44	0.12	13.5	0.220	1.51	3.0
M355771		48.1	126.0	0.004	0.11	5.79	8.0	1	2.8	265	0.46	0.13	14.5	0.227	1.46	3.5
M355772		31.5	119.5	0.002	0.09	4.26	8.2	1	2.6	299	0.48	0.07	15.5	0.229	1.20	3.8
M355773		34.7	122.5	0.005	0.08	5.12	10.6	1	3.1	329	0.47	0.10	13.3	0.269	1.34	3.3
M355774		29.0	98.3	0.006	0.08	4.24	9.9	1	2.7	332	0.46	0.06	12.5	0.273	1.28	3.1
M355775		26.0	93.8	0.004	0.06	6.24	9.8	1	2.5	270	0.46	0.09	13.3	0.246	1.36	3.4
M355776		20.3	97.0	0.002	0.03	3.14	8.6	1	1.6	205	0.48	0.05	15.1	0.219	1.17	4.3
M355777		20.4	119.0	0.008	0.07	4.02	8.5	1	1.8	281	0.45	<0.05	15.0	0.213	1.22	4.2
M355778		21.2	128.5	0.008	0.07	23.5	9.1	1	2.4	136.5	0.43	<0.05	15.8	0.205	1.67	4.5
M355779		34.7	125.0	0.005	0.04	58.3	10.7	2	2.1	66.1	0.31	0.09	11.7	0.204	2.13	7.4
M355780		34.9	172.5	0.003	0.35	16.55	15.4	1	4.9	233	0.37	0.16	9.3	0.293	2.26	4.9
M355781		44.4	168.0	0.002	0.24	5.93	13.8	1	6.4	186.5	0.48	0.34	11.0	0.251	2.24	5.2
M355782		47.7	118.0	<0.002	0.12	5.91	10.5	1	5.3	223	0.59	0.08	12.3	0.241	2.04	5.1
M355783		78.7	153.5	0.002	0.39	17.35	11.7	1	7.3	70.0	0.52	0.13	13.3	0.193	2.61	5.8
M355784		60.8	153.0	0.002	0.27	28.0	11.6	1	6.3	67.6	0.56	0.18	13.4	0.229	2.56	6.0
M355785		3800	191.0	0.004	0.60	65.5	15.2	3	21.2	367	0.77	0.28	8.5	0.438	1.93	3.9
M355786		110.5	221	0.005	1.05	58.8	14.7	2	10.0	87.3	0.28	0.39	8.1	0.307	3.36	4.0
M355787		68.7	172.5	0.005	0.95	26.1	16.8	1	7.4	151.0	0.41	0.15	9.6	0.385	3.14	3.9
M355788		55.8	134.5	0.004	0.15	5.90	15.5	1	5.4	335	0.37	0.16	7.5	0.379	1.81	2.8
M355789		40.7	128.0	0.004	0.29	14.90	15.3	1	3.8	234	0.41	0.06	9.0	0.385	1.92	3.6
M355790		70.2	135.5	0.005	0.52	32.1	12.1	1	4.7	99.8	0.36	0.14	8.3	0.302	2.55	3.1
M355791		48.0	114.0	0.011	0.26	13.55	12.2	1	4.2	258	0.45	0.08	9.7	0.333	1.85	3.6
M355792		155.0	238	0.007	0.56	27.4	12.4	1	17.8	115.0	0.36	0.19	8.9	0.279	2.98	2.4
M355793		1000	297	0.009	1.17	37.4	16.6	4	95.9	141.0	0.34	0.72	7.8	0.302	4.49	1.8
M355794		6.8	2.9	<0.002	0.01	0.31	0.3	<1	0.6	49.0	<0.05	<0.05	<0.2	0.005	0.07	0.6
M355795		275	228	0.005	0.77	27.7	12.7	2	15.7	106.5	0.29	0.21	10.8	0.271	3.31	2.3



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**CERTIFICATE OF ANALYSIS WH12206260**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355760		148	6.2	20.3	196	40.1	1
M355761		53	2.9	12.9	139	27.8	1
M355762		60	9.1	7.3	116	25.7	1
M355763		61	7.8	10.3	131	25.3	1
M355764		52	5.4	12.2	155	22.8	<1
M355765		56	9.2	13.2	141	23.6	1
M355766		59	9.0	15.7	192	21.3	1
M355767		65	6.4	13.0	118	25.5	1
M355768		59	4.6	14.3	175	24.9	1
M355769		60	3.7	13.0	134	23.4	1
M355770		66	4.2	12.1	124	25.0	1
M355771		67	4.4	12.2	130	25.6	1
M355772		65	4.2	13.5	126	24.5	1
M355773		82	3.8	15.6	106	25.1	<1
M355774		82	3.7	13.7	85	24.2	<1
M355775		74	3.5	13.7	99	22.2	1
M355776		60	2.7	11.1	152	24.1	<1
M355777		61	2.9	12.4	180	22.7	1
M355778		60	3.1	12.3	231	25.1	1
M355779		71	3.9	18.9	384	19.9	1
M355780		113	5.7	13.3	263	35.1	1
M355781		98	5.6	14.6	336	53.9	1
M355782		79	3.9	13.9	318	53.9	1
M355783		75	7.7	12.4	322	51.1	1
M355784		83	10.6	13.6	243	53.1	1
M355785		133	3.7	20.9	2300	66.1	34
M355786		121	18.6	12.7	226	16.0	2
M355787		126	7.1	15.0	235	17.2	1
M355788		131	8.2	14.4	185	17.5	2
M355789		128	3.5	14.6	288	20.5	1
M355790		103	6.9	11.2	283	23.7	2
M355791		104	6.1	12.6	247	19.8	2
M355792		99	12.5	8.8	127	17.8	3
M355793		147	31.3	5.0	58	24.2	25
M355794		3	0.3	0.9	15	0.5	<1
M355795		111	9.4	7.6	211	19.4	6



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**CERTIFICATE OF ANALYSIS WH12206260**

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





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**CERTIFICATE WH12206261**

Project: Klaza TR-12-39 Batch 16

P.O. No.: Batch 16

This report is for 19 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206261**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M355796		5.97	0.177	2.22	7.84	281	1940	1.10	3.55	0.30	0.92	54.6	3.5	21	25.2	430
M355797		5.40	0.122	2.00	8.20	137.5	1350	1.28	7.01	1.30	1.05	51.4	10.6	21	15.35	406
M355798		9.23	0.120	2.82	8.33	108.5	1120	1.25	11.30	0.51	1.04	50.5	5.1	22	27.4	371
M355799		7.37	0.118	3.17	8.15	137.0	850	1.21	6.61	0.23	1.16	58.0	3.4	21	30.1	360
M355800		5.41	0.093	1.90	8.40	52.3	1360	1.48	3.45	0.63	2.26	53.1	14.1	23	21.5	616
M355801		3.36	0.117	2.35	8.29	97.4	1540	1.38	7.24	0.65	1.06	59.7	6.8	27	16.30	406
M355802		5.06	0.127	1.70	8.93	104.5	2290	1.42	2.92	0.39	1.27	57.3	6.8	20	20.1	431
M355803		3.12	<0.005	0.03	0.11	<5	40	0.09	0.07	21.8	0.08	1.60	1.0	<1	0.37	5.1
M355804		8.76	0.122	2.04	8.09	118.5	810	1.39	3.09	0.28	0.93	61.4	4.7	16	21.1	386
M355805		5.13	0.102	1.95	8.80	146.5	1140	1.56	3.93	0.40	0.94	61.9	7.2	20	19.05	509
M355806		4.40	0.105	1.43	8.48	152.0	2050	1.52	2.34	0.53	1.56	53.3	8.1	19	18.15	573
M355807		8.53	0.095	1.54	8.24	170.0	780	1.75	1.79	0.18	1.45	54.9	10.2	15	32.7	626
M355808		5.99	0.094	1.76	8.42	64.8	1180	1.34	1.77	0.18	0.93	47.4	6.0	15	28.1	483
M355809		6.35	0.207	2.13	7.99	129.5	1040	1.43	2.51	0.19	0.72	52.0	3.1	15	23.8	374
M355810		7.23	0.121	2.04	8.46	147.0	910	1.53	2.68	0.20	0.97	56.8	6.3	17	27.5	476
M355811		6.38	0.120	2.95	8.02	214	670	1.41	2.17	0.11	0.67	63.2	2.6	7	19.70	330
M355812		9.48	0.088	1.85	7.85	239	550	1.36	2.14	0.11	0.69	63.6	2.5	16	23.6	258
M355813		0.26	1.255	33.1	7.66	541	1240	1.94	1.29	0.29	30.7	74.4	5.0	18	3.50	126.0
M355814		7.17	0.167	4.95	7.19	241	980	1.30	15.20	0.17	0.75	66.2	3.2	10	15.15	275



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**CERTIFICATE OF ANALYSIS WH12206261**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M355796		7.44	20.0	0.17	0.8	0.759	3.05	28.5	11.7	0.40	134	49.7	0.32	4.9	2.9	660
M355797		5.47	19.20	0.15	0.9	0.355	2.36	26.3	13.7	0.88	263	27.9	1.43	7.1	4.4	910
M355798		5.22	19.25	0.15	0.9	0.223	3.01	27.0	12.7	0.56	134	32.2	0.52	6.0	3.4	730
M355799		5.89	18.60	0.18	0.9	0.377	3.49	30.9	10.1	0.40	123	53.5	0.28	4.6	2.3	790
M355800		4.87	18.90	0.16	0.9	0.135	2.77	26.5	16.1	0.66	429	45.2	1.31	5.9	5.6	880
M355801		5.14	18.30	0.16	1.0	0.212	2.77	31.6	15.6	0.67	208	51.2	1.10	6.6	4.7	920
M355802		5.37	18.85	0.17	0.9	0.229	3.30	30.3	14.1	0.55	225	72.0	0.83	5.3	3.9	910
M355803		0.52	0.39	0.05	<0.1	0.006	0.04	0.8	1.0	13.10	223	0.77	0.01	0.4	2.4	180
M355804		4.69	17.65	0.16	0.8	0.142	2.93	32.7	18.4	0.40	115	89.3	0.28	5.5	3.7	750
M355805		5.38	18.50	0.18	1.0	0.131	3.01	33.1	17.0	0.50	158	67.9	0.47	6.1	4.6	890
M355806		4.77	17.55	0.16	1.0	0.147	2.88	27.9	12.3	0.53	234	70.4	1.03	5.7	4.6	920
M355807		4.22	16.70	0.15	0.8	0.135	3.10	28.8	13.9	0.33	264	33.6	0.17	5.0	3.2	800
M355808		4.47	16.45	0.16	0.8	0.105	3.54	24.9	12.4	0.37	143	60.1	0.23	3.3	3.1	770
M355809		4.75	17.75	0.15	0.7	0.235	3.15	26.7	12.0	0.38	93	58.0	0.15	4.3	3.0	800
M355810		4.96	17.85	0.16	0.8	0.193	2.94	28.6	12.8	0.39	110	59.4	0.21	4.3	3.7	850
M355811		3.04	15.45	0.14	1.2	0.260	3.05	34.5	20.4	0.28	68	46.7	0.09	5.1	2.0	580
M355812		3.29	16.60	0.16	1.2	0.282	3.09	33.8	15.6	0.28	60	38.4	0.05	5.3	1.9	670
M355813		5.36	21.1	0.21	2.5	0.245	3.61	36.6	23.6	0.28	1010	5.87	0.07	12.4	6.8	1730
M355814		3.61	14.75	0.16	1.2	0.454	3.15	37.2	16.0	0.33	107	44.5	0.26	5.1	2.6	540



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**CERTIFICATE OF ANALYSIS WH12206261**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M355796		82.8	184.5	0.004	0.85	21.7	11.6	2	11.2	147.5	0.33	0.12	10.1	0.307	2.69	3.1
M355797		46.3	118.0	0.004	0.41	14.20	13.5	2	2.7	396	0.47	0.08	10.5	0.367	1.62	3.7
M355798		103.5	162.0	0.002	0.67	42.7	13.8	2	4.6	211	0.40	0.08	9.1	0.339	2.27	2.9
M355799		106.5	204	0.003	1.06	11.65	13.7	2	7.9	118.5	0.32	0.15	9.9	0.313	2.88	3.0
M355800		75.2	147.5	0.005	0.27	8.45	13.3	2	3.3	243	0.40	0.11	9.7	0.336	2.11	2.9
M355801		96.3	137.0	0.006	0.40	15.00	13.2	2	3.2	268	0.47	0.12	11.7	0.357	2.01	3.8
M355802		67.6	176.5	0.014	0.46	15.60	11.9	2	4.4	214	0.37	0.12	11.2	0.300	2.65	3.0
M355803		2.8	3.0	<0.002	0.01	0.15	0.3	1	<0.2	52.9	<0.05	<0.05	<0.2	0.005	0.02	0.4
M355804		71.9	153.5	0.010	0.38	39.8	10.6	2	3.2	118.5	0.39	0.11	10.7	0.274	2.11	3.6
M355805		65.8	148.5	0.006	0.23	36.7	12.3	2	3.3	167.0	0.40	0.12	10.9	0.318	1.91	4.9
M355806		106.5	141.5	0.006	0.26	20.8	11.9	2	3.2	279	0.38	0.12	10.9	0.292	1.96	4.5
M355807		99.6	150.5	0.006	0.40	27.8	12.3	2	2.6	100.5	0.35	0.12	11.4	0.262	2.11	6.0
M355808		61.1	159.0	0.012	0.46	26.2	12.8	2	3.8	118.5	0.24	0.16	9.9	0.219	2.31	3.1
M355809		65.6	157.5	0.005	0.67	21.6	12.4	2	6.5	120.0	0.30	0.24	10.2	0.258	2.49	3.9
M355810		52.0	154.0	0.003	0.42	27.1	13.7	2	3.7	115.5	0.31	0.16	9.9	0.251	2.47	4.5
M355811		63.2	149.0	0.003	0.34	37.4	10.5	2	3.4	64.3	0.44	0.13	17.5	0.181	2.49	3.7
M355812		51.5	154.0	0.002	0.45	40.2	11.7	2	3.1	72.1	0.44	0.10	17.1	0.201	2.83	3.7
M355813		3820	178.5	0.003	0.58	65.3	14.4	4	21.0	383	0.79	0.31	7.8	0.443	1.97	3.8
M355814		152.0	163.0	0.002	0.51	57.5	9.6	2	5.8	124.0	0.43	0.23	17.3	0.178	2.41	3.5



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**CERTIFICATE OF ANALYSIS WH12206261**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M355796		125	4.6	11.0	290	19.4	3
M355797		122	2.9	15.8	229	20.9	2
M355798		122	7.4	11.5	187	22.0	3
M355799		120	7.5	9.7	167	23.2	3
M355800		121	4.3	17.5	225	21.4	2
M355801		117	4.1	14.3	246	24.4	3
M355802		106	3.7	12.4	257	23.5	2
M355803		1	0.1	1.0	18	<0.5	<1
M355804		91	3.5	11.8	218	20.0	3
M355805		108	4.5	15.7	311	27.7	2
M355806		103	4.3	15.9	248	24.8	2
M355807		96	4.4	14.9	196	18.2	2
M355808		106	4.5	11.6	195	17.2	2
M355809		103	7.0	11.2	232	15.6	3
M355810		107	4.8	12.8	317	18.5	1
M355811		73	4.2	11.2	121	33.7	2
M355812		80	4.1	10.2	147	34.6	1
M355813		145	3.8	19.3	2400	66.9	34
M355814		65	5.9	10.8	179	32.8	4



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Project: Klaza TR-12-39 Batch 16

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Finalized Date: 20-SEP-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12206261**

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



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**CERTIFICATE WH12206336**

Project: Klaza-116

P.O. No.: Batch 9

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 21-SEP-2012  
Account: ROCKHA

Project: Klaza-116

**CERTIFICATE OF ANALYSIS WH12206336**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358524		9.26	0.045	0.36	7.43	19.6	1070	1.50	1.69	2.76	0.41	46.0	6.4	8	14.50	22.8
M358525		5.46	0.137	0.56	7.61	35.9	980	1.20	1.84	2.02	1.08	47.5	3.8	8	11.60	44.9
M358526		2.43	0.061	0.57	7.26	35.8	290	1.12	2.35	0.76	0.81	43.0	13.3	8	10.90	79.0
M358527		2.35	0.051	0.52	3.59	29.1	130	0.62	2.12	2.05	0.68	20.9	16.6	10	5.77	19.9
M358528		4.09	0.037	0.47	7.10	21.2	320	1.34	3.59	2.05	1.25	44.0	7.8	8	13.35	39.4
M358529		<0.02	0.048	0.46	7.20	23.2	320	1.32	3.56	2.06	1.30	44.8	7.5	8	13.75	38.6
M358530		3.35	0.026	0.41	7.33	14.1	480	1.58	2.34	2.54	0.85	47.1	11.2	7	17.50	11.3
M358531		4.11	0.059	0.62	7.27	32.7	1020	1.43	4.25	2.47	0.95	43.1	18.8	7	14.25	30.8
M358532		0.26	4.58	>100	5.44	7740	650	1.04	64.0	2.05	222	34.4	9.6	16	11.90	1265
M358533		4.17	0.107	1.63	7.47	91.5	370	1.33	4.30	1.77	3.99	42.3	16.1	7	8.11	44.4
M358534		2.68	0.075	0.90	5.82	81.6	530	1.18	3.92	0.45	0.77	34.4	15.9	7	8.76	15.6
M358535		3.25	1.760	11.65	3.99	394	70	0.85	53.2	1.71	3.97	102.0	78.1	5	9.53	193.0
M358536		2.58	<0.005	0.03	0.09	5	30	0.05	0.10	21.6	0.07	1.39	1.5	<1	0.33	2.3
M358537		2.68	0.422	2.89	6.99	104.0	560	1.55	14.80	2.37	4.39	64.4	16.6	7	12.80	111.0
M358538		5.41	0.499	1.24	5.71	97.3	440	1.09	24.7	1.47	1.62	35.4	32.9	12	8.56	193.0
M358539		2.86	0.330	1.39	6.26	57.5	390	1.19	24.3	1.30	1.92	33.5	23.9	8	7.53	247
M358540		5.66	0.763	1.36	6.82	28.0	720	1.32	14.55	2.16	2.78	35.4	8.8	9	8.94	130.0
M358541		2.55	0.210	0.88	7.70	47.1	710	1.51	10.65	2.12	1.64	35.6	6.3	7	7.84	169.5
M358542		0.26	2.20	26.9	6.07	3560	310	1.31	22.2	2.41	82.9	42.8	11.7	18	15.45	452
M358543		3.41	0.357	2.13	6.68	199.5	680	1.29	15.95	1.96	2.28	40.3	9.1	9	8.49	162.5
M358544		3.48	0.130	1.12	6.42	97.8	410	1.11	14.55	2.10	1.44	41.2	23.9	13	7.76	158.5
M358545		3.04	0.107	1.79	6.94	61.6	320	1.28	23.7	1.76	2.56	51.4	16.5	9	7.50	236
M358546		3.01	<0.005	0.02	0.05	<5	20	<0.05	0.10	22.0	0.07	1.06	1.3	<1	0.17	2.5
M358547		4.72	0.033	0.64	7.33	52.8	500	1.31	9.96	1.67	0.79	49.5	20.7	8	7.35	107.0
M358548		2.88	0.066	1.44	6.37	36.6	1180	1.35	14.60	4.39	0.53	45.5	8.6	7	12.70	226
M358549		2.70	0.036	1.35	7.33	38.6	1070	1.67	9.47	3.01	2.12	50.3	8.0	7	12.30	140.5
M358550		3.82	0.074	0.56	7.87	28.7	900	1.47	17.10	1.59	0.85	52.9	5.7	7	11.55	153.0
M358551		2.32	0.078	0.61	8.01	35.3	970	1.50	19.65	1.62	0.53	54.9	6.2	8	10.50	154.0
M358552		4.57	0.274	0.58	7.52	51.9	730	1.50	19.05	1.83	0.75	40.4	4.8	8	12.10	131.5
M358553		2.55	0.245	0.98	6.00	76.0	530	1.12	17.75	1.73	1.40	37.7	7.8	8	8.45	132.0
M358554		2.86	0.126	1.67	7.67	88.7	550	1.49	50.9	1.94	3.39	35.4	12.8	8	10.05	280
M358555		2.34	0.141	0.70	6.87	42.6	710	1.50	20.9	2.03	0.34	37.0	4.8	9	11.75	286
M358556		2.82	0.217	0.63	7.94	22.5	600	1.81	21.5	2.02	0.78	41.9	7.5	9	11.95	100.0
M358557		2.74	0.150	0.50	7.57	20.7	580	1.57	16.35	1.96	0.52	42.8	10.4	8	8.01	114.5
M358558		2.16	0.366	1.04	6.98	56.1	190	1.38	23.7	1.99	1.40	38.0	30.1	8	6.85	143.5
M358559		5.33	0.170	0.58	7.85	40.9	690	1.63	18.10	1.86	0.87	49.1	9.5	8	12.95	172.5





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Account: ROCKHA

Project: Klaza-116

**CERTIFICATE OF ANALYSIS WH12206336**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358524		2.61	18.15	0.15	1.0	0.377	1.81	21.8	14.9	0.81	401	0.80	2.56	8.3	2.6	580
M358525		2.90	18.05	0.14	1.1	0.303	1.98	22.8	28.4	0.72	575	0.57	0.57	8.4	2.4	590
M358526		2.21	17.25	0.13	1.0	0.304	1.48	20.7	32.1	0.39	325	6.95	0.03	6.9	5.0	550
M358527		2.43	8.74	0.11	0.4	0.193	0.92	9.1	13.1	0.49	276	0.90	0.47	2.9	6.1	230
M358528		2.39	16.05	0.14	1.0	0.343	1.22	21.2	18.3	0.65	309	0.85	1.90	7.2	2.4	520
M358529		2.42	16.20	0.13	1.0	0.346	1.24	21.2	18.5	0.66	309	0.74	1.92	7.4	2.3	520
M358530		2.69	17.75	0.13	1.0	0.404	1.49	22.7	22.6	0.56	341	1.94	1.83	8.1	2.2	570
M358531		3.12	17.60	0.16	0.9	0.338	2.62	18.9	25.3	0.77	440	7.89	0.70	6.9	2.2	560
M358532		7.89	14.35	0.19	1.1	4.69	2.35	16.5	30.0	0.64	3090	15.95	0.09	5.9	14.0	450
M358533		4.36	18.55	0.17	0.9	0.418	3.61	16.1	12.0	0.73	765	15.10	0.06	6.5	2.5	600
M358534		3.40	14.95	0.15	0.7	0.210	2.80	15.5	25.8	0.38	243	21.9	0.05	4.7	2.7	440
M358535		13.05	12.90	0.29	0.5	0.279	1.74	62.1	22.0	0.73	658	23.9	0.04	3.2	9.4	280
M358536		0.50	0.40	0.06	<0.1	0.005	0.05	0.6	1.3	13.40	221	0.17	0.01	0.3	1.8	210
M358537		3.89	19.05	0.17	0.9	0.254	3.00	31.3	17.1	1.01	515	8.64	0.06	7.0	7.2	550
M358538		3.99	16.95	0.15	0.7	0.261	2.14	15.8	31.4	0.64	244	12.60	0.08	4.5	8.6	410
M358539		3.44	16.10	0.14	0.9	0.212	1.59	13.2	15.5	0.72	259	0.86	1.20	5.5	7.0	480
M358540		2.52	19.50	0.14	0.9	0.394	2.00	14.3	13.7	0.70	422	0.33	1.94	6.4	2.9	530
M358541		2.87	20.3	0.13	1.1	0.230	1.85	15.5	15.6	0.91	359	0.56	2.17	7.2	1.5	580
M358542		6.74	16.10	0.18	1.0	1.765	2.77	20.8	24.4	0.97	1950	14.40	0.04	6.4	16.4	450
M358543		3.68	18.90	0.15	0.9	0.283	2.45	17.0	10.6	0.82	390	0.86	0.79	6.5	3.5	480
M358544		4.88	17.45	0.16	0.9	0.213	2.49	16.9	19.4	0.86	367	2.61	0.09	5.6	8.1	430
M358545		6.11	18.65	0.18	1.0	0.168	2.62	22.6	7.2	0.72	326	0.38	0.61	6.5	2.6	540
M358546		0.50	0.29	0.05	<0.1	<0.005	0.02	0.5	0.8	13.55	222	0.07	0.01	0.2	1.1	180
M358547		4.10	18.65	0.14	1.0	0.163	1.71	21.4	14.9	0.63	320	0.45	1.51	6.4	4.3	550
M358548		2.89	16.60	0.12	1.1	0.124	2.06	20.6	16.6	1.21	651	1.91	0.62	7.3	2.8	530
M358549		3.33	18.45	0.14	1.2	0.123	1.90	22.9	46.1	0.93	530	1.26	0.89	7.9	2.7	580
M358550		3.15	19.30	0.13	1.1	0.189	1.68	24.6	24.6	0.59	308	0.98	1.63	8.0	2.4	570
M358551		3.18	19.00	0.10	1.2	0.141	1.69	25.4	25.4	0.56	322	0.34	1.67	8.3	2.4	600
M358552		3.05	20.3	0.12	0.9	0.240	1.63	15.9	19.0	0.76	282	0.91	2.24	7.1	2.7	560
M358553		3.35	17.70	0.12	0.7	0.411	1.90	15.3	14.6	0.69	338	1.05	0.93	5.3	4.7	500
M358554		4.25	21.6	0.14	0.9	0.568	2.21	14.4	15.9	0.97	289	0.40	1.40	6.7	3.2	560
M358555		3.58	19.75	0.12	0.9	0.306	1.59	14.5	17.7	1.09	288	0.56	1.43	7.0	2.5	580
M358556		3.24	21.0	0.12	1.0	0.221	1.61	17.2	20.3	0.89	255	1.20	2.00	7.6	2.3	590
M358557		3.19	19.40	0.13	0.9	0.189	1.81	16.4	15.2	0.73	234	0.48	2.07	7.5	4.0	590
M358558		5.29	20.5	0.16	0.8	0.170	1.90	15.6	32.0	0.65	230	0.48	0.92	6.4	4.8	530
M358559		3.82	20.2	0.14	1.0	0.219	1.78	22.0	20.0	0.71	237	0.87	2.15	7.5	2.8	580



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Account: ROCKHA

Project: Klaza-116

**CERTIFICATE OF ANALYSIS WH12206336**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358524		22.3	86.4	<0.002	0.80	4.43	10.9	1	4.0	339	0.64	0.12	13.3	0.243	3.2
M358525		27.9	82.5	<0.002	0.59	29.6	11.3	1	3.8	130.0	0.68	0.06	13.2	0.254	4.1
M358526		24.4	87.2	0.003	1.08	52.1	10.0	2	3.4	50.1	0.57	0.12	14.7	0.205	3.1
M358527		38.4	53.6	<0.002	1.75	5.85	5.2	2	2.8	119.5	0.24	0.19	6.0	0.097	2.0
M358528		23.0	67.7	<0.002	0.79	11.60	9.5	2	3.2	247	0.59	0.11	13.4	0.215	3.1
M358529		22.8	68.7	<0.002	0.78	11.85	9.7	1	3.3	252	0.62	0.12	13.6	0.218	3.2
M358530		28.8	78.1	<0.002	1.29	6.50	10.7	2	4.7	273	0.64	0.20	12.5	0.234	3.2
M358531		33.9	138.5	<0.002	1.84	11.90	8.9	2	5.7	181.5	0.55	0.19	12.0	0.210	3.1
M358532		9310	141.5	<0.002	7.00	217	7.9	3	8.8	127.5	0.45	0.51	8.1	0.185	4.7
M358533		159.5	230	<0.002	3.15	15.50	11.1	2	6.9	58.3	0.49	0.28	12.2	0.212	4.6
M358534		43.4	183.5	<0.002	3.02	29.4	8.3	2	6.3	71.5	0.39	0.29	10.9	0.145	4.3
M358535		220	112.0	0.007	>10.0	37.7	4.5	5	11.5	228	0.27	2.75	7.1	0.091	3.0
M358536		1.5	2.8	<0.002	0.02	0.16	0.5	2	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.6
M358537		123.0	191.5	0.006	3.17	19.90	10.3	2	8.3	127.0	0.55	0.66	12.7	0.205	4.2
M358538		35.8	135.0	0.013	3.46	8.62	7.6	2	7.3	77.3	0.37	1.39	10.7	0.139	2.6
M358539		60.9	92.4	<0.002	2.51	3.94	8.6	2	5.1	172.0	0.46	1.17	12.9	0.170	4.1
M358540		84.1	94.2	<0.002	1.13	4.82	9.6	1	11.5	278	0.54	1.06	12.6	0.192	3.5
M358541		62.5	100.0	<0.002	1.08	3.76	10.7	1	6.5	298	0.63	0.48	15.2	0.221	4.2
M358542		2890	168.0	0.002	4.86	95.5	8.8	2	8.4	96.7	0.50	0.38	10.5	0.188	5.0
M358543		92.6	152.0	<0.002	2.30	6.61	9.5	1	6.8	145.0	0.48	0.73	13.0	0.178	3.8
M358544		78.7	153.0	<0.002	4.30	18.30	9.0	2	6.1	87.4	0.47	1.13	12.5	0.157	3.2
M358545		138.5	132.5	<0.002	5.95	10.20	10.3	4	6.3	132.5	0.55	2.27	13.2	0.194	3.8
M358546		1.5	1.4	<0.002	0.01	0.10	0.2	2	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	0.5
M358547		25.7	95.9	<0.002	3.20	11.85	9.8	2	3.9	184.0	0.58	0.85	15.1	0.183	4.9
M358548		22.0	81.0	<0.002	1.36	7.79	9.5	2	3.3	212	0.60	0.97	12.1	0.208	4.4
M358549		68.1	79.3	<0.002	1.63	5.61	10.6	2	3.7	229	0.66	0.51	13.6	0.226	4.8
M358550		31.1	79.8	<0.002	1.55	6.15	11.0	2	4.3	222	0.69	0.93	16.0	0.231	4.0
M358551		33.0	79.0	<0.002	1.60	7.66	10.9	1	4.7	222	0.72	1.08	16.0	0.244	4.0
M358552		44.9	91.1	<0.002	1.77	5.66	11.3	2	5.6	287	0.56	1.20	13.0	0.222	3.5
M358553		44.3	109.5	<0.002	2.45	4.90	8.7	2	6.2	164.5	0.44	1.18	11.6	0.174	3.5
M358554		183.0	118.0	<0.002	3.06	10.20	10.4	5	8.4	185.0	0.54	2.48	13.2	0.215	4.3
M358555		24.2	87.3	<0.002	1.98	5.36	11.1	2	5.6	231	0.56	1.06	13.7	0.211	4.5
M358556		50.3	83.7	<0.002	2.09	3.45	11.6	2	6.5	323	0.63	1.27	15.1	0.232	4.7
M358557		18.8	94.9	<0.002	2.28	2.23	11.3	2	6.8	278	0.60	0.96	14.9	0.215	3.8
M358558		46.6	93.1	<0.002	4.96	3.07	9.8	2	8.5	211	0.51	2.55	12.7	0.187	3.5
M358559		42.7	94.8	<0.002	2.49	3.79	11.0	2	7.1	304	0.60	1.21	14.2	0.228	4.2



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**CERTIFICATE OF ANALYSIS WH12206336**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358524		66	1.6	17.5	69	25.4	<1	
M358525		70	2.4	18.6	119	27.1	<1	
M358526		67	2.2	15.8	88	26.2	<1	
M358527		37	1.4	9.3	69	9.7	<1	
M358528		58	1.4	14.7	119	24.4	<1	
M358529		59	1.4	14.8	119	24.7	<1	
M358530		76	1.6	15.5	89	24.6	<1	
M358531		62	1.9	14.8	97	21.4	<1	
M358532		52	4.8	10.2	>10000	32.9	122	1.570
M358533		68	4.1	13.2	327	20.8	2	
M358534		56	3.2	10.4	82	16.1	1	
M358535		39	6.1	8.7	306	12.5	10	
M358536		3	0.1	0.9	14	<0.5	<1	
M358537		59	6.5	15.4	319	23.2	3	
M358538		55	7.9	11.4	121	19.2	1	
M358539		51	6.8	12.1	155	22.4	1	
M358540		50	3.9	13.5	232	23.1	2	
M358541		67	6.9	13.2	133	26.7	1	
M358542		58	5.6	10.8	5590	26.4	27	
M358543		60	6.7	13.6	191	21.2	2	
M358544		46	8.1	12.5	117	21.0	1	
M358545		56	15.2	14.6	195	25.5	2	
M358546		1	0.1	0.9	13	<0.5	<1	
M358547		72	7.1	14.7	70	24.7	<1	
M358548		58	7.9	14.6	55	27.6	1	
M358549		67	7.3	17.2	167	30.1	1	
M358550		66	7.0	16.1	83	28.4	<1	
M358551		66	6.9	17.1	56	30.1	<1	
M358552		61	6.9	14.0	81	21.9	1	
M358553		48	7.2	14.3	142	16.7	1	
M358554		73	8.1	14.5	386	22.8	2	
M358555		74	7.9	17.1	48	21.5	<1	
M358556		72	9.7	16.2	84	23.0	<1	
M358557		50	10.1	14.4	47	20.6	1	
M358558		63	12.4	13.9	109	19.5	1	
M358559		67	8.0	15.3	93	24.1	1	



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**CERTIFICATE OF ANALYSIS WH12206336**

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



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**CERTIFICATE WH12206337**

Project: Klaza-116

P.O. No.: Batch 10

This report is for 34 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206337**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358560		2.34	1.215	0.59	7.18	52.2	810	1.49	31.5	1.59	0.30	56.5	9.1	6	10.40	228
M358561		3.53	0.552	0.50	7.04	44.4	970	1.60	30.1	2.00	0.62	43.5	5.7	7	9.23	183.5
M358562		7.61	0.086	0.33	7.33	15.4	1950	1.80	8.79	2.38	0.19	47.1	6.2	9	9.35	55.8
M358563		0.26	4.47	>100	5.55	7690	190	1.08	59.0	1.96	228	32.5	9.3	17	10.60	1260
M358564		3.20	0.023	0.54	7.75	45.6	1320	1.69	5.29	2.19	0.57	60.1	13.5	7	11.30	87.0
M358565		4.42	0.078	3.22	7.26	26.9	1650	1.80	48.4	2.75	0.89	48.6	6.7	8	9.80	125.0
M358566		2.40	0.373	3.94	6.33	104.5	180	1.34	25.0	2.77	0.67	35.2	6.6	7	7.95	161.5
M358567		4.27	<0.005	0.06	0.11	<5	20	0.07	0.25	20.1	0.06	1.25	1.4	<1	0.94	1.6
M358568		3.16	0.046	0.74	6.88	86.8	940	1.36	8.45	2.51	0.43	57.6	12.9	6	9.74	220
M358569		3.64	0.030	1.13	6.83	82.0	880	1.41	7.34	2.06	1.32	47.7	4.0	7	9.18	223
M358570		1.90	0.038	0.99	6.94	84.7	830	1.50	5.91	2.02	1.10	48.6	4.1	6	9.29	204
M358571		3.92	0.033	0.80	6.61	67.5	680	1.26	7.75	1.62	0.62	48.1	11.9	8	7.31	171.0
M358572		2.56	0.030	0.48	7.16	43.1	250	1.26	4.16	1.76	0.43	46.2	9.3	7	6.83	166.5
M358573		0.26	2.35	23.9	6.06	3270	1450	1.23	18.25	2.18	73.7	43.3	10.4	17	13.25	436
M358574		2.26	0.028	0.54	6.64	21.0	540	1.55	3.44	2.54	0.60	37.5	14.5	7	8.47	190.5
M358575		6.00	0.054	2.31	6.90	58.9	410	1.57	18.85	3.05	5.33	42.4	9.5	6	7.63	191.0
M358576		2.46	0.143	1.11	6.59	175.0	710	1.49	6.37	2.09	1.67	48.2	19.5	6	13.85	229
M358577		2.72	<0.005	0.02	0.15	<5	40	0.06	0.06	20.2	0.07	1.30	1.7	<1	0.26	2.2
M358578		2.57	0.014	1.12	7.05	32.6	550	1.44	3.37	2.37	3.48	50.2	6.1	6	11.00	62.3
M358579		4.29	0.032	0.36	7.05	44.5	1320	1.53	1.60	2.52	0.49	47.5	4.4	8	13.50	73.5
M358580		1.81	0.187	1.06	4.66	122.0	150	0.91	5.80	1.27	0.36	42.1	53.0	8	6.48	183.0
M358581		2.21	0.295	1.50	6.36	78.4	410	1.40	5.05	2.47	1.99	171.0	22.4	6	11.05	83.8
M358582		6.02	0.021	0.34	6.45	40.0	710	1.66	2.05	2.41	0.32	41.2	6.8	6	11.00	69.8
M358583		5.98	0.014	0.20	6.58	17.0	850	1.73	1.01	2.64	0.25	38.7	6.4	7	11.50	73.7
M358584		<0.02	0.014	0.21	6.79	17.4	850	1.78	0.99	2.65	0.27	43.5	6.4	7	12.90	75.7
M358585		3.67	0.058	0.39	6.76	34.9	920	1.45	2.72	2.41	0.39	46.9	20.4	6	11.45	101.5
M358586		4.34	0.052	0.85	7.35	12.2	1220	1.36	2.29	5.45	0.32	66.9	14.7	40	11.45	307
M358587		9.50	0.044	1.18	7.27	29.8	970	1.37	5.85	4.38	0.35	64.5	16.5	39	23.1	255
M358588		3.99	0.029	0.96	7.54	46.7	150	1.45	3.17	2.97	0.64	47.3	19.2	7	29.9	301
M358589		3.76	0.019	0.43	6.41	27.1	130	1.28	3.84	3.77	0.23	34.2	24.4	6	18.75	137.5
M358590		5.17	0.010	0.21	6.76	15.5	1130	1.64	1.34	3.18	0.26	42.4	8.8	8	13.75	64.3
M358591		4.10	<0.005	0.22	7.27	15.1	1290	1.53	1.67	1.95	0.20	42.7	8.8	11	13.80	47.8
M358592		2.96	0.041	0.69	6.43	66.9	160	1.51	2.53	2.89	1.05	80.8	47.2	7	11.85	104.5
M358593		2.45	0.054	0.41	7.19	71.1	910	1.55	2.02	2.87	0.49	45.5	36.7	10	9.96	112.5



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**CERTIFICATE OF ANALYSIS WH12206337**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358560		3.82	19.40	0.23	0.9	0.235	1.64	26.5	29.7	0.69	282	1.33	1.78	7.9	2.9	540
M358561		3.18	18.45	0.23	1.0	0.247	1.75	20.2	22.2	0.67	275	0.96	1.75	8.3	2.5	550
M358562		3.03	17.80	0.22	1.0	0.064	2.50	22.5	23.1	0.75	396	2.47	1.95	9.0	3.6	580
M358563		8.06	12.95	0.17	1.1	4.48	2.27	15.5	31.4	0.64	3040	16.00	0.08	6.1	14.6	450
M358564		2.96	18.85	0.24	1.0	0.233	2.34	29.0	22.2	0.68	348	3.52	0.99	8.7	3.8	620
M358565		2.97	17.15	0.24	0.9	0.155	2.28	23.2	14.4	0.67	398	1.01	1.86	8.5	2.8	570
M358566		5.67	16.55	0.18	0.8	0.198	2.47	16.1	10.2	0.95	391	0.73	0.57	6.9	2.1	500
M358567		0.47	0.44	0.27	<0.1	<0.005	0.06	0.6	1.4	12.55	202	0.12	0.01	0.4	2.6	180
M358568		3.61	16.85	0.18	0.9	0.287	2.29	29.9	27.4	0.91	395	6.48	0.13	7.5	3.9	550
M358569		3.78	16.05	0.19	0.9	0.246	2.12	22.1	22.6	0.81	373	0.79	0.74	7.5	2.2	540
M358570		3.87	16.05	0.19	0.9	0.220	2.23	22.9	22.2	0.80	356	0.92	0.73	7.3	1.8	540
M358571		3.96	15.85	0.19	0.8	0.220	1.77	23.3	28.6	0.85	299	1.16	1.11	7.2	2.2	520
M358572		4.66	14.80	0.20	0.9	0.129	2.33	21.7	33.8	0.86	253	0.97	0.75	7.3	2.8	520
M358573		6.50	14.00	0.16	0.9	1.580	2.56	22.7	23.9	0.91	1860	13.70	0.03	6.5	15.8	430
M358574		4.12	16.35	0.19	0.8	0.244	2.04	15.8	18.7	0.54	274	0.74	1.07	7.6	3.1	540
M358575		3.49	17.40	0.19	0.8	0.508	2.40	19.5	19.5	0.87	537	1.69	0.51	7.7	2.6	570
M358576		3.83	15.10	0.19	0.7	0.275	2.07	24.2	45.8	0.82	587	2.68	0.07	6.7	3.4	470
M358577		0.46	0.51	0.29	<0.1	0.005	0.07	0.6	1.6	12.75	197	0.12	0.01	0.3	3.2	180
M358578		3.72	15.85	0.18	0.8	0.380	2.61	24.0	13.5	0.89	445	0.75	0.26	7.3	2.3	520
M358579		3.19	16.15	0.20	1.0	0.104	2.41	22.6	23.4	0.80	365	0.79	0.75	7.8	2.3	540
M358580		5.31	13.35	0.17	0.5	0.166	1.91	21.5	27.5	0.54	224	2.65	0.06	3.6	10.0	320
M358581		4.43	18.75	0.20	0.7	0.187	2.58	119.0	15.8	1.01	828	194.5	0.09	5.9	6.1	440
M358582		2.14	17.65	0.13	0.8	0.114	1.78	19.9	51.1	0.72	335	1.92	0.48	7.3	2.4	510
M358583		2.25	17.75	0.14	0.8	0.102	1.50	18.7	15.7	0.64	256	0.87	1.91	7.2	2.7	500
M358584		2.29	17.95	0.14	0.9	0.118	1.52	21.4	16.0	0.65	257	0.92	1.92	7.8	2.7	510
M358585		3.01	19.55	0.16	0.9	0.220	1.59	24.0	28.4	0.74	236	6.45	2.53	7.6	7.5	490
M358586		5.07	21.3	0.21	1.3	0.186	1.66	32.2	23.4	1.96	863	1.54	1.76	6.5	4.1	1030
M358587		5.49	20.9	0.21	1.1	0.221	1.59	30.0	30.6	1.67	738	1.34	1.17	6.4	5.7	1050
M358588		5.46	22.4	0.21	0.9	0.269	2.41	21.0	19.5	1.06	423	2.30	1.51	8.9	13.4	620
M358589		5.86	17.85	0.16	0.8	0.325	1.57	15.7	23.6	0.60	354	18.15	1.21	6.8	7.6	500
M358590		2.72	17.75	0.14	0.8	0.092	1.54	20.6	23.3	0.77	383	1.17	1.72	7.3	4.5	550
M358591		2.99	18.90	0.16	0.9	0.078	2.06	20.5	34.6	0.87	312	1.00	0.65	8.4	4.1	590
M358592		4.52	17.05	0.20	0.7	0.117	2.36	47.8	27.1	1.13	325	10.35	0.24	6.3	11.9	470
M358593		3.60	19.35	0.16	0.8	0.150	1.84	21.7	21.3	0.95	315	2.25	2.17	6.5	13.4	580



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**CERTIFICATE OF ANALYSIS WH12206337**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358560		23.9	92.9	<0.002	2.35	9.46	11.6	2	7.7	252	0.58	2.31	13.0	0.217	1.34	4.0
M358561		25.9	79.1	<0.002	1.92	7.14	11.2	2	6.8	286	0.63	1.88	11.8	0.228	1.34	3.9
M358562		21.6	88.6	<0.002	1.06	3.07	12.0	2	3.5	372	0.68	0.76	12.4	0.253	1.19	4.5
M358563		9680	131.5	<0.002	6.88	219	7.9	2	8.8	117.0	0.43	0.39	8.0	0.183	2.17	5.0
M358564		31.1	93.3	<0.002	1.26	12.80	12.3	2	5.2	215	0.67	0.42	13.1	0.248	1.57	3.9
M358565		128.5	87.6	<0.002	1.03	3.68	11.6	2	3.9	381	0.62	0.74	12.2	0.240	1.33	4.1
M358566		70.5	100.5	<0.002	4.73	8.42	9.9	2	7.2	149.5	0.50	2.39	9.2	0.198	1.64	4.0
M358567		2.0	4.5	<0.002	<0.01	0.06	0.5	1	0.2	40.1	<0.05	<0.05	<0.2	<0.005	0.03	0.4
M358568		19.1	94.3	0.002	2.35	45.1	10.5	2	5.4	117.0	0.56	2.74	11.0	0.215	1.97	5.2
M358569		69.0	98.2	<0.002	2.28	11.50	10.3	2	6.0	160.0	0.55	1.12	11.2	0.213	1.72	3.9
M358570		59.2	103.5	<0.002	2.43	10.80	10.5	2	5.7	153.5	0.55	1.17	12.1	0.215	1.75	4.1
M358571		28.1	93.9	<0.002	2.57	7.56	10.6	2	5.4	193.5	0.54	1.37	11.5	0.208	1.38	4.1
M358572		17.6	110.0	<0.002	3.69	5.05	10.8	2	4.9	178.0	0.57	0.95	12.0	0.213	1.44	3.9
M358573		2790	160.5	<0.002	4.61	82.2	8.5	2	7.9	87.9	0.47	0.31	9.8	0.178	2.24	5.0
M358574		24.3	93.3	<0.002	3.23	2.46	10.4	2	5.1	195.0	0.56	0.74	9.8	0.213	1.60	3.5
M358575		114.5	99.2	<0.002	2.35	8.92	10.6	2	7.7	190.0	0.58	5.26	10.2	0.226	2.21	3.6
M358576		86.8	111.5	<0.002	2.60	31.0	9.9	6	5.9	103.0	0.47	0.37	10.8	0.201	1.89	4.2
M358577		1.8	2.7	<0.002	<0.01	0.09	0.5	1	<0.2	40.6	<0.05	<0.05	<0.2	0.007	0.02	0.4
M358578		222	119.0	<0.002	2.41	4.88	10.1	2	10.1	129.5	0.56	0.31	12.4	0.206	2.00	4.3
M358579		30.9	96.9	<0.002	1.46	9.13	10.2	2	3.9	202	0.61	0.25	12.2	0.221	1.49	4.1
M358580		28.2	134.0	0.002	5.17	27.7	7.0	2	3.3	70.2	0.30	0.45	8.1	0.100	1.55	2.4
M358581		144.0	151.5	0.081	3.50	15.95	10.4	2	6.0	113.5	0.48	0.47	11.7	0.165	2.15	6.2
M358582		18.3	71.8	<0.002	1.07	11.10	10.9	1	3.4	190.5	0.62	0.26	11.7	0.213	1.47	3.9
M358583		12.2	61.5	<0.002	0.96	3.83	11.4	1	2.7	320	0.63	0.12	12.2	0.214	0.99	4.0
M358584		12.5	70.9	<0.002	0.96	4.25	11.4	1	3.0	320	0.66	0.13	13.4	0.217	1.08	4.3
M358585		13.6	67.2	0.008	2.06	4.22	11.1	2	3.6	345	0.68	0.49	12.3	0.204	1.16	3.9
M358586		9.1	72.3	0.002	0.95	3.69	25.2	2	2.8	762	0.43	0.21	8.4	0.446	1.06	2.7
M358587		15.9	75.9	0.002	2.06	5.59	25.0	2	4.2	496	0.44	0.32	9.3	0.423	1.06	3.2
M358588		15.3	99.6	0.002	4.27	3.93	13.6	3	3.8	333	0.67	0.35	13.0	0.242	1.46	4.8
M358589		12.6	56.5	0.008	5.20	4.08	10.3	2	3.8	318	0.59	0.44	10.7	0.200	1.05	4.2
M358590		13.4	63.4	<0.002	1.03	3.06	11.7	2	3.2	385	0.61	0.13	12.7	0.216	1.03	3.8
M358591		14.3	76.7	<0.002	0.74	5.75	12.6	1	3.5	211	0.66	0.12	13.9	0.235	1.09	4.3
M358592		27.0	111.0	0.003	3.69	15.40	9.8	3	4.6	381	0.50	0.34	11.9	0.174	1.74	5.1
M358593		21.2	74.0	<0.002	2.55	6.14	11.8	2	5.3	377	0.53	0.23	13.0	0.200	1.34	3.8





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 Plus Appendix Pages  
 Finalized Date: 20-SEP-2012  
 Account: ROCKHA

Project: Klaza-116

**CERTIFICATE OF ANALYSIS WH12206337**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358560		61	9.4	14.8	38	25.3	<1	
M358561		60	8.4	15.4	73	28.2	<1	
M358562		67	5.1	16.0	40	29.7	<1	
M358563		52	4.8	9.0	>10000	32.7	120	1.610
M358564		70	5.2	15.4	74	27.4	<1	
M358565		64	4.8	14.9	95	26.5	3	
M358566		60	10.4	12.2	71	22.2	3	
M358567		3	0.3	0.9	13	<0.5	<1	
M358568		66	7.6	15.7	55	23.8	<1	
M358569		62	9.6	14.1	143	24.0	<1	
M358570		60	10.6	14.3	125	24.5	2	
M358571		59	10.4	14.2	58	22.2	1	
M358572		62	18.5	13.5	47	23.6	1	
M358573		55	5.2	10.1	5330	26.0	27	
M358574		70	12.8	13.7	62	23.0	1	
M358575		66	10.3	13.5	514	22.2	3	
M358576		57	4.6	13.2	183	18.9	2	
M358577		4	0.1	0.9	16	0.5	<1	
M358578		61	10.2	14.4	408	23.5	1	
M358579		60	6.1	14.5	60	27.3	1	
M358580		53	6.5	10.2	38	13.5	1	
M358581		74	8.8	14.7	174	18.2	2	
M358582		61	4.0	13.8	42	19.7	1	
M358583		60	3.6	14.3	39	20.8	1	
M358584		63	3.9	15.5	38	22.8	1	
M358585		60	7.4	14.4	42	23.6	1	
M358586		182	6.5	19.6	71	41.4	1	
M358587		174	10.4	18.7	74	35.0	2	
M358588		92	8.8	17.6	60	22.9	1	
M358589		59	6.5	13.1	35	19.1	1	
M358590		66	2.7	14.2	42	19.8	1	
M358591		71	2.2	14.5	45	26.0	1	
M358592		65	7.3	15.6	80	19.0	1	
M358593		62	2.9	13.3	53	20.8	1	



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Project: Klaza-116

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**CERTIFICATE OF ANALYSIS WH12206337**

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



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**CERTIFICATE WH12206338**

Project: Klaza-117

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206338**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357083		4.33	<0.005	0.30	7.15	6.1	1170	1.28	0.17	3.11	0.69	37.0	9.6	13	12.60	75.2
M357084		5.56	<0.005	0.12	6.72	1.2	1130	1.28	0.11	2.84	0.35	34.9	9.1	14	8.22	39.8
M357085		2.44	<0.005	0.08	7.14	1.8	1020	1.40	0.09	2.76	0.24	40.2	9.4	12	9.49	38.9
M357086		<0.02	<0.005	0.06	7.05	1.0	1030	1.31	0.07	2.88	0.27	38.8	9.3	12	9.17	26.5
M357087		2.16	<0.005	0.10	6.01	4.6	1070	1.27	0.08	3.55	0.29	31.8	7.8	9	13.85	39.9
M357088		4.59	<0.005	0.09	7.14	2.9	1050	1.29	0.08	2.92	0.31	38.5	9.4	12	7.27	48.8
M357089		4.96	<0.005	0.07	6.93	1.4	1020	1.28	0.07	3.02	0.18	38.3	8.5	13	8.41	31.7
M357090		5.59	<0.005	0.06	7.06	2.3	1060	1.28	0.09	2.89	0.12	38.1	8.9	13	8.17	43.8
M357091		2.94	<0.005	<0.01	0.06	<5	20	0.05	0.02	19.60	0.07	1.28	1.3	<1	0.15	2.4
M357092		5.06	<0.005	0.06	7.28	2.3	1120	1.26	0.07	2.99	0.19	39.7	9.0	13	9.36	21.1
M357093		1.78	<0.005	0.07	7.10	3.1	1120	1.27	0.09	2.86	0.34	37.6	8.0	12	10.15	27.4
M357094		3.79	<0.005	0.15	7.23	18.0	1030	1.31	0.10	3.18	0.49	39.3	9.4	14	16.60	45.6
M357095		4.55	0.005	0.25	7.15	56.2	980	1.21	0.09	3.19	0.41	40.4	10.4	12	15.40	55.0
M357096		4.10	<0.005	0.05	6.96	2.7	1040	1.28	0.06	3.06	0.12	36.6	10.1	24	11.60	26.3
M357097		4.06	<0.005	0.21	7.05	10.3	1160	1.25	0.20	2.96	0.17	33.0	9.0	13	17.20	46.4
M357098		0.26	0.767	9.39	6.34	1650	840	1.39	6.32	1.79	42.2	40.3	16.6	19	16.10	108.0
M357099		4.79	<0.005	0.18	6.99	14.2	980	1.32	0.07	3.15	0.13	33.0	8.9	13	15.70	29.4
M357100		1.75	<0.005	0.27	6.73	56.2	760	1.22	0.10	3.41	0.31	31.6	10.1	10	18.60	51.0
M357101		3.18	<0.005	0.27	6.82	24.0	670	1.30	0.21	3.01	0.97	35.2	9.2	10	26.4	71.3
M357102		2.25	<0.005	0.22	7.01	37.4	760	1.07	0.17	2.74	0.29	44.4	8.0	7	21.4	92.8
M357103		2.62	<0.005	0.12	6.70	12.5	1100	1.15	0.20	2.34	0.14	34.0	6.5	9	18.65	63.1
M357104		1.23	<0.005	0.09	6.48	11.2	1100	1.10	0.17	2.31	0.11	31.9	6.5	7	16.80	58.5
M357105		1.64	<0.005	0.07	7.00	6.4	1070	1.00	0.16	2.15	0.05	35.3	7.7	9	15.10	50.0
M357106		2.17	<0.005	0.52	6.88	35.4	660	1.20	0.26	2.31	0.21	35.6	9.1	9	17.90	91.7
M357107		1.47	<0.005	0.24	6.77	32.8	420	1.10	0.21	2.37	0.19	40.6	8.2	8	18.90	60.1
M357108		3.03	<0.005	<0.01	0.10	<5	50	0.06	0.02	19.70	0.06	1.43	1.3	<1	0.23	3.4
M357109		2.07	<0.005	0.30	7.13	31.2	520	1.07	0.17	2.20	0.21	42.7	8.2	8	22.8	67.5
M357110		1.44	<0.005	0.23	7.11	37.4	590	1.25	0.19	2.72	0.22	36.9	9.2	10	22.6	111.5
M357111		2.54	<0.005	0.15	6.90	10.5	1000	1.27	0.17	2.96	0.08	32.5	8.3	10	18.85	64.2
M357112		2.04	<0.005	0.07	6.57	5.7	1140	1.12	0.09	2.63	0.06	37.9	7.3	8	15.35	43.2
M357113		2.47	0.005	0.24	6.64	37.2	760	1.13	0.14	2.96	0.45	39.1	6.4	7	17.15	21.7
M357114		0.26	2.09	23.5	5.83	3140	1380	1.26	17.70	2.11	77.6	41.7	10.6	18	14.70	431
M357115		1.86	0.007	1.13	6.58	84.7	720	1.21	0.69	2.12	1.53	37.2	7.6	7	20.1	72.6
M357116		3.04	<0.005	0.66	6.86	48.6	790	1.08	0.60	2.10	1.20	39.0	7.6	8	17.65	63.8
M357117		3.84	0.005	0.57	6.80	32.4	2630	1.11	0.25	2.90	0.50	44.3	6.7	7	19.40	21.6
M357118		2.66	0.007	1.53	6.84	141.5	760	1.27	0.79	2.35	2.45	44.9	6.2	6	20.3	28.7



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Finalized Date: 18-SEP-2012  
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Project: Klaza-117

**CERTIFICATE OF ANALYSIS WH12206338**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357083		2.85	16.15	0.15	0.7	0.042	1.94	18.7	17.5	0.82	728	3.56	1.97	8.7	5.7	520
M357084		2.78	15.95	0.17	0.6	0.039	1.90	17.5	18.0	0.85	609	2.03	1.98	8.5	4.8	490
M357085		2.87	16.30	0.16	0.7	0.030	1.92	20.2	17.7	0.85	571	0.88	2.02	8.7	4.9	490
M357086		2.84	15.70	0.17	0.6	0.030	1.92	19.5	17.4	0.84	576	0.93	2.01	8.7	5.0	490
M357087		2.26	15.75	0.17	0.6	0.032	1.80	15.3	14.1	0.49	672	5.41	1.42	8.5	4.0	460
M357088		2.87	16.70	0.16	0.7	0.029	2.05	18.5	16.7	0.90	597	39.2	2.15	9.0	4.8	510
M357089		2.65	15.80	0.15	0.6	0.028	2.06	18.5	16.9	0.98	630	117.0	2.03	8.2	4.6	490
M357090		2.81	16.35	0.17	0.6	0.028	2.10	18.2	19.0	0.99	594	70.1	2.09	8.3	5.0	520
M357091		0.42	0.26	0.28	<0.1	<0.005	0.02	0.6	0.9	11.70	189	0.53	0.01	0.4	2.0	170
M357092		2.82	16.50	0.18	0.6	0.030	2.18	19.2	18.4	1.01	630	95.4	2.17	8.5	5.0	530
M357093		2.70	15.80	0.17	0.6	0.026	2.27	18.2	15.1	0.96	577	176.0	2.02	8.2	4.8	510
M357094		2.77	16.65	0.17	0.7	0.037	2.29	19.0	13.4	0.88	674	145.5	1.83	8.8	5.3	530
M357095		3.08	16.10	0.18	0.6	0.030	2.21	20.1	18.5	1.02	953	29.5	1.35	8.4	5.2	520
M357096		2.99	16.55	0.16	0.7	0.034	2.02	16.7	14.8	1.07	703	127.5	2.05	8.9	10.1	520
M357097		2.87	16.50	0.17	0.6	0.028	1.96	16.0	17.0	0.74	634	95.0	1.73	8.2	5.1	520
M357098		4.86	15.45	0.18	1.3	0.951	2.73	20.5	26.3	0.65	1920	13.20	0.25	7.7	15.3	470
M357099		2.91	16.40	0.16	0.6	0.025	1.96	15.8	28.6	0.87	727	21.5	1.54	8.1	5.1	530
M357100		2.78	15.70	0.16	0.5	0.027	1.64	15.5	64.8	0.99	941	12.30	0.43	7.8	5.1	500
M357101		2.57	15.45	0.16	0.7	0.044	1.77	17.9	70.6	0.89	690	57.6	0.32	8.4	4.5	480
M357102		2.15	14.30	0.16	0.7	0.029	2.05	24.8	50.1	0.92	528	20.0	0.13	7.7	3.7	340
M357103		2.11	15.00	0.15	0.9	0.026	2.28	17.4	27.4	0.57	441	104.5	0.18	9.0	3.3	400
M357104		2.02	14.75	0.15	0.8	0.025	2.19	16.0	27.9	0.54	427	117.0	0.17	8.7	3.1	380
M357105		2.37	16.35	0.16	0.8	0.033	1.67	17.9	57.7	0.58	563	234	0.09	9.4	4.0	450
M357106		2.18	14.80	0.14	0.7	0.025	1.58	18.2	60.4	0.76	632	218	0.03	9.2	4.1	440
M357107		1.93	14.30	0.15	0.9	0.030	2.17	21.7	52.9	0.83	644	142.0	0.04	8.7	3.4	380
M357108		0.43	0.35	0.30	<0.1	0.005	0.02	0.7	1.3	11.75	189	1.34	0.01	0.4	2.0	160
M357109		2.12	14.25	0.18	0.8	0.035	2.47	22.7	36.2	0.77	680	204	0.04	8.8	3.4	400
M357110		2.30	15.50	0.19	1.0	0.036	1.90	17.5	50.3	0.83	659	29.8	0.06	11.6	4.4	580
M357111		2.48	15.25	0.18	0.7	0.023	2.30	16.3	18.5	0.72	588	46.1	1.02	8.8	3.8	440
M357112		2.30	14.20	0.18	0.8	0.019	2.19	19.7	16.0	0.64	580	9.97	1.00	8.3	3.1	400
M357113		2.12	13.90	0.17	0.9	0.021	2.17	20.3	47.4	0.71	1400	13.05	0.09	8.5	2.9	360
M357114		6.31	14.25	0.19	0.9	1.760	2.54	22.5	24.6	0.88	1840	13.40	0.04	6.0	14.8	430
M357115		1.99	14.55	0.15	1.0	0.066	2.17	19.2	72.3	0.67	1900	22.7	0.03	8.6	3.2	350
M357116		1.87	14.70	0.16	1.1	0.029	2.34	20.6	82.0	0.72	937	2.30	0.04	8.9	3.4	370
M357117		2.13	14.10	0.18	0.9	0.029	2.06	25.0	70.1	1.00	1460	1.18	0.03	8.5	3.2	360
M357118		2.78	14.30	0.17	0.9	0.126	2.69	24.4	27.3	0.82	3500	1.10	0.09	8.4	2.9	380



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Project: Klaza-117

**CERTIFICATE OF ANALYSIS WH12206338**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357083		58.4	78.0	<0.002	0.21	2.27	12.0	2	2.2	355	0.73	<0.05	10.7	0.282	0.77	1.9
M357084		28.5	64.9	<0.002	0.10	1.41	11.4	1	1.8	339	0.68	<0.05	9.2	0.269	0.65	1.6
M357085		20.6	72.0	<0.002	0.07	0.57	12.3	1	3.5	350	0.73	<0.05	11.2	0.275	0.64	2.1
M357086		21.4	70.3	<0.002	0.06	0.57	11.8	1	1.9	352	0.73	<0.05	11.3	0.275	0.65	2.0
M357087		19.0	80.1	<0.002	0.07	2.29	10.7	1	1.7	221	0.74	<0.05	9.5	0.255	0.80	3.9
M357088		17.8	72.8	0.002	0.12	0.70	12.2	1	2.2	364	0.73	<0.05	10.1	0.280	0.63	2.4
M357089		15.6	78.8	0.006	0.13	0.46	11.8	1	2.2	345	0.68	<0.05	10.2	0.272	0.67	2.6
M357090		12.9	76.5	0.004	0.17	0.53	12.4	1	2.8	358	0.65	<0.05	10.0	0.281	0.66	2.1
M357091		1.3	1.1	<0.002	<0.01	0.05	0.2	1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357092		15.4	86.8	0.006	0.13	0.68	12.2	1	2.7	375	0.66	<0.05	10.0	0.286	0.71	2.2
M357093		25.4	86.4	0.013	0.17	0.75	12.2	1	3.0	353	0.64	<0.05	9.8	0.281	0.79	3.1
M357094		39.0	91.7	0.011	0.30	1.90	12.5	1	3.0	345	0.68	0.05	9.9	0.287	0.86	3.3
M357095		21.7	98.5	0.002	0.30	4.26	13.4	2	3.0	278	0.66	<0.05	9.9	0.284	1.06	2.9
M357096		12.1	75.4	0.005	0.15	1.31	14.0	1	2.5	364	0.73	<0.05	8.5	0.295	0.73	2.1
M357097		20.5	79.5	0.004	0.24	3.39	12.3	2	2.7	334	0.63	<0.05	9.0	0.290	0.84	2.1
M357098		1330	150.5	0.002	2.93	32.9	9.2	1	6.1	148.0	0.61	0.32	11.3	0.203	2.49	5.4
M357099		12.1	66.7	<0.002	0.25	4.05	12.0	1	2.4	309	0.66	<0.05	9.1	0.294	0.93	2.5
M357100		16.7	58.2	<0.002	0.39	13.85	12.2	1	2.7	165.5	0.65	<0.05	8.5	0.277	1.15	6.7
M357101		35.6	59.5	0.005	0.29	18.25	11.3	1	2.6	169.0	0.65	<0.05	10.7	0.263	1.14	5.0
M357102		13.7	81.7	0.002	0.32	19.45	8.4	1	2.8	154.0	0.70	<0.05	14.6	0.194	1.09	4.8
M357103		14.2	79.4	0.009	0.21	17.80	8.6	1	1.6	128.5	0.84	<0.05	11.9	0.227	0.95	2.8
M357104		13.7	72.2	0.009	0.19	14.00	8.5	1	1.5	127.0	0.81	<0.05	11.4	0.217	0.85	2.4
M357105		11.7	54.4	0.015	0.19	19.15	9.9	1	1.9	131.0	0.74	<0.05	12.1	0.244	0.66	1.8
M357106		9.4	54.8	0.017	0.44	38.9	10.2	1	1.9	118.0	0.80	<0.05	11.7	0.241	0.98	2.9
M357107		12.2	82.4	0.015	0.32	16.95	9.2	1	1.7	119.0	0.81	<0.05	14.4	0.217	1.37	4.1
M357108		1.4	1.4	<0.002	<0.01	0.11	0.2	1	<0.2	48.6	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M357109		18.2	83.5	0.023	0.46	18.25	8.6	1	2.0	103.5	0.73	<0.05	13.7	0.235	1.54	6.2
M357110		14.5	53.7	0.003	0.35	40.2	10.9	2	2.6	167.5	1.00	<0.05	12.0	0.258	1.00	10.2
M357111		11.1	80.0	0.004	0.23	7.65	9.7	1	2.1	234	0.76	<0.05	10.1	0.251	0.97	2.9
M357112		12.0	79.9	<0.002	0.14	9.44	9.1	1	2.7	233	0.66	<0.05	11.6	0.232	0.84	2.5
M357113		18.3	71.9	<0.002	0.24	15.85	8.2	1	1.2	129.0	0.92	<0.05	13.7	0.210	1.18	4.5
M357114		2820	155.5	<0.002	4.64	88.0	8.5	2	8.1	90.2	0.47	0.37	10.0	0.176	2.32	5.4
M357115		89.5	68.7	0.003	0.41	22.5	8.3	1	2.9	135.0	0.82	0.05	13.9	0.213	1.37	9.6
M357116		77.4	75.1	0.002	0.40	17.20	8.9	1	2.2	155.0	0.78	0.06	14.3	0.226	1.38	4.9
M357117		28.2	86.3	<0.002	0.34	10.90	9.1	1	1.5	196.0	0.73	<0.05	15.1	0.202	1.45	4.9
M357118		285	134.0	<0.002	0.35	18.80	8.7	1	2.8	128.5	0.76	0.11	15.0	0.212	1.98	6.2



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**CERTIFICATE OF ANALYSIS WH12206338**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357083		86	10.2	15.2	72	14.8	<1
M357084		83	5.9	12.6	58	13.2	<1
M357085		85	3.6	14.5	47	13.6	<1
M357086		88	3.3	14.4	48	13.2	<1
M357087		78	10.8	13.5	50	13.8	<1
M357088		87	47.0	14.5	48	13.6	<1
M357089		83	73.1	14.9	44	13.1	<1
M357090		89	73.6	14.8	43	12.8	<1
M357091		2	0.3	0.8	15	<0.5	<1
M357092		91	57.8	15.3	43	13.7	<1
M357093		88	155.5	14.2	48	13.0	<1
M357094		91	102.5	14.9	61	14.1	<1
M357095		91	38.3	16.2	63	13.0	<1
M357096		96	53.1	16.2	46	13.8	<1
M357097		93	61.3	13.7	46	12.8	<1
M357098		55	5.2	11.4	2840	38.4	9
M357099		94	21.4	13.4	45	12.3	<1
M357100		87	18.5	13.9	56	11.4	<1
M357101		82	32.9	12.7	72	14.8	<1
M357102		55	35.3	11.9	50	19.4	<1
M357103		62	36.0	10.7	34	22.4	<1
M357104		61	39.8	10.2	31	21.3	<1
M357105		71	73.7	11.5	35	21.1	<1
M357106		69	76.9	12.5	46	16.3	<1
M357107		63	41.8	11.3	45	24.2	<1
M357108		3	0.5	1.0	13	0.8	<1
M357109		67	57.6	12.4	45	20.6	<1
M357110		75	72.6	14.8	51	22.3	<1
M357111		76	40.5	11.6	35	16.3	<1
M357112		66	26.1	10.9	33	22.4	<1
M357113		58	26.5	11.5	59	23.1	<1
M357114		54	5.0	9.6	5150	25.9	25
M357115		58	13.5	10.2	131	27.1	1
M357116		63	9.1	10.1	124	30.2	1
M357117		58	6.8	11.9	60	25.0	1
M357118		61	3.7	11.3	212	23.8	1



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**CERTIFICATE OF ANALYSIS WH12206338**

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





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**CERTIFICATE WH12206339**

Project: Klaza-117

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206339**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357119		5.12	<0.005	0.03	7.13	1.9	1200	1.41	0.08	2.49	0.06	47.1	6.8	9	12.90	2.8
M357120		3.63	<0.005	0.04	6.68	3.9	1130	1.56	0.11	2.58	0.07	42.4	7.0	10	13.30	6.0
M357121		4.67	<0.005	0.08	6.20	8.1	950	1.38	0.11	2.62	0.11	37.3	6.5	9	17.70	4.9
M357122		2.89	<0.005	0.06	6.36	7.0	830	1.32	0.11	2.32	0.14	38.3	6.1	7	18.65	5.2
M357123		4.33	<0.005	0.25	6.36	17.6	540	1.23	0.22	1.98	0.31	45.8	6.3	8	16.55	11.3
M357124		<0.02	<0.005	0.26	6.40	17.5	540	1.21	0.23	2.03	0.30	46.0	6.3	8	16.35	11.3
M357125		4.63	<0.005	0.26	6.33	9.9	840	1.45	0.40	2.56	0.34	36.2	6.8	8	16.40	17.9
M357126		1.80	<0.005	0.23	6.14	15.0	450	1.33	0.15	3.27	0.23	43.7	6.4	9	15.75	8.1
M357127		4.42	<0.005	0.12	6.45	10.9	680	1.40	0.16	2.50	0.23	42.4	6.1	8	18.25	10.7
M357128		2.28	0.007	0.84	6.23	49.3	810	1.39	0.50	2.30	8.48	38.1	6.2	8	15.20	55.0
M357129		5.66	<0.005	0.17	6.14	9.5	1360	1.43	0.28	2.61	0.30	38.5	6.2	8	13.70	26.6
M357130		0.26	0.805	11.15	6.37	1610	610	1.58	6.13	1.86	39.7	42.1	16.5	18	15.30	112.5
M357131		3.65	0.005	1.19	6.28	49.8	720	1.44	0.25	2.49	1.26	44.1	5.5	8	15.35	24.7
M357132		1.56	0.012	1.07	4.00	65.3	2810	1.10	0.23	6.14	3.77	29.1	4.0	5	12.25	6.4
M357133		2.08	0.025	1.64	4.36	136.0	980	1.11	0.10	4.29	6.91	32.6	4.6	4	12.35	10.0
M357134		2.28	<0.005	0.70	6.24	18.4	580	1.18	0.06	2.59	0.31	43.7	6.3	7	16.95	12.9
M357135		3.53	<0.005	0.61	6.50	16.9	4950	1.27	0.06	3.47	0.43	43.6	6.5	8	14.20	26.5
M357136		3.60	<0.005	0.17	6.31	11.2	1060	1.43	0.08	2.35	0.14	36.8	5.7	8	14.90	11.8
M357137		1.69	<0.005	0.20	6.48	10.9	880	1.38	0.09	2.41	0.12	41.0	5.8	8	16.20	13.9
M357138		5.25	<0.005	0.68	5.89	18.4	6560	1.14	0.10	3.05	0.53	41.0	5.2	7	16.70	12.9
M357139		3.11	<0.005	0.31	6.11	16.2	1230	1.23	0.21	2.79	0.32	41.2	5.0	6	18.85	6.6
M357140		1.89	<0.005	0.41	6.52	19.8	520	1.33	0.50	2.40	0.16	44.2	5.9	7	19.25	11.8
M357141		3.19	<0.005	0.19	7.32	4.9	1670	1.13	0.57	1.62	0.15	47.8	5.9	8	16.35	13.0
M357142		2.42	<0.005	1.70	8.21	10.6	1120	1.49	16.30	6.61	0.41	43.7	9.2	5	28.2	3.2
M357143		3.75	<0.005	0.05	0.11	<5	30	0.09	0.06	20.2	0.06	1.36	0.6	<1	0.31	1.8
M357144		5.20	<0.005	0.26	6.96	7.8	680	1.31	0.98	2.51	0.40	51.2	5.1	7	20.8	11.2
M357145		4.98	<0.005	0.23	6.71	13.6	1140	1.24	0.10	2.39	0.42	41.4	5.4	9	14.95	15.4
M357146		2.38	1.725	35.9	6.16	7080	580	1.10	1.02	2.40	85.6	40.6	4.7	6	15.90	659
M357147		3.18	<0.005	0.20	0.05	10	50	<0.05	0.02	20.0	0.14	1.19	0.5	<1	0.14	2.3
M357148		3.03	<0.005	0.35	6.70	24.0	850	1.20	0.23	2.41	1.11	36.7	4.8	7	18.50	10.9
M357149		2.89	<0.005	1.21	6.70	20.6	750	1.24	0.49	2.90	0.59	44.8	6.0	6	22.6	25.2
M357150		2.11	<0.005	0.43	6.34	25.8	460	1.25	0.27	3.29	0.46	43.6	6.3	6	40.0	24.3
M357151		3.38	<0.005	0.18	6.23	9.2	1770	1.35	0.24	2.91	0.24	35.7	5.9	6	22.8	16.9
M357152		0.26	0.740	10.40	6.80	1700	1430	1.39	6.81	1.93	41.6	49.3	16.0	19	17.30	108.5
M357153		5.77	<0.005	0.21	6.72	3.6	1740	1.55	0.15	2.19	0.14	44.2	4.7	9	14.50	10.8
M357154		5.91	<0.005	0.11	6.77	2.2	1710	1.56	0.20	2.55	0.15	40.0	4.3	10	14.15	8.8



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**CERTIFICATE OF ANALYSIS WH12206339**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357119		2.57	16.70	0.15	0.9	0.022	2.47	24.3	15.6	0.67	528	0.40	2.05	9.8	3.5	410
M357120		2.45	17.05	0.15	0.8	0.020	2.47	21.4	23.1	0.68	560	0.47	1.99	10.0	3.7	390
M357121		2.33	15.75	0.14	0.9	0.022	2.27	18.3	52.0	0.69	575	0.41	0.95	8.8	3.6	360
M357122		2.10	15.85	0.14	0.9	0.022	2.11	19.4	68.4	0.63	510	0.39	0.73	8.5	3.2	370
M357123		1.85	14.70	0.15	0.9	0.027	2.06	24.5	80.7	0.66	625	189.5	0.10	8.7	3.3	350
M357124		1.93	15.05	0.14	1.0	0.025	2.07	24.5	83.9	0.67	637	187.0	0.10	8.7	3.4	360
M357125		2.32	15.55	0.15	1.0	0.029	2.30	18.2	34.2	0.72	662	17.75	0.91	8.9	3.4	360
M357126		2.15	15.25	0.15	0.9	0.021	2.20	22.8	55.2	0.88	780	68.8	0.04	8.3	3.5	340
M357127		2.16	15.45	0.15	1.0	0.029	2.37	21.8	38.6	0.77	722	43.2	0.13	8.6	3.3	360
M357128		2.03	15.75	0.15	1.0	0.112	2.49	19.2	32.4	0.66	1130	3.69	0.13	8.8	3.2	360
M357129		2.23	15.20	0.14	1.0	0.042	1.67	19.1	79.5	0.74	720	7.39	0.59	8.7	3.2	360
M357130		5.18	16.20	0.19	1.2	0.902	2.82	21.5	26.4	0.69	1920	13.25	0.26	7.6	15.7	460
M357131		2.43	14.70	0.15	0.9	0.133	1.99	23.5	67.4	0.86	1760	4.55	0.04	8.2	3.0	340
M357132		3.47	9.60	0.14	0.5	0.137	1.84	16.5	17.3	2.19	4400	9.03	0.02	4.8	2.8	190
M357133		2.65	10.75	0.14	0.6	0.060	2.01	18.4	25.6	1.47	3010	8.64	0.02	5.3	2.8	210
M357134		1.89	14.15	0.13	0.8	0.019	2.24	24.1	206	0.86	961	4.29	0.04	7.9	3.2	330
M357135		2.35	14.90	0.13	0.9	0.020	1.51	23.8	155.0	1.11	1100	9.15	0.15	8.8	3.4	390
M357136		2.16	15.85	0.14	0.9	0.018	2.18	18.5	94.9	0.69	646	0.61	0.29	8.7	3.1	380
M357137		2.20	15.45	0.15	0.9	0.018	2.26	20.9	84.5	0.73	705	0.60	0.28	8.8	3.2	380
M357138		2.08	13.20	0.14	0.8	0.025	2.05	22.3	158.5	1.01	1100	5.03	0.04	7.6	3.2	320
M357139		1.92	13.30	0.14	0.8	0.020	2.33	23.3	134.5	0.97	923	1.39	0.04	7.3	2.9	310
M357140		2.21	15.50	0.15	0.9	0.022	2.66	23.7	121.0	0.88	922	3.19	0.04	8.7	3.5	340
M357141		2.33	15.75	0.13	1.0	0.038	2.23	23.9	57.6	0.70	732	0.98	0.56	8.4	3.0	420
M357142		5.01	29.1	0.20	1.4	0.924	3.93	19.7	26.4	0.80	2470	0.23	0.18	10.4	4.1	550
M357143		0.46	0.36	0.11	<0.1	0.012	0.04	0.7	1.5	12.40	202	0.11	0.02	0.3	1.6	200
M357144		2.23	14.55	0.17	1.0	0.071	3.00	25.7	27.3	0.86	960	3.57	0.05	8.3	2.7	350
M357145		2.29	14.55	0.17	1.1	0.033	2.52	19.4	29.6	0.63	577	1.64	1.36	8.0	3.2	380
M357146		5.38	12.10	0.15	0.9	1.320	2.49	21.5	22.0	0.65	1950	2.27	0.23	6.6	2.2	300
M357147		0.43	0.18	0.08	<0.1	0.013	0.02	0.6	1.1	12.35	192	0.13	<0.01	0.1	1.6	160
M357148		2.20	13.85	0.13	1.0	0.045	2.43	17.3	44.1	0.58	1000	0.69	0.64	7.8	2.5	360
M357149		2.45	14.30	0.15	1.0	0.064	2.78	21.3	27.4	0.81	1920	13.95	0.41	7.9	2.9	340
M357150		2.09	13.80	0.16	1.2	0.034	2.81	22.1	21.3	0.83	1480	101.5	0.04	7.1	2.6	360
M357151		2.20	14.85	0.15	1.4	0.030	2.82	17.2	15.3	0.66	866	1.42	0.69	6.7	2.0	450
M357152		5.22	15.65	0.18	1.6	0.840	2.89	23.9	24.9	0.70	2000	12.80	0.26	7.3	15.0	490
M357153		1.93	15.10	0.16	1.6	0.026	2.93	21.7	19.0	0.50	501	1.81	1.92	7.3	1.9	380
M357154		1.92	14.70	0.15	1.7	0.024	2.96	19.9	11.4	0.47	582	2.67	1.80	7.0	1.8	360



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**CERTIFICATE OF ANALYSIS WH12206339**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357119		12.6	99.3	<0.002	0.02	1.49	10.4	1	1.1	333	0.84	<0.05	15.4	0.234	0.60	2.8
M357120		12.7	99.2	<0.002	0.04	4.26	10.0	1	1.0	320	0.88	<0.05	13.9	0.226	0.64	2.8
M357121		13.3	75.6	<0.002	0.07	4.66	9.1	1	0.9	232	0.87	<0.05	14.0	0.212	0.80	3.0
M357122		15.3	69.7	<0.002	0.06	5.41	9.3	1	1.0	210	0.81	<0.05	14.1	0.211	0.73	3.3
M357123		24.8	84.9	0.048	0.28	12.65	8.5	1	1.0	123.0	0.87	<0.05	15.7	0.194	1.09	4.6
M357124		25.8	83.8	0.048	0.28	12.20	8.7	1	1.0	123.5	0.88	<0.05	16.7	0.198	1.09	4.7
M357125		33.6	74.9	0.004	0.51	7.23	9.1	1	1.1	233	0.87	0.06	13.8	0.212	1.01	3.8
M357126		18.2	77.4	0.013	0.22	9.84	9.3	1	1.0	156.0	0.80	<0.05	14.2	0.203	1.36	4.0
M357127		17.6	96.1	0.015	0.20	16.90	8.7	1	1.1	116.0	0.84	<0.05	14.3	0.203	1.37	4.8
M357128		286	101.0	0.002	0.24	17.00	8.9	1	1.2	110.5	0.86	<0.05	13.7	0.198	1.44	6.1
M357129		27.5	56.1	<0.002	0.21	11.55	9.0	1	1.1	189.5	0.88	<0.05	13.5	0.203	0.87	3.9
M357130		1340	158.0	0.002	2.92	33.0	9.8	2	5.8	148.5	0.62	0.69	11.6	0.196	2.44	5.1
M357131		154.0	87.5	0.002	0.25	15.70	8.6	1	1.3	99.9	0.82	<0.05	15.0	0.196	1.30	5.8
M357132		241	110.5	<0.002	0.33	13.50	5.7	1	0.8	114.0	0.44	<0.05	10.1	0.120	1.26	4.3
M357133		803	139.5	0.002	0.50	18.45	6.3	1	0.8	162.5	0.51	<0.05	9.8	0.126	1.49	8.1
M357134		15.5	93.6	0.002	0.27	28.8	8.3	1	0.9	133.5	0.80	<0.05	13.9	0.189	1.22	6.9
M357135		22.9	56.4	0.003	0.28	17.10	9.0	1	0.9	246	0.78	<0.05	14.4	0.207	0.87	4.4
M357136		28.8	72.5	<0.002	0.10	16.15	9.2	1	1.0	169.0	0.83	<0.05	13.7	0.210	1.15	4.0
M357137		13.3	84.1	<0.002	0.11	16.00	9.5	1	1.1	160.5	0.88	<0.05	14.6	0.211	1.23	4.5
M357138		65.3	81.5	0.002	0.37	9.62	7.8	1	0.8	174.0	0.83	<0.05	14.8	0.180	1.29	5.2
M357139		21.6	112.5	<0.002	0.22	13.25	7.7	1	0.8	135.5	0.71	<0.05	14.3	0.178	1.55	5.3
M357140		14.9	125.5	<0.002	0.18	6.42	8.8	1	1.0	110.0	0.84	<0.05	14.8	0.197	1.91	5.0
M357141		17.2	103.5	<0.002	0.10	7.15	8.9	1	1.2	133.0	0.71	<0.05	16.2	0.229	1.23	3.0
M357142		22.5	117.0	<0.002	0.34	8.63	9.1	1	26.4	245	1.02	<0.05	14.8	0.300	2.93	18.9
M357143		2.1	2.2	<0.002	0.01	0.07	0.2	<1	0.2	48.3	<0.05	<0.05	0.2	<0.005	0.03	0.7
M357144		9.4	163.0	<0.002	0.08	9.34	7.9	1	1.3	88.4	0.76	<0.05	17.6	0.197	2.09	4.8
M357145		37.4	92.9	<0.002	0.04	5.17	7.9	1	1.1	249	0.76	<0.05	13.4	0.219	1.12	2.7
M357146		7700	132.0	0.002	3.87	103.0	6.5	1	1.4	116.0	0.67	<0.05	15.2	0.169	1.68	4.6
M357147		7.6	1.1	<0.002	<0.01	0.18	0.2	<1	0.2	49.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357148		84.6	85.1	<0.002	0.16	6.54	7.2	1	1.1	197.0	0.76	<0.05	13.6	0.206	1.25	5.0
M357149		76.5	124.0	0.003	0.16	11.35	7.8	1	1.5	158.5	0.83	<0.05	15.0	0.198	1.72	4.2
M357150		52.1	144.0	0.007	0.18	16.35	7.4	1	1.2	115.0	0.63	<0.05	15.8	0.184	2.05	4.7
M357151		14.9	123.5	<0.002	0.06	11.75	8.0	1	1.3	163.5	0.61	<0.05	11.7	0.199	1.81	3.7
M357152		1360	168.0	<0.002	3.04	34.5	9.1	1	6.2	149.0	0.62	0.34	13.0	0.209	2.51	5.5
M357153		20.4	120.5	<0.002	0.02	4.90	7.0	1	1.3	284	0.77	<0.05	16.4	0.173	1.04	5.0
M357154		19.9	122.5	<0.002	0.03	5.66	6.6	1	1.2	282	0.79	<0.05	17.0	0.166	1.26	3.7



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**CERTIFICATE OF ANALYSIS WH12206339**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357119		70	1.4	13.7	41	20.2	1
M357120		68	1.1	12.8	40	20.9	<1
M357121		64	2.9	11.6	42	20.7	<1
M357122		63	2.0	11.0	42	20.0	<1
M357123		57	5.9	11.4	54	22.2	1
M357124		59	6.0	11.4	56	23.0	1
M357125		64	3.7	10.7	73	24.0	1
M357126		59	5.1	11.6	65	23.1	<1
M357127		61	4.1	10.7	62	23.9	<1
M357128		59	3.8	11.1	976	25.5	1
M357129		60	4.8	10.9	79	25.6	1
M357130		55	5.2	11.6	2910	34.6	10
M357131		57	4.8	11.2	138	22.3	1
M357132		42	3.6	9.6	346	14.1	2
M357133		44	3.4	9.9	681	14.6	2
M357134		55	11.1	10.4	50	20.2	1
M357135		59	9.5	12.8	84	22.1	1
M357136		63	6.4	10.2	52	21.7	<1
M357137		63	5.6	10.8	49	21.8	1
M357138		51	11.8	11.2	84	19.2	1
M357139		53	6.7	10.2	62	20.0	1
M357140		59	5.6	11.2	50	22.4	1
M357141		64	3.0	11.2	51	24.9	<1
M357142		123	4.5	14.2	114	31.9	2
M357143		3	0.1	0.9	15	<0.5	<1
M357144		54	3.2	12.2	68	25.3	1
M357145		63	2.3	10.0	72	25.2	<1
M357146		49	3.7	8.9	9170	20.6	38
M357147		2	0.1	0.8	25	<0.5	<1
M357148		58	3.6	9.6	138	24.0	1
M357149		56	10.4	10.6	72	24.6	2
M357150		52	14.4	11.2	55	28.9	<1
M357151		53	2.7	11.2	62	31.4	1
M357152		58	5.1	12.6	2980	39.6	11
M357153		45	2.8	12.6	39	41.5	<1
M357154		43	1.5	11.6	37	37.4	1



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



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**CERTIFICATE WH12206360**

Project: Klaza-117

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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North Vancouver BC V7H 0A7  
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To: ROCKHAVEN RESOURCES LTD.  
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Plus Appendix Pages  
Finalized Date: 21-SEP-2012  
Account: ROCKHA

Project: Klaza-117

**CERTIFICATE OF ANALYSIS WH12206360**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M357155		4.66	<0.005	0.09	7.64	2.4	2000	1.46	0.16	2.78	0.12	46.2	8.5	12	13.05	7.9
M357156		1.87	<0.005	0.05	7.40	1.3	1940	1.36	0.12	2.59	0.10	44.0	8.3	14	12.45	7.3
M357157		2.27	<0.005	0.20	6.83	17.1	2010	1.21	0.62	3.28	6.25	45.4	8.9	10	25.8	8.4
M357158		3.23	<0.005	0.11	7.23	6.6	1840	1.39	0.12	2.65	0.17	39.1	9.5	14	19.55	10.2
M357159		1.59	<0.005	0.10	7.24	7.3	1440	1.18	0.12	3.10	0.21	49.7	8.5	8	19.85	6.0
M357160		0.26	0.760	10.15	6.97	1870	400	1.95	6.12	1.91	45.3	47.9	18.0	20	18.95	114.0
M357161		2.14	<0.005	0.49	6.82	11.0	1850	1.37	3.61	3.80	0.19	42.2	9.5	9	27.1	43.7
M357162		4.99	<0.005	0.40	7.69	3.5	2140	1.50	0.80	3.00	0.12	47.6	10.1	11	13.40	13.8
M357163		4.40	<0.005	0.15	7.62	4.2	1860	1.47	0.15	2.93	0.11	49.3	10.2	12	14.90	20.1
M357164		1.54	<0.005	0.34	6.62	21.5	1410	1.39	0.30	3.34	0.14	43.6	8.6	9	24.3	4.7
M357165		4.40	<0.005	0.01	0.06	6	20	0.05	0.02	21.3	0.06	1.10	1.3	<1	0.33	1.4
M357166		3.51	<0.005	0.27	7.54	4.3	1920	1.38	0.24	2.87	0.10	46.8	9.2	13	14.30	45.3
M357167		2.17	<0.005	0.19	6.88	7.2	1970	1.29	0.20	3.28	0.11	36.0	9.4	11	20.7	55.6
M357168		3.96	<0.005	0.18	7.62	6.6	2110	1.40	0.16	2.89	0.11	46.3	10.0	13	13.10	64.8
M357169		2.64	<0.005	0.23	7.22	16.1	1200	1.43	0.12	3.13	0.20	43.2	10.8	10	31.1	61.1
M357170		<0.02	<0.005	0.24	7.11	16.9	1200	1.45	0.11	3.08	0.18	42.1	10.3	10	30.4	61.3
M357171		4.77	<0.005	0.12	7.49	2.4	2370	1.48	0.08	2.96	0.12	46.9	9.3	10	11.90	17.4
M357172		4.58	<0.005	0.18	7.61	5.1	1980	1.55	0.25	3.13	0.12	47.7	9.6	12	16.55	25.5
M357173		4.81	<0.005	0.14	7.62	2.3	2040	1.57	0.20	2.91	0.10	52.3	9.9	11	10.95	23.5
M357174		0.26	0.827	10.25	6.79	1625	480	1.55	6.20	1.98	43.3	43.8	19.1	20	17.60	106.0
M357175		1.79	<0.005	0.14	7.66	3.5	1900	1.59	0.28	2.95	0.12	47.0	8.9	10	13.55	14.1
M357176		1.45	<0.005	0.38	6.92	3.7	1520	1.50	2.14	3.11	0.12	42.9	8.4	9	16.35	33.6
M357177		3.45	<0.005	0.37	7.51	3.5	1870	1.37	0.42	3.00	0.16	46.4	9.6	14	13.40	62.5
M357178		2.49	<0.005	0.49	7.12	16.4	1460	1.55	0.65	2.85	0.60	43.9	8.5	9	23.1	52.1
M357179		4.28	<0.005	0.01	0.11	<5	30	0.07	0.02	21.8	0.07	1.21	1.4	<1	0.65	1.4
M357180		5.08	<0.005	0.16	7.32	3.2	1860	1.49	0.16	3.26	0.12	43.1	7.9	10	14.50	13.0
M357181		5.29	<0.005	0.18	7.43	2.1	2130	1.47	0.14	3.03	0.11	45.5	9.5	11	10.70	11.2
M357182		4.52	<0.005	0.19	7.77	2.2	2350	1.56	0.11	2.75	0.14	48.8	9.3	11	8.57	15.8
M357183		4.66	<0.005	0.15	7.65	3.2	2140	1.51	0.14	3.12	0.16	46.7	9.5	13	10.00	16.7
M357184		2.55	<0.005	0.14	7.75	3.4	2260	1.62	0.15	3.08	0.17	45.3	10.5	10	10.05	18.0
M357185		4.55	<0.005	0.23	7.65	3.4	2400	1.59	0.23	2.81	0.26	52.2	10.3	12	8.99	72.9
M357186		4.60	<0.005	1.06	7.88	141.5	2340	1.67	0.74	2.93	0.72	50.6	14.2	10	9.13	308
M357187		5.27	<0.005	0.38	7.62	13.3	2350	1.56	0.61	3.21	0.58	45.4	12.4	12	11.20	151.5
M357188		4.20	<0.005	0.35	7.72	9.1	2270	1.64	0.40	3.16	0.42	46.5	12.4	10	10.70	107.0
M357189		5.20	<0.005	0.59	7.78	2.6	2210	1.68	0.27	3.37	0.30	46.2	10.9	14	8.93	87.3
M357190		5.31	<0.005	0.12	7.63	1.9	2170	1.70	0.09	3.29	0.13	47.9	10.7	12	9.55	16.7





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Plus Appendix Pages  
Finalized Date: 21-SEP-2012  
Account: ROCKHA

Project: Klaza-117

**CERTIFICATE OF ANALYSIS WH12206360**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357155		2.77	17.95	0.15	1.4	0.029	2.58	25.3	12.8	0.77	551	1.30	2.25	8.4	2.9	560
M357156		2.79	17.35	0.15	1.2	0.030	2.45	24.4	10.7	0.73	552	2.30	2.20	7.7	2.9	560
M357157		2.64	16.00	0.14	1.1	0.031	2.69	25.5	32.9	1.00	1060	14.30	0.28	6.7	2.6	520
M357158		3.01	17.65	0.15	1.2	0.033	2.59	19.7	19.3	0.84	625	1.59	1.48	8.2	3.1	590
M357159		2.96	16.45	0.16	1.2	0.034	2.11	27.7	59.7	1.10	864	2.33	0.07	7.7	2.7	590
M357160		5.31	15.90	0.16	1.5	1.025	3.00	25.4	30.9	0.70	2090	13.70	0.28	7.6	16.6	520
M357161		3.14	17.45	0.18	1.1	0.040	2.48	22.4	28.4	1.09	1070	3.07	0.35	7.6	3.0	560
M357162		3.35	18.40	0.16	1.2	0.046	2.53	24.6	12.3	0.95	772	1.43	2.19	8.7	3.2	650
M357163		3.31	18.60	0.18	1.2	0.046	2.70	25.4	14.7	0.89	709	2.84	1.93	8.9	3.2	670
M357164		2.70	16.15	0.16	1.0	0.042	2.73	24.1	28.4	1.02	1620	8.18	0.21	6.6	2.7	540
M357165		0.47	0.24	0.09	<0.1	0.005	0.04	0.5	1.0	12.75	208	<0.05	0.01	0.3	3.1	170
M357166		3.03	17.90	0.16	1.1	0.037	2.45	24.8	15.4	0.83	648	2.74	1.97	8.0	2.9	620
M357167		3.02	17.15	0.16	1.0	0.034	2.42	18.0	10.9	0.92	636	2.08	1.80	8.0	2.9	610
M357168		3.15	17.85	0.16	1.2	0.038	2.49	23.8	24.1	0.90	603	2.09	2.21	8.5	3.1	650
M357169		2.82	18.30	0.15	1.0	0.034	2.25	22.5	57.2	0.86	720	3.06	0.64	8.0	3.2	620
M357170		2.79	17.70	0.15	1.1	0.033	2.21	22.1	58.1	0.84	708	3.22	0.64	7.7	3.1	600
M357171		3.13	18.10	0.15	1.1	0.034	2.38	24.7	19.5	0.92	664	1.43	2.24	8.1	3.2	650
M357172		3.09	18.65	0.15	1.2	0.035	2.47	24.9	20.2	0.89	677	1.97	2.03	8.3	3.2	650
M357173		3.21	18.10	0.16	1.2	0.031	2.44	27.5	13.8	0.91	602	2.82	2.17	8.2	3.1	650
M357174		5.52	17.00	0.19	1.3	0.999	2.79	23.1	23.7	0.72	2110	14.50	0.27	7.7	16.8	520
M357175		3.18	18.85	0.17	1.1	0.031	2.51	24.5	29.6	0.86	635	0.86	1.90	8.0	3.1	640
M357176		2.63	17.95	0.15	0.9	0.032	2.33	22.6	15.5	0.85	663	36.3	1.76	7.1	2.9	560
M357177		3.09	18.25	0.16	1.0	0.034	2.44	24.2	12.7	0.89	593	2.53	1.98	7.5	3.0	660
M357178		2.91	18.00	0.15	0.9	0.035	2.70	23.4	29.1	0.92	742	4.50	0.60	7.5	3.1	640
M357179		0.50	0.34	0.08	<0.1	<0.005	0.04	0.6	1.3	13.10	226	0.97	0.01	0.3	3.2	190
M357180		2.94	18.25	0.15	1.0	0.040	2.34	21.8	19.6	0.85	691	0.96	2.14	8.0	3.2	680
M357181		3.18	18.10	0.16	1.2	0.036	2.33	23.5	15.6	0.92	617	1.60	2.27	8.0	3.1	660
M357182		3.15	18.50	0.15	1.2	0.038	2.38	25.9	18.5	1.01	625	0.84	2.49	7.9	3.1	660
M357183		3.34	18.55	0.15	1.1	0.041	2.45	24.6	15.9	0.91	756	1.43	2.32	7.9	3.1	680
M357184		3.47	19.10	0.15	1.1	0.040	2.51	23.4	15.9	0.93	766	1.26	2.37	7.9	3.3	690
M357185		3.22	18.70	0.14	1.0	0.039	2.30	26.7	19.2	1.03	681	4.88	2.42	8.2	3.5	690
M357186		3.37	18.80	0.16	1.0	0.062	2.33	27.2	21.4	0.87	634	6.68	2.23	8.2	3.4	700
M357187		3.57	19.45	0.16	0.9	0.049	2.16	21.9	19.2	1.09	646	3.11	2.16	8.2	3.5	740
M357188		3.57	19.40	0.16	0.9	0.048	2.15	22.8	22.2	1.11	661	5.59	2.30	8.4	3.3	750
M357189		3.60	18.70	0.17	0.9	0.050	2.19	23.3	21.3	1.15	715	4.86	2.32	8.3	3.3	740
M357190		3.44	19.10	0.17	1.2	0.037	2.36	24.0	20.5	1.04	726	3.55	2.30	8.5	3.3	700



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**CERTIFICATE OF ANALYSIS WH12206360**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357155		16.3	110.5	<0.002	0.02	1.45	11.4	1	1.3	395	0.78	<0.05	14.1	0.244	1.00	2.9
M357156		15.0	100.5	<0.002	0.03	0.96	11.4	1	1.5	392	0.64	<0.05	14.0	0.249	0.92	2.5
M357157		123.5	149.0	0.003	0.24	9.54	10.5	1	1.4	162.5	0.60	<0.05	12.5	0.220	1.69	6.0
M357158		14.5	108.5	<0.002	0.08	3.65	11.8	1	1.5	313	0.72	<0.05	10.9	0.261	1.26	2.2
M357159		14.5	109.0	<0.002	0.09	13.70	12.6	1	1.6	150.0	0.67	<0.05	13.6	0.251	1.25	3.7
M357160		1415	167.5	0.002	3.21	35.6	9.8	2	6.3	162.0	0.69	0.31	13.4	0.219	2.69	5.7
M357161		14.3	110.0	<0.002	0.09	42.8	11.5	1	1.9	184.0	0.64	0.15	11.7	0.250	1.47	3.9
M357162		15.2	104.5	<0.002	0.05	2.41	13.4	1	1.9	419	0.77	<0.05	12.6	0.289	1.02	3.2
M357163		13.8	130.0	<0.002	0.07	3.19	14.5	1	1.8	366	0.74	<0.05	12.6	0.298	1.14	3.1
M357164		15.6	146.0	0.003	0.26	26.0	11.6	1	1.6	148.5	0.51	<0.05	12.3	0.230	1.84	11.0
M357165		1.2	2.8	<0.002	<0.01	<0.05	0.2	1	<0.2	51.0	<0.05	<0.05	0.2	<0.005	0.02	0.8
M357166		14.3	104.0	<0.002	0.15	5.54	12.6	2	1.6	380	0.65	<0.05	12.6	0.268	1.07	2.5
M357167		14.0	93.7	<0.002	0.19	8.10	12.2	2	1.7	346	0.65	<0.05	9.9	0.274	1.10	3.7
M357168		14.2	99.7	<0.002	0.18	1.63	13.0	2	1.9	421	0.73	<0.05	12.7	0.288	1.02	3.2
M357169		14.8	89.4	<0.002	0.21	21.7	12.2	2	1.7	258	0.69	<0.05	10.9	0.273	1.27	6.9
M357170		14.6	85.6	<0.002	0.22	22.5	11.9	2	1.7	255	0.68	<0.05	10.9	0.270	1.28	6.7
M357171		14.1	89.4	<0.002	0.05	1.43	12.9	1	1.7	440	0.69	<0.05	12.0	0.278	0.94	3.0
M357172		15.8	97.5	<0.002	0.09	9.46	13.1	1	2.0	418	0.69	<0.05	12.7	0.277	1.03	3.5
M357173		15.3	96.6	<0.002	0.10	1.65	13.0	1	2.0	421	0.70	<0.05	13.9	0.277	0.97	3.4
M357174		1420	157.5	<0.002	3.15	34.9	9.6	2	6.3	153.5	0.66	0.29	11.0	0.217	2.55	5.1
M357175		15.2	95.2	<0.002	0.11	2.78	12.7	1	1.9	378	0.66	<0.05	12.7	0.287	1.06	4.0
M357176		16.0	103.0	0.017	0.18	4.73	11.8	2	2.4	327	0.55	0.07	10.3	0.244	1.19	4.2
M357177		13.1	94.8	<0.002	0.24	2.88	12.4	2	2.2	389	0.59	<0.05	10.7	0.282	1.08	3.3
M357178		21.9	126.0	0.002	0.35	26.7	12.9	2	2.3	203	0.57	<0.05	9.5	0.272	1.65	3.0
M357179		1.3	3.7	<0.002	<0.01	0.06	0.2	1	<0.2	51.9	<0.05	<0.05	1.2	<0.005	0.02	1.7
M357180		13.8	80.1	<0.002	0.06	2.67	12.9	1	2.0	407	0.63	<0.05	9.0	0.291	1.10	2.2
M357181		16.0	83.5	<0.002	0.03	2.06	13.6	1	1.8	434	0.65	<0.05	11.5	0.283	0.91	2.9
M357182		16.5	79.7	<0.002	0.03	1.20	13.2	1	1.6	455	0.66	<0.05	12.0	0.282	0.80	3.1
M357183		16.3	80.8	<0.002	0.04	1.55	13.4	1	1.9	436	0.62	<0.05	11.6	0.285	0.89	3.3
M357184		17.1	80.3	<0.002	0.05	1.41	13.3	1	2.2	444	0.61	<0.05	11.4	0.291	0.89	3.3
M357185		15.6	85.0	<0.002	0.14	1.72	13.4	2	1.8	483	0.61	<0.05	10.2	0.294	0.99	3.1
M357186		26.6	95.9	<0.002	0.44	15.70	13.8	2	2.7	469	0.61	<0.05	10.5	0.300	1.23	7.5
M357187		12.6	82.9	<0.002	0.27	5.09	14.8	2	3.2	467	0.59	<0.05	8.8	0.315	1.03	3.7
M357188		14.3	84.6	<0.002	0.20	3.49	15.1	2	3.0	492	0.63	<0.05	9.4	0.325	1.02	2.9
M357189		14.2	84.9	<0.002	0.07	0.83	14.6	1	2.4	495	0.66	<0.05	10.1	0.321	0.90	3.3
M357190		14.5	91.8	<0.002	0.01	1.30	14.3	1	1.9	458	0.70	<0.05	11.2	0.306	0.89	3.8



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 Account: ROCKHA

Project: Klaza-117

**CERTIFICATE OF ANALYSIS WH12206360**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357155		68	1.6	15.5	39	38.1	<1
M357156		71	1.2	14.1	45	32.3	<1
M357157		65	2.7	13.3	492	28.4	<1
M357158		76	2.6	14.0	55	31.9	<1
M357159		73	4.9	16.7	66	30.9	<1
M357160		62	6.1	12.2	3200	43.7	10
M357161		78	3.2	14.7	66	30.4	1
M357162		85	2.2	16.8	50	29.8	2
M357163		90	2.9	15.9	49	31.5	<1
M357164		70	2.2	14.4	48	25.0	<1
M357165		2	0.1	0.8	16	0.5	<1
M357166		79	2.0	15.0	44	29.9	<1
M357167		80	2.9	12.7	44	26.6	<1
M357168		85	3.4	16.4	44	30.2	<1
M357169		80	3.1	15.4	53	26.4	1
M357170		79	3.1	14.8	52	27.3	<1
M357171		80	1.5	16.6	45	28.8	<1
M357172		82	2.5	15.7	45	30.5	<1
M357173		83	2.1	15.2	44	31.0	<1
M357174		61	5.6	11.2	3140	37.7	10
M357175		82	1.9	14.3	48	28.1	<1
M357176		80	2.0	13.6	39	23.4	1
M357177		86	3.3	13.5	41	24.3	1
M357178		86	3.1	12.6	73	21.2	1
M357179		2	0.1	0.9	18	0.6	<1
M357180		89	1.4	14.4	41	25.4	<1
M357181		85	1.8	16.5	43	28.4	<1
M357182		85	0.9	15.8	43	27.7	<1
M357183		85	1.4	15.9	46	28.2	<1
M357184		89	1.3	15.6	48	28.6	<1
M357185		85	2.7	15.4	48	25.6	1
M357186		86	5.1	15.3	68	27.3	1
M357187		94	3.5	15.2	52	22.3	1
M357188		94	2.2	16.4	54	22.3	<1
M357189		94	4.1	17.5	54	22.5	<1
M357190		91	2.1	17.3	54	29.8	<1



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**CERTIFICATE OF ANALYSIS WH12206360**

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



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**CERTIFICATE WH12206361**

Project: Klaza-117

P.O. No.: Batch 4

This report is for 5 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206361**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357191		4.18	0.013	0.25	6.87	6.1	2370	1.56	0.13	2.51	0.20	36.9	7.7	10	12.40	95.1
M357192		2.71	<0.005	0.26	6.52	20.9	1990	1.34	0.38	4.19	0.41	58.7	8.2	7	22.2	74.0
M357193		1.68	<0.005	0.02	0.11	<5	30	0.08	0.04	20.7	0.06	1.17	0.8	<1	0.58	2.1
M357194		2.02	0.007	0.31	6.86	5.1	1660	1.57	0.22	2.75	0.12	39.6	9.9	8	15.50	69.8
M357195		5.04	<0.005	0.27	7.45	3.5	1870	1.55	0.19	2.53	0.13	42.1	9.0	11	12.70	25.3



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**CERTIFICATE OF ANALYSIS WH12206361**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357191		2.53	14.55	0.10	1.7	0.029	2.83	18.2	20.2	0.63	486	4.37	1.66	7.3	2.4	510
M357192		2.81	13.80	0.15	1.4	0.029	2.68	33.4	30.1	1.21	881	6.85	0.46	6.9	2.6	520
M357193		0.51	0.33	0.13	<0.1	0.008	0.06	0.6	1.4	12.35	223	0.43	<0.01	0.2	2.2	160
M357194		3.32	14.75	0.14	1.4	0.037	2.44	19.6	19.8	0.86	573	2.54	1.55	7.0	2.5	570
M357195		3.35	16.20	0.15	1.4	0.034	2.58	20.3	17.8	1.04	576	1.71	1.97	7.8	2.9	640



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**CERTIFICATE OF ANALYSIS WH12206361**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357191		17.2	102.5	0.004	0.07	5.09	9.2	<1	1.2	331	0.65	<0.05	10.9	0.224	1.05	3.9
M357192		17.3	110.5	0.002	0.10	17.25	10.2	<1	1.3	250	0.66	0.06	13.1	0.235	1.45	6.5
M357193		1.3	3.2	<0.002	<0.01	0.23	0.4	<1	0.2	39.8	<0.05	<0.05	<0.2	<0.005	0.04	0.5
M357194		15.1	91.9	0.003	0.19	2.63	10.6	1	1.5	424	0.62	0.06	11.2	0.251	1.03	4.9
M357195		16.3	92.4	<0.002	0.03	1.47	11.5	1	1.5	471	0.68	<0.05	12.0	0.283	0.99	5.0





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**CERTIFICATE OF ANALYSIS    WH12206361**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
		V	W	Y	Zn	Zr	Ag
		ppm	ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5	1
M357191		65	4.7	12.2	42	50.3	1
M357192		70	3.3	14.5	59	36.9	<1
M357193		3	0.1	0.9	14	0.5	<1
M357194		75	3.1	14.4	44	36.9	1
M357195		83	3.8	14.5	48	36.1	1

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



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**CERTIFICATE OF ANALYSIS WH12206361**

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



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**CERTIFICATE WH12206362**

Project: Klaza-122

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206362**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359434		3.85	<0.005	0.07	7.26	13.3	2280	1.47	0.57	2.13	0.08	45.1	8.1	7	13.15	14.5
M359435		5.40	<0.005	0.15	7.42	20.1	2530	1.25	0.83	1.49	0.19	37.3	9.2	6	17.90	11.3
M359436		2.80	0.006	0.39	6.75	23.4	2890	1.33	0.70	1.82	0.17	38.3	9.0	5	16.35	9.0
M359437		4.22	<0.005	0.11	7.16	12.7	2020	1.43	0.49	2.63	0.13	46.9	8.9	11	13.75	10.8
M359438		5.14	<0.005	0.11	7.22	12.5	2210	1.44	0.41	2.55	0.17	47.1	9.4	11	10.45	13.5
M359439		2.95	<0.005	0.19	7.51	10.9	2330	1.41	0.38	2.93	0.16	53.7	7.9	9	12.80	22.0
M359440		5.85	<0.005	0.51	7.24	21.3	2380	1.40	0.32	2.68	0.12	48.2	8.1	9	12.90	13.7
M359441		0.26	2.38	26.3	5.80	2890	1740	1.22	20.9	2.32	84.1	50.6	10.8	19	14.90	454
M359442		8.51	<0.005	0.32	7.70	20.6	2410	1.55	0.28	2.81	0.19	51.6	8.5	11	11.80	13.7
M359443		8.37	<0.005	0.13	7.36	21.7	2340	1.50	0.33	3.05	0.20	48.1	9.3	11	13.65	24.3
M359444		3.25	<0.005	0.21	7.49	19.5	2040	1.33	0.60	2.51	0.14	43.7	12.1	8	18.25	27.0
M359445		2.55	0.121	35.2	7.00	92.8	2940	1.49	0.91	3.45	4.71	48.4	9.7	7	16.00	49.3
M359446		6.80	0.008	0.66	6.98	46.0	1940	1.34	0.48	2.64	0.14	38.2	10.3	8	18.55	67.5
M359447		<0.02	0.006	0.56	7.16	42.3	1940	1.34	0.47	2.70	0.17	41.4	10.4	8	19.45	70.4
M359448		3.13	0.005	0.44	7.28	55.2	2090	1.58	0.46	3.06	0.30	44.5	9.2	10	11.05	50.2
M359449		4.86	0.483	82.5	6.34	632	1400	1.56	3.44	2.66	19.85	49.5	11.9	5	18.10	168.0
M359450		2.10	<0.005	0.44	0.06	<5	30	0.07	0.04	22.5	0.08	1.25	0.6	<1	0.19	1.8
M359451		5.72	0.007	1.15	7.07	173.0	1380	1.18	1.30	2.53	5.32	45.0	11.8	9	11.65	75.5
M359452		3.41	0.037	6.85	7.02	238	1820	1.54	0.99	2.46	29.1	47.1	15.1	9	15.30	87.8
M359453		4.38	<0.005	0.62	7.21	29.9	2050	1.53	0.77	2.47	0.20	57.2	10.3	9	10.60	71.4
M359454		2.00	0.021	1.07	6.77	66.2	1930	1.35	1.05	3.08	0.28	40.2	9.7	10	10.35	223
M359455		2.82	<0.005	0.56	7.11	39.6	2190	1.34	0.34	2.77	2.80	48.0	8.3	9	11.35	52.3
M359456		4.49	0.006	0.65	6.96	17.5	1980	1.31	0.42	2.69	0.20	39.8	6.2	9	11.90	78.1
M359457		5.07	0.011	1.01	6.95	28.2	2220	1.43	0.74	2.57	0.26	40.3	8.0	8	13.15	204
M359458		0.26	2.32	25.7	5.67	2720	1410	1.20	20.1	2.22	81.6	45.9	10.3	17	14.50	432
M359459		3.79	0.006	0.81	7.47	89.6	1830	1.42	0.48	2.15	3.62	47.8	8.9	8	13.75	58.3
M359460		4.05	0.026	1.92	7.60	182.5	1620	1.29	0.38	1.77	3.59	50.9	8.7	7	14.85	56.9
M359461		5.45	<0.005	0.55	6.99	144.5	2210	1.59	1.47	2.71	0.82	42.7	8.5	10	14.00	40.3
M359462		2.74	0.037	6.07	6.63	212	2550	1.46	0.61	2.45	20.2	41.4	7.0	7	14.00	36.2
M359463		3.21	<0.005	0.16	0.06	<5	20	0.06	0.02	20.5	0.13	1.11	0.5	<1	0.15	2.3
M359464		3.04	0.035	1.32	7.03	113.0	1330	1.53	0.70	2.23	1.70	51.6	7.8	7	14.60	34.9
M359465		2.40	<0.005	0.21	6.94	32.4	2250	1.41	0.44	2.79	0.16	43.3	7.7	8	13.10	35.4
M359466		3.07	0.007	2.71	6.47	25.5	1860	1.26	0.34	3.15	1.62	40.9	7.1	8	16.10	39.7
M359467		5.91	<0.005	0.29	7.58	19.7	2310	1.54	0.38	2.72	0.15	49.9	7.9	9	11.40	32.8
M359468		3.30	<0.005	0.16	6.81	22.1	2080	1.53	0.36	2.99	0.14	41.2	8.3	9	11.75	20.9
M359469		2.75	<0.005	0.24	6.96	19.3	1800	1.33	0.46	2.68	0.16	42.5	8.3	8	9.08	26.6



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Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12206362**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359434		2.91	15.35	0.14	1.2	0.039	2.70	21.2	16.0	0.70	507	2.49	2.21	7.2	2.7	630
M359435		3.50	17.45	0.12	1.2	0.124	2.51	16.4	83.0	0.40	870	5.69	0.20	7.9	2.7	670
M359436		3.09	15.90	0.13	1.0	0.081	2.39	17.8	129.0	0.50	1110	6.49	0.19	6.8	2.8	570
M359437		2.89	17.00	0.11	1.2	0.054	2.60	22.8	18.1	0.80	536	5.64	2.38	8.0	2.7	630
M359438		2.93	16.45	0.11	1.3	0.074	2.71	22.4	15.6	0.82	552	6.10	2.42	7.8	2.7	600
M359439		2.98	16.65	0.10	1.4	0.041	2.57	26.6	16.7	0.82	678	2.80	2.31	7.9	2.5	620
M359440		3.11	16.80	0.09	1.4	0.036	2.62	22.0	27.0	0.86	574	2.64	2.34	8.1	2.9	620
M359441		6.59	14.90	0.10	1.0	1.620	2.79	23.8	26.2	0.93	1950	13.05	0.04	6.0	15.4	440
M359442		3.12	17.45	0.11	1.3	0.046	2.61	24.2	28.9	0.97	523	1.06	2.56	8.4	2.6	650
M359443		3.17	18.55	0.10	1.3	0.047	2.62	21.7	23.5	0.79	541	1.25	2.47	8.7	2.9	660
M359444		3.01	17.65	0.11	1.1	0.082	2.69	20.5	16.5	0.64	566	1.87	2.10	8.1	2.7	660
M359445		2.99	15.75	0.10	1.2	0.067	2.05	23.6	142.0	0.88	1340	2.06	0.08	7.4	3.0	590
M359446		2.96	16.40	0.11	1.1	0.066	2.51	17.8	24.1	0.68	698	1.30	1.32	7.7	2.4	630
M359447		3.03	16.90	0.11	1.1	0.072	2.56	19.4	25.0	0.71	718	1.89	1.32	7.7	2.4	640
M359448		3.22	18.05	0.10	1.3	0.054	2.57	20.2	23.4	0.81	995	0.98	2.05	8.7	3.3	700
M359449		5.90	14.95	0.12	1.4	0.156	2.46	23.3	40.4	0.91	3200	3.55	0.03	6.8	2.6	500
M359450		0.48	0.22	0.07	<0.1	0.009	0.02	0.6	1.3	13.45	207	0.23	0.01	0.2	1.5	190
M359451		3.13	15.55	0.11	1.5	0.041	2.77	20.7	37.3	0.64	768	10.65	0.61	7.8	2.1	600
M359452		3.00	15.80	0.11	1.5	0.063	3.18	22.1	13.2	0.68	1350	7.80	1.52	7.5	2.0	520
M359453		2.62	16.50	0.12	1.4	0.045	2.84	27.3	17.1	0.73	459	4.18	2.23	8.0	2.2	560
M359454		2.91	14.90	0.13	1.5	0.079	2.75	18.7	15.4	0.69	582	4.93	2.13	7.4	3.2	540
M359455		3.03	15.90	0.10	1.6	0.039	2.83	21.9	19.2	0.91	662	2.94	2.34	7.8	2.4	600
M359456		2.86	16.40	0.12	1.3	0.091	2.96	19.2	15.3	0.76	636	4.25	2.35	7.9	2.1	560
M359457		2.96	16.65	0.08	1.1	0.074	2.85	19.1	16.2	0.70	662	19.05	1.98	7.6	2.4	610
M359458		6.57	14.45	0.11	1.0	1.545	2.66	22.9	25.1	0.90	1860	12.55	0.04	5.7	15.1	430
M359459		3.09	16.85	0.11	1.4	0.042	2.56	22.1	28.8	0.67	612	4.39	0.86	8.3	2.8	650
M359460		3.37	16.75	0.11	1.3	0.033	2.67	25.4	47.7	0.69	809	54.2	0.13	8.1	2.9	690
M359461		3.14	16.95	0.11	1.2	0.036	2.61	20.1	22.4	0.75	610	17.85	2.07	7.9	2.6	610
M359462		3.65	16.25	0.10	1.1	0.034	2.56	18.8	39.7	0.85	1220	5.34	0.86	7.3	2.3	560
M359463		0.44	0.19	0.09	<0.1	0.009	0.02	0.5	1.2	12.20	189	0.18	0.01	0.2	1.4	190
M359464		3.11	16.55	0.13	1.2	0.036	2.70	22.7	106.0	0.70	994	7.03	0.47	7.9	2.5	590
M359465		2.83	15.70	0.11	1.2	0.034	2.56	20.1	15.5	0.72	524	1.03	2.13	7.4	2.4	560
M359466		3.34	15.20	0.10	1.1	0.083	3.00	18.8	13.5	0.83	3500	1.07	0.95	6.8	2.2	550
M359467		3.10	17.45	0.13	1.3	0.055	2.79	24.2	17.9	0.87	580	1.30	2.44	8.1	2.7	640
M359468		3.12	17.30	0.11	1.3	0.049	2.57	18.4	22.5	0.83	648	2.25	2.32	8.2	2.7	640
M359469		3.06	16.60	0.10	1.2	0.107	2.54	18.3	20.7	0.65	750	3.27	1.71	7.8	2.3	600



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Account: ROCKHA

Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12206362**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M359434		13.6	108.5	0.002	0.09	2.89	10.3	1	2.9	364	0.64	0.06	11.9	0.273	2.2
M359435		12.1	105.5	<0.002	0.15	22.9	11.2	1	3.9	115.5	0.69	0.26	10.1	0.286	3.0
M359436		20.3	103.5	0.002	0.28	27.1	9.8	1	2.9	141.0	0.54	0.26	9.5	0.252	3.6
M359437		14.6	109.5	<0.002	0.11	2.55	11.5	1	3.2	386	0.63	0.13	11.5	0.272	2.0
M359438		15.9	98.8	<0.002	0.13	2.41	11.0	<1	3.3	387	0.63	0.06	12.8	0.270	2.5
M359439		19.9	103.5	<0.002	0.13	2.26	12.2	<1	3.7	388	0.65	<0.05	12.7	0.276	2.5
M359440		17.4	90.9	0.002	0.13	2.05	11.5	1	3.7	416	0.68	<0.05	11.5	0.274	2.4
M359441		2890	164.5	<0.002	4.80	92.1	8.9	1	8.4	101.5	0.48	0.42	10.8	0.191	5.1
M359442		17.6	114.0	<0.002	0.21	1.34	12.4	1	4.6	465	0.67	<0.05	12.0	0.285	3.6
M359443		17.1	101.5	<0.002	0.25	2.39	12.8	1	5.3	416	0.69	<0.05	10.7	0.290	3.3
M359444		15.2	112.5	<0.002	0.38	6.27	11.7	<1	5.2	360	0.65	0.17	11.0	0.282	3.3
M359445		844	89.8	<0.002	0.74	46.7	10.6	<1	4.1	186.5	0.57	0.23	10.8	0.252	6.7
M359446		15.3	91.5	<0.002	0.52	11.45	11.0	<1	4.1	263	0.63	0.08	9.0	0.278	3.5
M359447		18.3	101.0	<0.002	0.53	11.30	11.2	<1	4.0	262	0.63	0.07	9.9	0.281	3.8
M359448		27.5	89.7	0.002	0.48	5.51	12.7	<1	4.3	393	0.70	0.05	9.8	0.299	4.2
M359449		891	154.0	<0.002	4.46	127.5	9.5	1	3.7	154.5	0.57	0.37	11.8	0.211	4.9
M359450		2.7	1.3	<0.002	<0.01	0.24	0.2	<1	0.2	53.6	<0.05	<0.05	0.2	<0.005	0.8
M359451		29.7	99.1	<0.002	0.61	15.65	9.9	<1	2.6	164.0	0.74	<0.05	12.5	0.254	4.0
M359452		811	149.0	<0.002	0.73	11.10	9.5	1	2.7	244	0.72	0.07	13.6	0.233	3.6
M359453		18.5	128.5	<0.002	0.42	2.14	10.6	<1	3.1	361	0.70	<0.05	14.7	0.236	4.6
M359454		20.9	111.5	<0.002	0.57	2.75	10.0	1	3.2	346	0.70	0.09	12.2	0.235	4.1
M359455		44.0	109.0	<0.002	0.35	1.98	11.7	1	3.6	380	0.69	<0.05	13.2	0.272	3.8
M359456		17.5	121.0	<0.002	0.31	3.01	10.5	1	3.6	294	0.66	0.06	11.4	0.248	3.7
M359457		16.6	120.0	0.002	0.51	6.58	11.2	1	3.1	269	0.59	0.17	10.6	0.261	4.2
M359458		2820	160.0	0.002	4.69	93.0	8.5	1	8.2	97.0	0.48	0.37	10.4	0.182	5.2
M359459		27.8	97.8	<0.002	0.40	11.85	11.9	1	2.6	200	0.70	<0.05	12.1	0.278	4.3
M359460		48.6	127.5	0.005	0.83	32.8	11.9	1	3.2	113.5	0.64	<0.05	12.6	0.275	8.0
M359461		29.4	108.0	<0.002	0.34	4.93	11.3	1	3.2	371	0.65	<0.05	11.0	0.265	3.8
M359462		973	97.6	0.002	0.54	16.05	10.5	<1	4.0	207	0.62	<0.05	10.8	0.247	3.6
M359463		2.4	1.1	<0.002	<0.01	0.12	0.2	<1	0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.6
M359464		81.1	116.5	<0.002	0.45	22.2	11.2	1	3.8	169.0	0.63	<0.05	11.6	0.251	4.3
M359465		16.8	97.9	<0.002	0.31	1.98	10.3	<1	3.5	374	0.62	<0.05	10.5	0.250	3.2
M359466		91.2	132.5	<0.002	0.52	7.28	9.8	<1	3.4	223	0.58	<0.05	10.4	0.239	3.7
M359467		16.2	124.5	<0.002	0.29	2.08	12.4	<1	3.8	417	0.63	<0.05	12.4	0.278	3.8
M359468		16.4	88.4	<0.002	0.25	1.87	11.4	1	3.9	414	0.69	<0.05	10.0	0.282	3.2
M359469		13.7	101.0	<0.002	0.27	7.03	11.0	1	3.6	263	0.65	<0.05	10.9	0.266	3.6



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**CERTIFICATE OF ANALYSIS WH12206362**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359434		73	1.7	13.8	44	30.8	<1
M359435		79	5.2	13.6	64	32.6	<1
M359436		68	5.5	12.2	53	28.9	<1
M359437		74	1.7	17.2	44	36.9	<1
M359438		74	1.4	15.9	49	35.0	<1
M359439		76	2.7	18.4	45	35.8	<1
M359440		76	2.0	17.1	42	41.5	<1
M359441		58	5.0	10.0	5690	25.8	25
M359442		77	1.8	18.7	44	35.6	<1
M359443		80	1.9	18.1	48	36.7	<1
M359444		76	2.4	15.8	49	30.3	<1
M359445		70	3.3	16.4	372	34.3	35
M359446		75	2.5	15.0	49	30.1	<1
M359447		77	2.6	15.7	51	29.8	<1
M359448		86	2.8	17.6	68	38.9	<1
M359449		56	6.3	14.2	1610	45.0	79
M359450		2	0.1	0.8	15	0.5	<1
M359451		69	3.9	13.0	335	44.0	<1
M359452		61	3.1	13.5	1730	42.8	6
M359453		62	2.4	17.3	45	45.8	<1
M359454		66	2.0	15.9	55	42.6	<1
M359455		80	10.6	17.8	209	45.0	<1
M359456		69	3.0	16.0	52	40.9	<1
M359457		71	3.5	14.3	59	33.1	1
M359458		56	5.0	9.7	5370	25.2	24
M359459		78	6.8	17.2	243	38.9	<1
M359460		77	4.5	16.6	277	37.9	1
M359461		73	3.2	16.5	81	38.6	<1
M359462		68	5.1	14.0	1240	30.0	7
M359463		2	0.1	0.8	16	<0.5	<1
M359464		69	5.6	15.6	138	37.3	<1
M359465		67	2.1	14.9	43	36.8	<1
M359466		65	2.8	13.5	122	31.7	2
M359467		75	1.4	17.4	45	36.5	<1
M359468		78	1.5	17.1	48	37.2	<1
M359469		75	2.0	16.2	46	34.3	<1



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**CERTIFICATE OF ANALYSIS WH12206362**

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





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**CERTIFICATE WH12206363**

Project: Klaza-118B

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza-118B

**CERTIFICATE OF ANALYSIS WH12206363**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354194		5.04	<0.005	0.17	6.23	7.8	1270	1.13	0.56	8.45	0.16	58.3	9.2	11	16.65	58.1
M354195		2.83	<0.005	0.01	0.14	6	30	0.10	0.02	20.3	0.05	1.13	1.2	<1	1.65	2.0
M354196		5.12	<0.005	0.07	6.35	18	540	0.99	0.46	12.75	0.15	53.9	9.9	43	28.9	3.2
M354197		6.19	<0.005	0.13	7.91	14.9	830	1.09	1.76	3.26	0.05	32.7	9.9	32	11.50	2.5
M354198		6.70	<0.005	0.11	8.43	11.9	1810	1.24	0.50	5.21	0.08	48.9	17.7	78	11.90	4.7
M354199		6.70	<0.005	0.09	7.70	8.8	2090	1.43	0.29	4.43	0.07	36.5	12.9	65	14.50	10.1
M354200		5.84	<0.005	0.14	8.33	26.7	2300	1.40	0.69	4.61	0.06	48.1	110.5	79	9.60	4.8
M354201		7.58	<0.005	0.08	7.48	6.3	1950	1.65	0.55	2.52	0.07	48.3	12.9	11	5.96	3.7
M354202		8.06	<0.005	0.04	7.48	3.8	2030	1.75	0.11	2.56	0.06	50.4	9.5	13	5.73	4.2
M354203		0.26	0.783	9.68	6.84	1490	290	1.62	6.03	1.86	42.8	48.4	17.4	20	17.10	109.5
M354204		6.31	<0.005	0.08	7.79	4.7	2130	1.74	0.13	2.64	0.09	54.9	7.9	11	5.72	4.8
M354205		2.60	<0.005	0.08	7.35	7.3	1920	1.81	0.41	3.25	0.09	48.5	11.4	11	6.09	5.0
M354206		2.26	<0.005	0.12	8.27	13.2	2060	1.33	0.65	4.65	0.05	50.4	26.0	72	5.58	7.5
M354207		2.20	<0.005	0.05	7.66	4.7	2040	1.94	0.16	2.77	0.06	55.4	8.1	13	4.77	4.2
M354208		7.87	<0.005	0.06	7.66	3.9	2050	1.80	0.08	2.76	0.08	53.5	8.1	11	5.18	6.8
M354209		7.28	<0.005	0.06	7.74	4.9	2120	1.90	0.09	2.66	0.08	56.7	11.1	14	4.35	7.4
M354210		7.64	<0.005	0.09	7.63	4.3	2070	1.88	0.12	2.80	0.08	57.3	8.9	12	5.20	15.7
M354211		7.43	<0.005	0.09	7.65	4.1	2240	1.82	0.10	2.84	0.08	54.5	8.4	18	4.29	6.5
M354212		<0.02	<0.005	0.05	7.58	3.5	2240	1.89	0.10	2.82	0.07	53.1	8.3	11	4.22	5.9
M354213		7.42	<0.005	0.10	7.65	3.3	2160	1.77	0.19	3.05	0.07	51.1	8.2	13	4.63	14.0
M354214		8.40	<0.005	0.09	7.72	2.6	2270	1.81	0.07	2.73	0.07	54.0	8.0	11	4.77	6.9
M354215		0.26	2.20	26.1	6.07	2820	320	1.50	18.40	2.22	81.1	49.0	11.3	19	15.80	447
M354216		9.03	<0.005	0.15	7.71	4.9	2360	1.79	0.66	2.88	0.12	50.3	9.0	11	5.58	13.3
M354217		8.08	<0.005	0.07	7.76	2.7	2480	1.84	0.08	2.90	0.08	53.1	7.8	11	5.95	6.9
M354218		6.43	<0.005	0.06	7.72	3.1	2190	1.93	0.10	2.55	0.09	52.3	7.5	14	5.22	5.2
M354219		2.25	<0.005	0.45	7.48	14.7	1960	1.97	0.88	2.73	0.10	49.3	11.9	10	8.11	21.5
M354220		3.27	<0.005	0.01	0.06	<5	20	0.05	0.02	20.6	0.07	1.24	1.1	<1	0.12	1.5
M354221		6.33	<0.005	0.11	7.44	4.1	2130	1.83	0.15	2.59	0.10	51.0	6.9	12	5.77	7.0
M354222		3.52	<0.005	0.07	7.65	2.8	2550	1.92	0.07	2.61	0.07	47.2	6.8	12	4.87	3.7
M354223		2.26	<0.005	0.15	7.17	6.4	2450	1.73	0.40	3.19	0.09	47.7	7.4	8	11.50	11.9
M354224		4.80	<0.005	0.07	7.53	2.6	2360	1.75	0.07	2.56	0.06	52.8	8.2	11	7.97	4.2
M354225		4.13	<0.005	0.06	7.34	2.9	2310	1.71	0.04	2.36	0.07	54.8	7.7	10	6.91	4.5
M354226		1.94	<0.005	0.06	7.44	2.6	2320	1.72	0.04	2.46	0.05	53.8	7.8	10	7.38	4.6
M354227		7.76	<0.005	0.06	7.81	3.5	2370	1.79	0.08	2.58	0.06	57.8	8.4	12	5.69	4.0
M354228		9.09	<0.005	0.06	7.60	3.3	2330	1.69	0.07	2.56	0.07	53.1	8.7	13	4.66	6.0
M354229		2.78	<0.005	0.15	7.14	9.7	2010	1.60	0.18	3.08	0.07	47.2	10.5	10	8.13	8.4



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354194		2.79	15.00	0.11	1.2	0.050	2.13	33.4	12.7	0.75	1200	10.90	0.73	7.4	4.4	550
M354195		0.48	0.51	0.13	<0.1	<0.005	0.09	0.6	2.2	13.00	217	0.22	0.01	0.8	2.5	200
M354196		4.11	13.90	0.15	1.5	0.064	1.68	32.1	15.5	1.01	2190	0.53	1.07	5.6	11.2	1000
M354197		5.92	18.15	0.18	1.3	0.174	1.85	15.9	21.2	2.31	987	0.62	2.33	8.1	12.5	1320
M354198		5.86	17.15	0.19	1.9	0.095	2.49	25.7	16.6	2.56	1150	0.55	2.09	7.3	23.6	1390
M354199		4.75	16.60	0.16	1.8	0.062	2.59	18.9	15.5	1.77	837	0.51	1.82	7.4	18.1	1070
M354200		6.56	16.20	0.18	2.0	0.075	2.40	24.8	16.7	2.76	1090	0.69	1.96	7.2	23.7	1320
M354201		2.96	16.20	0.15	1.3	0.051	2.79	23.9	13.0	0.90	560	1.41	2.22	8.3	3.8	580
M354202		2.99	17.00	0.18	1.3	0.033	2.65	25.0	14.9	0.92	598	0.86	2.25	8.8	2.8	600
M354203		5.44	15.80	0.20	1.4	0.943	2.88	24.9	30.3	0.71	2000	12.85	0.27	8.3	15.9	500
M354204		3.05	17.65	0.16	1.6	0.034	2.69	27.7	15.2	0.95	613	0.89	2.40	9.2	2.7	610
M354205		3.20	16.90	0.17	1.6	0.045	2.54	23.2	13.1	0.91	705	1.74	2.24	9.3	3.7	630
M354206		5.56	17.55	0.19	2.2	0.070	2.18	25.7	16.3	2.83	1330	4.44	2.41	7.6	22.0	1230
M354207		3.07	16.85	0.16	1.6	0.038	2.60	28.0	13.4	0.97	612	1.36	2.30	9.0	4.1	630
M354208		3.11	17.40	0.17	1.5	0.042	2.62	26.3	14.8	0.94	659	1.22	2.38	9.1	2.9	650
M354209		3.12	17.30	0.17	1.4	0.041	2.60	29.0	14.3	0.90	615	1.08	2.37	9.1	2.8	630
M354210		3.02	16.85	0.17	1.4	0.043	2.61	28.7	14.4	0.84	648	0.98	2.29	9.1	2.6	620
M354211		3.18	17.50	0.17	1.2	0.045	2.45	27.2	14.5	0.90	681	1.28	2.45	9.2	3.1	630
M354212		3.13	17.00	0.16	1.1	0.043	2.43	26.8	14.2	0.90	669	1.35	2.41	9.0	2.8	630
M354213		3.25	17.60	0.16	1.0	0.042	2.44	24.5	16.4	0.86	709	1.77	2.41	9.2	3.3	640
M354214		3.10	17.25	0.17	1.1	0.040	2.45	26.3	16.1	0.86	641	1.60	2.38	9.0	4.0	640
M354215		6.87	14.45	0.21	1.0	1.775	2.66	26.3	30.0	0.92	1940	13.75	0.04	6.5	16.1	450
M354216		3.21	17.40	0.18	1.0	0.048	2.34	24.9	18.1	0.82	624	1.23	2.36	8.9	3.2	650
M354217		3.13	17.45	0.18	1.2	0.039	2.28	27.0	20.3	0.83	613	2.97	2.43	9.3	3.0	630
M354218		3.04	16.95	0.18	1.2	0.038	2.45	27.5	17.5	0.87	598	3.13	2.38	9.0	2.8	620
M354219		3.25	16.75	0.17	1.6	0.064	2.75	24.2	14.5	0.79	688	2.21	1.85	9.6	3.1	580
M354220		0.48	0.28	0.15	<0.1	0.005	0.02	0.6	1.0	13.10	200	0.12	0.01	0.2	2.8	190
M354221		2.97	17.00	0.13	1.3	0.048	2.51	25.4	17.2	0.84	596	2.11	2.39	9.2	2.6	590
M354222		3.09	17.20	0.17	1.3	0.039	2.35	23.1	17.7	0.84	601	1.54	2.46	9.5	2.6	630
M354223		2.81	16.45	0.17	1.0	0.054	2.56	23.1	14.5	0.60	623	1.36	2.21	8.3	2.4	570
M354224		3.02	17.00	0.17	0.9	0.038	2.42	26.9	17.3	0.77	596	0.96	2.34	8.5	3.0	600
M354225		2.84	16.35	0.17	1.0	0.032	2.47	28.8	18.5	0.84	604	1.40	2.27	8.3	2.6	580
M354226		2.95	16.65	0.19	1.0	0.033	2.48	28.0	19.1	0.86	633	0.91	2.30	8.8	2.8	590
M354227		3.12	17.15	0.19	1.2	0.042	2.65	29.5	18.3	0.92	648	0.96	2.40	9.0	2.9	620
M354228		3.04	16.45	0.18	0.9	0.044	2.55	27.9	13.2	0.84	704	0.58	2.21	8.6	3.0	600
M354229		3.11	15.70	0.16	0.9	0.070	2.50	24.4	16.7	0.82	888	0.77	1.76	7.9	2.9	600



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**CERTIFICATE OF ANALYSIS WH12206363**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M354194		18.4	112.5	0.002	0.08	6.61	13.5	1	1.3	432	0.58	<0.05	12.4	0.231	8.5
M354195		1.4	8.0	<0.002	<0.01	<0.05	0.4	1	0.2	41.2	0.08	<0.05	0.3	0.005	2.2
M354196		18.3	112.0	<0.002	0.04	5.95	20.0	1	0.9	498	0.37	<0.05	5.9	0.331	5.6
M354197		8.2	71.0	<0.002	0.05	11.20	18.0	1	1.3	324	0.50	<0.05	5.7	0.437	2.5
M354198		12.3	140.0	<0.002	0.06	5.44	24.3	1	1.1	603	0.44	<0.05	7.4	0.459	5.0
M354199		12.1	92.5	<0.002	0.02	4.91	18.8	1	1.3	541	0.50	<0.05	8.6	0.386	5.2
M354200		10.0	132.0	<0.002	0.49	5.46	24.4	2	1.2	573	0.45	0.05	8.0	0.452	3.6
M354201		14.9	118.5	<0.002	0.06	3.11	10.9	1	1.6	420	0.77	<0.05	13.6	0.259	3.8
M354202		16.3	103.5	<0.002	0.02	1.32	11.5	1	1.5	391	0.73	<0.05	14.7	0.263	4.1
M354203		1390	161.0	<0.002	3.15	34.1	9.5	2	6.1	151.5	0.65	0.27	11.6	0.214	5.3
M354204		17.6	104.0	<0.002	0.02	1.21	11.6	1	1.6	416	0.86	<0.05	16.0	0.273	5.4
M354205		15.7	99.0	<0.002	0.09	2.04	12.0	1	1.7	413	0.84	<0.05	11.6	0.276	4.3
M354206		10.3	99.8	0.002	0.17	5.38	22.9	1	1.5	580	0.50	<0.05	8.3	0.440	4.1
M354207		15.3	103.5	<0.002	0.02	1.53	12.3	1	1.6	429	0.79	<0.05	14.2	0.275	4.4
M354208		15.6	103.5	<0.002	0.03	1.38	12.6	1	1.8	407	0.77	<0.05	13.8	0.281	4.0
M354209		16.5	104.0	<0.002	0.03	1.24	12.3	1	1.6	418	0.77	<0.05	15.9	0.274	4.7
M354210		16.5	103.0	<0.002	0.05	1.26	11.9	1	1.6	382	0.77	<0.05	15.0	0.267	4.4
M354211		15.3	93.5	<0.002	0.02	1.23	12.4	1	1.6	428	0.72	<0.05	14.0	0.277	4.0
M354212		14.9	92.2	<0.002	0.02	1.18	12.1	1	1.6	420	0.71	<0.05	13.8	0.277	3.8
M354213		16.3	85.0	<0.002	0.02	1.33	12.3	1	1.6	421	0.63	<0.05	13.6	0.282	3.3
M354214		15.9	87.0	<0.002	0.01	0.93	12.2	1	1.5	424	0.60	<0.05	13.9	0.276	3.3
M354215		2910	159.5	<0.002	4.88	91.5	8.5	2	8.2	90.4	0.51	0.38	10.1	0.188	5.3
M354216		18.2	89.4	<0.002	0.04	1.71	12.4	1	1.5	431	0.62	<0.05	12.9	0.280	3.6
M354217		16.1	93.4	<0.002	0.01	1.68	12.1	1	1.5	456	0.69	<0.05	13.8	0.271	3.8
M354218		16.5	104.0	<0.002	0.01	1.20	11.9	1	1.5	407	0.75	<0.05	13.7	0.272	4.4
M354219		21.5	116.5	<0.002	0.51	1.88	11.6	1	1.8	306	1.03	0.06	14.3	0.256	7.7
M354220		1.5	1.0	<0.002	<0.01	<0.05	0.3	2	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	0.6
M354221		16.8	104.5	<0.002	0.04	1.41	11.0	1	1.6	395	0.76	<0.05	13.0	0.260	4.4
M354222		15.4	93.2	<0.002	0.01	1.29	11.1	1	1.6	430	0.77	<0.05	10.9	0.268	4.3
M354223		16.8	97.6	<0.002	0.13	2.94	10.8	1	1.7	367	0.62	<0.05	9.3	0.246	3.4
M354224		15.2	89.3	<0.002	0.03	1.24	11.8	1	1.5	405	0.56	<0.05	11.0	0.265	3.4
M354225		14.9	91.9	<0.002	0.01	0.86	11.3	1	1.5	396	0.60	<0.05	12.4	0.252	3.2
M354226		14.7	95.2	<0.002	0.01	0.85	11.5	1	1.5	405	0.60	<0.05	12.9	0.259	3.0
M354227		16.0	98.8	<0.002	0.02	0.98	12.4	1	1.5	424	0.61	<0.05	14.2	0.273	3.4
M354228		14.9	94.2	<0.002	0.03	0.98	11.9	1	1.4	392	0.54	<0.05	11.3	0.262	3.4
M354229		17.2	88.5	<0.002	0.14	2.82	11.6	1	1.4	333	0.50	<0.05	11.8	0.260	2.7



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**CERTIFICATE OF ANALYSIS WH12206363**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M354194		71	2.3	29.7	56	31.4	<1
M354195		3	0.2	0.8	14	<0.5	<1
M354196		128	2.2	35.3	80	54.1	1
M354197		164	3.8	13.9	78	48.3	<1
M354198		184	4.2	19.6	84	74.2	<1
M354199		151	2.5	14.7	62	65.2	<1
M354200		182	3.2	16.9	82	73.8	<1
M354201		70	1.7	15.4	42	31.7	<1
M354202		72	1.6	17.0	46	34.4	<1
M354203		58	5.4	11.5	3040	41.5	10
M354204		74	1.2	18.1	49	40.1	<1
M354205		80	1.9	18.5	48	39.4	<1
M354206		175	2.8	19.0	91	80.2	<1
M354207		78	1.1	18.4	43	40.4	<1
M354208		79	1.0	18.9	48	39.0	<1
M354209		75	0.9	18.2	47	36.8	<1
M354210		74	0.9	17.7	50	37.2	<1
M354211		76	1.3	18.0	50	30.3	<1
M354212		75	1.2	17.4	50	27.6	<1
M354213		77	1.4	17.9	53	24.9	<1
M354214		74	1.0	17.8	51	27.4	<1
M354215		57	5.2	10.0	5650	27.3	26
M354216		76	1.3	16.9	54	24.5	<1
M354217		74	1.6	17.6	53	29.4	<1
M354218		73	2.4	16.7	47	29.8	<1
M354219		69	2.5	17.1	46	37.5	1
M354220		2	0.1	0.8	14	<0.5	<1
M354221		70	2.3	17.0	45	32.9	<1
M354222		74	1.9	16.9	45	31.6	<1
M354223		65	1.8	15.2	43	25.4	<1
M354224		72	1.2	15.1	46	24.9	<1
M354225		68	1.6	16.2	46	24.7	<1
M354226		70	1.5	16.5	47	26.8	<1
M354227		74	1.7	18.2	46	31.4	<1
M354228		70	1.0	16.8	47	23.4	<1
M354229		71	1.3	14.6	47	22.6	<1



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LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Project: Klaza-118B

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Finalized Date: 20-SEP-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12206363**

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



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**CERTIFICATE WH12206364**

Project: Klaza-118B

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-118B

**CERTIFICATE OF ANALYSIS WH12206364**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354230		5.42	<0.005	0.05	6.81	4.1	2160	1.33	0.09	2.66	0.09	45.0	7.0	14	7.23	9.0
M354231		8.57	<0.005	0.06	7.28	6.8	2130	1.47	0.19	2.67	0.10	50.7	5.9	14	7.37	5.0
M354232		0.26	2.25	26.1	5.61	3180	1590	1.36	19.80	2.22	80.6	48.0	10.5	18	15.00	417
M354233		3.21	<0.005	0.34	6.92	10.0	2150	1.63	0.20	2.50	0.18	45.4	4.1	12	13.45	3.3
M354234		5.05	<0.005	0.12	6.27	7.3	2010	1.28	0.15	3.43	0.14	36.1	5.1	10	14.90	4.0
M354235		4.62	<0.005	0.21	6.91	14.9	1580	1.45	0.23	2.71	0.21	45.1	4.5	10	20.5	12.2
M354236		2.55	<0.005	0.09	7.18	6.5	2110	1.59	0.15	2.41	0.09	47.5	6.7	11	10.45	3.0
M354237		6.32	<0.005	0.12	6.85	7.1	2050	1.54	0.12	2.54	0.19	43.6	6.6	12	9.15	9.5
M354238		<0.02	<0.005	0.11	6.95	6.3	2080	1.68	0.13	2.59	0.12	52.8	7.2	12	10.10	10.0
M354239		6.64	<0.005	0.04	6.72	4.3	2120	1.45	0.10	2.58	0.06	42.7	6.0	13	7.50	3.7
M354240		2.43	0.153	1.44	6.56	502	1420	1.55	0.31	4.13	6.88	52.8	12.4	9	18.80	8.8
M354241		1.52	<0.005	0.10	0.13	<5	20	0.05	0.02	21.2	0.06	1.34	0.6	<1	0.14	2.1
M354242		3.25	0.007	0.26	7.05	33.8	1960	1.67	0.08	2.87	0.85	45.3	6.8	10	16.00	6.0
M354243		1.88	0.054	0.96	6.42	59.0	1180	1.53	0.84	3.51	3.99	52.4	29.2	9	19.35	15.8
M354244		6.43	<0.005	0.10	6.73	7.7	2090	1.56	0.08	2.66	0.10	41.3	6.4	10	18.90	3.7
M354245		1.83	<0.005	0.07	6.84	6.1	2380	1.39	0.08	2.91	0.08	48.4	6.9	10	13.00	7.8
M354246		4.85	<0.005	0.05	7.02	6.3	2170	1.45	0.06	2.89	0.09	41.8	7.1	12	13.65	6.4
M354247		0.26	4.49	>100	5.22	7610	390	1.11	67.2	2.00	221	36.5	9.1	17	12.15	1220
M354248		2.57	<0.005	0.28	6.88	8.7	2130	1.36	0.10	2.52	0.23	42.5	6.8	14	8.62	6.3
M354249		2.37	0.005	0.34	6.72	15.6	1790	1.38	0.93	2.27	0.09	36.8	6.2	11	13.15	47.5
M354250		2.94	<0.005	0.11	6.82	6.0	1950	1.34	0.11	2.46	0.09	43.5	6.5	11	13.35	5.2
M354251		3.88	0.005	0.15	6.72	11.0	1910	1.42	0.11	2.72	0.15	42.2	6.3	11	15.30	5.3
M354252		3.58	<0.005	0.08	7.08	6.1	2270	1.54	0.08	2.63	0.10	41.9	7.5	12	10.50	5.6
M354253		2.08	<0.005	0.07	6.63	9.2	2060	1.64	0.08	3.07	0.17	33.8	7.0	12	19.25	7.2
M354254		3.73	0.020	2.55	6.74	155.0	990	1.65	0.63	2.59	14.05	44.4	10.2	9	19.10	20.4
M354255		3.96	<0.005	0.27	6.79	7.2	1850	1.25	0.12	2.80	1.78	41.8	6.8	11	13.05	5.1
M354256		2.41	0.788	9.24	6.60	3200	550	1.52	2.21	1.85	79.5	51.4	6.4	11	13.50	151.0
M354257		5.26	0.832	15.25	4.37	2240	350	0.91	3.12	5.88	131.5	33.4	8.3	6	8.20	106.0
M354258		2.55	0.617	69.6	4.76	1615	550	1.21	22.0	2.87	24.3	44.6	28.4	9	17.65	3270
M354259		6.11	0.010	1.11	6.72	51.0	1540	1.96	0.30	2.91	0.44	58.5	6.5	16	20.5	24.9
M354260		3.80	1.845	>100	2.69	4400	1040	0.66	179.5	1.07	21.3	15.80	71.3	9	5.05	3160
M354261		2.73	<0.005	0.24	0.04	6	20	0.06	0.20	20.7	0.10	1.02	0.6	<1	0.13	7.5
M354262		2.43	0.008	0.54	6.64	25.6	2250	1.78	0.90	2.63	1.21	39.4	10.4	11	11.30	15.8
M354263		6.84	0.010	1.17	6.89	32.2	2090	1.71	1.35	2.67	0.95	39.6	6.1	11	10.65	38.6
M354264		2.72	<0.005	0.28	6.90	7.1	2100	1.77	0.16	2.61	0.67	46.6	6.5	10	11.25	17.8
M354265		2.59	0.006	0.27	6.39	62.0	1920	1.65	0.18	2.86	1.62	42.4	5.7	10	17.60	6.1





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Project: Klaza-118B

**CERTIFICATE OF ANALYSIS WH12206364**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354230		2.90	15.65	0.16	1.0	0.042	2.42	21.8	12.7	0.81	641	2.00	2.17	7.2	3.9	590
M354231		2.97	16.25	0.16	1.0	0.063	2.51	27.6	12.4	0.84	644	4.86	2.46	7.4	3.5	610
M354232		6.41	14.75	0.17	0.9	1.705	2.57	27.7	23.9	0.90	1780	12.00	0.04	5.9	16.4	430
M354233		3.15	17.00	0.14	1.1	0.076	2.50	20.9	13.7	0.70	615	0.98	2.04	8.3	3.3	610
M354234		3.04	15.60	0.18	1.0	0.052	2.30	16.8	19.4	0.82	701	0.49	1.29	7.3	3.3	560
M354235		3.16	15.25	0.17	1.0	0.070	2.46	23.0	19.6	0.81	757	0.49	1.16	7.5	3.3	600
M354236		3.02	16.25	0.15	1.0	0.060	2.63	23.7	12.5	0.76	568	0.88	2.38	7.7	3.8	590
M354237		3.01	15.50	0.16	1.0	0.052	2.68	21.7	13.8	0.84	627	1.73	2.14	7.5	3.2	570
M354238		3.01	17.00	0.17	1.1	0.054	2.71	24.4	15.1	0.85	623	2.05	2.15	8.0	3.4	590
M354239		2.88	15.85	0.16	1.0	0.045	2.65	22.1	11.5	0.78	584	2.26	2.19	7.3	3.1	560
M354240		4.41	15.25	0.19	1.2	0.130	2.74	28.6	30.1	1.18	2200	2.42	0.63	8.6	3.2	530
M354241		0.49	0.31	0.14	<0.1	0.009	0.03	0.7	1.2	13.10	200	0.09	0.03	0.2	1.7	190
M354242		3.38	16.50	0.17	1.4	0.059	2.99	21.8	12.5	0.87	1060	6.83	1.69	8.5	3.3	660
M354243		3.32	14.50	0.17	1.0	0.089	2.87	27.0	19.7	1.12	1500	3.02	0.14	7.3	3.5	520
M354244		2.77	16.90	0.17	1.0	0.047	2.67	19.8	19.2	0.63	520	2.06	1.58	8.0	3.0	590
M354245		3.01	15.95	0.16	1.2	0.057	2.51	23.9	28.7	0.75	690	0.89	0.94	8.2	2.9	610
M354246		3.07	16.50	0.16	1.1	0.054	2.76	20.9	15.7	0.62	605	0.95	1.82	8.0	3.4	620
M354247		7.89	13.40	0.16	1.1	4.80	2.25	17.2	31.6	0.63	2980	14.20	0.08	5.5	14.7	450
M354248		2.79	15.90	0.15	1.0	0.039	2.73	20.6	11.7	0.80	601	0.97	2.28	7.8	3.1	550
M354249		2.91	14.55	0.17	1.1	0.071	2.78	17.2	10.5	0.61	723	0.85	1.52	7.3	3.0	540
M354250		2.83	15.10	0.17	1.1	0.036	2.66	21.1	15.1	0.70	628	0.89	1.40	7.7	2.8	580
M354251		2.99	15.40	0.16	1.1	0.061	2.85	20.3	11.8	0.73	1140	21.0	1.54	7.4	2.8	560
M354252		2.98	16.90	0.16	1.0	0.043	2.87	19.1	11.2	0.80	650	0.93	2.20	7.9	3.5	570
M354253		2.98	16.85	0.15	1.1	0.045	2.98	15.1	13.7	0.83	812	0.93	1.66	8.1	3.2	580
M354254		4.69	16.15	0.18	1.2	0.396	3.07	22.2	12.8	0.90	4320	0.88	0.39	7.8	3.4	560
M354255		3.01	15.40	0.15	1.1	0.083	2.80	20.3	21.1	0.67	930	1.01	0.80	8.0	2.9	590
M354256		5.08	15.20	0.16	1.1	1.055	3.02	28.5	7.6	0.75	3690	1.01	0.03	7.2	3.2	520
M354257		5.89	10.30	0.15	0.7	3.36	1.87	17.8	20.8	1.95	5620	2.29	0.03	4.6	3.2	360
M354258		7.86	12.10	0.16	1.2	0.782	1.77	23.2	30.3	0.86	2130	17.30	0.03	6.3	4.2	450
M354259		2.52	17.55	0.16	3.5	0.038	2.70	28.7	46.3	1.06	747	3.57	0.06	9.7	6.5	1000
M354260		25.5	6.53	0.17	0.5	2.89	1.18	8.1	4.2	0.43	2360	4.24	0.01	2.9	2.1	220
M354261		0.48	0.15	0.10	<0.1	0.009	0.02	0.5	0.9	12.85	190	0.19	<0.01	0.1	1.6	160
M354262		3.07	15.35	0.14	1.2	0.118	3.10	17.3	8.3	0.77	1130	0.57	1.53	7.8	2.7	550
M354263		3.08	15.55	0.17	1.2	0.076	2.80	18.9	9.1	0.74	819	1.37	1.93	7.8	3.1	570
M354264		2.83	16.55	0.18	1.1	0.065	2.85	23.8	8.3	0.73	735	4.07	1.99	8.0	3.0	550
M354265		2.79	15.15	0.17	1.3	0.039	2.96	20.2	13.2	0.75	1280	1.95	1.29	7.8	3.0	530



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Project: Klaza-118B

**CERTIFICATE OF ANALYSIS WH12206364**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M354230		16.0	89.4	0.002	0.02	1.42	10.5	<1	1.4	385	0.51	<0.05	12.7	0.256	2.8
M354231		14.8	103.0	0.002	0.02	1.62	10.6	1	1.5	405	0.55	<0.05	14.7	0.263	3.4
M354232		2730	180.0	0.003	4.66	90.9	8.3	1	8.0	98.7	0.48	0.32	12.2	0.177	5.4
M354233		17.4	112.5	<0.002	0.02	4.62	10.5	1	1.6	336	0.68	<0.05	11.7	0.261	3.1
M354234		15.2	84.4	<0.002	0.04	8.23	9.2	1	1.4	273	0.59	<0.05	10.3	0.248	2.6
M354235		12.6	110.0	0.003	0.10	7.77	10.2	1	1.6	216	0.63	<0.05	12.7	0.264	4.2
M354236		15.3	115.5	<0.002	0.03	2.16	10.0	1	1.7	391	0.66	<0.05	13.3	0.260	4.0
M354237		17.2	106.5	<0.002	0.03	2.59	9.8	<1	1.6	356	0.66	<0.05	13.1	0.264	3.4
M354238		16.0	117.0	<0.002	0.02	2.63	11.4	1	1.8	364	0.64	<0.05	15.7	0.262	3.8
M354239		14.9	106.0	<0.002	0.02	1.52	9.8	1	1.6	361	0.53	<0.05	13.0	0.247	2.9
M354240		328	154.0	0.004	1.80	13.90	14.5	1	2.7	196.5	0.73	<0.05	14.8	0.270	5.9
M354241		1.8	1.7	0.003	<0.01	0.07	0.2	<1	0.2	57.2	<0.05	<0.05	0.2	<0.005	0.8
M354242		84.2	129.5	0.004	0.23	6.13	11.8	1	2.1	335	0.85	<0.05	14.4	0.294	5.0
M354243		106.5	151.5	<0.002	0.77	11.95	9.7	1	2.1	147.0	0.69	0.10	14.5	0.224	6.8
M354244		15.4	110.0	<0.002	0.03	4.25	9.8	1	1.5	327	0.62	<0.05	11.9	0.256	3.1
M354245		15.7	92.4	0.002	0.05	9.12	10.4	1	1.7	238	0.68	<0.05	12.3	0.272	3.1
M354246		17.5	108.5	0.003	0.04	3.03	9.8	<1	1.6	345	0.67	<0.05	12.1	0.266	3.2
M354247		9380	127.0	0.002	6.94	212	7.6	1	8.8	131.0	0.45	0.39	9.4	0.181	5.5
M354248		22.0	107.5	<0.002	0.02	1.18	9.6	1	1.5	378	0.67	<0.05	12.3	0.245	3.7
M354249		17.8	129.5	0.002	0.13	4.62	9.1	1	1.7	238	0.75	0.06	11.8	0.238	4.4
M354250		16.1	108.5	0.002	0.03	5.51	9.5	1	1.7	274	0.74	<0.05	11.8	0.254	4.5
M354251		45.7	116.0	0.004	0.10	2.91	9.0	1	1.6	294	0.70	<0.05	12.4	0.242	3.9
M354252		18.9	121.0	<0.002	0.05	1.03	10.1	1	1.6	379	0.63	<0.05	11.9	0.255	3.4
M354253		18.0	122.0	0.002	0.05	2.76	9.7	1	1.6	319	0.71	<0.05	9.7	0.253	3.7
M354254		523	163.5	0.002	0.79	9.92	10.3	1	3.4	141.5	0.81	0.08	13.8	0.235	5.8
M354255		59.2	103.5	<0.002	0.05	5.45	9.5	1	1.6	213	0.77	<0.05	11.8	0.263	3.8
M354256		1465	210	0.002	3.74	30.7	9.7	<1	5.7	77.9	0.73	0.11	15.9	0.221	6.6
M354257		2040	134.0	<0.002	4.46	30.5	5.9	1	4.4	143.0	0.36	0.14	9.3	0.144	8.3
M354258		665	119.5	0.004	7.25	568	5.9	2	5.8	131.0	0.43	1.72	8.9	0.162	130.0
M354259		31.5	145.5	<0.002	0.41	14.30	6.9	<1	1.4	246	0.75	<0.05	10.5	0.284	7.7
M354260		1415	78.6	0.005	>10.0	129.0	3.8	3	16.5	45.2	0.27	5.25	5.3	0.094	3.3
M354261		3.3	1.0	<0.002	0.03	0.39	0.1	<1	0.2	48.0	<0.05	<0.05	<0.2	<0.005	0.5
M354262		39.6	134.5	0.003	0.40	2.30	9.1	1	2.0	292	0.81	0.07	12.2	0.243	4.8
M354263		42.9	114.0	0.002	0.16	2.96	9.1	1	1.8	347	0.85	<0.05	12.7	0.249	4.3
M354264		23.8	128.5	0.003	0.05	1.78	9.5	1	1.7	348	0.86	<0.05	14.4	0.241	5.1
M354265		43.7	117.5	0.002	0.12	3.39	8.4	<1	1.6	278	0.92	<0.05	13.1	0.232	5.5



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Finalized Date: 21-SEP-2012  
Account: ROCKHA

Project: Klaza-118B

**CERTIFICATE OF ANALYSIS WH12206364**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M354230		67	1.3	14.7	41	20.8	<1	
M354231		69	1.5	16.7	39	21.1	<1	
M354232		53	5.0	10.2	5180	24.9	26	
M354233		70	1.8	16.2	43	24.7	1	
M354234		67	2.6	13.8	43	21.2	<1	
M354235		68	2.3	14.0	47	20.3	<1	
M354236		68	1.5	15.8	46	20.8	<1	
M354237		72	1.8	14.8	47	20.6	<1	
M354238		72	1.8	16.7	42	22.6	1	
M354239		66	1.5	14.8	34	20.6	<1	
M354240		82	3.1	19.8	536	22.1	2	
M354241		2	0.1	0.9	14	<0.5	<1	
M354242		80	1.3	17.8	103	27.1	1	
M354243		60	2.8	16.5	300	20.2	1	
M354244		66	2.9	14.5	34	20.7	<1	
M354245		72	4.3	16.1	39	23.0	<1	
M354246		71	1.6	14.7	42	21.6	<1	
M354247		50	4.3	9.4	>10000	31.5	121	1.640
M354248		64	0.9	16.1	50	20.2	<1	
M354249		62	1.8	13.4	41	20.8	<1	
M354250		65	2.0	15.1	40	19.8	<1	
M354251		65	2.3	14.1	40	21.6	<1	
M354252		67	1.1	16.0	40	22.1	<1	
M354253		67	1.4	14.6	43	21.4	<1	
M354254		62	3.8	16.6	1090	24.0	2	
M354255		67	2.7	15.2	204	19.6	<1	
M354256		59	4.4	12.4	7200	19.9	9	
M354257		40	4.1	9.4	>10000	16.8	15	1.190
M354258		39	4.5	10.6	1520	36.0	71	
M354259		58	2.4	12.8	74	121.5	<1	
M354260		26	2.2	5.6	1610	11.5	145	
M354261		1	0.1	0.7	16	<0.5	<1	
M354262		62	1.3	13.3	151	22.9	<1	
M354263		65	1.1	14.1	128	22.9	1	
M354264		63	0.9	15.1	91	22.0	<1	
M354265		60	6.5	14.5	123	24.5	<1	



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**CERTIFICATE OF ANALYSIS WH12206364**

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



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**CERTIFICATE WH12206365**

Project: Klaza-120

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 19-SEP-2012  
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Project: Klaza-120

**CERTIFICATE OF ANALYSIS WH12206365**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357037		4.60	<0.005	0.09	6.68	3.5	1240	1.34	0.13	2.75	0.10	40.2	6.7	14	11.30	23.7
M357038		1.99	0.581	10.30	6.34	2170	710	1.31	3.26	2.08	8.97	46.6	7.2	7	21.7	145.5
M357039		2.92	0.010	0.22	6.02	32.7	1190	1.30	0.31	2.53	0.17	36.1	6.8	9	26.8	21.9
M357040		5.72	<0.005	0.13	6.35	5.2	1170	1.41	0.24	2.51	0.13	37.7	7.0	12	14.00	29.6
M357041		4.81	<0.005	0.09	6.68	2.4	1190	1.38	0.32	2.88	0.08	43.9	7.1	12	15.10	20.8
M357042		3.42	<0.005	0.11	6.48	12.6	1270	1.29	0.13	2.69	0.15	37.0	6.7	9	18.60	12.7
M357043		5.54	<0.005	0.31	6.22	8.2	1280	1.30	0.08	2.50	0.27	41.8	7.1	9	18.85	13.7
M357044		0.26	4.54	>100	4.97	7700	110	1.17	60.3	1.89	217	29.9	9.1	16	11.40	1215
M357045		5.72	<0.005	0.28	6.38	26.7	1050	1.47	0.17	2.54	0.37	38.6	6.4	8	20.7	29.5
M357046		1.86	0.137	8.56	6.43	400	360	1.40	2.71	0.51	20.0	48.6	6.0	9	17.35	42.6
M357047		2.32	3.97	95.4	3.86	2490	60	1.03	66.6	2.15	134.5	19.75	7.3	5	17.55	1345
M357048		2.08	<0.005	0.20	0.07	18	20	0.05	0.14	20.3	0.53	1.23	1.2	<1	0.36	5.6
M357049		2.17	0.034	1.10	6.45	29.2	490	1.14	1.56	2.23	1.65	39.1	6.0	7	19.35	12.4
M357050		2.45	0.211	19.95	6.14	512	540	1.14	11.15	1.97	29.2	54.6	7.1	7	12.90	170.0
M357051		5.29	0.009	1.04	6.39	67.9	840	1.30	0.32	2.75	3.95	43.4	6.3	8	17.25	19.6
M357052		1.20	0.545	11.90	5.93	6370	500	1.11	4.19	3.17	15.50	47.4	6.4	6	15.15	48.4
M357053		2.38	<0.005	0.04	0.07	11	30	0.05	0.03	20.4	0.11	1.27	1.2	<1	0.27	1.5
M357054		1.78	0.010	0.68	5.66	125.5	790	1.32	0.75	2.28	6.44	37.6	7.5	8	15.25	46.8
M357055		5.45	<0.005	0.23	6.43	73.9	1250	1.27	0.62	2.54	7.58	41.5	5.5	11	16.40	12.1
M357056		5.49	<0.005	0.10	6.42	3.6	1220	1.40	0.18	2.55	0.12	40.3	5.8	12	11.65	5.0
M357057		5.15	<0.005	0.42	6.43	55.8	830	1.36	0.30	2.25	1.07	41.4	5.5	9	20.1	3.3
M357058		0.26	2.29	24.7	5.70	3290	890	1.42	19.55	2.22	80.6	43.6	10.8	18	14.70	444
M357059		2.29	<0.005	0.35	6.64	76.3	770	1.53	0.20	2.79	1.01	42.6	6.3	10	22.6	3.0
M357060		1.90	0.344	50.0	6.35	2990	900	1.39	0.47	2.26	40.9	47.5	5.6	8	19.70	156.0
M357061		2.37	<0.005	0.56	7.19	211	1100	1.62	0.15	2.29	2.42	46.1	6.2	13	24.4	3.9
M357062		4.42	<0.005	0.48	6.41	44.7	1240	1.39	0.11	2.94	0.38	38.8	6.1	11	14.85	2.8
M357063		1.95	<0.005	0.94	6.73	186.0	810	1.55	0.23	2.01	6.27	41.2	6.9	8	27.6	5.4
M357064		2.33	0.071	13.25	5.91	1580	770	1.26	0.36	1.74	14.25	45.6	7.5	8	20.5	44.0
M357065		<0.02	0.071	14.25	6.14	1615	800	1.26	0.36	1.80	14.00	48.0	7.7	7	21.6	50.8
M357066		5.83	<0.005	1.30	6.65	78.5	900	1.52	1.05	2.77	2.31	40.2	6.5	11	28.1	36.4
M357067		4.95	<0.005	0.14	7.11	7.4	2080	1.36	0.17	2.86	0.17	41.5	6.7	14	10.50	7.1
M357068		5.66	<0.005	0.28	6.80	2.4	1360	1.35	0.18	2.49	0.09	43.9	6.7	16	7.58	5.3
M357069		5.57	<0.005	0.14	6.76	4.3	1120	1.41	0.22	2.64	0.15	44.7	6.8	15	11.05	7.4
M357070		1.94	<0.005	0.12	6.81	4.4	1080	1.35	0.20	2.53	0.13	45.3	6.9	12	10.50	6.7
M357071		5.38	<0.005	0.43	7.02	2.8	1110	1.37	3.88	2.43	0.77	49.7	7.6	14	7.20	86.1
M357072		3.46	<0.005	0.08	6.81	1.6	1250	1.38	0.32	2.49	0.08	45.2	6.7	13	8.00	7.8



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Project: Klaza-120

**CERTIFICATE OF ANALYSIS WH12206365**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357037		2.53	14.85	0.10	0.9	0.019	2.48	19.7	10.9	0.60	518	1.37	1.95	9.0	4.0	410
M357038		3.44	13.50	0.12	0.8	0.309	3.01	26.8	14.6	0.64	5510	11.20	0.22	7.5	3.7	350
M357039		2.34	14.35	0.10	0.9	0.023	2.50	17.7	28.8	0.71	798	0.72	0.29	8.8	3.4	400
M357040		2.33	14.50	0.11	0.9	0.020	2.39	18.8	10.3	0.67	498	0.52	2.02	8.7	3.3	380
M357041		2.44	15.15	0.11	1.0	0.020	2.45	21.6	10.9	0.72	570	2.11	2.00	9.1	3.6	400
M357042		2.30	14.55	0.11	0.9	0.021	2.70	18.0	16.5	0.68	680	1.77	1.44	8.7	3.6	400
M357043		2.54	14.10	0.11	0.8	0.022	2.46	21.1	24.3	0.71	773	0.98	0.73	8.4	3.5	410
M357044		7.86	12.80	0.17	1.1	4.75	2.23	15.3	30.0	0.60	3000	15.15	0.08	5.7	14.1	420
M357045		2.50	15.20	0.11	0.8	0.042	2.85	19.1	25.5	0.74	1250	1.57	0.40	8.6	3.3	420
M357046		5.41	14.40	0.14	0.8	0.398	3.14	26.6	9.2	0.35	4270	3.29	0.04	8.1	3.7	350
M357047		7.58	8.48	0.15	0.5	2.25	1.66	10.5	24.2	0.79	3720	4.42	0.03	4.5	5.0	190
M357048		0.48	0.23	<0.05	<0.1	0.016	0.03	0.6	0.9	12.15	206	0.14	0.01	0.3	1.5	160
M357049		2.18	14.45	0.08	1.0	0.036	1.85	20.2	65.6	0.68	873	0.97	0.05	8.4	2.8	380
M357050		3.46	12.55	0.11	0.8	0.320	2.02	32.2	48.8	0.67	1370	0.92	0.02	7.3	3.4	370
M357051		2.62	14.00	0.12	1.0	0.073	2.42	22.9	56.7	0.82	1390	1.04	0.36	8.6	4.2	380
M357052		3.55	12.20	0.12	0.9	0.225	2.21	27.7	57.7	1.03	2710	1.39	0.03	7.2	3.0	310
M357053		0.47	0.21	<0.05	<0.1	0.005	0.03	0.6	1.5	12.25	214	0.12	<0.01	0.3	1.1	170
M357054		2.16	13.35	0.09	1.0	0.235	2.35	19.2	20.0	0.55	1400	6.17	0.95	8.3	2.8	290
M357055		2.19	13.90	0.12	1.1	0.173	2.42	21.8	26.9	0.64	803	1.71	1.66	8.6	2.8	340
M357056		2.15	13.95	0.11	1.0	0.021	2.45	21.0	13.3	0.62	540	1.28	1.94	8.4	2.9	360
M357057		2.40	13.65	0.12	1.0	0.069	2.62	22.0	42.7	0.70	1840	5.70	0.42	8.6	3.0	350
M357058		6.69	14.25	0.15	1.0	1.760	2.65	23.4	24.4	0.90	1900	14.00	0.04	6.2	16.1	450
M357059		2.27	15.10	0.10	1.1	0.029	3.01	22.1	59.6	0.91	1580	7.64	0.05	9.9	3.2	380
M357060		3.92	13.25	0.13	1.0	1.550	3.10	26.8	8.1	0.90	5390	1.83	0.03	7.8	3.3	350
M357061		2.47	15.45	0.13	1.1	0.036	3.31	24.4	10.0	0.60	1780	0.77	0.62	9.4	3.4	410
M357062		2.46	14.95	0.11	1.0	0.033	2.87	19.4	14.2	0.61	816	1.22	1.12	8.9	3.4	380
M357063		3.25	14.95	0.13	1.0	0.117	3.25	21.0	9.8	0.57	4750	5.47	0.23	9.4	3.1	400
M357064		5.05	12.80	0.13	0.9	0.620	2.75	25.6	9.8	0.75	7830	2.30	0.03	8.3	3.8	300
M357065		5.18	13.25	0.15	0.9	0.647	2.84	26.9	10.1	0.77	8130	1.92	0.03	8.8	3.8	330
M357066		2.59	15.35	0.11	1.1	0.060	3.11	19.9	25.9	0.71	1220	4.30	0.41	10.2	3.6	400
M357067		2.61	15.25	0.11	1.0	0.026	2.58	22.0	12.6	0.76	648	0.64	2.08	8.9	3.7	420
M357068		2.49	15.00	0.12	1.1	0.028	2.40	23.0	13.4	0.76	633	14.60	2.14	8.5	3.7	390
M357069		2.45	14.85	0.12	1.0	0.029	2.50	22.8	14.3	0.76	688	0.86	1.99	9.2	3.5	410
M357070		2.47	15.05	0.12	1.1	0.028	2.46	23.1	15.0	0.75	657	0.51	2.00	9.3	3.7	410
M357071		2.50	15.70	0.12	1.2	0.103	2.20	25.6	20.8	0.81	1020	1.99	2.37	10.0	3.6	400
M357072		2.48	15.20	0.13	1.1	0.030	2.36	22.7	15.8	0.75	591	0.53	2.20	9.4	3.7	390



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Project: Klaza-120

**CERTIFICATE OF ANALYSIS WH12206365**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M357037		14.9	89.2	<0.002	0.03	2.83	9.0	1	1.8	310	0.81	<0.05	12.5	0.234	2.8
M357038		1110	197.5	0.003	1.43	101.5	8.7	1	1.5	72.0	0.70	0.11	13.9	0.200	6.5
M357039		20.3	82.9	<0.002	0.17	24.8	8.7	1	1.9	150.0	0.82	<0.05	11.8	0.225	4.0
M357040		13.8	89.0	<0.002	0.08	2.49	8.6	1	1.4	308	0.78	<0.05	12.9	0.222	3.3
M357041		13.0	94.1	<0.002	0.07	1.49	8.9	1	1.3	312	0.91	<0.05	14.2	0.229	3.9
M357042		15.6	97.3	<0.002	0.10	3.35	8.3	1	1.6	246	0.82	<0.05	12.3	0.226	3.4
M357043		14.3	97.0	<0.002	0.09	7.52	9.0	1	1.3	179.0	0.75	<0.05	12.9	0.227	2.7
M357044		9360	130.0	<0.002	6.75	220	7.8	2	8.7	119.5	0.44	0.49	8.1	0.177	5.2
M357045		20.2	120.5	<0.002	0.19	13.55	9.0	1	1.2	134.0	0.74	<0.05	12.4	0.226	3.9
M357046		1015	186.0	0.002	3.79	35.3	9.1	1	2.6	24.5	0.79	<0.05	15.2	0.201	5.0
M357047		>10000	101.0	0.003	7.80	1435	5.2	2	2.6	69.1	0.41	0.18	8.6	0.116	21.4
M357048		47.8	1.5	<0.002	0.01	2.64	0.3	1	<0.2	50.3	<0.05	<0.05	0.2	<0.005	0.7
M357049		134.5	55.4	<0.002	0.14	22.5	8.6	1	1.7	128.0	0.74	<0.05	13.2	0.211	2.7
M357050		5710	123.5	<0.002	2.09	79.0	8.3	2	3.2	122.0	0.67	0.11	14.7	0.193	7.1
M357051		185.5	104.0	<0.002	0.41	10.15	8.6	1	1.8	162.0	0.78	<0.05	14.1	0.210	4.9
M357052		1310	123.0	<0.002	1.62	38.3	7.1	1	2.2	109.0	0.70	0.09	15.4	0.171	4.4
M357053		4.5	1.7	<0.002	<0.01	0.15	0.3	1	<0.2	48.2	<0.05	<0.05	0.2	<0.005	0.6
M357054		114.0	105.5	<0.002	0.53	15.05	7.0	1	3.3	173.5	1.02	<0.05	13.8	0.169	8.5
M357055		52.9	94.5	<0.002	0.21	2.18	7.7	1	0.9	274	0.78	<0.05	14.3	0.200	3.2
M357056		17.3	92.1	<0.002	0.03	1.38	8.0	1	1.0	296	0.81	<0.05	14.8	0.206	3.8
M357057		79.2	116.5	<0.002	0.28	9.10	7.7	1	1.0	147.5	0.80	<0.05	15.1	0.197	4.9
M357058		2840	165.0	<0.002	4.68	95.7	8.9	2	8.2	94.7	0.48	0.40	10.7	0.181	5.4
M357059		56.5	125.0	0.002	0.30	9.68	8.5	1	1.3	120.5	1.01	<0.05	13.9	0.221	6.4
M357060		3230	188.0	<0.002	1.86	124.5	7.9	1	2.1	57.1	0.80	<0.05	15.7	0.194	7.4
M357061		100.5	167.5	<0.002	0.47	20.2	9.3	1	1.2	151.0	0.92	<0.05	16.3	0.230	5.4
M357062		59.9	119.5	<0.002	0.05	13.15	8.2	1	1.0	221	0.86	<0.05	12.9	0.220	3.4
M357063		281	162.0	<0.002	0.40	23.9	8.8	1	1.4	107.0	1.01	<0.05	15.7	0.215	5.0
M357064		2490	147.5	<0.002	1.10	103.0	7.5	1	1.9	55.2	0.87	<0.05	16.2	0.174	4.8
M357065		2630	155.5	<0.002	1.14	108.5	7.8	1	2.1	57.4	0.92	<0.05	16.9	0.182	4.7
M357066		166.5	125.5	0.002	0.19	52.6	8.7	1	1.5	145.0	1.09	0.13	14.1	0.227	5.3
M357067		20.4	93.9	<0.002	0.05	18.75	9.1	1	1.2	340	0.77	<0.05	14.6	0.234	3.3
M357068		18.3	89.3	0.002	0.03	4.58	9.1	1	1.0	328	0.73	<0.05	14.5	0.226	3.6
M357069		19.7	97.7	<0.002	0.03	6.05	9.0	1	1.3	311	0.88	<0.05	15.4	0.231	4.1
M357070		16.8	101.0	<0.002	0.03	4.33	9.2	1	1.3	308	0.87	<0.05	14.9	0.233	3.9
M357071		30.8	95.3	<0.002	0.08	1.54	9.6	1	1.2	344	0.98	0.07	17.1	0.233	3.7
M357072		16.0	90.3	<0.002	0.01	1.52	9.1	1	1.1	330	0.86	<0.05	15.0	0.223	3.4





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**CERTIFICATE OF ANALYSIS WH12206365**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M357037		69	2.2	12.0	36	21.3	<1		
M357038		61	2.3	11.4	600	19.2	10		
M357039		68	2.2	11.0	38	21.2	<1		
M357040		65	1.4	11.3	33	21.5	<1		
M357041		66	2.4	12.1	34	22.9	<1		
M357042		65	1.9	10.5	40	22.2	<1		
M357043		67	4.1	11.2	55	17.2	<1		
M357044		51	4.6	9.2	>10000	31.5	118		1.585
M357045		69	5.0	10.6	56	20.1	<1		
M357046		60	4.8	7.7	1260	20.0	8		
M357047		37	4.0	6.3	>10000	13.2	94	1.345	1.440
M357048		3	0.1	0.8	57	0.5	<1		
M357049		61	5.1	10.7	186	22.9	1		
M357050		58	3.5	10.0	2630	19.8	22		
M357051		61	2.3	11.2	387	24.1	<1		
M357052		49	3.4	10.8	1340	22.8	14		
M357053		2	0.1	0.8	17	<0.5	<1		
M357054		55	2.8	10.4	363	25.4	1		
M357055		58	1.5	10.9	353	29.4	<1		
M357056		58	0.8	11.2	42	24.9	<1		
M357057		55	1.9	10.6	113	25.5	<1		
M357058		57	5.3	10.3	5310	25.9	26		
M357059		63	2.9	11.6	114	26.1	<1		
M357060		57	3.3	7.7	3630	23.2	52		
M357061		66	2.7	10.5	206	25.4	<1		
M357062		64	2.2	10.9	69	25.5	<1		
M357063		63	1.8	10.4	490	23.2	1		
M357064		53	3.0	7.9	1140	21.9	14		
M357065		54	3.0	8.1	1110	22.8	13		
M357066		66	4.7	11.4	226	25.9	1		
M357067		70	1.0	12.8	45	25.1	1		
M357068		65	1.3	12.5	44	26.2	<1		
M357069		67	0.8	12.7	57	25.9	<1		
M357070		67	0.8	13.0	55	26.8	<1		
M357071		69	2.3	14.6	117	30.3	1		
M357072		66	0.5	13.7	42	27.0	<1		



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**CERTIFICATE OF ANALYSIS WH12206365**

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



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**CERTIFICATE WH12206366**

Project: Klaza-121

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206366**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810892		2.12	0.059	1.21	7.18	94.7	1130	1.51	2.69	1.79	2.65	53.1	9.9	8	13.60	66.9
N810893		0.26	2.36	24.4	5.62	3090	1360	1.29	18.35	2.16	79.1	42.9	12.0	17	15.35	437
N810894		6.97	0.111	0.51	7.06	23.8	2050	1.56	1.63	2.08	0.59	51.1	6.8	9	7.84	47.2
N810895		7.02	0.022	0.22	7.05	12.0	2160	1.61	0.76	1.93	0.24	50.2	6.5	9	8.11	36.5
N810896		6.30	0.090	0.30	7.07	12.3	2170	1.65	1.19	2.52	0.57	50.3	6.0	8	10.35	59.3
N810897		<0.02	0.104	0.33	6.96	13.5	2150	1.75	1.27	2.68	0.57	50.0	6.5	8	10.30	56.0
N810898		4.21	0.082	0.68	6.91	23.7	1060	1.67	2.35	1.37	1.63	52.8	6.7	9	8.82	35.6
N810899		5.25	0.130	2.03	6.75	41.9	1010	1.58	9.77	0.93	4.45	29.5	13.7	8	8.83	163.0
N810900		5.15	0.067	0.61	7.27	14.1	1470	1.79	2.13	2.43	1.08	59.1	4.2	9	11.75	74.0
N810901		0.26	2.25	24.0	5.54	3060	1360	1.25	17.95	2.09	77.5	41.2	11.7	17	15.00	422
N810902		3.20	0.049	0.59	7.31	16.2	1770	1.72	1.88	2.00	0.31	51.3	4.0	8	12.30	53.8
N810903		2.49	0.066	1.15	6.96	39.1	780	1.87	3.26	1.81	1.01	58.7	7.2	7	9.80	42.5
N810904		5.06	0.030	0.44	7.13	13.2	1350	1.76	1.25	2.27	1.93	53.1	6.3	10	13.25	26.7
N810905		4.19	0.036	0.49	7.18	11.6	1980	1.80	1.42	2.13	1.36	56.7	4.7	8	14.85	22.0
N810906		3.82	0.039	0.31	7.14	7.1	1910	1.76	1.30	2.41	0.43	51.3	5.0	7	12.30	33.0
N810907		1.97	0.039	0.30	7.07	7.5	1820	1.71	1.07	2.35	0.59	54.8	4.2	8	11.70	44.6
N810908		2.86	0.079	2.63	7.04	101.5	830	1.57	10.95	1.88	2.24	79.7	7.9	7	10.40	215
N810909		7.58	0.026	0.33	7.18	10.0	1520	1.73	1.23	2.28	0.54	47.7	5.1	8	11.25	20.5
N810910		2.55	0.030	0.34	7.27	9.8	920	1.47	1.99	1.93	0.49	15.70	2.4	7	7.14	5.3
N810911		2.62	0.045	0.63	5.31	32.2	1060	1.22	1.61	5.98	1.44	37.1	4.8	7	13.90	18.8
N810912		3.65	0.059	0.48	7.45	12.8	1720	1.86	1.21	1.85	0.84	49.5	8.1	8	7.00	47.6
N810913		7.90	0.062	0.41	6.99	16.6	2020	1.52	1.23	2.21	0.59	46.4	8.3	10	8.09	59.8
N810914		8.47	0.034	0.29	7.31	13.0	2240	1.72	1.66	1.98	0.33	49.5	7.7	8	8.01	63.0
N810915		7.07	0.026	0.18	7.32	12.2	2190	1.59	0.83	1.68	0.21	48.4	10.3	9	8.23	46.0
N810916		6.71	0.016	0.17	7.13	15.2	2480	1.72	0.85	1.88	0.19	48.0	9.3	9	7.04	30.5
N810917		6.36	0.021	0.13	7.21	10.8	2770	1.67	0.65	2.40	0.22	45.5	6.8	9	11.75	18.5
N810918		3.39	0.161	2.97	6.78	145.0	660	1.60	9.44	1.50	4.19	52.7	17.0	8	13.05	234
N810919		2.49	<0.005	0.02	0.09	<5	30	0.05	0.05	19.90	0.09	1.36	1.4	<1	0.58	3.2
N810920		3.61	0.185	0.97	6.41	20.6	2330	1.56	2.00	2.68	0.98	45.8	14.5	7	14.30	222
N810921		2.98	0.053	0.45	7.01	11.0	1910	1.75	1.28	1.96	1.36	54.0	10.6	8	11.20	33.5
N810922		4.19	0.026	0.64	7.44	12.8	2300	1.57	1.55	1.20	2.77	44.4	11.9	7	9.21	15.0
N810923		3.29	0.152	2.17	5.18	71.1	1250	1.19	4.82	0.98	3.01	27.2	17.1	7	8.34	103.5
N810924		2.09	<0.005	0.03	0.11	<5	60	0.08	0.19	20.1	0.07	1.55	1.5	<1	0.39	2.0
N810925		2.47	0.042	0.53	7.04	31.8	1540	1.65	1.69	2.10	0.72	37.5	9.3	11	10.80	22.6
N810926		6.23	0.011	0.17	7.24	19.7	2000	1.55	0.61	1.38	0.53	50.4	9.5	9	17.30	7.0
N810927		5.19	0.059	0.23	6.65	50.3	1800	1.57	0.68	2.31	0.35	44.1	8.9	9	17.40	7.6



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
N810892		3.97	18.40	0.17	1.0	0.460	2.97	28.9	9.6	0.72	998	1.14	0.88	8.1	3.2
N810893		6.54	15.35	0.19	0.8	1.830	2.41	24.4	22.6	0.88	1880	14.05	0.03	6.4	16.2
N810894		3.11	18.30	0.16	1.1	0.169	2.42	27.1	13.6	0.79	476	1.29	2.18	8.4	2.8
N810895		2.76	17.90	0.14	1.3	0.104	2.61	26.8	13.3	0.82	396	1.50	2.32	8.5	2.8
N810896		2.88	18.30	0.16	1.2	0.135	2.38	26.3	11.3	0.83	439	2.15	1.91	8.6	3.1
N810897		2.82	18.70	0.15	1.2	0.137	2.41	25.7	11.5	0.79	444	1.86	1.90	8.5	2.9
N810898		2.66	17.75	0.16	1.0	0.237	2.99	30.5	6.6	0.59	438	1.99	0.36	5.3	2.4
N810899		3.14	18.30	0.14	1.0	0.355	3.00	15.6	8.8	0.54	615	4.96	0.08	5.3	2.4
N810900		2.58	19.25	0.14	1.2	0.221	2.14	33.1	9.0	0.72	461	1.18	1.55	7.1	2.8
N810901		6.44	15.15	0.19	0.8	1.770	2.34	23.4	22.9	0.87	1820	13.65	0.03	6.2	15.9
N810902		3.03	18.85	0.15	1.2	0.224	2.55	27.1	15.1	0.87	466	2.82	1.29	9.1	2.9
N810903		4.43	18.65	0.19	1.0	0.308	2.68	34.1	8.9	0.66	593	0.90	0.70	6.7	3.0
N810904		2.86	18.80	0.16	1.1	0.199	2.11	29.3	9.4	0.79	474	1.00	1.61	7.7	3.1
N810905		2.95	19.10	0.14	1.1	0.247	2.04	31.6	9.1	0.86	480	1.26	1.92	7.5	2.8
N810906		2.82	18.55	0.16	1.1	0.269	2.41	27.7	9.4	0.84	516	1.02	1.67	8.2	2.7
N810907		2.86	18.55	0.17	1.1	0.263	2.44	29.9	9.6	0.84	535	1.40	1.59	8.2	2.9
N810908		5.27	19.30	0.21	1.0	0.541	2.89	45.2	10.5	0.67	669	1.01	0.19	7.0	2.7
N810909		2.89	18.70	0.15	1.1	0.205	1.85	25.7	7.8	0.81	418	0.65	2.00	7.6	3.0
N810910		2.80	17.95	0.13	1.1	0.429	2.48	6.8	5.2	0.29	287	1.03	1.47	6.8	1.4
N810911		1.69	14.40	0.13	1.0	0.199	1.92	20.8	13.7	0.32	501	20.1	0.19	5.7	2.0
N810912		2.63	19.40	0.16	1.4	0.236	2.49	27.5	10.0	0.79	367	0.69	1.78	8.7	2.8
N810913		3.10	17.75	0.15	1.1	0.205	2.58	25.0	12.3	0.82	416	1.29	1.68	8.2	3.1
N810914		3.05	18.30	0.16	1.1	0.188	2.69	26.3	17.0	0.88	370	1.72	2.00	8.6	2.9
N810915		3.20	18.40	0.16	1.3	0.111	2.66	25.8	20.0	0.93	368	1.44	1.86	9.0	3.0
N810916		2.90	18.20	0.14	1.2	0.134	2.64	26.0	15.4	0.84	363	2.14	2.30	8.3	2.9
N810917		3.05	18.65	0.15	1.3	0.100	2.55	24.3	12.5	0.77	385	3.40	2.03	8.6	3.0
N810918		5.13	16.75	0.21	1.1	0.345	2.80	29.0	12.6	0.60	422	8.63	0.28	6.7	3.9
N810919		0.49	0.35	0.07	<0.1	0.006	0.04	0.7	1.2	11.95	212	0.30	0.01	0.4	2.6
N810920		2.80	16.85	0.15	1.0	0.319	2.50	23.8	12.3	0.66	449	2.17	1.07	7.6	2.9
N810921		2.95	18.70	0.15	1.2	0.265	2.57	29.8	13.8	0.59	400	0.67	1.24	8.0	2.9
N810922		1.62	17.20	0.14	1.3	0.233	3.22	24.8	18.8	0.53	285	8.74	0.06	7.3	2.3
N810923		2.20	14.05	0.15	0.9	0.205	2.28	14.8	11.3	0.41	348	21.6	0.04	4.7	2.8
N810924		0.49	0.40	0.09	<0.1	0.005	0.05	0.8	1.5	12.10	217	0.27	0.01	0.3	3.5
N810925		2.43	17.00	0.15	1.2	0.220	2.34	19.1	46.1	0.62	406	3.01	0.06	7.8	2.4
N810926		2.68	18.60	0.16	1.3	0.107	2.62	26.8	27.2	0.44	458	1.95	0.44	8.7	2.5
N810927		2.70	17.70	0.14	1.2	0.103	2.56	22.7	25.5	0.73	910	1.34	0.23	8.1	2.7



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**CERTIFICATE OF ANALYSIS WH12206366**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N810892		146.5	165.0	<0.002	2.00	5.16	11.6	1	5.3	145.0	0.65	0.19	13.3	0.233	4.8
N810893		2790	165.5	<0.002	4.59	88.9	9.1	2	7.9	97.4	0.48	0.34	10.0	0.179	5.1
N810894		30.4	109.0	<0.002	0.52	2.41	11.8	1	3.2	309	0.67	0.15	12.6	0.238	4.0
N810895		20.8	111.0	<0.002	0.26	1.70	11.8	1	2.7	371	0.71	0.15	13.5	0.234	4.5
N810896		30.8	105.5	<0.002	0.66	2.58	12.5	1	3.7	317	0.66	0.24	12.1	0.242	3.5
N810897		31.0	103.5	<0.002	0.71	2.55	12.5	1	3.7	323	0.65	0.28	11.7	0.242	3.5
N810898		53.7	166.5	<0.002	1.83	5.72	11.6	1	7.0	80.9	0.45	0.49	12.3	0.167	3.3
N810899		145.5	161.5	<0.002	2.28	14.50	11.0	1	8.5	31.0	0.43	3.43	12.0	0.160	3.1
N810900		36.4	105.5	<0.002	1.06	5.09	12.3	1	4.8	259	0.58	0.28	12.4	0.208	4.6
N810901		2760	161.0	<0.002	4.52	87.3	9.0	2	8.0	94.7	0.47	0.35	10.1	0.173	5.1
N810902		32.5	107.0	<0.002	0.60	3.17	12.5	1	3.9	228	0.74	0.23	12.8	0.249	3.6
N810903		48.7	153.5	<0.002	2.64	4.50	12.1	2	6.7	117.5	0.55	0.31	12.5	0.198	4.3
N810904		65.5	110.5	<0.002	1.17	3.07	12.4	2	4.7	231	0.62	0.18	12.8	0.224	3.6
N810905		60.5	99.8	<0.002	1.20	2.21	12.4	1	5.1	311	0.62	0.16	12.5	0.220	3.5
N810906		21.7	106.0	<0.002	0.49	1.94	12.1	1	3.4	276	0.65	0.26	12.4	0.235	4.0
N810907		27.1	107.0	<0.002	0.47	2.00	12.2	1	3.6	256	0.67	0.14	12.6	0.238	4.0
N810908		71.8	156.0	<0.002	2.76	4.20	11.6	2	13.2	66.9	0.57	0.49	13.1	0.211	4.1
N810909		27.0	94.6	<0.002	1.29	1.85	12.7	2	4.2	277	0.63	0.18	12.6	0.221	3.4
N810910		12.1	149.5	<0.002	2.00	8.89	9.9	1	5.8	133.5	0.56	0.20	12.5	0.195	4.7
N810911		51.9	113.0	0.003	1.03	7.71	11.1	1	6.9	208	0.47	0.16	10.0	0.172	2.9
N810912		33.9	124.5	<0.002	0.95	3.18	12.0	1	5.1	236	0.75	0.22	13.4	0.241	3.0
N810913		28.6	119.5	<0.002	0.67	3.81	12.2	1	3.4	247	0.61	0.27	11.8	0.238	3.3
N810914		21.9	117.5	<0.002	0.52	5.18	12.5	1	3.1	264	0.68	0.60	12.5	0.254	3.5
N810915		20.7	120.5	<0.002	0.49	4.04	13.4	2	2.6	245	0.72	0.23	13.2	0.265	3.7
N810916		20.5	118.0	<0.002	0.51	2.47	12.2	1	2.4	323	0.66	0.16	12.9	0.237	4.1
N810917		20.8	105.5	<0.002	0.35	2.51	12.9	1	2.2	342	0.69	0.13	12.0	0.250	3.6
N810918		217	163.0	<0.002	4.22	85.7	11.9	4	6.8	90.7	0.55	0.53	11.5	0.209	7.5
N810919		1.8	3.3	<0.002	0.01	0.48	0.5	1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	0.5
N810920		42.9	123.5	<0.002	1.07	10.30	10.9	1	3.0	202	0.58	0.58	11.4	0.220	4.1
N810921		50.9	118.5	<0.002	0.80	3.42	12.5	1	3.3	183.0	0.68	0.28	12.9	0.226	3.8
N810922		65.5	161.5	<0.002	0.74	9.85	12.0	1	3.2	72.5	0.59	0.18	14.1	0.216	5.6
N810923		125.0	137.0	0.004	1.37	23.7	8.6	1	4.7	41.6	0.39	0.21	9.3	0.135	4.1
N810924		2.3	3.1	<0.002	0.01	0.12	0.5	1	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	0.5
N810925		40.7	110.5	<0.002	1.11	7.98	11.5	1	4.0	136.5	0.65	0.34	12.0	0.229	4.6
N810926		23.0	122.5	<0.002	0.41	10.20	12.7	1	2.2	136.5	0.71	0.06	13.1	0.245	3.9
N810927		18.3	108.5	<0.002	0.65	12.80	11.8	1	2.1	112.5	0.66	0.14	11.3	0.239	4.5



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Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12206366**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N810892		65	5.2	14.3	271	29.3	2
N810893		56	7.4	10.2	5330	25.0	25
N810894		68	2.7	16.8	91	32.7	1
N810895		64	1.7	17.2	47	37.2	1
N810896		68	2.4	16.9	84	34.9	1
N810897		68	2.3	16.8	84	35.1	1
N810898		67	6.1	11.8	178	30.6	1
N810899		68	6.8	12.1	421	31.0	3
N810900		66	2.6	15.4	132	34.7	1
N810901		54	5.2	9.8	5170	24.9	26
N810902		70	2.2	15.7	73	36.5	1
N810903		67	5.1	13.5	120	30.6	2
N810904		68	2.7	16.3	175	31.8	<1
N810905		68	2.8	16.1	149	32.5	<1
N810906		64	2.0	16.4	80	32.7	<1
N810907		66	2.5	16.1	95	32.3	<1
N810908		63	16.5	13.1	207	30.3	3
N810909		66	2.7	16.6	81	31.9	<1
N810910		50	4.9	13.5	52	32.3	<1
N810911		56	4.3	17.8	96	29.4	<1
N810912		68	4.2	14.3	91	39.6	<1
N810913		65	3.0	15.2	74	32.1	<1
N810914		71	2.8	16.6	58	33.5	<1
N810915		76	3.9	16.6	47	37.6	<1
N810916		67	2.2	16.9	42	35.3	<1
N810917		70	2.2	16.7	47	37.1	<1
N810918		69	6.3	13.0	343	31.7	3
N810919		3	0.1	0.9	14	0.5	<1
N810920		64	1.7	15.4	98	31.5	1
N810921		72	2.0	15.7	123	36.4	<1
N810922		63	6.4	13.7	234	38.4	<1
N810923		61	6.8	9.6	221	26.6	2
N810924		4	0.1	1.0	13	<0.5	<1
N810925		66	2.8	13.0	82	35.2	<1
N810926		68	3.6	16.1	64	39.4	<1
N810927		67	4.2	14.7	63	35.7	<1



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**CERTIFICATE OF ANALYSIS WH12206366**

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





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**CERTIFICATE WH12206367**

Project: Klaza-121

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206367**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810928		3.01	0.011	0.22	7.61	14.9	2480	1.59	1.05	2.58	0.39	47.9	8.1	10	13.45	11.1
N810929		5.68	0.016	0.25	7.86	15.7	2280	1.25	0.56	0.58	0.54	47.2	8.0	9	11.60	9.6
N810930		0.26	2.27	24.6	5.77	3330	1720	1.16	15.75	2.10	76.4	43.5	11.0	17	14.75	43.1
N810931		5.42	0.009	0.15	7.48	14.5	2260	1.42	0.50	1.78	0.25	49.8	10.0	8	16.20	16.3
N810932		3.44	0.005	0.23	7.46	12.5	2490	1.50	0.54	2.70	0.55	44.0	8.2	8	15.35	19.1
N810933		4.10	0.040	0.32	7.75	21.2	2320	1.50	0.63	1.96	0.31	51.2	7.2	9	13.65	28.6
N810934		<0.02	0.028	0.30	7.52	16.2	2300	1.60	0.58	1.90	0.37	48.9	7.1	7	13.60	26.3
N810935		2.92	0.020	0.32	7.72	24.6	1840	1.24	0.49	1.17	0.51	50.0	5.8	8	13.55	21.6
N810936		2.34	0.124	0.91	6.58	72.8	450	1.28	1.11	2.32	1.40	38.4	15.2	7	10.35	66.5
N810937		2.42	0.031	0.41	6.97	35.7	1140	1.38	0.82	1.84	0.71	45.6	13.0	8	12.25	26.3
N810938		3.06	0.046	0.53	6.22	75.3	470	1.17	0.84	7.00	2.30	43.1	6.4	5	13.95	35.2
N810939		3.37	0.191	2.76	5.61	168.5	930	0.81	8.67	0.56	16.45	13.00	15.0	8	5.45	102.0
N810940		2.27	<0.005	0.03	0.20	<5	50	0.12	0.06	20.8	0.11	2.36	2.0	1	0.54	2.4
N810941		4.25	0.080	1.18	6.47	48.0	990	1.11	3.72	0.95	1.13	34.7	11.7	8	7.52	65.6
N810942		3.40	0.038	0.61	7.68	20.2	2130	1.40	1.71	1.16	1.26	46.5	6.7	10	12.50	42.7
N810943		4.68	0.009	0.16	7.87	13.9	2450	1.32	0.52	0.48	0.24	46.0	6.1	9	11.75	11.0
N810944		1.82	0.013	0.14	7.57	14.6	2520	1.27	0.45	0.89	0.22	41.5	6.8	9	11.25	16.7
N810945		6.73	0.036	0.27	7.17	12.4	2300	1.40	0.85	2.28	0.24	43.7	8.2	8	10.70	50.7
N810946		4.67	0.036	0.47	6.68	18.8	1790	1.35	3.37	2.71	0.33	41.9	20.1	7	9.44	52.8
N810947		3.49	0.011	0.27	7.65	15.1	2150	1.69	1.53	2.39	0.39	51.9	5.2	8	8.11	33.2
N810948		9.56	0.017	0.25	7.56	17.1	2430	1.47	1.38	2.32	0.27	44.7	8.5	9	9.04	24.3
N810949		0.26	0.784	9.31	6.72	1740	1720	1.40	6.31	1.96	41.9	41.3	18.1	19	16.25	110.5
N810950		6.66	0.015	0.46	7.52	16.0	2430	1.43	2.81	2.43	0.55	47.3	7.0	9	6.24	22.7
N810951		2.89	0.011	0.21	7.38	14.0	1970	1.40	0.91	2.87	0.39	44.1	6.0	7	9.36	7.3
N810952		7.66	0.027	0.21	7.61	15.9	2450	1.45	1.58	2.41	0.43	50.1	5.6	8	5.90	16.8
N810953		2.98	0.061	0.51	7.60	15.0	2850	1.38	8.07	2.00	0.69	38.7	8.3	8	8.33	48.2
N810954		5.39	0.011	0.23	7.49	14.6	2360	1.49	1.94	2.50	0.50	42.6	7.0	9	6.34	26.9
N810955		6.16	0.011	0.27	7.58	17.0	2400	1.51	2.77	2.45	0.90	44.7	6.9	9	5.83	11.0
N810956		7.19	0.059	0.69	6.25	20.7	2230	1.13	4.68	2.64	1.37	34.9	6.2	8	8.47	29.6
N810957		2.20	<0.005	0.01	0.12	<5	50	0.06	0.08	21.4	0.07	1.45	1.6	<1	0.25	2.4
N810958		4.57	0.041	0.39	6.21	23.9	2060	1.09	2.86	2.40	0.90	41.9	6.9	14	5.79	23.4
N810959		7.56	0.026	0.39	7.24	15.1	2330	1.51	2.43	2.56	1.08	43.6	5.5	8	5.40	29.1
N810960		6.71	0.020	0.34	7.45	13.7	2030	1.39	2.70	2.23	0.38	49.7	4.5	9	6.34	22.2
N810961		5.04	0.051	1.20	6.95	22.7	2230	1.27	4.36	1.99	0.71	47.6	8.2	9	4.37	159.5
N810962		3.38	0.015	0.64	7.03	15.0	2220	1.44	2.27	2.58	1.76	46.9	4.9	8	5.31	35.6
N810963		1.96	0.030	0.43	7.57	35.0	1830	1.37	1.74	2.86	1.21	49.6	8.6	9	7.28	26.7



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**CERTIFICATE OF ANALYSIS WH12206367**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810928		3.17	18.60	0.21	1.3	0.104	3.05	25.0	15.7	0.63	406	1.56	1.69	8.8	2.7	590
N810929		3.13	19.30	0.19	1.4	0.096	2.86	24.7	32.4	0.27	560	1.91	0.22	9.1	2.6	610
N810930		6.47	15.25	0.21	0.9	1.740	2.57	24.4	24.1	0.88	1820	13.90	0.04	6.4	15.3	430
N810931		2.95	18.35	0.21	1.3	0.101	2.89	26.6	26.6	0.74	352	2.30	2.11	8.7	2.9	580
N810932		3.11	19.35	0.22	1.4	0.108	3.16	22.2	28.4	0.74	459	1.64	2.19	9.1	2.8	620
N810933		3.13	18.70	0.24	1.3	0.099	3.09	27.6	22.6	0.74	355	1.57	2.03	8.5	2.6	570
N810934		3.04	18.80	0.22	1.3	0.094	3.08	25.8	23.8	0.75	354	1.77	2.11	8.8	2.7	570
N810935		2.98	18.50	0.20	1.4	0.101	2.62	27.5	44.9	0.45	711	2.18	0.13	8.6	2.6	580
N810936		3.20	17.50	0.19	1.2	0.127	1.71	19.6	59.1	0.58	1030	5.18	0.03	7.9	2.9	590
N810937		2.76	17.35	0.19	1.3	0.161	1.69	23.7	64.5	0.62	874	2.63	0.06	7.9	2.1	580
N810938		2.80	14.80	0.18	1.1	0.160	2.25	23.3	34.0	0.57	1410	7.95	0.03	7.3	2.2	500
N810939		9.65	14.65	0.24	0.8	0.171	2.65	7.1	12.4	0.32	352	23.5	0.05	3.6	4.3	390
N810940		0.49	0.68	0.30	<0.1	0.005	0.09	1.1	2.5	12.55	205	0.33	0.01	0.5	3.8	250
N810941		7.39	16.35	0.22	0.9	0.247	3.22	19.3	6.3	0.59	535	2.58	0.05	4.0	2.3	420
N810942		3.08	19.30	0.18	1.2	0.188	3.68	23.9	20.2	0.39	498	1.05	0.15	8.2	2.5	600
N810943		2.81	19.15	0.18	1.3	0.083	2.88	24.0	31.6	0.25	500	1.22	0.10	9.1	2.5	600
N810944		2.79	18.20	0.18	1.2	0.082	2.79	21.5	32.2	0.28	536	1.31	0.09	8.8	2.7	590
N810945		2.94	17.95	0.22	1.2	0.136	2.75	23.1	18.9	0.79	338	0.97	1.52	8.6	2.5	560
N810946		2.48	18.10	0.20	1.1	0.164	2.54	23.6	18.2	0.85	337	9.30	1.15	7.2	2.4	470
N810947		2.93	19.20	0.23	1.5	0.162	2.64	27.6	16.4	0.90	375	0.71	2.28	9.1	2.3	620
N810948		3.07	16.00	0.11	1.3	0.129	2.65	25.7	13.9	0.94	399	1.23	2.17	7.8	2.5	600
N810949		5.30	14.95	0.17	1.3	0.955	3.00	22.3	23.4	0.71	2050	12.45	0.27	7.4	16.1	500
N810950		3.20	15.75	0.14	1.1	0.176	2.53	26.7	10.4	0.91	425	0.59	2.18	7.9	2.3	590
N810951		3.08	15.85	0.14	1.2	0.139	2.42	24.4	9.1	0.83	419	0.37	2.09	8.1	2.2	580
N810952		3.20	16.15	0.15	1.2	0.160	2.56	27.4	10.3	0.94	432	0.38	2.30	8.3	2.3	620
N810953		2.45	15.95	0.14	1.2	0.189	2.99	20.9	13.1	1.01	408	1.97	1.69	8.1	2.1	630
N810954		2.69	16.35	0.16	1.2	0.176	2.90	22.6	9.1	0.85	401	0.81	2.18	8.2	2.2	580
N810955		2.62	16.50	0.17	1.2	0.206	2.91	23.5	8.3	0.84	366	1.00	2.28	7.9	2.2	580
N810956		2.46	12.40	0.15	0.9	0.317	2.67	17.7	8.1	0.72	369	1.13	1.17	6.5	1.7	490
N810957		0.52	0.35	0.07	<0.1	0.008	0.06	0.8	1.0	12.80	228	0.09	0.02	0.3	1.7	170
N810958		2.39	12.25	0.13	0.9	0.265	2.58	23.2	6.8	0.73	344	0.90	1.40	6.2	1.9	470
N810959		2.62	16.25	0.09	1.0	0.288	2.82	21.3	8.0	0.84	393	0.57	2.17	8.0	2.7	550
N810960		2.87	15.85	0.11	1.1	0.242	2.91	26.6	9.4	0.83	379	0.58	1.96	7.5	2.5	540
N810961		3.52	15.85	0.13	1.0	0.327	3.24	23.5	9.0	0.82	411	2.40	1.63	7.2	2.6	520
N810962		2.65	15.90	0.10	1.1	0.249	2.89	22.6	9.6	0.79	407	0.51	2.19	7.7	2.4	520
N810963		3.70	16.90	0.12	1.0	0.414	2.69	24.4	9.3	0.96	496	1.49	1.73	7.1	4.0	520



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**CERTIFICATE OF ANALYSIS WH12206367**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N810928		23.9	116.5	<0.002	0.57	3.96	11.6	1	2.4	299	0.69	0.28	13.1	0.255	4.7
N810929		34.6	118.5	<0.002	0.28	18.75	12.6	1	2.3	85.4	0.71	0.06	14.5	0.267	2.9
N810930		2730	161.0	<0.002	4.57	87.7	8.4	1	8.0	91.6	0.46	0.39	10.4	0.178	5.0
N810931		19.7	112.0	<0.002	0.42	5.12	11.6	1	3.3	285	0.67	0.09	13.3	0.249	4.0
N810932		30.2	106.0	<0.002	0.33	5.40	11.5	1	2.6	327	0.74	0.06	12.4	0.265	4.2
N810933		30.8	122.5	<0.002	0.55	5.40	11.5	1	2.3	295	0.68	0.07	14.4	0.241	4.3
N810934		26.5	119.5	<0.002	0.39	5.10	11.4	1	2.3	297	0.69	0.06	13.7	0.251	4.0
N810935		34.7	114.5	<0.002	0.43	21.9	12.5	1	2.7	104.0	0.69	0.08	14.7	0.247	4.6
N810936		207	66.9	<0.002	1.34	31.5	10.7	1	3.2	159.0	0.62	0.15	10.8	0.225	7.4
N810937		29.4	71.6	<0.002	0.81	23.0	11.1	1	2.8	153.5	0.64	0.08	12.4	0.229	10.0
N810938		88.4	110.5	<0.002	1.72	20.2	9.4	1	4.3	221	0.58	0.05	11.6	0.203	11.8
N810939		443	124.0	<0.002	>10.0	43.5	7.5	4	9.5	20.8	0.28	2.58	8.9	0.125	5.8
N810940		3.1	4.5	<0.002	0.02	0.20	0.5	1	<0.2	42.6	<0.05	<0.05	0.2	0.008	0.6
N810941		44.6	180.0	<0.002	7.04	9.53	8.7	3	8.6	35.4	0.34	1.02	11.4	0.140	3.5
N810942		49.0	178.0	<0.002	1.40	10.90	12.6	1	3.5	90.2	0.62	0.52	13.3	0.236	4.8
N810943		18.7	121.5	<0.002	0.33	18.70	12.2	1	2.5	74.0	0.71	0.10	14.6	0.261	3.7
N810944		19.7	114.0	<0.002	0.36	18.30	11.3	1	3.3	85.6	0.67	0.08	12.8	0.251	3.6
N810945		18.2	95.9	<0.002	0.40	5.70	11.2	1	3.1	256	0.67	0.08	12.1	0.246	3.1
N810946		18.9	119.0	0.002	0.80	5.96	10.1	1	2.6	215	0.56	0.13	11.5	0.202	3.2
N810947		21.9	93.1	<0.002	0.36	4.16	12.5	1	2.7	346	0.75	0.05	14.4	0.255	4.1
N810948		20.0	95.4	<0.002	0.42	4.52	11.0	1	2.4	350	0.71	<0.05	12.6	0.252	3.7
N810949		1390	160.0	<0.002	3.16	32.0	9.5	1	5.8	155.5	0.65	0.26	11.7	0.214	4.8
N810950		29.5	101.5	<0.002	0.50	4.13	11.2	1	2.3	341	0.70	0.06	13.9	0.252	3.7
N810951		20.9	89.6	<0.002	0.46	2.13	10.9	1	2.3	311	0.70	0.05	13.2	0.249	3.6
N810952		21.1	89.6	<0.002	0.43	2.80	11.4	1	2.0	392	0.74	0.08	13.4	0.266	4.0
N810953		42.3	115.5	<0.002	0.61	3.67	11.2	1	4.3	290	0.71	0.08	13.6	0.263	3.5
N810954		24.2	97.6	<0.002	0.43	2.80	10.7	1	2.9	346	0.70	0.12	12.9	0.247	3.5
N810955		42.4	107.0	<0.002	0.63	3.38	10.9	1	2.3	361	0.69	0.09	13.0	0.237	3.7
N810956		53.3	122.0	<0.002	1.04	4.64	9.1	1	2.6	215	0.55	0.17	11.6	0.199	3.4
N810957		1.8	3.1	<0.002	0.03	0.08	0.4	1	0.2	46.8	<0.05	<0.05	0.2	0.005	0.4
N810958		39.3	102.5	<0.002	1.00	3.71	8.8	1	2.5	244	0.57	0.17	11.8	0.202	3.9
N810959		39.3	95.9	<0.002	0.68	5.52	10.1	1	2.0	328	0.65	0.17	12.5	0.260	4.0
N810960		23.1	114.5	<0.002	0.52	3.69	10.1	1	2.0	285	0.61	0.10	14.4	0.244	4.2
N810961		32.9	127.5	<0.002	1.23	2.68	9.7	1	3.8	257	0.61	0.46	13.4	0.231	4.5
N810962		67.1	94.9	<0.002	0.39	2.71	9.9	1	1.8	345	0.65	0.10	13.7	0.241	4.2
N810963		27.8	121.5	<0.002	1.52	3.22	10.3	1	3.2	268	0.60	0.16	15.1	0.235	5.4



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**CERTIFICATE OF ANALYSIS WH12206367**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N810928		68	2.6	16.0	71	35.7	<1
N810929		71	5.2	16.6	84	38.8	<1
N810930		54	4.9	10.0	5190	23.4	26
N810931		67	2.6	16.0	54	35.4	<1
N810932		71	2.7	16.8	83	36.2	<1
N810933		65	2.6	15.6	61	35.1	<1
N810934		67	2.5	14.9	61	36.6	<1
N810935		66	4.3	16.1	80	38.7	<1
N810936		64	5.1	12.3	148	33.6	1
N810937		64	4.9	13.3	95	34.2	<1
N810938		59	5.0	14.1	233	31.6	1
N810939		56	7.5	5.5	1390	21.5	3
N810940		4	0.2	1.1	18	0.5	<1
N810941		62	6.4	10.6	108	25.6	1
N810942		70	2.6	15.8	126	32.6	<1
N810943		68	4.5	14.8	61	36.3	<1
N810944		64	4.4	14.4	57	34.8	<1
N810945		65	2.2	15.7	60	31.6	1
N810946		68	3.8	12.4	57	30.2	1
N810947		69	3.1	18.2	59	39.5	<1
N810948		71	4.2	15.2	62	34.9	1
N810949		61	5.5	11.3	3130	42.6	10
N810950		73	2.0	15.8	78	32.4	<1
N810951		69	1.9	16.6	69	35.3	<1
N810952		74	1.7	17.7	77	36.1	1
N810953		73	2.5	13.3	102	34.2	1
N810954		69	2.3	16.7	79	34.0	1
N810955		70	1.4	17.1	93	34.4	<1
N810956		58	2.1	14.8	129	25.1	1
N810957		3	0.1	0.9	16	0.6	<1
N810958		58	1.4	14.7	94	25.1	1
N810959		66	1.5	16.3	117	25.7	1
N810960		60	2.1	16.7	68	26.5	1
N810961		59	2.5	18.5	91	24.8	1
N810962		62	1.2	18.4	153	28.2	1
N810963		67	2.4	19.8	124	24.0	1



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



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Project: Klaza-121

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
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Plus Appendix Pages  
Finalized Date: 19-SEP-2012  
Account: ROCKHA

Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12206368**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N810964		5.14	0.011	0.22	8.01	14.8	2450	1.57	1.04	2.51	0.26	53.9	6.3	12	8.70	13.9
N810965		0.26	0.744	9.45	6.82	1745	1070	1.34	6.08	1.99	40.3	43.9	15.8	19	16.55	110.0
N810966		6.15	0.032	0.26	7.43	14.6	2270	1.54	1.61	2.61	0.26	44.0	5.5	9	8.66	12.6
N810967		5.38	0.026	0.42	7.71	17.7	2310	1.40	1.41	2.16	0.60	52.4	6.4	8	12.00	29.3
N810968		3.74	0.008	0.23	7.94	13.7	1830	1.33	0.69	1.05	0.62	46.9	6.3	7	17.50	13.7
N810969		3.34	0.019	0.39	7.06	12.6	2130	1.47	1.30	2.44	1.38	44.2	6.7	7	13.80	32.9
N810970		6.86	0.014	0.36	7.41	12.6	2390	1.50	0.94	2.36	1.34	47.4	6.1	9	13.40	28.0
N810971		3.03	0.059	1.13	7.07	55.4	1250	1.45	6.39	2.03	1.03	57.1	8.8	7	19.40	36.8
N810972		1.30	<0.005	0.02	0.08	<5	30	<0.05	0.02	20.4	0.06	1.11	0.6	<1	0.21	1.6
N810973		4.27	0.026	0.28	7.03	27.2	880	1.41	0.87	2.22	0.73	42.3	5.8	6	20.8	12.1
N810974		2.47	0.085	0.52	5.60	46.5	1220	1.10	1.85	4.25	1.37	40.9	12.2	5	12.45	32.1
N810975		4.05	0.083	0.56	6.30	35.3	1090	1.22	1.87	4.83	1.36	39.1	6.5	6	14.60	34.3
N810976		2.45	0.152	0.52	7.15	33.5	2260	1.31	1.42	2.03	0.25	44.7	6.1	7	10.60	141.5
N810977		3.31	0.068	0.20	7.58	9.4	2070	1.34	0.87	2.23	0.24	43.3	4.8	9	8.92	14.0
N810978		1.43	0.088	0.25	7.66	7.9	2100	1.22	0.94	1.97	0.29	43.5	4.3	8	8.89	15.7
N810979		2.80	0.071	0.28	7.24	13.0	2350	1.44	0.77	2.29	0.21	42.1	7.0	10	8.35	32.0
N810980		4.28	0.237	0.26	7.77	21.4	2340	1.45	0.99	2.20	0.27	49.2	6.4	11	7.34	30.3
N810981		3.98	0.049	0.23	7.44	14.6	2680	1.49	1.12	2.14	0.22	44.7	8.6	10	5.49	7.2
N810982		2.77	0.152	0.53	7.23	17.5	2010	1.33	2.45	2.18	0.71	48.4	11.7	10	3.66	49.6
N810983		4.74	0.019	0.16	7.73	12.7	2330	1.54	0.51	2.27	0.17	47.2	6.3	11	6.65	17.6
N810984		3.39	0.007	0.15	6.67	10.9	2160	1.44	0.45	2.12	0.36	44.4	5.5	9	6.97	11.4
N810985		2.51	0.006	0.16	7.11	18.3	2020	1.43	0.90	2.45	0.25	45.0	6.0	8	9.16	12.6
N810986		3.98	0.010	0.09	6.91	11.8	2150	1.54	0.50	2.48	0.18	46.9	6.3	11	6.99	10.7
N810987		0.26	2.18	26.7	5.70	3030	600	1.19	19.15	2.24	78.5	41.1	10.7	18	14.70	436
N810988		7.74	0.015	0.39	6.87	12.5	2190	1.50	0.53	2.15	0.25	47.0	6.6	10	6.70	12.1
N810989		3.99	0.126	0.62	6.96	31.4	2370	1.30	2.31	2.37	0.71	41.8	6.9	8	12.35	21.3
N810990		2.64	0.009	0.47	6.76	8.5	2260	1.39	2.79	2.55	0.90	42.1	5.1	8	10.40	23.9
N810991		2.32	0.084	0.90	6.72	72.8	80	1.58	3.71	2.93	0.66	42.3	28.2	6	13.30	21.4
N810992		3.55	0.054	0.55	6.99	12.8	1200	1.52	2.43	2.40	0.89	66.9	7.5	9	12.85	20.8
N810993		1.91	0.129	3.81	7.32	137.5	240	1.48	11.85	1.30	5.62	62.4	6.3	8	11.80	166.0
N810994		6.90	0.073	1.90	7.56	54.2	950	1.45	5.04	1.44	4.24	60.0	6.5	9	14.75	100.0
N810995		<0.02	0.063	1.68	7.16	51.1	1000	1.38	4.77	1.33	3.76	54.3	6.3	13	13.65	95.2
N810996		6.93	0.197	2.19	7.63	107.5	2190	1.34	12.15	2.13	1.85	47.2	8.1	9	12.20	125.5
N810997		2.78	0.356	5.56	6.75	354	150	1.30	28.2	1.46	4.30	47.6	8.2	7	13.50	379
N810998		4.73	0.123	1.83	7.08	115.0	1180	1.50	5.54	2.77	3.87	50.6	8.6	7	16.95	154.0
N810999		2.80	<0.005	0.07	0.08	<5	50	0.07	0.10	20.5	0.07	1.60	0.6	<1	0.21	3.1





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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 19-SEP-2012  
Account: ROCKHA

Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12206368**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N810964		3.14	17.40	0.10	1.4	0.122	3.25	27.7	12.7	0.91	415	1.23	2.54	8.6	2.9	590
N810965		5.59	14.90	0.12	1.2	0.915	2.99	22.4	23.8	0.73	2010	12.35	0.28	7.2	15.5	500
N810966		3.21	16.50	0.10	1.4	0.182	3.15	20.9	12.6	0.86	435	2.14	2.09	8.2	2.5	560
N810967		2.99	17.30	0.11	1.3	0.246	3.14	26.1	17.2	0.62	368	0.62	1.38	8.4	2.6	560
N810968		2.72	17.60	0.09	1.3	0.111	2.87	23.4	30.4	0.40	515	0.66	0.09	8.4	2.7	580
N810969		2.83	16.40	0.11	1.2	0.160	2.93	21.1	17.4	0.77	405	0.63	2.12	7.9	2.5	540
N810970		2.99	16.75	0.11	1.3	0.148	2.89	23.4	18.5	0.69	447	0.82	1.73	8.1	2.6	570
N810971		3.77	15.60	0.13	1.2	0.275	2.60	31.5	34.9	0.73	663	0.89	0.07	6.7	2.1	530
N810972		0.45	0.21	<0.05	<0.1	0.007	0.03	0.6	0.9	12.65	196	0.10	0.01	0.2	1.5	150
N810973		2.51	14.90	0.07	1.2	0.155	2.42	22.9	34.0	0.71	517	1.37	0.04	7.2	1.8	520
N810974		3.26	11.80	0.08	0.8	0.158	2.17	21.4	20.6	0.98	884	5.13	0.04	5.7	2.1	420
N810975		3.20	14.50	0.08	1.0	0.209	2.33	19.8	18.0	0.64	635	0.92	0.42	7.4	2.0	510
N810976		3.24	15.20	0.07	1.3	0.085	2.54	21.7	20.1	0.53	437	1.90	0.94	7.8	2.1	550
N810977		2.97	15.85	0.07	1.3	0.076	2.92	23.5	17.4	0.55	373	0.69	1.62	8.3	2.1	590
N810978		2.95	16.55	0.08	1.3	0.088	2.99	25.1	18.6	0.48	363	0.80	1.46	8.7	2.0	590
N810979		3.06	15.75	0.09	1.3	0.106	2.84	21.2	17.1	0.86	407	0.50	2.28	8.3	2.4	580
N810980		3.09	16.40	0.09	1.2	0.079	2.89	28.3	13.9	0.88	402	0.65	2.46	8.4	2.4	580
N810981		2.95	15.45	0.08	1.2	0.100	2.79	25.0	10.7	0.81	352	0.67	2.46	7.9	2.2	550
N810982		2.65	15.50	0.06	1.2	0.135	2.58	24.5	9.4	0.74	330	2.19	2.27	7.7	2.2	540
N810983		3.04	15.65	0.09	1.5	0.056	2.69	25.5	9.6	0.85	365	1.36	2.50	8.1	2.3	570
N810984		2.70	15.25	0.10	1.5	0.077	2.63	22.5	10.4	0.79	409	0.64	2.32	7.7	2.3	540
N810985		2.91	15.85	0.09	1.4	0.086	2.68	23.0	12.8	0.79	435	0.78	2.02	7.6	2.3	550
N810986		2.72	15.00	0.09	1.4	0.086	2.67	23.7	11.4	0.74	388	0.58	1.99	7.3	2.2	530
N810987		6.29	13.80	0.11	0.9	1.705	2.68	22.0	24.8	0.89	1890	12.70	0.04	5.9	15.7	430
N810988		2.68	15.75	0.12	1.4	0.075	2.76	24.5	11.8	0.79	390	1.09	2.32	7.8	2.3	560
N810989		3.29	14.10	0.11	1.3	0.192	3.20	21.5	15.0	0.66	536	0.73	0.91	6.9	2.1	530
N810990		2.76	14.85	0.12	1.2	0.096	2.82	21.0	12.2	0.65	539	0.79	1.72	7.3	2.3	530
N810991		7.09	15.95	0.12	1.1	0.226	3.12	19.9	21.2	0.85	1420	4.27	0.26	6.4	12.8	510
N810992		3.41	15.95	0.11	1.0	0.395	2.43	39.6	12.5	0.66	447	1.84	1.37	6.6	2.3	570
N810993		5.05	16.35	0.13	1.2	0.338	3.21	34.7	18.2	0.59	483	0.68	0.39	7.5	2.6	580
N810994		4.97	17.15	0.10	1.3	0.498	3.41	31.4	28.5	0.84	841	0.59	0.24	7.7	2.5	620
N810995		4.68	16.20	0.11	1.1	0.433	3.24	29.2	26.9	0.79	777	0.53	0.23	7.2	2.5	580
N810996		3.39	16.10	0.12	1.2	0.281	3.05	23.2	23.0	0.67	631	0.66	0.89	8.0	2.6	610
N810997		6.07	15.95	0.11	1.2	0.573	3.04	25.2	12.0	0.67	573	1.40	0.04	6.7	2.4	480
N810998		3.28	15.30	0.10	1.2	0.330	2.95	27.5	23.9	0.98	908	1.13	0.09	7.1	2.3	550
N810999		0.46	0.26	0.07	<0.1	0.009	0.04	0.7	1.4	12.30	202	0.08	<0.01	0.2	1.4	450



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Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12206368**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N810964		22.3	115.0	<0.002	0.41	2.25	10.8	1	1.9	415	0.75	0.08	15.8	0.274	1.35	4.9
N810965		1405	167.5	0.002	3.23	32.7	8.7	1	5.4	146.5	0.59	0.25	12.4	0.217	2.44	5.2
N810966		20.8	115.5	<0.002	0.71	2.82	10.0	1	2.4	330	0.71	0.25	12.9	0.262	1.62	4.3
N810967		31.2	121.0	<0.002	0.79	7.88	10.4	1	2.8	241	0.68	0.23	14.4	0.266	1.64	4.2
N810968		25.2	117.0	<0.002	0.38	18.75	10.7	1	1.9	71.5	0.70	0.08	14.8	0.268	1.59	3.9
N810969		54.2	103.0	<0.002	0.71	2.93	10.0	1	1.8	333	0.65	0.17	12.3	0.258	1.46	4.0
N810970		48.0	109.5	<0.002	0.40	4.92	10.5	1	1.8	301	0.68	0.08	13.4	0.259	1.49	3.9
N810971		43.3	125.0	<0.002	1.61	19.65	9.6	2	5.4	85.6	0.58	0.14	14.2	0.230	1.98	4.5
N810972		1.6	1.4	0.002	<0.01	0.12	0.2	1	<0.2	36.9	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N810973		28.8	87.6	<0.002	0.75	14.35	9.3	1	2.3	92.7	0.55	0.09	12.0	0.221	2.08	5.4
N810974		52.2	108.5	0.002	1.73	20.0	8.2	1	3.4	129.0	0.43	0.27	10.1	0.177	1.87	4.1
N810975		34.1	76.3	<0.002	1.45	13.25	9.5	1	4.3	192.0	0.55	0.31	10.2	0.221	1.78	4.1
N810976		23.9	86.4	<0.002	0.74	21.8	9.4	2	2.3	226	0.60	0.41	11.5	0.243	1.39	3.5
N810977		18.4	100.0	<0.002	0.50	5.33	10.1	1	2.4	255	0.63	0.22	12.9	0.254	1.44	3.5
N810978		20.4	106.0	0.003	0.52	6.24	10.5	2	2.7	233	0.66	0.21	12.6	0.261	1.52	3.4
N810979		19.2	88.6	0.002	0.45	2.82	10.3	1	2.4	355	0.64	0.15	11.9	0.254	1.38	3.7
N810980		21.1	105.5	0.003	0.45	2.29	10.7	1	2.2	400	0.63	0.26	14.7	0.254	1.32	4.5
N810981		22.0	93.2	0.002	0.87	1.50	9.8	2	1.9	378	0.63	0.31	13.2	0.239	1.36	4.1
N810982		49.1	110.5	<0.002	0.84	2.13	10.1	2	2.6	306	0.61	1.03	13.3	0.235	1.49	4.4
N810983		18.8	94.7	<0.002	0.43	1.19	10.5	2	1.7	417	0.69	0.12	13.6	0.246	1.24	4.6
N810984		19.9	93.1	0.004	0.14	1.17	10.4	1	1.8	407	0.61	0.08	13.3	0.233	1.08	4.2
N810985		21.6	91.6	0.002	0.36	1.66	9.8	1	2.2	352	0.61	0.11	12.8	0.239	1.11	4.0
N810986		19.5	89.9	0.003	0.32	1.28	9.7	<1	1.8	316	0.60	0.06	13.5	0.238	1.01	3.9
N810987		2760	157.0	0.004	4.60	88.5	8.0	1	7.9	89.1	0.48	0.37	10.3	0.184	2.32	5.1
N810988		22.1	95.3	0.003	0.25	1.28	10.2	<1	1.8	375	0.63	0.09	13.8	0.241	1.08	4.3
N810989		57.5	112.5	<0.002	1.18	5.29	9.1	1	3.5	225	0.60	0.14	12.1	0.233	1.97	3.7
N810990		56.0	92.7	<0.002	0.22	2.59	9.2	<1	2.3	327	0.61	0.08	12.5	0.230	1.53	3.6
N810991		53.2	123.0	0.004	6.19	10.70	8.3	2	6.8	123.0	0.52	0.29	10.9	0.207	2.46	4.7
N810992		37.3	93.3	0.004	1.54	4.68	9.8	1	4.3	238	0.55	0.52	11.5	0.219	2.14	4.1
N810993		255	138.0	0.002	3.14	14.50	11.0	2	10.5	117.0	0.58	1.49	12.8	0.253	2.52	4.5
N810994		141.0	156.0	0.002	1.81	10.15	11.2	1	8.4	107.0	0.58	0.28	13.4	0.255	2.79	4.3
N810995		131.5	151.5	0.003	1.67	9.45	10.6	1	7.8	103.0	0.56	0.22	12.8	0.236	2.63	4.1
N810996		104.0	111.5	0.003	1.24	8.12	10.6	1	3.8	238	0.62	0.17	12.6	0.265	1.90	4.3
N810997		222	167.5	0.002	5.81	13.05	9.4	4	9.1	57.2	0.56	0.56	12.3	0.212	2.88	4.9
N810998		247	130.0	0.002	1.90	6.48	9.5	1	5.9	140.0	0.58	0.36	13.1	0.231	2.77	4.4
N810999		2.0	1.5	0.003	0.01	0.11	0.2	<1	0.2	51.7	<0.05	<0.05	0.2	<0.005	<0.02	0.7



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Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12206368**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N810964		68	1.0	18.4	60	35.9	<1
N810965		57	5.3	11.4	2950	34.0	10
N810966		64	2.2	16.8	62	34.2	<1
N810967		64	2.4	15.8	83	32.0	<1
N810968		63	4.6	14.1	77	32.7	<1
N810969		63	1.4	14.1	125	29.7	1
N810970		64	1.8	15.2	119	31.3	1
N810971		62	6.6	14.1	113	28.6	1
N810972		2	0.1	0.7	12	<0.5	<1
N810973		61	3.4	11.0	89	29.1	1
N810974		54	3.7	12.5	123	20.5	1
N810975		63	3.8	14.4	153	27.0	1
N810976		63	4.5	13.2	57	31.5	1
N810977		67	4.6	14.8	47	34.6	<1
N810978		68	5.7	14.5	44	32.3	<1
N810979		68	1.4	15.0	49	30.7	<1
N810980		67	1.2	16.4	52	33.2	<1
N810981		63	1.1	14.6	49	29.6	<1
N810982		68	1.3	15.4	78	28.9	1
N810983		65	1.1	15.5	40	36.7	<1
N810984		63	1.1	15.9	53	36.7	1
N810985		64	2.2	15.7	47	36.4	<1
N810986		65	2.0	14.6	43	35.8	<1
N810987		56	5.1	9.2	5470	25.0	25
N810988		66	1.3	16.8	46	36.0	<1
N810989		64	3.5	12.3	102	28.2	1
N810990		63	1.6	13.3	118	30.8	1
N810991		62	4.3	13.5	87	27.3	1
N810992		69	2.4	14.5	127	23.6	1
N810993		72	10.9	12.3	560	29.2	4
N810994		72	9.5	12.8	406	28.9	2
N810995		66	8.9	12.0	354	27.6	2
N810996		72	4.2	14.5	189	29.1	2
N810997		58	9.6	10.3	372	28.1	5
N810998		64	5.5	13.7	415	29.7	2
N810999		2	0.1	1.0	17	<0.5	<1



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**CERTIFICATE OF ANALYSIS WH12206368**

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



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**CERTIFICATE WH12206369**

Project: Klaza-121

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12206369**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N811000		3.00	0.369	4.10	7.17	189.0	200	1.48	7.34	0.89	18.35	50.0	6.2	7	11.95	212
N812566		2.31	0.054	0.38	5.75	39.4	1120	1.57	0.99	1.92	0.33	28.8	10.0	7	11.85	71.8
N812567		3.82	0.023	0.25	7.16	24.6	2030	1.51	0.70	2.37	0.33	41.1	6.6	8	11.60	16.2
N812568		2.85	0.343	6.25	6.93	163.5	380	1.38	978	2.22	1.31	51.2	9.6	9	14.15	1910
N812569		6.71	0.072	0.69	7.25	48.8	1910	1.57	5.27	2.58	1.41	44.3	6.1	9	12.60	72.8
N812570		<0.02	0.059	0.61	7.14	45.6	1880	1.48	4.89	2.51	1.34	41.6	6.0	9	12.30	70.9
N812571		3.07	0.182	1.31	7.55	122.5	810	1.59	4.94	2.27	4.36	50.1	9.7	9	12.45	88.4
N812572		6.02	0.049	0.22	7.43	22.0	2080	1.51	1.08	2.46	0.23	46.7	7.3	9	12.15	21.7
N812573		0.26	2.21	25.6	6.09	3260	640	1.28	20.4	2.20	76.5	40.5	10.3	18	13.90	429
N812574		5.10	0.028	0.32	7.39	12.9	2090	1.55	1.14	2.24	0.48	47.4	8.2	8	10.15	22.9
N812575		5.57	0.026	0.27	7.73	13.7	2120	1.44	0.70	1.98	1.06	46.1	7.7	8	13.30	10.6
N812576		3.72	0.925	10.10	6.52	977	60	1.22	104.0	1.56	1.13	35.3	13.3	6	11.20	800
N812577		2.04	<0.005	0.02	0.09	<5	30	0.08	0.25	20.3	0.06	1.37	1.2	<1	0.27	3.3
N812578		3.35	0.158	0.94	7.46	97.5	160	1.59	4.89	0.70	1.13	61.0	11.7	9	9.91	78.6
N812579		2.79	0.143	0.42	7.52	165.0	1680	1.57	1.48	1.82	0.91	44.3	7.2	7	20.4	36.4
N812580		6.52	0.327	0.46	7.45	50.1	1310	1.45	1.03	2.65	0.63	47.0	10.3	7	15.20	21.0
N812581		2.40	1.235	1.58	7.41	292	310	1.32	3.79	1.68	0.84	54.2	9.2	7	14.00	145.0
N812582		3.92	0.553	0.44	7.43	63.8	1400	1.54	2.11	2.47	0.53	45.9	7.6	7	17.45	42.1
N812583		2.52	0.077	0.92	7.75	64.3	700	1.46	4.61	1.74	0.88	47.2	10.4	7	13.80	83.1
N812584		3.53	0.434	2.40	7.07	141.5	170	1.39	60.7	1.93	0.90	43.6	7.9	7	13.25	266
N812585		2.59	1.220	2.48	7.59	180.5	1310	1.41	16.90	1.93	0.55	52.0	7.5	7	11.75	223
N812586		2.94	0.262	2.27	7.73	144.5	1150	1.22	27.7	1.87	0.48	48.2	7.1	7	14.85	373
N812587		3.62	0.531	3.61	5.47	315	120	1.12	86.7	0.94	1.82	38.8	11.0	6	18.35	511
N812588		2.25	<0.005	0.02	0.06	<5	20	0.06	0.25	19.85	0.06	1.09	1.4	<1	0.18	5.2
N812589		4.69	0.096	0.53	7.52	41.0	1300	1.44	21.7	1.70	0.78	50.1	5.2	8	10.60	66.5
N812590		4.54	0.299	2.07	7.21	91.2	720	1.41	21.5	2.30	1.82	62.0	6.9	7	13.65	215
N812591		4.70	0.188	1.65	7.05	115.0	310	1.44	12.50	1.62	2.08	48.1	7.2	7	11.05	146.5
N812592		3.27	0.031	0.29	7.90	13.9	1560	1.18	1.09	0.80	0.56	55.0	6.1	7	9.49	21.2
N812593		0.26	2.33	25.0	5.89	3140	750	1.33	19.35	2.12	75.4	40.3	10.1	17	13.80	415
N812594		3.54	0.043	0.33	7.70	19.4	1450	1.19	0.96	0.64	0.84	43.8	6.2	7	9.41	52.9
N812595		3.26	0.035	0.38	6.39	20.0	890	1.16	1.17	0.91	0.83	50.2	5.4	8	9.54	34.2
N812596		2.48	0.009	0.13	7.06	5.9	1990	1.41	0.31	0.80	0.12	32.9	6.3	7	11.60	14.9
N812597		0.79	0.011	0.15	8.38	8.4	1980	1.42	0.38	0.92	0.19	57.8	5.6	6	13.80	29.7
N812598		2.17	0.033	0.22	7.81	19.4	1470	1.43	1.01	1.53	0.22	45.6	7.1	7	14.50	19.6
N812599		5.72	0.009	0.15	6.83	8.6	2100	1.44	0.69	2.35	0.44	41.7	6.4	12	10.70	12.6
N812600		7.31	0.022	0.14	6.86	9.9	2840	1.39	0.58	2.23	0.28	44.1	5.6	10	10.45	11.2



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**CERTIFICATE OF ANALYSIS WH12206369**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N811000		4.43	18.10	0.16	1.2	1.065	3.23	26.6	9.7	0.53	683	4.18	0.04	6.9	2.3	510
N812566		2.90	17.15	0.22	1.3	0.154	3.18	13.3	31.7	0.54	590	2.31	0.69	8.0	2.7	580
N812567		2.88	17.15	0.15	1.3	0.121	2.89	20.6	20.2	0.71	534	1.22	1.60	7.9	2.7	560
N812568		4.13	16.45	0.19	1.1	1.250	3.06	27.1	14.2	0.74	702	1.16	0.78	7.1	2.7	520
N812569		3.14	17.25	0.14	1.4	0.163	3.06	22.5	17.7	0.76	725	0.91	1.35	8.1	2.6	570
N812570		3.10	16.35	0.13	1.4	0.157	3.00	21.0	17.6	0.74	706	1.04	1.34	7.8	2.6	570
N812571		3.86	17.95	0.16	1.4	0.657	2.92	27.0	20.2	0.76	485	2.17	1.37	7.8	2.8	550
N812572		2.92	17.30	0.15	1.2	0.112	2.82	24.1	24.8	0.77	411	2.32	2.07	7.8	2.8	590
N812573		6.79	14.85	0.19	0.9	1.630	2.59	22.2	26.5	0.92	1880	13.35	0.04	5.9	16.0	450
N812574		2.81	17.30	0.14	1.2	0.143	2.75	24.4	25.0	0.65	347	1.83	1.41	7.7	2.6	570
N812575		2.53	18.00	0.13	1.3	0.142	2.91	23.6	33.5	0.59	402	1.01	0.73	8.1	2.7	610
N812576		7.10	16.10	0.26	1.0	0.621	2.94	16.7	7.3	0.78	1080	8.68	0.05	5.4	2.5	430
N812577		0.48	0.34	0.05	<0.1	0.006	0.03	0.7	1.2	12.60	200	0.14	0.01	0.3	1.8	190
N812578		3.54	18.90	0.17	1.1	0.149	3.38	31.4	8.4	0.52	385	10.35	0.04	6.0	2.3	590
N812579		1.98	18.25	0.12	1.2	0.207	2.92	21.6	13.2	0.67	520	0.49	0.09	7.6	2.6	580
N812580		2.93	17.60	0.14	1.3	0.115	2.24	24.4	93.3	0.82	763	0.65	0.06	7.7	2.8	610
N812581		2.96	17.65	0.15	1.3	0.198	3.08	29.3	14.8	0.68	725	2.09	0.04	7.5	3.2	570
N812582		3.09	18.10	0.14	1.3	0.158	2.70	24.0	129.5	0.76	616	1.44	0.05	7.7	2.9	580
N812583		3.54	17.85	0.15	1.2	0.219	3.03	24.5	41.9	0.62	495	0.79	0.17	6.9	2.7	580
N812584		4.42	18.60	0.16	1.1	0.191	2.72	22.2	42.6	0.65	508	1.12	0.05	6.1	2.7	540
N812585		3.38	18.10	0.13	1.1	0.236	2.50	27.6	52.5	0.73	476	0.98	0.07	6.5	2.8	570
N812586		3.38	17.90	0.13	1.2	0.210	2.67	25.1	67.3	0.65	474	0.87	0.07	7.2	2.7	580
N812587		6.68	12.75	0.21	0.8	0.218	1.94	22.8	43.3	0.41	377	66.5	0.03	4.6	3.0	400
N812588		0.49	0.26	0.05	<0.1	0.005	0.02	0.5	1.1	12.30	212	0.30	<0.01	0.3	2.1	160
N812589		2.73	17.90	0.14	1.1	0.220	2.44	25.7	44.8	0.64	531	1.29	0.06	7.0	2.7	580
N812590		3.79	18.25	0.15	1.0	0.291	2.41	34.6	37.8	0.87	457	1.55	0.06	6.6	2.5	550
N812591		3.37	16.65	0.15	1.1	0.220	2.49	25.8	47.3	0.62	443	3.91	0.05	7.2	2.9	540
N812592		2.58	18.35	0.12	1.2	0.123	1.98	29.9	56.9	0.36	481	2.10	0.07	8.0	2.9	590
N812593		6.40	14.65	0.15	0.9	1.660	2.50	22.2	27.1	0.86	1810	13.45	0.04	5.8	15.9	420
N812594		2.29	18.05	0.11	1.2	0.176	2.01	21.7	55.8	0.30	421	0.87	0.07	7.7	2.6	580
N812595		2.67	16.20	0.12	1.0	0.238	1.57	27.7	43.2	0.32	164	0.87	0.38	7.0	2.6	490
N812596		3.35	18.35	0.18	1.4	0.061	2.83	15.6	49.8	0.58	195	1.60	0.39	8.3	2.8	570
N812597		3.27	18.95	0.14	1.5	0.075	2.87	31.2	49.8	0.56	182	1.87	0.34	9.1	2.7	650
N812598		2.67	18.25	0.12	1.3	0.117	2.52	23.6	52.2	0.65	337	2.36	0.46	8.3	2.6	590
N812599		2.68	16.25	0.12	1.2	0.120	2.50	21.9	21.0	0.78	411	1.68	2.31	8.8	2.7	580
N812600		2.66	16.40	0.15	1.0	0.090	2.69	22.9	17.0	0.80	408	0.87	2.33	8.5	2.7	570



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**CERTIFICATE OF ANALYSIS WH12206369**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N811000		501	190.0	<0.002	4.19	17.70	9.7	2	15.6	52.0	0.58	0.25	12.8	0.212	3.02	3.7
N812566		25.4	84.1	<0.002	0.81	4.01	8.9	1	3.1	183.5	0.65	0.15	8.2	0.246	2.43	3.9
N812567		24.6	110.5	<0.002	0.27	2.24	10.1	1	2.3	302	0.64	<0.05	11.3	0.244	1.85	4.0
N812568		110.0	154.5	<0.002	2.47	11.35	9.5	7	6.3	197.0	0.59	0.55	10.7	0.218	2.39	4.1
N812569		46.6	124.0	<0.002	0.67	4.33	10.0	1	3.1	281	0.68	0.10	11.4	0.240	2.00	4.5
N812570		45.4	117.0	<0.002	0.66	4.16	9.6	1	3.0	278	0.66	0.10	10.9	0.237	1.95	4.2
N812571		92.3	144.5	<0.002	1.86	4.37	10.5	3	5.1	261	0.68	0.12	12.2	0.233	1.97	4.4
N812572		21.0	117.0	<0.002	0.37	2.01	10.5	1	2.7	335	0.64	0.08	12.2	0.245	1.58	4.9
N812573		2780	167.0	<0.002	4.68	88.0	7.9	2	7.6	94.0	0.47	0.40	10.0	0.176	2.30	5.1
N812574		25.0	110.5	<0.002	0.57	5.54	10.3	1	2.9	242	0.65	0.17	12.0	0.245	1.62	3.5
N812575		44.1	117.5	<0.002	0.40	6.63	11.0	2	2.9	183.5	0.68	0.08	12.5	0.258	1.87	4.0
N812576		89.0	162.0	<0.002	6.99	43.4	9.1	16	17.2	61.9	0.43	1.70	9.2	0.164	2.39	3.4
N812577		1.3	2.2	<0.002	0.01	0.14	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
N812578		51.8	195.5	<0.002	3.23	10.05	10.7	3	7.6	43.3	0.51	1.21	11.5	0.195	3.14	3.3
N812579		51.5	137.0	<0.002	0.93	7.07	10.0	1	4.2	126.5	0.66	0.82	12.2	0.234	3.35	5.1
N812580		40.0	98.9	<0.002	0.84	4.78	10.4	1	3.0	189.0	0.65	0.18	11.5	0.243	2.22	3.7
N812581		61.7	190.0	<0.002	2.09	17.65	10.4	2	4.8	92.0	0.64	1.82	12.3	0.226	3.28	4.3
N812582		33.7	121.5	<0.002	1.18	6.79	10.3	2	3.9	149.0	0.64	0.63	11.8	0.240	2.68	4.8
N812583		66.7	144.0	<0.002	1.95	11.70	10.8	2	4.7	154.5	0.61	0.54	12.6	0.209	2.45	6.3
N812584		80.5	132.0	<0.002	3.34	15.35	10.1	2	6.9	121.0	0.51	2.02	10.8	0.198	2.15	4.3
N812585		59.5	144.0	<0.002	1.69	18.60	9.8	1	5.9	128.0	0.53	0.69	12.8	0.210	1.94	3.7
N812586		49.4	114.0	<0.002	1.50	28.6	10.5	2	3.9	120.5	0.60	1.70	11.9	0.232	2.09	4.1
N812587		154.5	117.0	0.003	6.66	142.0	7.2	10	9.5	185.0	0.38	5.86	9.0	0.144	2.03	6.3
N812588		1.5	1.5	<0.002	0.01	0.42	0.2	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.02	0.5
N812589		53.8	122.0	<0.002	1.49	21.2	10.5	1	5.1	97.1	0.62	0.23	12.8	0.227	2.12	3.7
N812590		88.0	113.0	<0.002	2.71	39.9	9.8	4	7.1	98.2	0.57	3.05	11.9	0.201	2.25	3.5
N812591		119.0	127.0	<0.002	2.37	42.2	10.4	3	8.8	70.0	0.62	1.05	11.9	0.220	2.46	4.4
N812592		32.7	97.9	<0.002	0.58	29.6	11.5	1	3.4	74.7	0.71	0.24	14.7	0.244	1.08	4.1
N812593		2650	162.5	<0.002	4.44	86.2	7.8	2	7.6	92.8	0.45	0.36	9.8	0.170	2.25	5.0
N812594		22.1	94.3	<0.002	0.73	45.7	10.2	1	3.4	70.2	0.69	0.22	13.3	0.234	1.07	2.5
N812595		27.0	79.4	<0.002	0.72	23.8	8.7	1	4.2	86.7	0.62	0.31	11.8	0.208	1.01	3.9
N812596		18.6	89.6	<0.002	0.14	5.72	10.3	1	2.5	107.5	0.74	0.05	10.6	0.250	1.27	4.1
N812597		20.6	123.5	<0.002	0.20	9.60	11.3	1	3.0	108.5	0.81	0.10	15.2	0.269	1.25	4.2
N812598		18.5	99.4	<0.002	0.87	10.20	10.9	1	3.6	129.5	0.71	0.23	13.2	0.252	1.40	5.1
N812599		28.0	96.2	<0.002	0.54	2.15	11.1	1	2.2	366	0.71	0.12	12.0	0.250	1.19	4.0
N812600		22.2	101.0	<0.002	0.42	1.46	11.2	1	2.1	457	0.63	0.10	11.6	0.242	1.20	3.5





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 Account: ROCKHA

Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12206369**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N811000		62	9.2	11.5	1670	33.3	5
N812566		68	3.2	11.1	73	36.5	1
N812567		66	2.2	15.0	76	36.5	1
N812568		60	7.8	14.2	143	33.2	7
N812569		65	3.4	15.2	156	41.4	1
N812570		65	3.3	14.3	154	39.1	1
N812571		64	3.2	16.2	371	41.4	2
N812572		68	2.0	16.5	57	35.2	1
N812573		55	5.2	10.3	5310	27.6	25
N812574		69	1.9	15.7	73	34.0	1
N812575		70	2.1	15.8	113	38.6	1
N812576		63	11.3	11.2	109	28.9	10
N812577		2	0.1	0.9	14	1.0	1
N812578		65	5.0	12.6	134	31.0	1
N812579		66	4.6	14.2	86	34.5	1
N812580		69	3.1	15.6	81	38.4	1
N812581		66	6.7	14.4	96	38.7	2
N812582		67	4.5	14.7	81	36.0	<1
N812583		65	4.2	14.8	107	34.1	1
N812584		63	5.4	14.5	102	32.2	3
N812585		64	3.9	14.2	74	33.2	4
N812586		67	5.4	14.2	92	34.0	3
N812587		46	8.5	10.7	154	25.5	4
N812588		2	0.1	0.8	14	<0.5	<1
N812589		68	3.4	14.5	85	31.1	1
N812590		62	3.8	14.3	175	27.7	2
N812591		63	6.0	14.3	199	31.3	2
N812592		67	5.1	15.5	59	33.6	1
N812593		54	5.1	10.2	5210	28.1	25
N812594		61	4.8	13.9	76	32.6	<1
N812595		51	3.6	15.3	78	29.8	1
N812596		66	4.2	13.5	49	38.4	1
N812597		70	4.4	19.0	46	43.3	<1
N812598		67	2.3	15.9	53	36.0	1
N812599		71	1.1	17.5	72	35.2	<1
N812600		69	1.1	17.8	59	32.7	1



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**CERTIFICATE OF ANALYSIS WH12206369**

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



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**CERTIFICATE WH12207080**

Project: Klaza-121

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12207080**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812601		4.09	0.012	0.11	7.04	6.1	2800	1.65	0.52	2.59	0.20	45.5	6.7	17	10.15	12.0
N812602		4.48	0.065	0.23	7.18	12.5	2290	1.67	2.06	2.32	0.26	46.4	7.1	9	9.05	53.8
N812603		2.73	0.022	0.24	7.16	7.0	2200	1.66	1.01	2.09	0.37	47.8	5.2	9	8.45	20.9
N812604		4.61	0.081	0.52	7.15	18.3	2050	1.56	1.77	2.25	1.40	48.8	6.6	8	10.75	31.2
N812605		2.19	0.082	0.45	6.87	12.9	2070	1.51	1.36	2.47	1.61	46.9	7.5	7	11.35	26.1
N812606		4.07	0.051	2.96	7.13	62.6	1230	1.48	23.1	2.05	1.36	43.0	8.2	8	12.00	380
N812607		4.99	0.043	0.38	3.18	12.5	710	0.76	1.71	2.99	0.52	22.0	15.3	12	5.20	19.3
N812608		3.01	0.041	0.29	3.70	17.2	1810	0.98	2.14	2.53	0.33	28.2	5.7	11	12.90	45.6
N812609		2.16	<0.005	<0.01	0.05	<5	20	0.05	0.03	21.5	0.05	0.99	1.1	<1	0.24	1.7
N812610		4.92	0.052	0.57	6.26	15.0	2160	1.31	3.73	3.81	0.76	39.1	3.6	7	16.85	46.9
N812611		8.04	0.023	0.88	6.83	11.9	1890	1.39	8.61	2.63	1.29	44.2	6.9	10	10.85	82.7
N812612		0.26	0.769	9.44	6.46	1510	1510	1.38	6.21	1.92	38.3	41.2	17.0	20	16.40	103.0
N812613		7.96	0.025	0.33	7.18	17.7	1960	1.26	4.44	2.07	0.36	46.5	8.1	7	10.30	50.0
N812614		6.47	0.026	0.31	7.78	11.4	2530	1.80	2.15	1.64	0.33	45.6	10.4	8	10.30	59.1
N812615		2.89	0.149	0.59	5.05	39.0	1000	1.03	3.27	2.29	1.29	34.1	17.8	7	8.97	34.9
N812616		7.19	0.014	0.25	7.09	8.9	2040	1.48	1.44	2.15	0.27	45.8	6.6	8	8.28	45.4
N812617		0.26	2.21	25.9	5.66	2810	1520	1.36	18.70	2.26	74.0	41.7	11.1	19	14.60	442
N812618		4.43	0.015	0.17	7.07	10.3	1990	1.64	0.93	2.56	0.16	44.5	6.8	8	10.05	21.6
N812619		2.92	0.014	0.19	6.76	17.1	1750	1.38	1.20	3.21	0.24	39.5	6.0	7	14.30	18.9
N812620		<0.02	0.015	0.18	6.70	17.9	1770	1.40	1.18	3.28	0.25	38.2	6.5	10	14.45	20.1
N812621		3.10	0.063	0.26	7.11	450	1090	1.35	1.18	2.15	0.27	46.7	9.8	7	22.8	31.9
N812622		4.21	0.084	0.35	4.88	565	1230	1.12	1.13	1.74	0.39	34.7	11.1	7	23.0	47.8
N812623		3.56	0.070	0.27	7.20	118.0	1660	1.52	0.91	2.91	0.76	42.1	7.9	7	15.85	62.0
N812624		3.59	0.213	2.12	7.04	78.5	1180	1.66	1.45	3.19	2.39	44.6	7.4	7	13.65	22.3
N812625		5.46	0.154	6.76	6.99	103.0	500	1.36	83.2	1.22	4.60	47.1	8.4	8	9.05	140.0
N812626		1.94	<0.005	0.02	0.06	<5	20	0.05	0.11	21.2	0.05	1.13	1.1	<1	0.17	1.7
N812627		3.32	0.014	0.30	7.65	9.9	1990	1.59	0.97	1.55	0.72	51.6	7.0	8	11.65	14.3
N812628		2.72	0.503	1.05	6.87	86.9	750	1.53	3.37	1.42	1.27	52.1	10.8	8	11.75	87.0
N812629		6.36	0.110	0.56	7.06	36.5	940	1.57	2.32	2.65	0.64	46.3	8.4	7	9.16	60.4
N812630		4.70	0.022	0.17	7.30	8.9	1990	1.57	0.90	2.13	0.21	47.7	8.1	8	13.10	22.2
N812631		6.15	0.216	0.75	7.45	64.6	1110	1.36	3.25	1.36	0.56	53.6	9.3	8	12.65	87.6
N812632		3.82	0.512	4.68	6.02	200	740	1.36	9.36	1.58	4.28	56.8	6.7	23	13.75	202
N812633		4.58	1.000	13.60	7.11	233	850	1.37	3.12	0.87	4.42	51.4	6.6	7	9.81	3330
N812634		3.77	0.319	0.53	7.41	56.4	1730	1.48	1.01	2.04	0.59	47.1	6.2	7	14.10	59.9
N812635		5.48	0.361	1.47	7.26	84.1	1730	1.61	3.79	1.61	1.15	48.9	6.4	6	13.45	103.5
N812636		4.19	1.515	4.14	6.21	414	990	1.50	9.36	1.63	2.11	47.0	8.7	7	11.75	254



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Account: ROCKHA

Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12207080**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812601		2.80	17.15	0.18	1.1	0.089	2.68	24.7	16.1	0.70	398	1.03	2.07	8.2	2.9	560
N812602		2.75	17.40	0.18	1.1	0.175	2.83	25.2	13.5	0.81	304	1.09	2.12	7.8	2.7	550
N812603		2.94	18.10	0.18	1.1	0.105	2.81	25.9	18.1	0.93	351	1.08	2.03	9.0	2.8	590
N812604		2.80	16.65	0.17	1.0	0.258	2.99	26.1	13.1	0.72	338	0.68	1.23	7.7	2.5	550
N812605		2.70	16.20	0.18	1.0	0.282	2.86	25.1	15.0	0.73	366	0.77	1.16	8.1	2.6	560
N812606		2.91	15.30	0.18	1.0	0.262	2.92	22.9	18.8	0.36	248	5.28	0.15	7.5	2.6	530
N812607		1.33	8.97	0.13	0.4	0.072	1.51	12.8	8.0	0.16	298	30.4	0.12	2.5	2.2	190
N812608		1.31	9.18	0.12	0.5	0.143	1.50	16.2	10.3	0.38	369	3.75	0.14	3.3	1.9	270
N812609		0.48	0.26	0.06	<0.1	<0.005	0.02	0.5	1.0	12.95	214	0.16	0.01	0.3	1.7	180
N812610		2.36	16.75	0.11	0.9	0.251	2.36	19.1	15.4	0.76	444	0.49	1.33	7.6	2.0	530
N812611		2.92	17.35	0.13	1.0	0.149	2.50	22.7	14.1	0.83	359	0.78	1.93	7.6	2.8	560
N812612		5.23	15.70	0.17	1.2	0.897	2.93	23.0	25.5	0.71	1980	12.00	0.27	7.8	15.6	500
N812613		2.85	17.35	0.15	1.0	0.105	2.63	25.6	27.4	0.47	293	0.71	1.01	8.2	2.9	590
N812614		2.76	17.95	0.17	1.3	0.111	3.23	25.7	25.0	0.98	229	2.71	1.02	7.3	2.5	600
N812615		2.75	12.30	0.13	0.8	0.081	2.24	20.3	20.7	0.52	204	6.48	0.57	4.9	3.0	370
N812616		2.73	16.55	0.18	1.2	0.101	2.65	25.4	21.0	0.88	303	2.12	1.96	8.0	2.5	570
N812617		6.61	14.90	0.19	0.9	1.680	2.70	23.8	26.6	0.91	1900	12.80	0.04	6.3	15.8	430
N812618		2.80	16.20	0.15	1.1	0.084	2.46	24.3	22.6	0.83	324	1.43	1.89	7.8	2.5	550
N812619		2.54	16.80	0.15	1.1	0.112	2.32	20.3	39.9	0.76	411	1.09	1.10	8.4	2.3	580
N812620		2.48	17.55	0.18	1.1	0.111	2.34	19.5	40.7	0.74	414	0.80	1.09	8.6	2.5	580
N812621		1.76	17.55	0.16	1.1	0.107	3.16	26.4	19.9	0.51	493	6.06	0.07	7.2	2.7	580
N812622		1.79	12.90	0.13	0.7	0.094	1.79	20.3	21.1	0.25	303	32.6	0.06	4.6	2.3	330
N812623		3.02	18.85	0.17	1.3	0.138	2.60	21.6	31.5	0.69	450	0.97	0.48	8.9	2.6	580
N812624		3.68	17.30	0.17	1.0	0.172	2.99	24.3	20.0	0.55	437	1.00	0.11	7.6	2.6	560
N812625		4.64	20.1	0.20	1.0	0.401	3.31	26.5	7.9	0.52	266	1.09	0.06	6.4	2.6	520
N812626		0.47	0.28	0.07	<0.1	0.005	0.03	0.6	0.9	12.70	214	0.11	<0.01	0.3	1.2	180
N812627		3.77	17.25	0.15	1.2	0.133	3.32	28.2	37.4	0.76	378	0.92	0.19	8.4	2.5	620
N812628		3.59	19.45	0.17	1.0	0.207	3.34	28.5	10.3	0.52	295	1.16	0.05	6.1	2.7	520
N812629		3.65	17.00	0.17	1.0	0.131	3.01	25.1	14.0	0.75	412	1.12	1.09	7.4	2.6	540
N812630		3.09	17.45	0.17	1.1	0.105	2.75	26.0	23.1	0.70	364	1.86	1.87	8.8	2.7	610
N812631		4.15	16.65	0.17	1.2	0.121	3.22	28.6	25.9	0.68	281	6.50	0.17	7.4	2.9	570
N812632		6.21	15.50	0.17	1.4	0.324	2.66	30.4	18.2	0.75	1350	2.33	0.04	6.4	7.3	560
N812633		4.64	18.35	0.19	1.0	1.810	3.47	28.9	19.2	0.51	632	1.93	0.10	7.4	2.3	570
N812634		3.18	17.20	0.16	1.0	0.108	3.12	25.4	30.4	0.78	629	0.89	0.09	8.1	2.4	590
N812635		3.45	17.55	0.18	1.0	0.141	3.23	27.6	26.0	0.70	647	1.47	0.08	7.7	2.5	560
N812636		5.10	17.10	0.20	0.9	0.270	3.05	28.0	14.0	0.74	727	3.82	0.05	5.1	2.6	480



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Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12207080**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812601		16.0	89.6	<0.002	0.42	2.95	11.8	2	2.2	369	0.67	0.07	12.4	0.253	1.07	3.7
N812602		18.4	101.5	<0.002	1.01	2.02	11.7	2	3.9	309	0.69	0.53	14.0	0.239	1.30	4.1
N812603		27.2	99.4	<0.002	0.50	2.35	12.2	1	2.8	323	0.74	0.17	13.7	0.255	1.19	4.1
N812604		67.7	109.0	<0.002	1.36	4.75	11.6	2	5.4	219	0.65	0.14	14.8	0.233	1.58	4.5
N812605		69.2	110.5	<0.002	1.10	4.56	11.1	2	4.8	228	0.65	0.18	13.0	0.232	1.49	4.0
N812606		77.2	109.0	<0.002	2.29	24.7	10.5	5	6.5	101.5	0.66	1.54	13.6	0.233	2.07	3.8
N812607		15.9	90.7	0.006	0.91	5.10	4.5	1	1.1	88.7	0.22	0.50	5.5	0.078	0.91	2.1
N812608		13.5	80.5	<0.002	0.64	5.44	5.4	1	2.7	93.4	0.27	0.29	6.6	0.112	1.05	2.4
N812609		1.2	1.6	<0.002	<0.01	<0.05	0.3	1	<0.2	43.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
N812610		36.2	80.1	<0.002	0.76	3.56	9.7	1	5.2	242	0.62	0.47	10.0	0.228	1.53	3.4
N812611		81.3	94.6	<0.002	1.09	2.86	11.5	1	4.6	291	0.63	0.65	11.8	0.233	1.39	3.8
N812612		1390	154.5	0.002	3.07	32.6	9.7	1	5.8	148.5	0.60	0.28	11.3	0.212	2.27	4.9
N812613		30.0	90.4	<0.002	1.19	23.5	11.3	1	3.0	205	0.68	0.37	12.7	0.245	1.29	7.0
N812614		19.4	143.5	<0.002	1.66	2.09	12.0	2	3.7	190.0	0.64	0.57	15.5	0.228	1.91	4.5
N812615		67.9	137.0	0.003	2.19	4.98	7.8	2	2.9	164.5	0.45	1.18	10.3	0.151	1.40	3.5
N812616		29.7	96.2	<0.002	1.02	2.38	10.9	2	2.5	303	0.69	0.28	14.3	0.238	1.44	4.3
N812617		2870	151.5	<0.002	4.71	86.9	9.0	2	7.8	88.7	0.51	0.42	10.5	0.186	2.31	5.2
N812618		22.3	82.6	<0.002	0.51	1.90	11.3	1	1.8	329	0.69	0.21	13.8	0.245	1.15	4.3
N812619		17.6	70.7	<0.002	0.93	3.14	11.1	1	2.0	257	0.69	0.22	11.9	0.252	1.50	3.3
N812620		16.9	70.2	<0.002	0.92	3.24	11.3	1	2.0	260	0.71	0.25	11.0	0.254	1.42	3.2
N812621		27.9	148.0	<0.002	1.11	9.45	10.9	2	3.2	104.5	0.64	0.32	14.2	0.223	3.17	3.3
N812622		17.2	101.5	0.005	1.40	9.53	7.2	2	2.7	78.3	0.42	0.56	9.5	0.142	1.70	3.4
N812623		39.9	85.6	<0.002	1.27	4.66	11.4	2	4.9	165.5	0.77	0.13	12.6	0.253	1.91	4.2
N812624		108.5	123.5	<0.002	1.87	4.06	11.3	2	4.3	148.0	0.66	0.13	13.0	0.228	1.92	4.0
N812625		261	155.0	<0.002	4.36	6.55	11.6	5	13.6	42.4	0.55	0.47	14.1	0.202	1.89	3.6
N812626		1.5	1.4	<0.002	0.01	<0.05	0.2	1	<0.2	41.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N812627		41.5	131.5	<0.002	0.77	3.20	12.5	1	2.7	118.5	0.74	0.08	15.2	0.253	1.78	5.2
N812628		81.2	183.0	<0.002	3.19	6.67	11.0	2	13.6	58.5	0.53	0.32	14.1	0.194	2.11	3.4
N812629		41.1	117.0	<0.002	2.09	3.01	11.5	2	3.5	278	0.62	0.28	12.9	0.229	1.72	4.2
N812630		20.0	96.1	<0.002	0.61	4.67	12.5	1	2.8	325	0.71	0.11	12.8	0.267	1.25	3.6
N812631		49.3	144.5	<0.002	2.81	8.60	12.0	2	4.7	131.0	0.64	0.31	14.6	0.228	1.74	4.2
N812632		265	132.5	<0.002	6.16	48.3	11.4	2	10.6	65.5	0.50	0.66	9.5	0.220	2.19	5.3
N812633		133.0	153.5	<0.002	2.57	103.5	11.5	2	11.2	80.9	0.60	0.24	13.8	0.227	2.28	3.9
N812634		34.5	112.5	<0.002	0.58	11.65	11.7	1	4.1	130.0	0.65	0.05	13.8	0.243	1.89	4.2
N812635		54.4	136.0	<0.002	1.07	15.45	11.9	1	4.1	115.5	0.66	0.10	14.4	0.240	1.89	4.6
N812636		107.5	169.5	<0.002	4.68	40.6	10.0	2	10.0	74.2	0.42	0.37	12.6	0.168	2.01	4.6



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 Account: ROCKHA

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**CERTIFICATE OF ANALYSIS WH12207080**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
N812601		69	1.3	16.0	54	30.7	<1
N812602		67	1.5	15.5	66	28.0	<1
N812603		68	1.3	15.6	70	29.8	<1
N812604		68	2.3	13.5	156	26.8	<1
N812605		67	2.1	14.9	172	28.7	<1
N812606		67	11.4	12.0	146	28.2	3
N812607		49	1.6	7.5	36	11.8	<1
N812608		44	2.6	8.2	47	12.6	<1
N812609		2	0.1	0.7	13	<0.5	<1
N812610		64	4.2	13.6	95	25.5	<1
N812611		68	5.3	14.7	136	26.5	1
N812612		57	5.0	11.4	3000	36.4	10
N812613		69	4.6	16.5	68	28.0	<1
N812614		69	3.7	12.5	66	33.8	<1
N812615		54	2.5	11.1	98	21.3	<1
N812616		68	2.1	15.2	52	30.8	<1
N812617		57	5.2	9.4	5470	24.9	26
N812618		67	2.2	14.0	42	29.7	<1
N812619		69	2.0	13.0	43	28.2	<1
N812620		69	2.1	13.4	44	30.6	<1
N812621		68	5.5	11.1	59	29.4	<1
N812622		57	4.7	7.6	70	18.5	<1
N812623		70	2.8	13.1	104	35.5	<1
N812624		64	8.6	14.0	248	28.1	<1
N812625		63	9.1	9.8	433	26.9	7
N812626		2	0.1	0.8	14	<0.5	<1
N812627		70	2.5	14.2	107	29.5	<1
N812628		61	8.7	10.6	132	27.0	<1
N812629		66	2.7	13.9	82	26.2	<1
N812630		75	3.2	16.7	58	29.2	<1
N812631		66	4.0	14.9	71	31.5	<1
N812632		68	7.5	12.8	447	45.5	4
N812633		64	14.8	14.1	393	29.3	14
N812634		67	7.9	13.5	76	29.6	<1
N812635		67	6.0	13.5	121	28.5	1
N812636		56	6.7	10.5	186	26.1	5



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**CERTIFICATE OF ANALYSIS WH12207080**

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





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**CERTIFICATE WH12207081**

Project: Klaza-121

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12207081**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812637		7.12	0.178	0.63	7.22	46.0	2180	1.23	0.84	1.90	1.47	47.7	7.4	13	13.15	43.6
N812638		2.49	0.598	0.84	7.65	111.5	1940	1.16	1.61	1.40	0.76	49.9	7.1	16	12.90	74.9
N812639		2.51	0.226	0.47	7.13	46.3	1730	1.40	1.02	2.81	0.95	47.3	9.2	12	18.65	30.2
N812640		5.31	0.026	0.14	6.86	25.3	1290	1.57	0.30	3.52	0.12	49.9	8.5	24	18.05	31.2
N812641		<0.02	0.025	0.14	6.94	25.7	1280	1.69	0.27	3.58	0.13	53.0	8.5	25	18.75	20.9
N812642		2.64	0.252	2.82	7.11	125.5	1510	1.56	7.79	2.79	3.26	47.4	9.3	10	17.20	435
N812643		6.75	0.203	0.51	7.81	50.7	2220	1.33	1.40	1.95	1.03	46.8	5.1	15	12.80	48.5
N812644		3.34	5.30	11.80	5.40	649	490	1.04	57.0	1.83	5.48	35.9	8.8	8	11.30	570
N812645		2.21	<0.005	0.01	0.07	<5	20	0.06	0.06	21.6	0.06	1.17	1.4	<1	0.22	1.8
N812646		5.98	0.561	1.69	7.05	69.9	1300	1.43	5.13	2.05	1.30	50.6	10.2	16	11.20	223
N812647		4.34	1.865	2.64	6.45	187.5	430	1.15	13.65	2.28	1.66	43.9	11.7	14	10.85	346
N812648		2.32	<0.005	0.02	0.06	<5	20	0.07	0.04	21.6	0.06	1.10	1.4	<1	0.19	1.8
N812649		2.83	0.331	2.19	7.25	179.0	1250	1.36	10.50	2.19	1.74	47.2	7.2	17	13.55	265
N812650		3.69	0.782	3.14	6.54	77.8	960	1.38	76.4	2.94	2.88	39.3	5.4	15	9.81	132.0
N812651		5.99	3.88	4.38	6.74	51.4	1220	1.24	123.5	2.59	2.32	45.6	10.3	24	9.86	698
N812652		6.56	0.595	1.55	7.22	53.3	1580	1.39	17.90	2.31	1.78	46.8	7.1	14	6.21	286
N812653		8.58	0.433	0.92	7.43	65.0	1930	1.47	7.30	2.28	0.82	44.4	7.7	19	7.42	206
N812654		0.26	4.44	>100	5.44	7170	490	1.11	58.6	2.05	226	30.8	9.5	20	11.00	1250
N812655		5.75	0.473	1.31	7.27	87.7	1620	1.42	8.74	2.21	1.49	43.2	8.0	11	8.49	221
N812656		2.94	1.790	2.03	6.88	74.7	1190	1.34	20.2	2.54	1.68	51.6	7.2	22	13.20	385
N812657		2.93	0.057	0.73	5.44	24.8	930	1.08	4.78	2.33	0.58	37.6	21.4	21	8.73	146.5
N812658		2.99	0.150	1.08	7.67	23.2	730	1.54	11.30	2.12	0.82	48.2	12.5	18	10.35	224
N812659		3.01	0.125	1.41	7.43	77.4	760	1.65	4.86	2.43	1.23	49.9	8.8	16	15.50	256
N812660		6.61	0.078	0.54	7.37	13.2	1000	1.45	1.94	2.25	0.55	44.7	6.2	13	8.33	205
N812661		5.66	0.119	0.70	7.13	39.8	910	1.53	2.65	2.33	0.56	41.6	9.1	17	11.20	249
N812662		3.43	0.044	0.76	5.99	51.2	360	1.21	3.49	1.55	0.61	42.2	17.2	16	10.65	102.5
N812663		2.43	0.086	0.54	6.87	75.4	520	1.33	3.67	1.76	0.36	41.9	13.3	20	10.05	37.4
N812664		8.74	0.053	0.19	7.09	44.6	1420	1.70	0.18	3.38	0.19	48.1	7.9	11	18.70	9.7
N812665		0.26	2.30	24.4	5.82	3070	720	1.36	19.05	2.24	77.5	41.5	11.5	18	14.50	426
N812666		4.24	0.048	0.14	6.94	54.0	1340	1.54	0.14	3.30	0.14	46.5	6.8	13	17.85	8.5
N812667		1.82	0.052	0.10	6.89	54.8	1430	1.72	0.13	3.35	0.10	48.0	6.9	12	18.85	10.1
N812668		6.64	0.094	0.14	6.85	59.8	2940	1.80	0.21	3.35	0.13	47.1	7.9	12	17.95	14.9
N812669		2.70	0.165	0.95	6.65	120.0	340	1.32	2.67	2.13	0.47	57.9	22.2	20	11.85	223
N812670		6.31	0.106	1.01	7.67	45.5	350	1.97	3.43	2.11	0.50	62.1	22.0	11	11.45	258
N812671		5.85	0.160	1.31	7.71	92.6	210	1.72	4.01	2.08	0.69	58.0	15.5	16	13.70	239
N812672		4.96	0.024	0.52	7.03	19.8	1490	1.82	3.63	3.01	0.26	45.9	6.5	16	13.85	62.8



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**CERTIFICATE OF ANALYSIS WH12207081**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812637		2.97	16.05	0.14	1.3	0.096	2.97	23.1	30.2	0.71	423	1.60	0.40	8.1	2.6	570
N812638		3.08	17.20	0.18	1.4	0.102	3.41	25.5	25.1	0.53	341	2.73	0.22	8.0	2.4	560
N812639		2.77	16.25	0.17	1.5	0.103	2.74	23.5	37.0	0.91	846	2.31	0.15	8.2	4.0	550
N812640		2.50	18.00	0.18	4.0	0.033	2.96	23.5	20.2	1.16	700	1.55	0.09	10.3	11.2	830
N812641		2.53	18.65	0.17	4.1	0.034	3.00	25.6	20.8	1.18	712	1.58	0.09	10.6	11.5	840
N812642		3.20	16.35	0.19	1.4	0.273	3.03	22.7	22.4	0.89	1340	2.21	0.57	8.1	3.6	570
N812643		2.84	17.50	0.17	1.3	0.127	3.36	22.6	21.8	0.67	454	1.93	0.51	8.2	2.5	590
N812644		7.48	15.35	0.27	0.9	0.653	2.47	18.4	15.8	0.75	1020	4.89	0.04	4.0	2.5	410
N812645		0.48	0.22	0.09	<0.1	0.006	0.03	0.5	0.9	13.20	208	0.09	0.01	0.4	3.5	170
N812646		3.48	16.40	0.15	1.1	0.235	2.88	25.0	15.3	0.77	444	1.25	1.71	7.2	2.9	540
N812647		3.99	18.75	0.19	0.9	0.238	3.67	22.5	8.0	0.80	708	1.31	0.43	5.8	2.8	510
N812648		0.47	0.24	0.09	<0.1	<0.005	0.02	0.5	0.9	13.40	209	0.10	0.01	0.4	3.7	170
N812649		3.46	18.60	0.18	1.1	0.224	3.37	22.8	20.9	0.85	643	1.19	0.59	7.4	2.4	560
N812650		3.95	17.75	0.18	1.0	0.142	3.18	19.2	13.5	0.84	438	1.49	0.83	6.8	2.6	520
N812651		3.52	20.6	0.19	1.1	0.344	3.06	21.8	14.4	0.88	434	2.09	1.12	6.8	2.8	550
N812652		3.12	19.95	0.14	1.1	0.215	3.11	23.2	12.4	0.77	367	1.38	1.85	7.4	3.1	550
N812653		3.13	18.35	0.15	1.3	0.133	3.60	21.9	14.7	0.78	387	1.87	1.59	7.5	2.9	570
N812654		8.02	12.40	0.23	1.1	4.63	2.31	15.8	29.2	0.65	3080	14.15	0.09	5.4	13.5	450
N812655		3.19	18.55	0.14	1.1	0.220	3.89	21.2	16.0	0.69	362	1.85	1.16	7.3	2.5	560
N812656		3.44	19.65	0.16	1.1	0.287	3.53	25.6	18.9	0.82	503	2.05	0.56	6.8	3.0	570
N812657		2.85	11.55	0.14	0.8	0.129	2.52	19.7	12.4	0.60	350	4.53	0.82	5.1	3.5	380
N812658		3.69	18.60	0.16	1.0	0.347	2.37	22.8	21.4	0.94	375	2.81	1.40	7.5	2.8	590
N812659		3.90	17.65	0.19	1.3	0.151	3.12	24.2	18.5	0.83	824	2.59	0.83	7.8	3.4	580
N812660		3.34	16.25	0.16	1.1	0.070	2.83	22.2	13.7	0.67	288	1.54	1.93	7.2	2.4	550
N812661		4.16	17.35	0.15	1.0	0.128	2.28	19.9	19.7	0.61	311	1.36	1.36	6.5	2.2	530
N812662		4.95	12.95	0.17	1.0	0.155	2.48	20.8	18.5	0.68	420	2.54	0.05	5.6	2.5	470
N812663		5.92	14.70	0.21	1.1	0.116	3.23	20.2	16.5	0.85	421	5.25	0.05	5.4	3.1	520
N812664		2.44	18.45	0.15	3.5	0.031	3.33	22.6	33.3	1.00	535	1.79	0.11	9.7	4.7	740
N812665		6.36	14.45	0.22	0.9	1.695	2.62	21.5	23.4	0.91	1830	12.85	0.04	6.0	15.7	430
N812666		2.56	17.95	0.16	3.4	0.032	3.61	21.7	25.1	1.00	502	1.48	0.42	9.4	4.6	710
N812667		2.57	19.15	0.15	3.6	0.033	3.53	22.2	27.3	1.02	516	1.32	0.42	9.8	4.7	710
N812668		2.42	18.00	0.15	3.4	0.036	2.87	22.3	51.3	1.01	545	1.83	0.07	9.3	4.3	710
N812669		4.66	17.45	0.22	1.1	0.222	2.17	26.9	25.8	0.81	481	2.81	0.74	6.4	2.9	550
N812670		9.54	24.0	0.30	1.1	0.258	2.00	32.3	34.4	0.85	370	1.37	0.94	7.1	3.7	550
N812671		7.10	20.5	0.24	1.0	0.191	2.65	29.9	28.7	0.89	494	4.22	0.50	6.9	3.1	620
N812672		3.21	17.30	0.15	1.2	0.061	2.32	21.8	46.5	0.86	467	1.29	1.22	7.9	2.6	600



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N812637		45.2	122.0	<0.002	0.73	9.41	10.1	1	2.7	181.0	0.69	0.06	13.3	0.250	3.9
N812638		51.3	166.0	<0.002	1.04	17.20	10.4	1	4.4	141.5	0.67	0.14	14.8	0.236	3.8
N812639		39.3	120.5	<0.002	0.74	12.55	9.8	1	2.8	211	0.68	0.06	12.9	0.238	5.0
N812640		12.2	109.0	<0.002	0.14	6.56	7.6	1	3.1	208	0.74	<0.05	9.2	0.272	5.7
N812641		12.1	112.5	<0.002	0.14	6.86	7.8	1	1.8	211	0.75	<0.05	9.7	0.274	5.9
N812642		71.8	137.5	<0.002	1.27	24.9	10.0	1	4.4	249	0.65	0.23	13.1	0.237	5.6
N812643		39.6	137.5	<0.002	0.63	7.16	10.2	1	4.8	193.5	0.67	0.09	14.4	0.256	3.3
N812644		278	162.0	<0.002	8.02	64.9	7.1	2	13.1	79.0	0.32	3.10	9.8	0.126	3.3
N812645		1.2	1.6	<0.002	<0.01	0.09	0.2	1	<0.2	44.3	<0.05	<0.05	<0.2	<0.005	0.9
N812646		78.0	137.0	<0.002	2.05	7.70	9.8	1	6.2	287	0.59	0.43	13.6	0.219	4.1
N812647		60.8	198.5	<0.002	3.52	8.15	9.2	1	10.1	140.5	0.46	0.96	12.6	0.176	4.1
N812648		1.3	1.5	<0.002	<0.01	0.06	0.2	1	<0.2	42.2	<0.05	<0.05	<0.2	<0.005	0.5
N812649		68.0	157.5	<0.002	2.42	9.16	10.0	1	9.9	172.5	0.61	0.86	13.2	0.229	3.9
N812650		172.0	163.5	<0.002	2.84	3.51	8.5	1	9.1	257	0.55	10.70	12.4	0.197	4.0
N812651		105.5	146.0	<0.002	2.43	4.34	9.1	2	12.6	160.5	0.56	11.00	12.6	0.212	4.2
N812652		69.7	141.0	<0.002	1.82	3.39	9.8	1	9.9	243	0.61	4.37	13.8	0.220	4.2
N812653		41.3	152.0	<0.002	1.50	3.11	10.1	1	7.7	264	0.62	0.62	14.0	0.236	4.3
N812654		9450	138.0	<0.002	7.01	220	6.9	2	8.1	119.5	0.42	0.45	8.6	0.183	4.7
N812655		59.0	157.0	<0.002	1.89	3.66	9.9	1	10.6	229	0.59	0.67	12.8	0.233	3.9
N812656		48.9	157.0	<0.002	2.62	4.83	9.7	1	11.0	182.0	0.55	1.96	12.7	0.214	4.5
N812657		23.6	124.0	<0.002	1.93	4.49	7.0	1	4.3	188.5	0.41	0.39	10.6	0.170	3.3
N812658		32.7	115.5	0.002	1.78	3.13	10.4	1	9.5	253	0.61	0.65	14.8	0.241	4.7
N812659		48.0	141.0	<0.002	2.71	38.9	10.4	2	5.3	203	0.64	0.51	13.3	0.244	4.7
N812660		23.2	112.0	<0.002	2.01	3.06	9.4	1	4.4	340	0.59	0.30	13.0	0.227	4.2
N812661		20.7	90.6	<0.002	2.44	5.75	8.8	1	5.1	298	0.53	0.29	12.3	0.215	4.1
N812662		24.4	135.0	<0.002	4.42	10.10	8.7	2	5.9	101.5	0.43	0.25	12.2	0.167	4.2
N812663		24.6	178.5	<0.002	5.64	5.35	9.0	3	7.4	126.5	0.45	0.31	12.6	0.171	5.6
N812664		18.8	107.5	<0.002	0.32	8.94	7.5	1	1.4	388	0.73	<0.05	9.5	0.288	5.3
N812665		2700	163.5	0.002	4.64	84.4	7.9	1	7.7	87.6	0.47	0.36	10.8	0.179	4.9
N812666		16.9	118.0	<0.002	0.24	7.01	7.0	1	1.2	428	0.73	<0.05	9.1	0.268	4.5
N812667		16.9	122.5	<0.002	0.23	7.00	7.3	1	1.5	426	0.75	<0.05	9.5	0.269	4.5
N812668		16.1	96.4	<0.002	0.35	7.62	7.2	1	1.7	375	0.71	<0.05	9.2	0.275	4.6
N812669		22.3	114.5	0.002	3.41	20.3	9.1	2	5.3	182.0	0.49	0.18	13.1	0.185	5.8
N812670		23.0	96.8	<0.002	3.80	7.55	9.6	1	8.1	249	0.58	0.28	13.4	0.217	5.8
N812671		35.1	128.5	0.002	4.31	15.80	10.0	2	6.8	157.5	0.55	0.24	14.0	0.225	5.3
N812672		21.1	77.6	<0.002	0.83	6.81	10.5	1	3.6	288	0.63	0.08	12.8	0.258	4.1



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**CERTIFICATE OF ANALYSIS WH12207081**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812637		67	3.4	13.6	134	31.3	<1	
N812638		64	4.4	14.7	72	32.2	<1	
N812639		63	6.2	14.5	103	38.5	<1	
N812640		67	4.2	13.5	54	132.5	<1	
N812641		69	4.3	13.9	53	135.5	<1	
N812642		63	7.4	14.9	299	33.9	3	
N812643		68	4.4	14.0	120	31.7	<1	
N812644		48	9.9	8.6	460	23.1	13	
N812645		1	0.1	0.8	14	<0.5	<1	
N812646		63	3.1	13.8	140	25.9	1	
N812647		56	8.0	10.2	159	21.7	3	
N812648		1	0.1	0.8	13	<0.5	<1	
N812649		60	5.6	12.3	153	25.2	2	
N812650		50	9.0	14.0	235	24.8	4	
N812651		64	7.9	14.1	212	26.8	4	
N812652		61	8.1	13.5	168	26.3	2	
N812653		67	5.5	13.1	99	30.6	1	
N812654		52	4.3	9.0	>10000	27.5	116	1.565
N812655		65	6.6	12.0	163	26.5	2	
N812656		63	8.5	11.4	171	25.2	3	
N812657		50	3.3	10.0	80	18.7	1	
N812658		69	3.6	12.8	105	23.2	1	
N812659		69	7.0	13.7	144	32.5	2	
N812660		63	8.7	12.4	82	26.2	1	
N812661		72	5.9	12.0	81	24.1	1	
N812662		56	13.1	10.4	71	22.2	1	
N812663		64	20.2	10.5	53	26.2	<1	
N812664		69	3.8	13.0	70	114.5	<1	
N812665		54	5.1	9.5	5220	22.7	25	
N812666		65	3.1	12.2	60	108.5	1	
N812667		64	3.2	12.9	59	113.0	<1	
N812668		66	3.7	12.6	55	108.5	<1	
N812669		60	8.1	13.3	71	27.5	1	
N812670		125	9.7	13.5	90	26.0	1	
N812671		83	12.2	12.5	118	24.9	1	
N812672		72	5.1	13.4	61	27.8	1	



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



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**CERTIFICATE WH12207082**

Project: Klaza-121

P.O. No.: Batch 9

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812673		2.86	0.045	0.62	6.58	38.6	1150	1.37	2.09	3.96	0.75	59.7	11.7	7	10.50	83.1
N812674		3.25	0.013	0.51	7.36	20.0	880	1.39	1.45	2.45	0.97	49.8	6.7	9	9.94	97.5
N812675		7.42	0.038	0.65	7.08	26.0	600	1.33	1.52	2.00	1.17	49.2	9.9	10	11.10	214
N812676		0.26	4.39	>100	5.22	7550	1060	0.98	55.7	1.92	221	33.0	8.8	16	11.50	1275
N812677		5.91	0.045	0.98	7.24	35.4	1120	1.28	2.16	2.17	1.21	48.6	8.2	9	9.65	171.0
N812678		4.49	0.115	2.39	7.06	90.2	440	1.44	18.60	1.99	0.81	52.4	7.6	8	12.65	366
N812679		3.89	0.053	0.97	7.04	27.9	1100	1.42	1.90	2.47	0.80	45.4	6.1	10	9.99	327
N812680		8.30	0.027	0.48	7.37	16.4	1720	1.48	1.90	2.46	0.41	51.8	8.6	12	10.05	115.5
N812681		0.26	2.28	25.0	5.74	3230	770	1.46	18.70	2.19	81.8	42.5	10.6	18	15.25	438
N812682		3.33	0.012	0.24	7.48	8.8	2330	1.77	0.72	2.32	0.43	54.9	6.3	11	9.31	40.7
N812683		1.49	0.012	0.19	7.39	7.3	2340	1.81	0.62	2.13	0.42	52.2	5.9	9	9.51	42.6
N812684		3.10	0.040	0.36	7.19	13.4	1890	1.48	0.95	2.51	1.05	50.7	16.1	9	9.69	96.7
N812685		5.08	0.018	0.42	7.44	16.2	1530	1.56	1.05	2.62	0.81	52.7	8.6	8	10.60	100.0
N812686		4.12	0.032	1.63	7.48	55.1	610	1.49	8.19	2.23	0.57	52.7	9.2	9	10.30	566
N812687		4.93	0.036	0.27	7.46	11.0	1790	1.48	1.52	2.41	0.42	46.6	7.7	10	11.05	43.6
N812688		4.07	0.026	0.51	7.60	24.8	1990	1.33	1.40	1.21	0.79	58.2	9.0	10	11.20	122.0
N812689		6.94	0.017	0.66	7.41	28.0	1390	1.54	4.37	1.87	0.49	49.7	10.3	9	9.36	125.5
N812690		3.25	0.019	0.32	6.92	21.5	730	1.43	1.57	2.11	0.41	50.6	9.8	8	11.20	64.2
N812691		4.03	0.045	0.91	7.22	42.5	250	1.40	7.94	1.67	0.63	46.5	7.8	9	8.88	159.0
N812692		4.56	0.028	0.70	7.89	29.9	470	1.70	2.87	2.59	0.43	46.2	10.7	9	11.00	202
N812693		3.60	0.016	0.40	7.09	18.8	480	1.44	2.49	2.17	0.56	44.3	8.9	7	9.85	41.1
N812694		3.93	0.010	0.35	7.25	7.9	710	1.56	2.31	2.39	0.26	50.2	6.3	8	9.88	55.0
N812695		6.21	0.012	0.30	7.44	10.2	970	1.67	1.31	2.60	0.49	47.3	11.1	11	13.35	59.2
N812696		<0.02	0.010	0.28	7.64	11.6	1040	1.66	1.26	2.70	0.55	49.8	11.0	9	13.75	64.3
N812697		2.98	0.032	0.39	8.22	39.4	170	1.54	3.24	4.53	0.20	28.8	71.8	4	28.8	124.5
N812698		7.29	0.040	0.30	7.17	12.0	460	1.52	1.56	2.46	0.36	47.0	11.9	10	11.00	81.5
N812699		5.07	0.036	0.46	7.19	25.6	510	1.46	2.67	2.54	0.60	47.5	5.0	9	9.26	128.0
N812700		4.13	0.067	0.70	6.94	55.5	150	1.30	5.81	2.12	0.37	42.7	7.0	11	7.83	96.2
N812701		5.26	0.086	0.48	7.27	34.2	520	1.43	5.47	2.12	0.49	50.8	11.2	8	9.51	80.3
N812702		2.70	0.021	0.31	6.99	17.3	620	1.50	1.96	1.81	0.42	57.3	11.3	10	12.50	20.4
N812703		3.30	0.181	0.83	7.71	55.1	70	1.17	22.8	1.63	0.38	61.0	55.9	7	11.65	33.9
N812704		2.79	<0.005	0.02	0.11	<5	30	0.06	0.04	20.2	0.06	1.24	1.8	<1	0.34	1.9
N812705		2.52	0.047	0.42	9.37	25.4	150	1.83	4.58	1.76	0.26	28.5	16.5	7	11.95	26.1
N812706		3.52	<0.005	0.01	0.11	8	20	0.07	0.07	20.8	0.07	1.58	1.3	<1	0.26	1.6
N812707		2.55	0.068	0.69	9.17	40.4	120	1.89	6.76	1.58	0.50	40.6	17.0	8	12.20	20.4
N812708		2.50	0.285	1.54	6.07	145.0	170	0.79	28.3	0.54	2.54	28.3	21.7	13	5.07	117.5





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Account: ROCKHA

Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12207082**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812673		5.17	17.60	0.16	1.0	0.125	1.58	34.5	43.0	1.25	730	3.82	1.63	6.9	3.3	530
N812674		3.52	17.65	0.16	1.0	0.110	1.56	28.2	13.9	0.58	361	1.79	2.37	8.0	2.5	580
N812675		4.29	18.40	0.18	1.0	0.139	2.28	26.1	26.6	0.83	332	1.60	0.58	8.1	2.7	580
N812676		7.88	13.55	0.20	1.0	4.85	2.11	18.8	29.3	0.62	3090	15.60	0.08	6.0	14.1	430
N812677		3.29	18.50	0.16	1.0	0.141	3.18	24.6	12.5	0.74	301	2.75	1.37	6.9	2.7	590
N812678		4.03	18.30	0.19	1.0	0.431	2.38	28.6	24.2	0.71	434	2.36	0.39	7.4	2.9	540
N812679		3.72	17.75	0.17	1.1	0.124	2.54	23.6	14.7	0.66	366	2.20	1.46	7.7	2.9	590
N812680		3.15	18.65	0.15	1.1	0.139	2.08	27.6	15.0	0.79	337	1.41	2.17	8.3	2.9	580
N812681		6.64	15.20	0.16	1.0	1.880	2.44	24.3	30.1	0.89	1900	13.90	0.04	6.5	15.4	430
N812682		3.15	18.55	0.13	1.3	0.074	2.79	30.0	21.8	0.84	431	1.89	2.39	9.2	3.2	580
N812683		3.11	18.75	0.15	1.3	0.070	2.69	28.5	22.1	0.83	396	1.95	2.33	8.8	2.8	570
N812684		3.08	18.45	0.16	1.2	0.144	2.42	27.8	23.1	0.77	392	1.70	2.03	8.7	3.8	570
N812685		3.04	18.95	0.16	1.3	0.144	2.08	29.3	19.1	0.70	419	1.39	1.98	8.7	2.9	580
N812686		3.91	17.85	0.19	1.2	0.438	2.08	29.2	17.6	0.68	348	2.16	1.24	8.4	3.2	570
N812687		3.20	18.25	0.15	1.1	0.100	2.39	25.1	26.9	0.70	341	1.98	1.61	8.4	2.5	580
N812688		3.02	19.55	0.15	1.2	0.205	2.32	33.1	27.7	0.50	316	1.79	0.77	9.2	2.9	610
N812689		3.44	18.65	0.16	1.2	0.182	2.05	27.0	21.4	0.54	289	1.45	1.13	8.6	2.9	580
N812690		3.05	17.55	0.16	1.2	0.136	1.59	27.9	30.8	0.58	363	17.85	0.08	7.8	3.3	570
N812691		4.43	17.90	0.17	1.0	0.207	2.00	25.6	21.1	0.56	376	1.49	0.22	6.8	3.6	560
N812692		4.61	20.3	0.19	1.1	0.261	1.67	24.4	15.6	0.73	295	1.79	1.79	7.1	3.1	610
N812693		3.42	17.70	0.17	1.0	0.171	1.80	24.2	26.3	0.61	419	3.33	0.44	7.1	2.3	450
N812694		3.26	17.15	0.17	1.2	0.172	1.70	28.5	10.0	0.51	268	0.89	1.89	7.4	2.3	450
N812695		2.93	19.30	0.14	1.4	0.190	1.29	24.0	13.1	0.71	276	1.28	2.82	8.5	2.5	550
N812696		3.01	19.35	0.15	1.4	0.200	1.33	25.5	13.0	0.74	289	2.38	2.86	8.7	2.5	550
N812697		10.15	32.3	0.26	0.9	0.229	1.23	13.7	33.2	1.27	459	0.34	1.88	6.0	2.2	480
N812698		3.30	18.05	0.15	1.0	0.150	1.42	25.4	18.3	0.77	280	1.26	2.51	7.9	2.7	580
N812699		3.96	18.00	0.17	0.8	0.199	1.80	22.1	13.8	0.65	252	1.12	1.83	6.5	2.8	580
N812700		5.88	17.85	0.20	0.7	0.293	2.72	19.5	46.4	0.62	347	0.86	0.42	5.0	3.0	560
N812701		4.71	17.35	0.18	0.8	0.157	2.81	24.9	37.0	0.88	354	2.44	0.13	5.9	4.6	560
N812702		4.15	17.05	0.19	0.7	0.139	3.36	26.6	11.3	0.74	322	1.19	0.07	5.6	5.1	580
N812703		10.95	25.0	0.34	0.5	0.185	3.88	31.9	7.8	0.79	470	91.3	0.08	3.3	30.3	220
N812704		0.46	0.36	0.08	<0.1	<0.005	0.63	0.6	1.4	12.15	211	0.19	0.01	0.4	4.5	180
N812705		7.19	32.2	0.19	0.8	0.260	4.41	8.0	74.7	0.88	263	1.00	0.09	5.0	31.8	420
N812706		0.50	0.41	0.09	<0.1	0.006	0.05	0.8	1.4	12.50	217	0.32	<0.01	0.3	3.2	160
N812707		8.75	27.5	0.25	0.7	0.397	4.73	15.0	10.3	0.92	442	0.77	0.08	5.4	28.2	630
N812708		8.62	12.30	0.34	0.8	0.148	2.87	12.2	5.5	0.45	465	2.20	0.06	3.0	12.6	450



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**CERTIFICATE OF ANALYSIS WH12207082**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
N812673		33.0	67.2	<0.002	2.06	12.30	9.8	2	4.0	302	0.58	0.16	11.8	0.214	6.8
N812674		34.9	84.1	0.002	1.93	6.87	11.8	2	4.3	344	0.59	0.09	13.7	0.233	4.9
N812675		40.0	94.4	<0.002	1.97	7.78	11.3	2	4.9	219	0.63	0.14	11.8	0.227	5.7
N812676		9540	134.0	<0.002	6.83	211	7.8	2	8.6	126.0	0.43	0.47	8.8	0.180	5.2
N812677		44.7	170.5	0.002	1.91	3.08	11.0	2	5.0	215	0.56	0.16	13.7	0.206	5.0
N812678		46.3	132.0	<0.002	2.52	20.2	11.1	2	5.8	148.5	0.58	0.32	13.2	0.209	5.1
N812679		24.9	107.5	<0.002	1.90	12.65	11.3	2	3.9	285	0.58	0.14	12.4	0.224	4.2
N812680		22.1	94.1	<0.002	1.26	2.52	11.8	1	5.0	455	0.64	0.16	13.9	0.228	4.7
N812681		2820	165.0	0.003	4.66	90.2	8.9	2	8.3	96.5	0.49	0.38	10.9	0.179	5.6
N812682		26.3	116.0	<0.002	0.42	1.71	12.8	1	2.8	404	0.73	0.06	15.1	0.254	4.9
N812683		25.1	114.5	<0.002	0.45	1.61	13.0	1	2.7	402	0.71	0.05	15.2	0.238	5.0
N812684		65.1	94.3	<0.002	1.21	2.29	11.9	2	3.8	374	0.70	0.17	14.2	0.231	4.8
N812685		46.0	90.7	<0.002	1.17	4.80	12.3	1	4.0	352	0.70	0.12	14.9	0.237	5.1
N812686		35.3	102.5	<0.002	2.48	78.2	12.2	4	5.6	241	0.66	1.75	14.5	0.236	5.3
N812687		30.1	89.6	<0.002	1.45	3.34	11.4	1	3.3	291	0.65	0.33	13.4	0.238	4.5
N812688		41.8	100.5	<0.002	1.35	22.3	13.3	1	4.1	172.0	0.71	0.20	15.7	0.257	5.5
N812689		27.5	85.6	<0.002	1.77	8.56	12.1	2	4.3	226	0.69	0.25	14.1	0.232	5.1
N812690		20.4	66.6	0.016	1.95	29.2	11.4	2	4.0	98.5	0.63	0.33	13.3	0.212	5.3
N812691		24.4	100.5	<0.002	3.69	26.0	11.4	3	6.7	83.4	0.54	2.21	14.3	0.197	5.0
N812692		23.4	77.1	0.002	3.49	5.34	11.7	2	4.9	282	0.57	0.74	14.5	0.211	4.7
N812693		27.3	79.1	<0.002	2.21	20.0	8.8	2	3.7	114.0	0.61	0.56	13.1	0.174	6.1
N812694		18.6	89.5	<0.002	2.19	3.83	9.3	2	4.4	312	0.66	0.52	15.1	0.178	5.3
N812695		21.6	61.4	<0.002	1.93	2.63	10.9	2	4.5	431	0.73	0.23	14.5	0.211	4.9
N812696		22.1	64.0	<0.002	1.98	2.81	11.0	2	4.6	442	0.74	0.24	14.7	0.219	5.0
N812697		19.9	38.7	0.002	6.75	2.88	8.6	3	5.2	1810	0.57	0.70	9.9	0.192	4.1
N812698		24.4	62.3	<0.002	2.63	2.48	11.8	2	4.4	407	0.60	0.34	12.7	0.225	4.3
N812699		23.2	85.6	<0.002	3.48	2.55	11.7	2	5.9	254	0.48	0.64	12.2	0.190	4.0
N812700		26.4	133.5	<0.002	5.48	3.24	10.6	3	8.1	116.0	0.38	1.28	12.6	0.150	4.5
N812701		25.0	139.5	<0.002	4.06	9.86	11.0	2	6.5	94.0	0.47	1.03	14.5	0.168	6.7
N812702		24.6	177.5	0.002	3.48	5.22	11.4	2	5.2	89.2	0.44	0.59	14.9	0.158	4.8
N812703		56.6	189.0	0.045	>10.0	6.23	7.1	6	9.8	74.8	0.24	12.95	10.1	0.094	3.6
N812704		2.0	37.0	<0.002	<0.01	0.06	0.4	1	<0.2	44.1	<0.05	<0.05	<0.2	0.005	1.0
N812705		26.2	151.5	0.003	7.77	5.21	9.3	3	7.1	145.5	0.46	2.00	8.7	0.155	4.6
N812706		1.4	3.0	<0.002	0.03	0.06	0.4	1	<0.2	47.0	<0.05	<0.05	0.2	<0.005	0.5
N812707		40.5	204	<0.002	9.31	4.12	10.7	5	13.8	86.2	0.42	1.93	11.5	0.161	3.7
N812708		77.6	165.5	<0.002	9.83	11.75	9.5	8	13.3	28.8	0.27	10.50	13.7	0.102	5.9



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**CERTIFICATE OF ANALYSIS WH12207082**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N812673		61	6.4	12.2	108	30.7	<1	
N812674		63	6.8	14.2	108	30.5	<1	
N812675		68	9.6	13.4	118	28.3	<1	
N812676		52	4.8	9.8	>10000	34.0	118	1.620
N812677		65	7.1	12.5	116	26.7	<1	
N812678		61	8.2	13.5	88	28.3	2	
N812679		67	9.7	13.4	88	31.2	<1	
N812680		68	6.2	14.4	53	30.0	<1	
N812681		56	5.4	10.9	5410	27.0	25	
N812682		72	2.5	17.8	59	36.3	<1	
N812683		67	2.7	17.1	56	36.4	<1	
N812684		67	4.4	15.4	117	33.1	<1	
N812685		70	4.2	15.7	90	37.2	<1	
N812686		71	7.5	15.2	98	31.5	1	
N812687		68	6.3	13.4	68	32.2	<1	
N812688		75	5.0	15.9	100	34.2	<1	
N812689		68	4.3	15.3	66	34.0	<1	
N812690		69	7.7	15.9	59	32.2	<1	
N812691		70	9.1	14.6	77	28.8	<1	
N812692		82	7.4	15.9	71	29.7	<1	
N812693		51	6.7	14.7	69	29.5	<1	
N812694		49	8.4	14.8	45	34.4	<1	
N812695		59	3.8	17.3	67	37.1	<1	
N812696		60	4.2	17.8	72	37.3	<1	
N812697		175	5.3	14.0	79	24.3	1	
N812698		66	5.8	15.0	61	28.8	<1	
N812699		70	7.1	14.2	75	22.5	<1	
N812700		60	11.3	13.7	49	20.6	<1	
N812701		61	11.8	13.9	59	22.0	<1	
N812702		50	7.6	14.6	55	19.9	<1	
N812703		63	8.9	12.6	47	13.9	<1	
N812704		4	0.1	1.0	13	0.6	<1	
N812705		80	9.0	13.3	49	17.1	<1	
N812706		3	0.2	1.0	13	<0.5	<1	
N812707		77	18.9	14.7	60	16.5	<1	
N812708		48	15.1	16.4	199	20.8	1	



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Project: Klaza-121

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**CERTIFICATE OF ANALYSIS WH12207082**

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



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**CERTIFICATE WH12207083**

Project: Klaza-121

P.O. No.: Batch 10

This report is for 25 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12207083**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
N812709		5.11	0.055	0.85	6.93	71.5	120	0.98	19.45	1.08	0.23	49.0	20.4	9	5.06	110.0
N812710		3.15	0.029	1.25	7.09	28.2	150	0.93	7.17	0.95	2.11	37.1	14.6	7	6.11	17.1
N812711		5.19	0.013	0.35	6.42	28.2	290	1.22	2.12	2.73	0.35	49.0	5.0	7	8.15	30.3
N812712		2.46	0.005	0.43	6.13	10.8	100	1.03	2.24	3.59	1.03	56.1	7.7	8	9.26	16.1
N812713		9.31	0.006	0.31	6.31	11.0	180	1.13	1.64	3.80	0.46	56.0	6.8	8	9.16	15.5
N812714		3.78	<0.005	0.33	7.01	11.9	350	1.42	1.19	2.75	0.69	41.1	3.6	8	11.05	14.6
N812715		4.41	0.005	0.20	6.81	14.5	310	1.33	1.46	2.18	0.19	46.7	9.3	7	12.50	20.0
N812716		3.42	0.006	0.24	6.80	10.5	320	1.22	1.85	2.10	0.22	64.4	13.8	7	9.42	18.5
N812717		4.01	0.036	0.29	6.44	19.3	230	1.04	1.40	1.74	0.27	51.4	9.5	8	9.42	53.7
N812718		3.08	0.034	1.41	6.85	43.0	400	1.40	1.79	2.21	2.45	47.2	4.7	9	14.15	43.2
N812719		2.35	<0.005	0.08	0.11	<5	150	0.07	0.04	20.8	0.06	1.32	0.6	<1	0.24	2.7
N812720		6.47	0.009	0.38	6.83	19.7	370	1.17	1.32	2.15	0.44	41.5	5.6	8	11.75	24.6
N812721		5.72	0.010	0.32	7.20	12.0	300	1.29	1.40	2.68	0.37	35.4	10.3	8	9.84	16.4
N812722		3.52	0.015	0.20	7.33	9.6	770	1.47	0.86	2.32	0.37	35.8	7.0	9	11.50	15.2
N812723		4.88	0.010	0.32	7.04	9.8	420	1.59	1.37	2.38	0.66	36.0	11.4	10	10.25	17.3
N812724		6.84	<0.005	0.23	6.69	11.8	300	1.59	1.69	2.85	0.18	41.3	6.7	9	12.95	19.4
N812725		7.27	0.010	0.29	7.60	10.5	760	1.32	1.32	4.31	0.29	41.9	11.0	46	12.20	48.1
N812726		4.73	0.021	0.43	7.10	54.4	370	1.42	1.70	2.06	0.65	46.8	23.6	7	12.70	61.4
N812727		3.04	0.049	0.63	6.53	55.0	200	1.10	3.24	1.25	0.31	54.7	31.9	9	7.77	28.0
N812728		<0.02	0.050	0.73	6.42	53.3	190	1.06	3.26	1.22	0.31	51.6	34.8	13	7.50	34.7
N812729		2.74	0.005	0.26	6.55	16.4	560	1.32	1.56	3.01	0.27	37.4	9.9	8	9.02	26.8
N812730		2.68	<0.005	0.31	7.20	7.1	370	1.55	0.90	2.68	0.20	42.7	5.8	8	10.45	17.5
N812731		1.56	<0.005	0.18	7.27	8.8	1310	1.42	0.74	2.55	0.16	47.8	5.5	8	10.45	21.0
N812732		2.78	0.006	0.25	6.82	10.5	590	1.46	0.94	2.92	0.24	46.2	5.4	7	11.90	25.3
N812733		4.81	<0.005	0.24	6.99	9.1	580	1.35	1.20	2.71	0.37	44.9	4.4	10	9.32	24.9



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Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12207083**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812709		7.05	15.05	0.16	0.8	0.261	3.21	21.1	38.9	0.57	776	3.33	0.06	3.7	8.0	550
N812710		5.79	12.00	0.14	0.8	0.136	3.00	16.3	27.2	0.42	535	2.99	0.09	3.7	8.5	570
N812711		4.73	13.10	0.13	0.7	0.210	2.11	24.7	42.1	0.71	551	2.26	0.42	4.6	8.4	500
N812712		5.14	12.65	0.15	0.7	0.240	1.81	24.5	25.5	0.64	320	0.60	0.64	4.9	10.7	500
N812713		4.54	13.25	0.14	0.7	0.229	1.80	29.5	32.7	0.59	416	1.16	0.54	4.7	5.9	480
N812714		2.75	13.90	0.14	0.8	0.173	1.28	17.3	27.2	0.76	219	0.45	2.01	5.9	7.3	590
N812715		3.73	15.70	0.14	0.7	0.236	1.46	21.1	28.2	0.84	239	1.02	0.65	5.3	13.8	590
N812716		3.98	14.40	0.12	0.8	0.173	1.52	31.9	30.1	0.73	211	12.10	0.53	5.8	11.1	480
N812717		3.27	13.85	0.15	0.8	0.212	1.34	26.5	29.3	0.73	244	4.10	0.09	5.5	7.9	520
N812718		3.48	14.80	0.14	0.9	0.168	2.54	23.2	41.1	0.77	1200	4.33	0.10	5.8	3.1	510
N812719		0.49	0.29	0.14	<0.1	0.010	0.04	0.6	1.2	12.35	209	0.08	0.01	0.3	1.6	230
N812720		2.95	13.65	0.15	0.8	0.181	2.01	19.2	33.5	0.81	452	0.61	0.62	5.7	2.8	520
N812721		3.62	13.85	0.13	0.9	0.129	1.57	16.2	26.7	0.70	250	1.34	1.93	6.1	5.0	560
N812722		2.64	14.30	0.12	0.8	0.069	1.74	14.2	36.5	0.78	215	0.61	1.87	5.1	4.0	570
N812723		3.44	15.10	0.13	1.0	0.102	1.65	15.1	21.7	0.79	251	0.55	1.96	5.5	6.3	590
N812724		3.10	15.25	0.13	0.9	0.189	1.77	20.1	33.0	0.59	253	0.68	1.98	6.5	2.3	570
N812725		5.83	18.40	0.16	2.2	0.152	1.58	18.5	33.2	2.36	845	0.77	1.69	6.5	3.2	1180
N812726		4.07	15.30	0.15	0.9	0.136	2.39	22.6	17.7	0.83	340	2.36	0.87	4.8	3.4	540
N812727		5.89	13.00	0.14	0.8	0.174	2.96	26.8	15.7	0.62	353	3.18	0.15	3.6	3.8	470
N812728		5.94	12.90	0.16	0.7	0.171	2.93	24.6	14.8	0.61	307	3.23	0.16	3.4	3.9	460
N812729		3.38	13.65	0.12	0.9	0.178	2.01	18.0	40.9	1.02	343	1.05	1.32	5.4	2.2	520
N812730		3.15	14.70	0.14	1.0	0.220	1.67	18.8	21.9	0.70	277	0.67	2.52	6.1	2.2	580
N812731		2.63	15.20	0.16	1.0	0.234	1.56	21.8	25.9	0.65	268	0.56	2.68	6.1	2.0	550
N812732		3.26	14.20	0.15	1.1	0.166	1.69	21.2	35.6	0.76	345	2.06	1.94	6.3	2.1	550
N812733		2.89	14.30	0.13	0.8	0.285	1.72	18.5	39.9	0.64	304	1.10	2.30	5.3	1.9	570



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**CERTIFICATE OF ANALYSIS WH12207083**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812709		31.9	165.0	<0.002	6.83	14.15	10.6	5	16.5	56.3	0.35	1.97	14.6	0.123	2.57	4.1
N812710		80.1	135.5	0.002	5.87	2.86	10.4	5	16.4	60.2	0.33	2.09	12.7	0.131	2.45	4.3
N812711		22.8	100.0	0.003	4.32	3.78	9.0	2	9.4	161.5	0.40	0.23	12.6	0.149	1.88	4.2
N812712		43.5	84.8	<0.002	4.99	2.04	9.5	1	5.6	235	0.41	0.28	13.2	0.155	1.35	4.0
N812713		24.9	86.4	<0.002	4.09	2.05	9.2	3	6.6	277	0.44	0.17	12.6	0.146	1.29	3.8
N812714		29.2	56.8	0.002	2.29	1.91	10.0	1	3.7	363	0.53	0.14	13.1	0.187	1.01	3.5
N812715		12.5	89.7	0.002	3.06	2.82	9.8	2	4.6	224	0.43	0.26	13.5	0.160	1.20	3.7
N812716		17.7	93.0	0.005	3.51	4.18	8.6	1	4.1	187.5	0.51	0.20	15.2	0.172	1.34	3.5
N812717		17.5	85.8	<0.002	2.45	6.04	8.9	1	3.9	115.5	0.46	0.21	13.8	0.181	1.41	3.2
N812718		441	137.0	0.003	3.16	20.7	9.8	1	4.8	159.0	0.53	0.15	14.4	0.185	2.32	5.4
N812719		1.8	2.0	<0.002	<0.01	0.11	0.3	<1	0.3	43.8	0.06	<0.05	0.2	0.005	0.06	0.6
N812720		22.0	102.0	<0.002	2.44	6.34	9.2	2	3.9	149.5	0.54	0.20	14.4	0.179	1.90	4.1
N812721		25.5	76.5	0.002	3.29	1.86	9.8	1	4.5	339	0.55	0.21	13.1	0.198	1.18	3.5
N812722		17.5	86.8	0.002	2.28	1.33	8.7	2	4.2	346	0.47	0.13	13.5	0.182	1.17	3.3
N812723		27.4	77.7	0.003	3.05	1.37	10.6	1	3.3	313	0.52	0.34	13.3	0.197	1.17	2.9
N812724		12.8	86.7	0.002	2.46	2.15	9.9	2	3.8	538	0.54	0.74	11.9	0.195	1.50	3.9
N812725		22.9	48.1	<0.002	2.58	1.98	24.6	2	7.0	918	0.40	0.06	7.0	0.497	0.99	3.4
N812726		31.5	134.5	0.003	3.65	10.55	10.2	1	4.3	168.0	0.39	0.37	13.3	0.156	1.95	4.2
N812727		20.6	173.0	0.002	5.85	9.96	8.8	2	7.6	68.7	0.31	1.18	13.5	0.122	2.20	4.6
N812728		22.7	163.5	<0.002	5.93	12.40	8.3	2	7.4	65.3	0.30	1.38	12.9	0.114	2.12	4.3
N812729		16.0	77.0	<0.002	2.63	2.46	8.6	2	3.0	264	0.46	0.42	11.6	0.169	1.53	3.8
N812730		18.9	65.9	0.002	2.15	1.50	9.6	1	2.7	494	0.57	0.10	12.8	0.190	1.13	4.4
N812731		12.7	69.3	0.002	1.55	1.68	9.6	1	2.8	437	0.55	0.08	14.0	0.188	1.10	4.5
N812732		18.0	68.8	0.002	1.95	2.54	9.5	1	2.8	430	0.53	0.15	11.7	0.189	1.07	4.1
N812733		19.9	65.4	0.002	1.95	1.79	9.4	1	4.2	448	0.45	0.08	11.4	0.181	1.17	3.8





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**CERTIFICATE OF ANALYSIS    WH12207083**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
		V	W	Y	Zn	Zr	Ag
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 1
N812709		51	12.7	10.5	40	18.2	1
N812710		70	13.7	11.1	219	17.1	1
N812711		55	8.4	13.2	53	16.1	<1
N812712		57	14.2	15.2	94	15.0	<1
N812713		68	12.7	14.2	60	15.5	<1
N812714		57	9.1	11.6	61	18.6	<1
N812715		74	5.9	13.8	43	17.1	<1
N812716		55	5.6	12.7	36	18.2	<1
N812717		86	3.2	12.3	50	17.0	<1
N812718		68	6.8	12.9	248	20.1	1
N812719		2	0.1	0.8	14	0.5	<1
N812720		50	5.2	12.0	60	17.6	<1
N812721		76	11.6	12.7	52	19.4	<1
N812722		57	9.6	10.0	56	18.5	<1
N812723		72	7.4	10.1	75	22.3	<1
N812724		59	6.4	13.0	49	21.2	<1
N812725		189	11.6	21.0	111	64.3	1
N812726		68	4.8	13.0	81	19.3	<1
N812727		68	11.1	9.9	43	17.1	<1
N812728		64	10.0	9.1	44	15.4	1
N812729		60	8.4	11.9	50	20.1	<1
N812730		63	6.9	12.5	55	22.8	<1
N812731		61	5.0	13.0	50	22.9	<1
N812732		60	5.2	12.8	59	25.1	<1
N812733		60	5.0	12.7	63	17.4	1

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



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Project: Klaza-121

Page: Appendix 1  
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Finalized Date: 17-SEP-2012  
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**CERTIFICATE OF ANALYSIS WH12207083**

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



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Page: 1  
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**CERTIFICATE WH12207084**

Project: Klaza-122

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 18-SEP-2012  
Account: ROCKHA

Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12207084**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359470		6.93	<0.005	0.25	6.77	60.3	2150	1.33	0.58	2.06	0.16	34.5	11.0	9	8.19	50.6
M359471		2.12	0.012	1.00	6.89	127.5	1720	1.28	0.72	1.47	0.23	43.0	14.9	8	10.05	74.0
M359472		3.46	0.392	30.4	6.71	1255	1270	1.45	1.01	2.03	29.8	45.0	13.9	6	14.55	131.5
M359473		2.47	0.641	6.75	6.82	1555	950	1.57	8.14	2.01	14.85	47.3	28.4	7	15.40	147.0
M359474		2.20	<0.005	0.05	0.05	<5	30	0.05	0.03	20.1	0.11	1.02	1.5	<1	0.15	4.2
M359475		3.01	0.005	0.61	6.70	167.0	1940	1.41	1.53	2.59	0.20	39.9	14.1	7	13.20	81.2
M359476		4.02	<0.005	0.91	6.56	295	1730	1.57	0.63	2.82	0.48	38.0	13.8	8	14.35	72.2
M359477		5.15	<0.005	0.51	6.94	186.0	2090	1.50	0.50	2.67	0.30	45.2	9.4	8	13.30	30.7
M359478		0.26	2.19	26.5	5.77	3270	1670	1.40	19.35	2.20	80.4	44.2	12.4	17	16.05	444
M359479		3.32	<0.005	0.43	6.69	109.5	1980	1.87	0.82	2.53	0.20	40.2	10.2	8	14.15	24.9
M359480		2.62	<0.005	0.41	7.17	38.4	2490	1.57	0.57	1.30	0.25	49.0	11.9	8	11.95	57.0
M359481		4.08	<0.005	0.23	7.31	16.9	2250	1.46	0.76	1.64	0.28	46.0	9.8	7	10.10	20.0
M359482		2.55	<0.005	0.70	6.49	21.7	1970	1.60	0.62	3.04	0.17	39.9	8.9	8	11.35	51.8
M359483		5.64	<0.005	0.19	6.78	18.3	2140	1.63	0.50	2.37	0.12	43.2	10.6	9	12.15	28.9
M359484		<0.02	<0.005	0.18	6.86	17.9	2160	1.68	0.46	2.37	0.10	43.9	11.0	9	12.30	30.2
M359485		2.45	0.281	3.55	6.22	166.0	850	1.57	1.09	2.78	4.54	43.2	10.9	6	15.95	53.5
M359486		3.02	0.006	0.85	7.11	60.6	1750	1.45	1.11	0.94	0.96	53.4	12.2	7	13.30	95.9
M359487		3.95	0.237	23.0	6.79	375	1130	1.61	19.60	1.75	26.6	48.5	11.4	7	15.75	149.5
M359488		1.60	<0.005	0.04	0.04	<5	10	0.05	0.04	20.2	0.08	0.97	1.5	<1	0.11	1.6
M359489		4.43	<0.005	0.30	6.52	14.7	2060	1.52	0.35	2.68	0.86	41.5	9.2	9	10.90	28.2
M359490		4.96	<0.005	0.17	6.71	13.5	2130	1.50	0.23	2.68	0.14	44.3	8.9	10	10.35	11.8
M359491		2.74	<0.005	0.83	5.79	21.8	1570	1.52	0.35	4.00	0.12	34.5	8.5	7	13.80	11.5
M359492		2.53	<0.005	0.18	7.23	12.8	2080	1.65	0.30	2.14	0.13	42.2	8.6	8	11.85	13.7
M359493		1.15	<0.005	0.38	7.38	14.8	1990	1.76	0.30	2.37	0.11	41.1	10.4	8	12.05	12.5
M359494		5.05	0.005	0.14	6.70	13.5	2120	1.61	0.23	2.74	0.11	42.0	8.9	9	11.05	13.6
M359495		7.25	<0.005	0.33	6.85	27.1	2250	1.63	0.50	2.56	0.34	40.6	11.7	8	9.94	37.9
M359496		7.87	<0.005	0.48	6.91	61.9	2330	1.60	0.63	2.40	0.28	40.8	13.4	10	9.61	60.8
M359497		4.19	<0.005	0.10	7.00	16.1	2220	1.63	0.29	2.48	0.10	43.6	8.7	9	11.05	10.4
M359498		2.89	0.009	0.48	5.98	38.5	1560	1.55	0.24	3.40	2.86	35.9	6.1	8	10.85	14.0
M359499		2.50	<0.005	0.38	6.85	27.3	1650	1.70	0.49	2.58	0.53	43.4	8.9	7	11.60	29.8
M359500		2.72	<0.005	0.50	6.86	59.7	2080	1.58	1.41	2.34	0.26	44.7	13.7	8	9.56	69.2
M359501		3.72	<0.005	0.13	6.69	29.7	2270	1.63	0.85	2.37	0.12	39.7	11.1	9	10.80	21.6
M359502		0.26	0.769	9.53	6.30	1675	1390	1.58	6.29	1.86	40.8	42.3	18.8	19	16.75	107.5
M359503		8.89	<0.005	0.57	6.96	25.8	1920	1.69	0.65	2.29	0.16	44.5	13.0	9	11.55	88.2
M359504		8.93	0.019	0.42	6.75	38.0	2170	1.61	2.57	2.27	0.17	41.9	12.2	9	9.16	50.3
M359505		5.54	<0.005	0.16	6.53	12.9	2130	1.58	3.42	2.17	0.10	39.8	9.9	8	10.15	34.1



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Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12207084**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359470		2.77	19.10	0.13	1.3	0.057	2.35	16.2	28.2	0.28	546	9.39	0.42	8.9	3.2	620
M359471		2.92	18.75	0.15	1.3	0.075	2.52	22.1	29.2	0.53	855	5.19	0.25	8.3	3.3	610
M359472		3.46	17.15	0.15	1.1	0.323	2.69	24.5	29.2	0.77	1860	4.02	0.05	7.3	2.7	530
M359473		3.93	17.20	0.16	1.1	0.091	2.97	25.2	30.0	0.70	2390	5.76	0.44	7.6	2.9	560
M359474		0.46	0.26	0.22	<0.1	0.006	0.02	0.5	0.9	12.10	212	0.10	<0.01	0.3	2.4	180
M359475		3.21	17.55	0.16	1.1	0.048	2.55	19.8	12.9	0.72	513	1.67	1.85	7.9	2.9	580
M359476		3.11	18.05	0.17	1.2	0.042	2.50	18.7	12.8	0.70	675	1.44	1.67	8.2	2.6	580
M359477		2.85	17.65	0.17	1.3	0.035	2.54	23.2	18.1	0.72	510	4.74	2.01	8.2	2.9	560
M359478		6.45	16.20	0.19	1.0	1.900	2.67	24.8	26.7	0.91	1900	13.10	0.04	6.5	16.2	440
M359479		2.89	18.75	0.13	1.3	0.042	2.51	19.5	22.9	0.66	579	3.17	1.64	8.9	2.9	590
M359480		2.72	18.60	0.16	1.4	0.077	2.58	26.2	35.6	0.57	757	8.14	0.28	8.5	2.9	580
M359481		2.83	18.65	0.17	1.5	0.091	2.69	23.5	46.5	0.66	966	2.70	0.10	8.8	3.0	610
M359482		2.93	17.45	0.19	1.2	0.104	2.58	20.0	18.9	0.72	753	11.20	1.51	8.0	2.8	550
M359483		2.88	18.10	0.18	1.3	0.087	2.65	21.5	16.1	0.76	643	11.00	1.95	8.5	2.7	580
M359484		2.95	18.25	0.18	1.4	0.088	2.67	21.8	16.1	0.78	653	13.05	1.98	8.5	2.9	580
M359485		3.83	16.60	0.18	1.2	0.242	2.85	23.0	35.2	0.92	2100	4.67	0.10	7.3	2.5	480
M359486		3.01	18.50	0.19	1.3	0.166	3.09	29.6	33.1	0.67	1330	3.74	0.15	8.4	2.8	550
M359487		3.32	17.30	0.18	1.3	0.599	3.03	26.7	31.5	0.71	2130	2.19	0.05	7.7	2.6	550
M359488		0.47	0.25	0.28	<0.1	0.005	0.01	0.5	0.8	12.10	215	0.15	<0.01	0.3	2.6	160
M359489		2.72	18.15	0.16	1.4	0.118	2.66	19.7	13.4	0.69	689	0.74	1.93	8.4	2.6	550
M359490		3.00	18.20	0.20	1.3	0.060	2.44	21.3	17.6	0.89	657	1.24	2.26	8.5	2.9	630
M359491		2.23	17.55	0.20	1.2	0.070	2.59	16.4	24.3	0.55	1040	1.24	1.47	8.1	2.7	570
M359492		3.09	18.95	0.19	1.4	0.061	2.58	21.1	19.6	0.84	467	1.68	2.15	8.8	3.0	650
M359493		3.62	19.80	0.20	1.4	0.073	2.38	20.2	22.4	1.02	521	2.25	2.06	8.8	3.5	700
M359494		2.84	17.95	0.20	1.3	0.054	2.44	20.8	21.6	0.80	573	1.45	2.02	8.4	2.8	600
M359495		2.87	18.25	0.19	1.2	0.063	2.73	20.1	21.7	0.83	554	4.67	2.22	8.6	2.7	590
M359496		2.98	17.95	0.20	1.3	0.061	2.55	20.6	22.7	0.88	510	4.26	2.33	8.5	2.8	560
M359497		2.98	17.70	0.20	1.4	0.042	2.48	22.5	22.9	0.80	500	2.46	2.27	8.1	2.6	590
M359498		2.67	16.45	0.19	1.2	0.049	2.62	17.9	13.1	0.70	1280	1.84	1.44	7.6	2.3	490
M359499		2.83	17.90	0.20	1.4	0.049	2.65	22.6	18.3	0.66	840	3.32	1.61	8.7	2.9	540
M359500		3.10	17.50	0.18	1.2	0.038	2.40	23.1	24.2	0.79	479	1.34	2.09	8.1	2.7	560
M359501		2.82	17.35	0.19	1.4	0.029	2.51	20.0	24.7	0.79	494	1.24	2.29	7.9	2.7	550
M359502		5.04	16.50	0.19	1.4	0.927	2.84	22.9	27.1	0.68	1960	12.60	0.26	7.8	15.8	490
M359503		3.00	17.85	0.19	1.5	0.069	2.61	23.1	18.6	0.71	615	1.69	1.93	8.3	2.8	600
M359504		2.87	17.80	0.19	1.3	0.051	2.70	21.0	18.4	0.76	508	37.8	2.15	8.3	2.8	560
M359505		2.65	17.35	0.19	1.4	0.042	2.59	20.4	19.7	0.79	485	9.80	2.04	8.3	2.7	540



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Account: ROCKHA

Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12207084**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M359470		15.5	89.8	<0.002	0.44	38.2	11.9	1	4.7	140.5	0.74	<0.05	8.8	0.278	5.5
M359471		18.8	112.0	<0.002	0.76	35.9	13.1	1	4.1	106.5	0.68	0.05	11.2	0.268	3.5
M359472		1030	171.0	<0.002	1.96	79.8	11.8	2	3.0	82.8	0.60	0.08	11.4	0.229	9.7
M359473		629	185.5	<0.002	2.18	52.4	12.6	3	4.5	128.5	0.62	0.32	11.0	0.240	4.1
M359474		3.3	1.3	<0.002	<0.01	0.20	0.3	1	<0.2	38.5	<0.05	<0.05	<0.2	<0.005	0.4
M359475		17.6	115.5	<0.002	0.65	9.80	11.9	2	2.7	332	0.65	<0.05	9.8	0.248	4.0
M359476		26.8	104.5	<0.002	0.54	11.60	11.9	1	3.1	288	0.66	<0.05	9.9	0.252	3.7
M359477		22.2	112.5	<0.002	0.42	5.83	12.2	1	4.1	347	0.70	<0.05	12.3	0.249	4.6
M359478		2840	165.0	0.002	4.72	98.8	9.8	2	9.1	94.8	0.53	0.43	10.6	0.184	5.4
M359479		18.0	100.5	<0.002	0.34	7.08	13.0	1	4.6	293	0.70	<0.05	10.1	0.256	4.1
M359480		14.3	133.5	<0.002	0.30	22.7	14.0	1	7.7	86.1	0.71	<0.05	13.0	0.252	5.7
M359481		22.3	110.0	<0.002	0.15	14.55	13.2	1	9.8	89.5	0.73	<0.05	12.1	0.262	3.3
M359482		16.3	104.0	0.003	0.14	9.27	12.3	1	8.2	280	0.67	<0.05	11.0	0.240	4.2
M359483		16.2	105.5	0.002	0.27	4.28	12.3	1	8.2	346	0.70	0.06	11.0	0.250	3.9
M359484		15.9	108.5	0.003	0.27	4.30	12.5	1	8.3	349	0.71	0.06	11.5	0.252	4.3
M359485		342	146.5	<0.002	2.04	28.2	11.4	1	6.0	100.0	0.63	0.09	11.5	0.213	6.0
M359486		69.7	161.5	<0.002	0.31	25.7	12.6	1	5.6	72.8	0.72	0.06	14.6	0.240	6.4
M359487		2090	172.0	<0.002	1.73	146.0	12.2	1	6.6	66.3	0.67	0.10	12.8	0.226	6.7
M359488		2.9	0.9	<0.002	0.01	0.20	0.4	1	<0.2	42.5	<0.05	<0.05	<0.2	<0.005	0.6
M359489		39.7	104.0	<0.002	0.09	4.65	11.7	1	5.7	331	0.75	<0.05	10.5	0.243	3.9
M359490		16.7	95.8	<0.002	0.06	2.61	13.7	1	4.7	420	0.66	<0.05	10.5	0.274	3.2
M359491		14.0	92.0	<0.002	0.09	6.92	11.4	1	4.2	283	0.62	<0.05	8.0	0.257	3.9
M359492		16.0	107.5	<0.002	0.06	3.17	13.5	1	4.7	366	0.67	<0.05	10.6	0.287	3.0
M359493		15.7	98.3	<0.002	0.07	3.59	15.4	1	5.3	369	0.65	<0.05	10.2	0.307	3.5
M359494		15.0	92.7	<0.002	0.06	2.72	12.3	1	4.2	407	0.67	<0.05	10.4	0.256	3.5
M359495		24.7	103.5	<0.002	0.19	2.41	12.1	1	3.8	401	0.70	<0.05	10.7	0.252	3.4
M359496		25.7	103.5	<0.002	0.29	2.63	12.7	1	3.6	403	0.66	<0.05	11.2	0.254	3.8
M359497		15.3	103.0	<0.002	0.08	1.52	13.4	1	3.8	391	0.66	<0.05	12.0	0.258	3.8
M359498		142.5	105.5	<0.002	0.21	4.65	10.8	1	3.3	253	0.64	<0.05	9.6	0.225	4.4
M359499		37.5	123.5	<0.002	0.22	3.94	12.3	1	3.1	244	0.76	<0.05	11.6	0.239	4.6
M359500		22.5	105.0	<0.002	0.45	2.27	12.2	1	2.5	348	0.66	0.06	12.1	0.242	4.2
M359501		16.0	97.6	<0.002	0.16	1.42	11.6	1	3.1	394	0.68	<0.05	11.4	0.244	3.5
M359502		1320	160.0	0.002	2.97	35.0	10.6	2	6.1	148.0	0.64	0.32	11.5	0.208	5.4
M359503		16.3	119.0	<0.002	0.18	4.86	12.6	1	3.2	306	0.73	0.05	12.1	0.256	4.4
M359504		18.8	108.5	0.003	0.24	2.21	11.9	1	2.9	355	0.69	0.10	11.3	0.244	4.0
M359505		14.8	105.5	<0.002	0.06	2.20	11.6	1	3.2	375	0.68	0.05	11.3	0.240	4.2



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 Account: ROCKHA

Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12207084**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359470		76	4.5	14.0	47	38.9	<1
M359471		74	3.8	15.4	56	37.8	1
M359472		65	4.7	15.2	3190	33.5	31
M359473		66	5.5	14.9	1340	31.8	6
M359474		2	0.1	0.7	18	<0.5	<1
M359475		69	2.4	15.2	58	33.1	<1
M359476		69	2.5	13.3	74	36.1	<1
M359477		66	2.0	16.2	50	39.7	<1
M359478		56	5.7	10.8	5370	28.5	25
M359479		69	2.3	16.2	50	41.5	<1
M359480		73	4.3	16.6	70	41.4	<1
M359481		65	7.0	17.0	65	43.0	<1
M359482		65	4.1	16.6	52	36.9	1
M359483		68	2.5	16.4	47	39.2	<1
M359484		68	2.5	16.7	47	40.2	<1
M359485		58	3.7	15.4	494	35.1	3
M359486		65	5.5	16.8	139	39.1	<1
M359487		62	6.2	16.1	3000	36.8	23
M359488		2	0.1	0.8	15	<0.5	<1
M359489		66	2.2	16.3	122	40.2	<1
M359490		75	2.2	17.7	50	37.3	<1
M359491		67	7.9	17.1	40	36.9	<1
M359492		79	3.3	14.3	47	40.5	<1
M359493		88	5.2	15.9	54	40.0	<1
M359494		68	3.0	15.8	43	37.9	<1
M359495		68	2.8	16.5	58	36.1	<1
M359496		69	2.5	16.4	53	35.6	<1
M359497		67	4.7	17.2	40	39.8	<1
M359498		62	2.8	14.9	306	35.6	<1
M359499		65	2.5	16.3	84	40.0	<1
M359500		65	2.7	16.0	47	35.9	<1
M359501		65	2.2	15.9	39	38.9	<1
M359502		57	5.5	11.9	2930	42.3	9
M359503		70	4.3	16.3	49	41.6	1
M359504		65	74.9	16.0	46	39.4	<1
M359505		64	9.0	16.2	38	42.2	<1



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**CERTIFICATE OF ANALYSIS WH12207084**

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





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**CERTIFICATE WH12207085**

Project: Klaza-124

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12207085**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357196		4.96	0.048	10.25	6.52	630	1620	1.48	1.03	0.18	15.95	46.9	9.3	6	18.95	185.0
M357197		7.15	1.330	42.6	6.47	1130	1260	1.32	2.55	0.12	13.10	42.7	2.8	7	17.15	74.6
M357198		7.20	0.010	0.36	7.28	57.5	1900	1.71	0.29	1.57	3.18	52.1	7.1	11	12.35	28.6
M357199		4.54	0.040	0.42	7.27	33.9	2310	1.39	1.57	1.77	1.05	48.6	8.5	7	10.45	38.0
M357200		4.67	0.030	0.72	6.44	251	2170	1.47	0.32	2.41	1.07	40.7	13.7	7	13.85	5.6
M357201		0.26	0.757	9.26	6.43	1740	420	1.43	5.81	1.91	42.6	45.2	16.4	19	16.60	106.5
M357202		7.40	0.005	0.14	7.05	24.1	1990	1.59	0.26	2.17	0.23	47.1	9.0	11	12.00	5.1
M357203		2.65	0.006	0.36	5.33	46.9	7860	1.22	0.17	4.02	1.45	41.2	6.7	5	15.25	14.0
M357204		4.92	<0.005	0.35	6.92	13.2	1850	1.53	0.25	2.27	0.48	43.6	6.4	9	12.70	12.9
M357205		4.94	0.008	0.12	7.18	9.2	2040	1.65	0.20	2.31	0.15	48.0	6.4	9	13.00	22.6
M357206		8.41	<0.005	0.57	7.07	10.6	2010	1.57	0.26	2.31	0.31	46.5	7.0	8	13.70	25.2
M357207		3.93	<0.005	0.21	6.96	11.2	2170	1.45	0.33	2.49	0.09	41.2	6.0	7	11.10	71.3
M357208		<0.02	<0.005	0.25	7.04	10.8	2170	1.48	0.35	2.44	0.08	44.6	5.7	6	11.05	64.5
M357209		8.28	<0.005	0.22	6.95	14.5	1990	1.44	0.23	2.75	0.21	43.3	8.5	10	6.92	45.0
M357210		4.95	<0.005	0.18	7.15	10.7	2100	1.56	0.26	2.39	0.11	47.6	8.0	8	7.59	15.4
M357211		8.59	0.007	0.20	7.15	10.0	2100	1.53	0.23	2.48	0.10	46.1	7.4	8	7.33	46.7
M357212		3.17	<0.005	0.12	6.96	9.0	2160	1.36	0.27	2.92	0.07	42.6	6.1	22	5.65	12.6
M357213		2.54	<0.005	0.15	6.19	8.4	1990	1.40	0.50	2.81	0.08	40.9	3.8	7	6.96	14.1
M357214		2.43	<0.005	0.01	0.04	<5	40	<0.05	0.01	20.7	0.05	1.12	1.1	<1	0.10	2.2
M357215		4.19	<0.005	0.20	7.35	10.8	2140	1.54	0.35	2.38	0.17	51.7	5.4	8	8.22	11.8
M357216		4.18	0.019	0.83	6.68	124.0	1940	1.48	0.36	2.35	1.82	47.4	5.6	7	8.46	10.3
M357217		3.48	<0.005	0.97	6.70	13.3	1880	1.52	0.27	2.14	0.95	38.7	3.3	7	8.51	10.6
M357218		3.01	0.671	49.5	6.38	218	1100	1.42	0.29	2.66	75.7	39.2	4.1	6	11.10	263
M357219		2.21	<0.005	0.08	0.07	<5	30	0.07	0.03	21.0	0.17	1.38	1.1	<1	0.18	2.3
M357220		2.72	<0.005	0.18	6.89	7.1	1850	1.43	0.23	2.31	0.17	41.3	3.3	14	6.30	7.0
M357221		5.21	<0.005	0.11	6.95	7.3	2730	1.42	0.26	2.01	0.07	45.3	4.0	9	6.33	5.0
M357222		6.97	<0.005	0.09	7.26	8.3	2260	1.50	0.23	1.82	0.07	50.2	3.8	9	6.09	5.9
M357223		2.89	<0.005	0.06	7.02	8.0	2110	1.45	0.23	1.78	0.05	47.4	3.9	8	5.81	7.9
M357224		4.81	<0.005	0.11	7.00	9.7	2330	1.50	0.20	1.93	0.03	48.0	3.8	7	8.43	3.0
M357225		8.04	<0.005	0.08	7.13	8.5	2130	1.54	0.23	2.54	0.05	49.2	5.3	11	6.59	6.6
M357226		4.62	<0.005	0.09	6.99	7.9	2130	1.60	0.25	2.38	0.09	52.0	6.4	10	6.40	11.2
M357227		0.25	0.781	9.07	6.31	1710	680	1.46	5.63	1.85	41.5	45.2	15.2	19	16.30	100.5
M357228		4.83	<0.005	0.13	6.97	11.9	2370	1.45	0.31	2.02	0.15	49.4	6.3	9	6.93	6.8
M357229		8.49	<0.005	0.11	6.93	11.9	2410	1.54	0.22	2.32	0.11	48.1	5.7	9	7.62	6.7
M357230		4.48	<0.005	0.10	7.01	7.6	2540	1.53	0.22	2.52	0.10	45.8	5.7	9	8.48	11.7
M357231		2.81	0.005	0.42	6.44	19.4	3290	1.42	0.33	2.72	0.11	44.0	7.2	8	10.40	23.9



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Project: Klaza-124

**CERTIFICATE OF ANALYSIS WH12207085**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357196		3.72	15.15	0.12	1.1	0.578	2.83	24.9	61.9	0.17	4670	6.11	0.24	7.2	3.9	370
M357197		4.04	15.30	0.13	1.1	0.459	3.08	22.9	23.7	0.18	1900	2.67	0.03	7.0	1.8	370
M357198		3.23	16.95	0.13	1.7	0.125	3.25	27.3	13.5	0.49	1320	1.93	1.55	9.0	3.0	550
M357199		3.87	17.35	0.15	1.3	0.192	3.35	24.1	12.0	0.63	1000	1.98	1.34	8.9	2.9	600
M357200		3.17	15.55	0.12	1.2	0.092	3.35	19.2	14.9	0.57	1660	1.70	0.76	8.0	2.9	540
M357201		5.35	15.90	0.14	1.4	0.924	2.91	23.0	24.9	0.69	2010	14.15	0.26	8.1	17.3	490
M357202		2.98	16.20	0.12	1.3	0.067	2.94	23.3	11.8	0.74	715	4.73	2.34	8.7	2.9	550
M357203		2.80	12.80	0.11	1.1	0.049	2.21	21.4	184.5	0.54	1940	3.12	0.05	6.6	2.7	420
M357204		2.83	16.70	0.13	1.6	0.048	2.90	21.0	29.1	0.57	607	1.50	1.87	8.8	2.6	550
M357205		2.77	16.95	0.12	1.7	0.045	2.91	23.4	16.1	0.75	536	76.8	2.53	9.0	2.8	550
M357206		2.95	16.50	0.12	1.5	0.113	2.80	22.3	13.6	0.73	651	1.32	2.21	9.2	2.8	590
M357207		3.08	16.45	0.11	1.4	0.163	2.87	20.0	12.2	0.75	664	1.02	2.33	8.6	2.7	550
M357208		3.04	16.20	0.12	1.5	0.171	2.80	22.0	11.5	0.75	644	2.37	2.35	8.7	2.6	530
M357209		3.12	16.80	0.12	1.4	0.086	2.63	20.5	10.9	0.88	708	1.76	2.30	8.5	3.0	630
M357210		2.80	16.55	0.11	1.5	0.069	2.89	23.7	11.0	0.78	628	1.33	2.32	8.8	2.7	560
M357211		2.94	16.70	0.12	1.4	0.060	2.88	22.4	9.4	0.78	645	2.25	2.25	8.6	2.7	580
M357212		3.14	17.20	0.12	1.4	0.068	2.67	20.2	10.8	0.98	831	1.67	1.96	8.3	3.8	660
M357213		3.24	16.05	0.11	1.2	0.164	2.17	19.3	15.2	0.83	1240	0.52	1.37	7.5	3.9	530
M357214		0.47	0.21	<0.05	<0.1	<0.005	0.02	0.6	1.1	12.45	193	0.10	0.01	0.2	1.5	170
M357215		3.14	17.45	0.12	1.6	0.083	2.93	25.3	11.3	0.84	866	0.99	1.99	8.9	2.9	610
M357216		3.09	15.75	0.11	1.3	0.097	2.89	23.5	7.7	0.69	2200	0.90	1.62	7.7	2.5	530
M357217		3.06	15.95	0.11	1.3	0.120	3.13	18.0	11.0	0.64	1560	5.49	1.30	7.8	2.6	570
M357218		3.33	15.80	0.12	1.3	3.75	2.80	18.7	23.9	0.65	2510	1.97	0.72	7.4	2.4	520
M357219		0.47	0.26	<0.05	<0.1	0.011	0.03	0.7	1.2	12.55	200	0.18	0.01	0.3	1.4	170
M357220		2.75	16.25	0.09	1.5	0.069	2.40	19.5	8.0	0.67	683	1.19	2.49	8.2	2.6	550
M357221		2.79	15.65	0.11	1.4	0.074	2.44	22.2	11.1	0.68	588	1.29	2.48	8.1	2.5	560
M357222		2.76	16.60	0.11	1.4	0.060	2.85	25.5	10.4	0.76	512	2.43	2.37	8.5	2.6	570
M357223		2.76	16.00	0.13	1.5	0.062	2.76	24.0	9.9	0.75	511	2.09	2.24	8.6	2.7	570
M357224		2.48	16.30	0.11	1.3	0.092	2.35	24.4	14.6	0.78	450	0.94	1.70	8.0	2.4	560
M357225		2.80	16.50	0.12	1.5	0.074	2.72	24.4	11.7	0.77	511	1.19	1.96	8.4	3.0	590
M357226		2.76	16.35	0.12	1.6	0.059	2.71	25.8	9.6	0.76	490	1.10	2.30	8.8	2.9	530
M357227		5.21	15.45	0.14	1.4	0.918	2.80	23.4	24.2	0.68	1940	12.45	0.26	8.0	15.8	480
M357228		2.93	16.05	0.13	1.4	0.065	2.51	25.0	10.7	0.79	481	1.10	2.64	8.2	2.7	550
M357229		2.83	16.30	0.12	1.5	0.059	2.79	23.5	10.5	0.74	591	1.68	2.25	8.2	2.6	540
M357230		2.96	16.85	0.12	1.7	0.075	2.77	22.2	7.3	0.76	607	1.12	2.19	8.5	2.6	560
M357231		3.12	15.90	0.12	1.4	0.131	2.98	20.8	7.6	0.69	1140	1.21	1.41	8.0	2.6	530



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Project: Klaza-124

**CERTIFICATE OF ANALYSIS WH12207085**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357196		527	162.5	<0.002	0.04	62.9	11.0	1	2.1	98.1	0.54	<0.05	12.6	0.221	2.32	6.2
M357197		7400	194.0	<0.002	0.43	116.5	9.9	1	3.5	74.2	0.51	0.22	11.2	0.214	2.98	6.8
M357198		41.9	169.0	<0.002	0.05	6.86	11.2	1	2.1	236	0.82	<0.05	15.1	0.231	1.93	3.3
M357199		25.5	165.5	<0.002	0.10	5.48	12.0	1	2.4	196.0	0.63	<0.05	13.0	0.264	1.96	2.8
M357200		100.5	162.0	<0.002	0.28	9.08	10.1	1	2.1	138.5	0.58	<0.05	11.3	0.226	2.30	3.4
M357201		1365	166.0	0.002	3.04	35.1	9.6	2	6.1	152.5	0.60	0.30	11.5	0.211	2.35	5.1
M357202		21.2	128.0	<0.002	0.05	4.28	11.0	1	2.0	302	0.66	<0.05	13.2	0.244	1.34	2.7
M357203		22.7	107.0	<0.002	0.22	34.3	8.5	1	1.4	165.5	0.54	<0.05	11.0	0.182	1.60	4.8
M357204		48.7	124.0	<0.002	0.03	7.70	10.5	1	1.9	261	0.71	<0.05	12.5	0.237	1.39	3.3
M357205		20.4	116.0	0.011	0.01	2.36	10.6	1	1.9	383	0.73	<0.05	13.5	0.242	1.14	3.9
M357206		669	114.5	<0.002	0.04	3.75	11.2	1	2.1	323	0.71	<0.05	12.2	0.253	1.21	3.4
M357207		19.2	110.0	<0.002	0.02	3.41	10.2	1	2.0	315	0.66	<0.05	11.7	0.244	1.20	2.8
M357208		17.7	116.5	<0.002	0.02	3.43	10.3	1	2.1	304	0.66	<0.05	12.7	0.243	1.21	2.9
M357209		33.3	106.0	<0.002	0.06	3.15	12.1	1	2.2	313	0.64	<0.05	11.4	0.270	1.24	2.5
M357210		20.6	116.5	<0.002	0.05	3.52	10.8	1	2.0	369	0.66	<0.05	13.6	0.251	1.19	3.7
M357211		17.2	115.5	<0.002	0.05	3.75	10.6	1	1.9	350	0.64	<0.05	12.7	0.244	1.22	3.3
M357212		9.9	106.0	<0.002	0.02	3.44	11.9	1	1.9	275	0.61	<0.05	10.9	0.257	1.22	3.4
M357213		10.3	87.2	<0.002	0.05	6.70	9.7	1	1.9	184.0	0.54	<0.05	9.9	0.225	1.22	3.8
M357214		1.5	0.9	<0.002	<0.01	<0.05	0.2	1	<0.2	48.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357215		20.2	117.0	<0.002	0.07	4.37	11.8	1	2.2	329	0.68	<0.05	13.3	0.258	1.31	3.9
M357216		98.4	126.5	<0.002	0.46	6.31	10.3	1	2.1	244	0.58	<0.05	13.1	0.228	1.54	4.3
M357217		165.5	127.0	<0.002	0.08	8.45	10.4	1	2.1	178.0	0.55	<0.05	10.3	0.241	1.74	4.1
M357218		>10000	122.0	<0.002	1.65	116.0	9.9	2	2.5	132.0	0.57	<0.05	10.6	0.229	1.79	5.7
M357219		17.3	1.6	<0.002	<0.01	0.26	0.3	2	<0.2	49.9	<0.05	<0.05	0.3	<0.005	<0.02	2.3
M357220		19.1	101.0	<0.002	0.02	3.81	10.2	1	1.9	220	0.66	<0.05	11.6	0.235	1.16	3.4
M357221		11.4	98.4	<0.002	0.04	4.37	10.3	1	2.0	236	0.65	<0.05	12.3	0.233	1.07	3.3
M357222		11.9	118.0	<0.002	0.02	3.44	10.6	1	2.2	242	0.66	<0.05	13.6	0.250	1.04	4.0
M357223		9.7	115.0	<0.002	0.01	3.39	10.5	1	2.4	238	0.66	<0.05	13.6	0.246	1.06	3.4
M357224		6.0	105.0	<0.002	0.06	4.90	10.6	1	1.9	153.0	0.63	<0.05	12.4	0.241	1.08	3.0
M357225		10.3	111.5	<0.002	0.05	2.86	10.5	1	2.0	212	0.66	<0.05	13.4	0.251	1.10	3.1
M357226		16.4	113.0	<0.002	0.06	2.54	10.3	1	2.0	295	0.74	<0.05	14.3	0.239	1.01	4.4
M357227		1335	162.5	0.002	2.96	34.2	8.8	2	6.1	148.5	0.61	0.27	11.6	0.204	2.29	5.2
M357228		17.2	104.5	<0.002	0.06	3.53	10.2	1	1.8	283	0.64	<0.05	13.7	0.236	0.95	4.1
M357229		17.7	111.0	<0.002	0.08	2.85	10.3	1	1.9	342	0.68	<0.05	12.9	0.233	1.14	4.4
M357230		15.5	111.5	<0.002	0.07	2.17	10.4	1	2.0	346	0.70	<0.05	12.3	0.241	1.19	3.7
M357231		13.8	146.5	<0.002	0.37	4.17	9.6	1	2.1	246	0.65	<0.05	11.1	0.218	1.84	4.5



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Project: Klaza-124

**CERTIFICATE OF ANALYSIS WH12207085**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M357196		63	5.4	15.9	2090	30.5	10	
M357197		60	6.4	9.9	1420	30.7	53	
M357198		64	2.6	17.3	392	40.0	<1	
M357199		72	4.0	14.9	181	34.6	<1	
M357200		62	2.3	13.1	177	32.3	<1	
M357201		59	5.2	12.0	2950	40.9	9	
M357202		66	1.4	16.2	70	32.9	<1	
M357203		53	2.7	16.3	200	29.1	<1	
M357204		66	1.6	16.1	72	39.3	<1	
M357205		67	1.2	17.2	43	44.4	<1	
M357206		71	1.5	16.9	59	38.3	<1	
M357207		65	1.9	15.2	45	36.7	<1	
M357208		64	2.0	16.0	43	39.9	<1	
M357209		79	1.9	15.9	62	36.1	<1	
M357210		67	1.6	16.2	52	38.0	<1	
M357211		68	1.8	16.3	53	37.8	<1	
M357212		75	2.3	14.7	61	37.2	<1	
M357213		66	3.0	13.5	55	31.3	<1	
M357214		2	0.1	0.8	13	<0.5	<1	
M357215		73	1.8	16.6	56	40.6	<1	
M357216		62	2.6	14.6	214	33.3	<1	
M357217		67	3.6	12.3	169	33.4	1	
M357218		63	2.5	12.8	8350	31.4	49	1.005
M357219		2	0.1	0.9	25	<0.5	<1	
M357220		65	2.6	13.4	65	36.8	<1	
M357221		64	2.5	14.1	53	36.0	<1	
M357222		67	2.4	15.2	53	36.1	<1	
M357223		65	2.4	15.2	49	37.4	<1	
M357224		70	2.6	14.0	41	32.4	<1	
M357225		67	2.3	16.3	41	37.8	<1	
M357226		65	1.8	17.5	42	39.2	<1	
M357227		57	5.0	11.7	2820	40.1	9	
M357228		63	1.5	16.6	53	35.1	<1	
M357229		63	1.3	16.7	45	37.7	<1	
M357230		67	1.6	16.5	39	40.7	<1	
M357231		61	1.8	14.5	39	35.7	<1	



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**CERTIFICATE OF ANALYSIS WH12207085**

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



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**CERTIFICATE WH12207086**

Project: Klaza-124

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12207086**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357232		4.38	<0.005	0.07	6.43	10.1	2130	1.22	0.25	2.48	0.08	37.0	5.4	10	9.86	2.7
M357233		3.12	0.066	0.68	6.46	321	1800	1.33	0.24	3.23	0.36	45.4	6.5	7	18.40	6.4
M357234		2.87	<0.005	0.09	6.22	10.5	3230	1.35	0.24	2.46	0.07	36.5	6.3	9	10.25	4.3
M357235		2.85	<0.005	0.19	6.31	10.1	2730	1.33	0.28	2.64	0.08	36.3	6.3	11	10.25	2.3
M357236		5.34	<0.005	0.12	6.88	9.1	2800	1.37	0.29	2.54	0.07	42.8	5.6	9	9.35	4.4
M357237		<0.02	<0.005	0.10	6.92	8.7	2770	1.40	0.25	2.55	0.06	41.6	5.1	9	9.06	3.5
M357238		7.53	<0.005	0.08	7.22	9.0	3050	1.56	0.29	2.52	0.05	46.5	6.2	9	9.24	4.0
M357239		7.80	<0.005	0.10	7.02	7.4	2530	1.25	0.34	2.50	0.06	41.8	6.2	9	8.35	4.8
M357240		8.75	<0.005	0.36	7.15	9.1	2110	1.56	0.25	2.33	0.11	46.9	5.3	9	9.53	14.1
M357241		7.30	<0.005	0.14	6.94	8.2	2520	1.36	0.28	2.21	0.09	44.8	5.6	10	7.75	6.5
M357242		3.81	<0.005	0.12	6.87	7.6	2670	1.31	0.28	2.29	0.08	44.4	5.5	9	7.51	6.5
M357243		2.60	0.008	0.21	6.67	26.0	1650	1.31	0.28	2.29	0.22	39.4	4.2	8	9.83	3.8
M357244		2.72	0.019	0.52	6.50	26.2	2040	1.16	0.26	3.21	0.14	37.0	5.6	7	7.74	2.9
M357245		6.36	<0.005	0.16	7.12	9.0	2640	1.27	0.25	2.38	0.10	52.2	5.6	9	6.18	5.1
M357246		5.35	<0.005	0.10	7.09	11.0	2300	1.28	0.26	1.99	0.13	44.0	6.3	10	3.92	6.2
M357247		8.12	<0.005	0.12	7.01	13.6	2040	1.30	0.30	2.12	0.23	49.9	6.6	14	4.83	7.5
M357248		0.26	0.747	9.71	6.26	1625	350	1.30	6.20	1.82	40.2	41.6	15.7	19	15.30	101.0
M357249		3.52	<0.005	0.29	7.06	14.2	2130	1.34	0.34	2.00	0.23	44.8	7.0	10	5.77	5.3
M357250		2.82	0.023	2.17	6.34	38.8	1800	1.27	0.59	2.03	0.35	38.0	6.6	9	8.21	28.4
M357251		5.25	<0.005	0.16	6.19	7.9	3400	1.02	0.50	1.74	0.09	42.9	5.1	8	6.13	7.0
M357252		2.84	0.010	4.99	6.99	16.4	2380	1.48	0.30	2.71	0.09	48.9	6.4	9	10.30	16.8
M357253		3.22	0.009	0.32	6.65	35.2	2700	1.52	0.35	2.71	0.15	39.2	6.3	9	13.50	5.1
M357254		3.98	<0.005	0.02	0.07	<5	60	0.06	0.04	20.3	0.07	1.20	1.0	<1	0.17	1.9
M357255		3.05	0.005	0.19	7.13	50.7	3960	1.39	0.38	3.12	0.15	37.6	6.9	8	11.95	11.9
M357256		4.23	<0.005	0.12	7.47	12.0	2150	1.54	0.28	2.33	0.19	43.8	7.0	10	7.03	7.0
M357257		7.98	<0.005	0.13	7.60	10.5	1730	1.50	0.27	2.10	0.16	48.5	6.3	10	5.67	10.8
M357258		8.18	<0.005	0.14	7.80	13.0	1950	1.58	0.51	2.25	0.19	51.8	6.3	10	6.12	12.4
M357259		0.26	0.755	10.65	6.86	1840	630	1.62	6.77	1.93	43.7	42.1	18.1	21	16.15	113.0
M357260		8.23	<0.005	0.21	7.80	13.3	2030	1.72	0.29	2.29	0.16	48.7	6.3	11	7.56	17.1
M357261		4.60	<0.005	0.08	7.65	4.9	1230	1.22	0.16	1.65	0.04	48.0	6.6	9	6.44	6.5
M357262		2.66	0.069	0.23	6.86	430	2320	1.18	0.18	1.80	0.09	40.8	5.4	9	7.99	4.6
M357263		2.92	<0.005	0.14	7.34	8.2	2340	1.21	0.22	1.83	0.05	47.7	12.8	10	6.88	6.0
M357264		2.66	0.023	0.26	6.83	50.9	2450	1.25	0.24	2.74	0.21	39.0	5.9	9	12.50	4.9
M357265		2.14	<0.005	0.01	0.07	<5	40	0.08	0.04	20.9	0.04	1.07	1.0	<1	0.17	1.4
M357266		2.86	<0.005	0.13	6.73	13.5	2270	1.07	0.18	4.88	0.10	37.6	5.6	6	11.50	4.9
M357267		7.56	<0.005	0.16	7.66	13.5	2020	1.64	0.30	2.55	0.13	43.5	13.1	14	12.85	28.6





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**CERTIFICATE OF ANALYSIS WH12207086**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357232		2.67	14.00	0.11	1.1	0.074	2.84	16.0	8.0	0.60	541	1.03	1.90	6.8	2.4	530
M357233		2.85	15.30	0.11	1.1	0.077	2.96	21.6	29.2	0.95	2380	0.83	0.03	6.9	2.6	500
M357234		2.70	14.00	0.12	1.1	0.073	2.92	17.0	10.4	0.65	593	0.85	1.52	6.8	2.4	510
M357235		2.55	13.85	0.11	1.2	0.065	2.57	17.2	9.2	0.56	573	1.08	1.87	7.4	2.4	550
M357236		2.50	15.45	0.12	1.5	0.072	2.42	21.2	11.2	0.68	467	1.21	2.26	8.2	2.5	560
M357237		2.52	14.80	0.11	1.4	0.074	2.43	21.7	10.8	0.68	467	1.35	2.29	7.9	2.5	560
M357238		2.60	15.90	0.13	1.6	0.072	2.63	22.7	11.4	0.81	492	1.36	2.41	8.7	2.8	580
M357239		2.55	14.05	0.10	1.4	0.078	2.38	21.8	9.0	0.77	474	1.19	2.54	7.4	2.4	550
M357240		2.52	15.65	0.11	1.8	0.048	2.89	23.5	10.4	0.72	476	1.22	2.14	8.2	2.6	570
M357241		2.63	15.05	0.12	1.3	0.070	2.61	24.2	8.6	0.75	452	0.88	2.52	7.6	2.6	540
M357242		2.60	14.85	0.12	1.3	0.075	2.57	22.7	8.6	0.74	449	0.99	2.49	7.5	2.5	540
M357243		2.58	15.25	0.10	1.2	0.082	2.90	19.2	10.6	0.69	1600	1.15	1.69	7.5	2.5	530
M357244		2.73	14.45	0.11	1.2	0.074	2.46	19.0	8.6	0.74	1420	0.69	1.98	7.0	2.4	520
M357245		2.56	14.85	0.13	1.4	0.066	2.56	26.8	8.7	0.73	516	1.19	2.61	7.4	2.4	520
M357246		2.80	13.85	0.10	1.4	0.055	2.58	23.4	10.9	0.80	455	49.4	2.73	7.0	2.3	550
M357247		2.63	15.00	0.10	1.3	0.052	2.73	25.2	9.9	0.78	490	1.53	2.48	7.4	2.4	540
M357248		4.91	14.15	0.11	1.3	0.858	2.80	21.7	24.6	0.66	1880	11.75	0.25	7.1	15.0	470
M357249		2.64	14.85	0.12	1.4	0.044	2.59	24.4	8.5	0.77	480	1.15	2.53	7.4	2.4	540
M357250		2.65	13.75	0.11	1.4	0.048	2.36	18.4	8.6	0.65	1020	1.07	1.93	6.5	2.4	500
M357251		2.18	12.35	0.08	1.2	0.043	1.53	23.1	7.9	0.57	434	0.55	2.73	6.0	2.1	460
M357252		2.54	15.10	0.21	1.4	0.045	2.64	25.6	11.0	0.66	869	1.12	1.63	7.5	2.8	500
M357253		2.80	15.70	0.24	1.2	0.064	2.54	19.1	10.4	0.78	803	0.53	1.87	7.9	2.7	580
M357254		0.47	0.33	0.15	<0.1	0.006	0.02	0.6	1.1	12.25	216	0.14	0.01	0.2	0.9	170
M357255		2.89	15.95	0.17	1.2	0.053	2.46	18.2	11.2	0.90	967	0.65	2.05	7.7	2.4	630
M357256		2.90	17.15	0.21	1.3	0.049	2.59	21.6	14.6	0.85	529	0.62	2.54	8.4	3.4	630
M357257		2.93	16.70	0.25	1.4	0.050	2.11	25.2	12.3	0.87	543	0.79	3.10	8.2	2.9	640
M357258		2.76	17.25	0.27	1.6	0.052	2.48	27.2	12.1	0.84	540	0.93	2.71	8.7	3.0	600
M357259		5.19	15.95	0.20	1.4	0.955	2.93	21.4	27.2	0.70	2070	13.25	0.27	8.2	16.7	520
M357260		2.75	17.70	0.26	1.6	0.046	2.57	24.6	11.4	0.85	619	0.94	2.62	8.8	2.9	640
M357261		2.55	16.45	0.25	1.5	0.018	1.85	25.8	8.0	0.74	332	0.52	2.99	7.1	2.9	610
M357262		2.51	14.15	0.24	1.2	0.027	2.09	21.5	13.9	0.64	1220	0.60	1.77	5.7	2.2	490
M357263		2.52	15.45	0.26	1.4	0.017	1.96	25.0	9.9	0.73	465	0.50	2.68	6.9	2.6	600
M357264		2.28	15.10	0.23	1.3	0.024	2.48	19.6	18.5	0.92	1440	0.43	0.70	6.6	2.5	580
M357265		0.47	0.40	0.22	<0.1	<0.005	0.03	0.5	1.1	12.55	212	0.08	0.01	0.3	1.4	190
M357266		2.37	15.60	0.21	1.2	0.027	1.76	18.7	19.5	0.99	681	0.34	2.04	6.5	2.2	560
M357267		2.87	17.05	0.23	1.3	0.042	2.70	21.4	14.5	0.69	543	1.29	2.20	8.6	2.9	620



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Project: Klaza-124

**CERTIFICATE OF ANALYSIS WH12207086**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357232		9.1	113.0	0.003	0.10	3.64	9.0	<1	1.8	187.0	0.60	<0.05	10.5	0.220	1.71	3.5
M357233		39.1	149.5	0.002	0.78	11.25	9.4	1	2.2	92.3	0.57	<0.05	11.6	0.222	2.78	5.2
M357234		9.9	118.5	0.004	0.14	3.99	9.3	1	2.1	222	0.57	<0.05	10.4	0.219	1.64	3.3
M357235		11.7	101.5	<0.002	0.15	3.43	9.2	1	1.8	199.0	0.62	<0.05	10.5	0.236	1.56	5.9
M357236		11.3	106.0	0.002	0.13	3.37	10.3	1	2.0	212	0.73	<0.05	12.6	0.241	1.32	4.5
M357237		9.5	101.0	0.003	0.12	3.17	9.6	1	1.8	212	0.73	<0.05	11.6	0.238	1.22	3.9
M357238		10.2	104.5	0.002	0.14	3.41	10.9	1	2.0	227	0.72	<0.05	13.4	0.258	1.22	4.3
M357239		11.1	90.9	0.002	0.14	3.43	9.3	1	1.8	233	0.66	<0.05	12.5	0.233	1.23	3.8
M357240		20.8	108.5	0.002	0.08	3.51	10.3	<1	2.0	309	0.73	<0.05	14.5	0.243	1.32	3.7
M357241		17.8	98.0	<0.002	0.07	3.48	9.9	1	2.0	287	0.63	<0.05	12.7	0.233	1.16	3.5
M357242		18.3	100.5	0.003	0.07	3.63	9.8	1	1.9	274	0.63	<0.05	12.8	0.229	1.12	3.7
M357243		23.6	116.5	0.003	0.11	4.82	9.8	1	2.2	207	0.58	<0.05	11.4	0.226	1.63	3.9
M357244		23.0	93.3	0.003	0.26	3.92	9.5	1	2.0	197.5	0.57	<0.05	11.2	0.229	1.59	3.9
M357245		12.5	99.2	0.003	0.10	3.22	9.0	1	1.9	279	0.64	<0.05	14.8	0.222	1.10	4.6
M357246		16.1	91.7	0.005	0.07	2.66	9.5	1	2.0	371	0.60	<0.05	13.4	0.239	0.95	3.5
M357247		17.1	99.8	<0.002	0.08	2.75	10.1	1	2.1	392	0.59	<0.05	14.0	0.238	0.99	4.0
M357248		1280	152.5	0.002	2.89	31.5	8.4	1	5.6	143.0	0.56	0.32	11.4	0.202	2.35	4.8
M357249		21.0	104.0	0.002	0.09	3.55	10.3	1	1.9	347	0.62	<0.05	13.8	0.233	1.09	4.1
M357250		40.8	94.8	0.002	0.50	4.57	8.8	<1	1.6	203	0.55	0.06	11.4	0.205	1.45	3.8
M357251		11.2	69.4	0.004	0.19	2.71	8.1	1	1.4	243	0.53	0.05	13.0	0.177	0.89	3.7
M357252		22.4	110.0	<0.002	0.32	5.52	9.0	1	1.5	253	0.72	<0.05	14.0	0.208	1.45	5.3
M357253		18.7	96.8	<0.002	0.61	7.39	10.3	<1	2.0	252	0.61	<0.05	9.9	0.239	1.78	4.1
M357254		1.4	1.2	<0.002	<0.01	0.08	0.2	<1	<0.2	50.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357255		15.6	96.2	<0.002	0.27	6.17	10.7	<1	1.8	287	0.60	<0.05	10.4	0.244	1.57	3.5
M357256		20.6	93.5	<0.002	0.08	4.26	11.9	1	2.2	399	0.64	<0.05	11.8	0.262	1.11	3.5
M357257		26.2	84.8	<0.002	0.06	3.24	11.8	1	1.9	338	0.63	<0.05	13.1	0.255	0.90	3.9
M357258		18.2	99.7	<0.002	0.06	3.32	11.5	1	2.0	422	0.70	<0.05	15.0	0.252	1.06	4.8
M357259		1425	161.0	0.002	3.17	34.3	9.7	1	6.0	160.0	0.65	0.31	11.6	0.211	2.60	5.4
M357260		21.0	110.5	<0.002	0.09	3.32	12.1	1	2.2	326	0.72	<0.05	13.7	0.259	1.27	3.9
M357261		7.2	107.0	<0.002	0.08	1.96	11.4	1	2.0	165.5	0.61	<0.05	14.1	0.213	1.18	5.4
M357262		10.8	135.5	<0.002	1.23	6.19	9.1	<1	1.6	7720	0.52	0.05	12.0	0.175	1.65	3.8
M357263		10.1	115.0	<0.002	0.50	2.99	10.6	<1	1.5	7340	0.60	<0.05	13.5	0.204	1.45	3.8
M357264		45.4	142.0	<0.002	0.79	5.86	10.5	1	1.7	794	0.55	<0.05	10.7	0.210	2.26	5.1
M357265		1.2	1.6	<0.002	<0.01	0.06	0.2	<1	<0.2	53.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357266		10.2	82.1	<0.002	0.27	5.01	10.1	<1	1.8	271	0.50	<0.05	9.8	0.209	1.59	3.1
M357267		18.1	106.0	<0.002	0.15	3.51	11.1	1	2.0	382	0.68	<0.05	12.0	0.262	1.35	3.0



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 Account: ROCKHA

Project: Klaza-124

**CERTIFICATE OF ANALYSIS WH12207086**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357232		63	1.7	11.1	44	26.7	<1
M357233		63	4.0	13.8	73	28.9	1
M357234		62	2.0	11.8	45	26.7	<1
M357235		63	2.0	12.0	41	28.7	<1
M357236		65	2.5	14.3	41	33.3	<1
M357237		65	2.1	14.0	41	33.6	<1
M357238		70	2.3	15.7	42	39.0	<1
M357239		65	2.4	14.3	42	32.9	<1
M357240		66	1.7	16.2	43	44.7	<1
M357241		67	1.6	15.3	44	30.1	<1
M357242		65	1.6	14.8	43	30.0	<1
M357243		62	1.8	13.1	61	30.4	<1
M357244		64	2.1	13.0	56	28.5	<1
M357245		60	2.2	15.2	41	32.6	<1
M357246		66	4.5	15.0	45	32.2	<1
M357247		64	1.6	16.0	46	33.4	<1
M357248		55	4.9	10.4	2880	37.4	9
M357249		63	1.5	15.3	51	36.7	<1
M357250		59	1.8	11.5	87	32.9	1
M357251		52	1.4	11.0	40	28.2	<1
M357252		61	1.4	16.2	48	35.4	4
M357253		68	2.0	14.2	52	32.2	<1
M357254		2	0.1	0.8	18	<0.5	<1
M357255		73	1.6	14.9	54	32.3	<1
M357256		75	1.2	17.8	56	33.0	<1
M357257		77	1.4	18.0	61	35.6	<1
M357258		72	1.4	18.5	56	42.0	<1
M357259		63	5.1	12.4	3190	41.2	9
M357260		76	1.6	18.2	57	43.4	<1
M357261		73	1.4	15.0	37	40.1	<1
M357262		60	1.4	11.3	39	34.3	<1
M357263		67	1.2	13.5	48	38.0	<1
M357264		70	1.9	12.0	52	35.6	<1
M357265		2	0.1	0.8	13	<0.5	<1
M357266		67	1.5	13.8	65	30.6	<1
M357267		74	1.5	15.9	51	35.2	<1



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**CERTIFICATE OF ANALYSIS WH12207086**

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



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**CERTIFICATE WH12207188**

Project: Klaza - 93

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176023\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12207188**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
N813776		0.18	6.90	7.4	2170	1.65	0.57	2.65	0.08	45.5	6.9	11	6.47	66.0	2.91	16.45
N813777		0.33	6.59	23.4	1820	1.58	0.48	3.17	0.17	42.3	7.9	9	7.91	128.0	2.99	16.75
N813778		0.50	6.83	13.9	2100	1.64	0.43	2.55	0.18	41.5	6.9	9	7.98	184.0	2.85	17.30
N813779		0.38	6.93	10.6	2140	1.59	0.47	2.38	0.92	43.1	8.4	8	7.44	83.4	3.06	17.65
N813780		0.86	7.10	52.4	1420	1.37	2.15	1.94	2.26	43.9	5.7	8	12.10	114.0	3.65	18.10
N813781		0.90	7.04	56.3	1380	1.39	2.47	1.84	2.28	46.7	5.1	8	12.80	113.5	3.55	17.70
N813782		0.37	6.65	21.0	2330	1.39	1.11	2.06	0.76	44.4	7.0	8	9.17	85.4	3.08	16.50
N813783		0.35	6.70	21.2	2450	1.79	1.91	2.58	0.59	42.3	7.6	8	8.96	111.0	2.94	14.95
N813784		0.29	6.82	19.3	2210	1.53	0.49	2.65	0.56	41.2	6.4	10	9.39	46.6	3.25	17.15
N813785		0.29	6.84	25.3	2010	1.53	0.63	2.60	0.51	41.2	8.7	10	9.45	42.1	3.14	17.00
N813786		0.27	7.09	17.4	2000	1.67	0.36	2.58	0.29	46.9	6.8	9	11.00	62.0	3.24	17.55
N813787		1.42	7.15	118.5	750	1.89	1.80	2.11	1.25	53.1	7.0	5	26.8	90.3	4.58	16.40
N813788		0.58	7.14	60.6	1770	1.51	0.50	1.53	0.75	45.2	6.0	8	16.60	165.5	2.75	18.30
N813789		4.44	6.66	196.0	580	1.68	3.13	2.09	1.95	46.0	7.0	8	12.45	76.0	3.66	16.55
N813790		0.03	0.06	<5	30	<0.05	0.02	19.55	0.06	1.13	1.2	<1	0.16	2.6	0.44	0.41
N813791		0.48	7.09	17.6	2080	1.53	1.04	2.09	0.20	43.2	5.7	8	11.85	79.0	2.83	18.10
N813792		1.12	6.81	56.1	1560	1.42	1.79	2.37	0.85	37.0	9.1	8	12.35	232	3.55	18.00
N813793		21.2	6.57	344	730	1.30	15.60	1.13	1.74	41.0	8.9	7	13.05	1485	7.87	16.90
N813794		1.46	7.07	57.9	1040	1.68	1.52	2.25	0.32	45.2	9.3	8	23.0	191.5	3.89	18.90
N813795		49.4	6.23	284	340	1.28	107.5	2.45	3.20	61.7	15.5	6	15.50	259	6.96	16.25
N813796		0.50	7.03	19.1	2050	1.53	0.95	2.29	0.35	49.3	6.2	8	11.15	118.5	3.22	17.85
N813797		0.59	6.84	26.4	2360	1.61	1.36	2.31	0.57	50.5	8.0	17	12.25	93.8	3.29	18.55
N813798		0.52	7.18	19.7	1810	1.50	0.72	2.49	0.38	51.8	7.1	9	15.05	73.7	3.26	17.85
N813799		0.64	7.12	28.7	2010	1.27	1.34	2.62	0.30	79.6	6.3	7	12.65	62.8	4.11	18.80
N813800		0.62	7.25	27.2	2610	1.37	1.92	1.89	0.58	65.5	6.3	7	14.00	94.4	3.58	18.25
N813801		1.21	7.27	63.2	710	1.53	2.15	1.79	0.30	57.1	10.9	9	8.66	190.0	4.47	19.35
N813802		1.83	7.32	53.8	950	1.42	2.82	1.67	0.48	66.2	12.4	9	9.69	126.0	4.80	18.70
N813803		>100	5.44	7760	1030	1.17	50.3	1.89	214	33.3	9.6	18	11.00	1210	8.12	13.85
N813804		0.90	6.94	33.0	2030	1.36	1.51	1.54	0.30	68.7	15.0	7	12.10	134.5	4.18	17.70
N813805		1.71	7.07	58.6	1360	1.66	2.90	1.90	0.90	52.0	8.2	7	16.40	33.3	4.12	17.40
N813806		61.9	3.67	757	200	0.65	80.0	0.92	12.45	43.2	33.9	6	5.22	2420	15.75	11.55
N813807		0.14	0.06	<5	20	0.06	0.11	19.55	0.07	1.08	1.1	<1	0.14	4.9	0.46	0.30
N813808		0.55	6.97	41.8	2130	1.40	1.15	2.06	1.09	62.6	9.1	7	12.05	54.6	3.28	18.00
N813809		9.68	6.16	1620	320	1.44	4.99	1.79	38.5	39.1	17.5	19	15.00	104.0	5.02	15.85
N813810		1.17	7.05	49.1	1300	1.32	1.55	2.19	0.38	50.1	57.7	8	14.10	191.5	3.87	17.35
N813811		0.61	6.63	27.4	2690	1.15	1.02	1.76	1.00	43.2	7.2	8	12.40	99.1	3.35	16.85

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176023\*\*

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



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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
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Finalized Date: 11-SEP-2012  
Account: ROCKHA

Project: Klaza - 93

**CERTIFICATE OF ANALYSIS WH12207188**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
N813776		0.10	1.2	0.097	2.67	23.8	10.2	0.79	517	7.93	2.32	8.4	4.8	590	20.5	96.5
N813777		0.10	1.3	0.086	2.70	22.3	11.1	0.75	580	6.24	1.95	8.2	3.1	580	20.0	101.5
N813778		0.09	1.3	0.098	2.72	21.5	10.6	0.77	464	6.22	2.16	8.6	3.5	600	21.9	110.0
N813779		0.10	1.3	0.101	2.77	22.6	9.9	0.76	470	5.86	2.13	8.9	3.1	600	63.9	116.0
N813780		0.13	1.2	0.467	3.15	22.9	11.5	0.56	637	3.84	0.70	8.5	2.7	600	89.3	147.5
N813781		0.12	1.2	0.495	3.09	24.9	11.6	0.55	600	4.36	0.71	8.2	2.5	600	91.9	154.5
N813782		0.12	1.2	0.285	2.94	23.5	9.4	0.80	533	2.89	1.88	8.0	2.6	560	37.6	127.5
N813783		0.09	1.1	0.883	2.56	22.0	8.0	0.88	566	4.47	2.18	7.6	3.3	580	33.5	97.6
N813784		0.11	1.1	0.098	2.77	21.3	14.2	0.87	524	1.89	1.69	8.9	2.5	620	38.3	113.5
N813785		0.13	1.1	0.145	2.70	21.3	13.7	0.86	516	1.67	1.87	8.9	3.2	600	38.3	104.0
N813786		0.12	1.1	0.087	2.85	24.6	15.3	0.75	620	1.29	1.88	8.5	2.4	620	24.1	110.0
N813787		0.16	0.9	0.141	2.90	29.5	23.5	1.04	1420	1.99	0.04	8.0	3.4	570	85.1	159.0
N813788		0.15	1.1	0.108	2.83	22.4	26.7	0.54	663	2.27	0.11	7.8	2.7	580	57.8	111.5
N813789		0.20	1.1	0.210	2.86	24.4	7.9	0.62	648	3.13	1.04	6.8	2.6	490	1110	150.0
N813790		0.34	<0.1	<0.005	0.02	0.5	0.7	12.00	183	0.14	<0.01	0.3	1.6	150	2.2	1.2
N813791		0.23	1.2	0.156	2.84	21.8	11.8	0.85	485	2.83	1.40	8.3	2.7	560	22.3	118.0
N813792		0.22	0.8	0.348	2.83	18.3	8.8	0.84	791	11.60	1.40	7.4	3.1	630	53.2	122.0
N813793		0.21	0.7	1.050	3.04	22.1	5.7	0.71	1700	4.11	0.04	5.9	2.9	560	336	223
N813794		0.20	0.9	0.181	3.22	23.0	11.0	0.90	1080	30.8	0.05	7.6	3.1	690	45.0	160.0
N813795		0.20	0.7	0.423	2.84	35.4	8.7	1.10	2630	29.0	0.03	5.8	4.0	560	647	198.0
N813796		0.20	0.8	0.156	2.76	25.9	12.4	0.78	459	13.90	1.52	7.4	2.8	640	30.2	119.5
N813797		0.19	0.8	0.138	2.53	27.0	10.6	0.72	483	9.58	1.48	7.4	3.0	610	59.7	111.0
N813798		0.21	0.8	0.108	2.49	27.2	13.6	0.68	516	29.5	1.55	7.4	2.8	630	27.1	109.5
N813799		0.24	0.9	0.191	2.90	48.1	19.3	0.91	521	23.5	1.36	7.6	3.2	570	30.7	136.5
N813800		0.20	0.9	0.341	3.00	36.8	12.7	0.88	486	2.38	1.86	7.4	2.7	590	32.4	135.0
N813801		0.22	0.7	0.455	2.82	32.6	8.8	0.85	633	1.75	1.26	7.1	3.6	580	26.2	162.5
N813802		0.21	0.8	0.344	2.95	37.6	12.0	0.90	893	0.68	1.15	7.1	3.2	590	42.3	139.5
N813803		0.17	1.1	4.56	2.20	17.1	27.0	0.61	3010	15.80	0.08	5.2	13.5	420	9460	121.0
N813804		0.17	0.7	0.242	2.20	40.8	21.7	0.87	530	0.64	0.47	6.7	3.6	550	29.5	103.5
N813805		0.17	0.8	0.386	2.86	29.2	10.7	0.89	1500	1.98	0.46	6.8	2.9	560	38.2	173.5
N813806		0.28	0.4	1.600	1.68	23.1	5.9	0.48	2580	4.76	0.03	3.2	3.2	260	1040	93.7
N813807		0.16	<0.1	0.005	0.02	0.5	0.8	11.95	187	0.15	<0.01	0.3	1.2	170	2.8	1.4
N813808		0.20	0.8	0.269	2.81	35.2	12.3	0.83	829	3.84	0.83	7.0	2.9	560	19.1	149.0
N813809		0.16	1.3	0.865	2.64	20.1	21.4	0.63	1860	12.45	0.24	7.0	15.5	460	1280	137.0
N813810		0.18	0.8	0.359	2.50	26.5	9.7	0.68	681	4.73	1.35	6.7	3.5	550	28.8	118.5
N813811		0.15	0.8	0.185	2.58	21.6	22.4	0.59	795	3.73	0.08	6.7	2.9	540	48.3	86.3

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176023\*\*

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



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To: ROCKHAVEN RESOURCES LTD.  
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Finalized Date: 11-SEP-2012  
Account: ROCKHA

Project: Klaza - 93

**CERTIFICATE OF ANALYSIS WH12207188**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
N813776		0.008	0.26	1.94	10.4	2	3.0	360	0.71	0.15	13.3	0.256	1.08	3.7	67	1.7
N813777		0.003	0.43	2.84	11.0	2	2.8	308	0.69	0.20	12.4	0.254	1.27	2.7	68	1.9
N813778		<0.002	0.22	3.02	11.3	2	2.6	341	0.71	0.10	12.6	0.262	1.39	3.0	69	2.1
N813779		0.002	0.29	2.58	11.1	2	2.7	329	0.73	0.05	12.2	0.261	1.45	3.8	68	2.3
N813780		0.002	1.70	10.95	11.3	2	5.0	108.0	0.69	0.19	12.1	0.256	2.29	5.9	69	3.3
N813781		<0.002	1.63	11.85	11.2	2	5.1	91.7	0.66	0.20	13.6	0.250	2.46	6.0	67	3.3
N813782		<0.002	0.52	4.26	10.3	1	3.3	226	0.70	0.13	12.0	0.247	1.81	3.4	65	2.1
N813783		0.002	0.83	2.48	9.8	2	3.0	211	0.64	0.26	11.1	0.252	1.61	4.2	65	1.8
N813784		<0.002	0.27	4.13	11.3	2	2.8	253	0.67	0.09	10.5	0.276	1.45	2.8	72	2.4
N813785		0.003	0.29	3.76	11.0	1	2.9	267	0.70	0.13	10.2	0.273	1.59	3.3	72	2.1
N813786		<0.002	0.10	5.01	11.0	1	2.7	329	0.71	0.05	12.9	0.267	1.47	3.5	69	2.2
N813787		<0.002	0.91	32.4	11.5	1	5.6	69.6	0.62	0.07	15.1	0.246	2.43	4.6	68	4.7
N813788		<0.002	0.38	52.2	11.3	1	2.6	88.5	0.67	0.14	12.9	0.253	1.75	4.8	67	3.9
N813789		<0.002	2.06	19.45	10.0	1	3.9	193.0	0.61	0.26	13.2	0.211	1.92	4.6	57	2.8
N813790		<0.002	<0.01	0.14	0.2	1	<0.2	40.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
N813791		<0.002	0.27	5.65	10.9	1	2.6	212	0.73	0.16	13.5	0.244	1.68	3.8	64	2.3
N813792		0.003	1.53	6.87	11.0	2	4.3	171.0	0.54	0.57	8.6	0.267	2.19	3.2	68	3.0
N813793		<0.002	6.34	21.1	10.7	2	8.8	29.0	0.40	0.81	7.5	0.222	3.10	2.1	67	11.4
N813794		0.002	1.40	11.35	13.1	2	4.0	74.2	0.53	0.44	8.4	0.276	2.82	4.1	79	3.6
N813795		0.020	4.67	26.2	10.4	2	6.9	46.9	0.37	0.78	7.5	0.214	2.87	3.9	66	7.3
N813796		0.004	0.61	5.78	12.3	1	3.2	273	0.54	0.19	9.7	0.271	1.80	3.5	73	2.1
N813797		0.007	1.08	3.64	11.5	2	5.5	252	0.54	0.32	9.0	0.255	1.74	3.8	71	2.8
N813798		0.010	0.55	3.32	12.3	1	2.9	261	0.55	0.18	10.2	0.263	1.54	3.4	71	2.4
N813799		0.008	1.40	3.19	11.6	2	5.3	168.0	0.57	0.36	10.8	0.251	2.11	6.4	73	2.1
N813800		0.002	0.79	3.59	11.2	1	4.5	213	0.59	0.34	11.4	0.256	2.14	4.1	78	1.5
N813801		<0.002	1.89	2.94	11.6	2	6.8	176.0	0.51	0.44	10.8	0.249	2.02	4.1	79	2.4
N813802		<0.002	1.61	5.00	11.9	1	5.3	176.0	0.53	0.54	13.1	0.248	2.10	3.6	69	3.2
N813803		<0.002	6.72	213	7.2	2	7.7	115.5	0.43	0.51	9.2	0.178	2.12	5.2	51	4.5
N813804		<0.002	1.06	10.10	10.6	2	4.3	109.5	0.46	0.23	10.6	0.240	1.59	3.2	67	3.3
N813805		<0.002	1.66	8.46	10.7	1	5.2	103.5	0.51	1.08	10.5	0.240	2.64	6.7	62	3.5
N813806		0.004	>10.0	56.4	5.4	4	7.3	30.8	0.22	3.95	5.2	0.106	2.09	2.4	38	4.8
N813807		<0.002	0.03	0.14	0.2	1	<0.2	43.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	2	0.1
N813808		0.003	1.10	5.49	10.7	1	4.7	169.0	0.53	0.29	11.7	0.237	2.30	6.7	69	2.2
N813809		<0.002	2.81	31.5	8.6	1	5.2	136.0	0.57	0.27	11.1	0.195	2.31	4.8	53	5.1
N813810		0.003	1.60	9.14	10.9	2	3.3	164.5	0.49	0.44	10.9	0.226	1.89	6.2	66	1.4
N813811		0.002	0.66	25.8	9.9	1	4.0	100.0	0.47	0.20	9.1	0.240	1.59	4.5	68	2.4

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176023\*\*

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 Total # Pages: 2 (A - D)  
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 Finalized Date: 11-SEP-2012  
 Account: ROCKHA

Project: Klaza - 93

**CERTIFICATE OF ANALYSIS WH12207188**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N813776		14.8	32	29.9		
N813777		16.0	36	33.4		
N813778		14.8	35	34.4		
N813779		14.9	98	34.3		
N813780		14.9	212	32.8		
N813781		15.3	204	33.1		
N813782		13.8	77	30.6		
N813783		13.7	79	27.4		
N813784		16.0	71	28.8		
N813785		15.6	65	29.0		
N813786		15.5	54	27.4		
N813787		14.9	157	26.0		
N813788		14.5	86	27.8		
N813789		13.2	159	26.9		
N813790		0.7	12	<0.5		
N813791		13.5	53	29.8		
N813792		12.6	102	18.9		
N813793		9.2	175	16.7		
N813794		13.0	77	22.5		
N813795		10.6	378	16.9		
N813796		14.3	69	20.7		
N813797		13.9	63	20.8		
N813798		16.0	60	19.1		
N813799		16.4	64	19.8		
N813800		14.5	77	21.1		
N813801		12.0	65	17.6		
N813802		11.8	101	18.1		
N813803		8.4	>10000	31.7	121	1.665
N813804		13.1	79	17.9		
N813805		11.1	143	18.9		
N813806		13.3	1080	9.4		
N813807		0.7	15	<0.5		
N813808		13.5	265	19.7		
N813809		10.1	2770	38.4		
N813810		14.1	86	20.6		
N813811		12.7	170	20.8		

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176023\*\*

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Project: Klaza - 93

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**CERTIFICATE OF ANALYSIS WH12207188**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL) REE's may not be totally soluble in this method.



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To: **ROCKHAVEN RESOURCES LTD.**  
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**CERTIFICATE WH12207426**

Project: Klaza-81

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12159384\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 Account: ROCKHA

Project: Klaza-81

**CERTIFICATE OF ANALYSIS WH12207426**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M899447		3.63
M899448		<0.005
M899449		0.097
M899450		0.040
M899451		0.087
M899452		0.041
M899453		0.094
M899454		0.048
M899455		2.37
M899456		0.016
M899457		<0.005
M899458		0.013
M899459		0.016
M899460		0.082
M899461		0.010
M899462		0.033
M899463		0.106
M899464		0.658
M899465		0.074
M899466		0.085
M899467		0.271
M899468		0.137
M899469		0.126
M899470		0.076
M899471		<0.005
M899472		0.184
M899473		0.180
M899474		0.087
M899475		0.054
M899476		0.132
M899477		0.188
M899478		0.775
M899479		0.045
M899480		0.033
M899481		0.115
M899482		0.101

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12159384\*\*



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Account: ROCKHA

**CERTIFICATE WH12207427**

Project: Klaza - 85

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12164248\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 85

**CERTIFICATE OF ANALYSIS WH12207427**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M899617		<0.005
M899618		0.405
M899619		<0.005
M899620		<0.005
M899621		0.006
M899622		<0.005
M899623		0.046
M899624		0.083
M899625		0.793
M899626		<0.005
M899627		0.107
M899628		<0.005
M899629		<0.005
M899630		<0.005
M899631		<0.005
M899632		0.005
M899633		0.228
M899634		0.011
M899635		<0.005
M899636		0.065
M899637		<0.005
M899638		0.756
M899639		<0.005
M899640		<0.005
M899641		0.006
M899642		0.072
M899643		<0.005
M899644		0.064
M899645		0.056
M899646		0.048
M899647		<0.005
M899648		0.125
M899649		0.013
M899650		0.014
N810001		0.014
N810002		0.114

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12164248\*\*



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**CERTIFICATE WH12207429**

Project: Klaza-89

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176322\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-89

**CERTIFICATE OF ANALYSIS WH12207429**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N810362		0.797
N810363		<0.005
N810364		<0.005
N810365		<0.005
N810366		<0.005
N810367		<0.005
N810368		0.011
N810369		0.005
N810370		0.036
N810371		<0.005
N810372		0.005
N810373		<0.005
N810374		0.005
N810375		0.010
N810376		0.007
N810377		0.090
N810378		0.007
N810379		<0.005
N810380		<0.005
N810381		<0.005
N810382		0.800
N810383		<0.005
N810384		<0.005
N810385		<0.005
N810386		<0.005
N810387		<0.005
N810388		0.007
N810389		<0.005
N810390		<0.005
N810391		0.007
N810392		<0.005
N810393		0.008
N810394		0.009
N810395		0.010
N810396		<0.005
N810397		<0.005

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176322\*\*





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**CERTIFICATE WH12209427**

Project: Klaza-120

P.O. No.: Batch 3

This report is for 10 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-120

**CERTIFICATE OF ANALYSIS WH12209427**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357073		5.53	0.006	0.05	6.53	12.4	1220	1.26	0.16	2.53	0.10	39.7	6.6	13	7.08	7.4
M357074		2.47	0.013	0.56	6.34	32.3	1030	1.17	1.03	3.13	0.24	38.4	5.5	8	18.55	11.7
M357075		6.23	<0.005	0.04	6.75	4.8	1230	1.16	0.24	2.59	0.08	43.7	6.2	13	9.63	6.1
M357076		5.95	<0.005	0.07	6.61	4.8	1140	1.24	0.64	2.51	0.08	40.0	6.3	11	9.76	10.3
M357077		0.26	0.761	9.35	6.28	1725	1490	1.37	6.29	1.85	39.5	40.3	16.0	20	14.85	109.5
M357078		2.71	<0.005	0.10	6.58	4.5	1220	1.21	0.50	2.54	0.28	41.5	6.8	10	8.71	55.7
M357079		3.55	<0.005	0.12	6.49	4.7	1160	1.23	0.41	2.59	0.12	41.5	6.4	10	10.40	21.4
M357080		2.15	0.048	1.42	6.31	564	930	1.22	1.59	2.70	0.47	39.5	5.9	8	16.50	10.3
M357081		6.05	<0.005	0.28	6.81	8.3	1170	1.23	2.68	2.53	0.14	40.3	6.5	10	12.65	22.6
M357082		2.81	<0.005	0.06	6.54	4.2	1200	1.13	0.30	2.68	0.07	39.1	6.6	10	10.05	18.8



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 Account: ROCKHA

Project: Klaza-120

**CERTIFICATE OF ANALYSIS WH12209427**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357073		2.38	15.30	0.13	0.8	0.027	2.38	21.7	16.3	0.72	602	0.95	2.14	9.3	3.8	390
M357074		2.10	13.85	0.13	0.8	0.026	2.71	22.1	55.5	0.98	1190	2.02	0.08	7.6	3.2	340
M357075		2.37	14.45	0.14	0.9	0.025	2.37	24.2	14.1	0.75	623	0.78	2.11	9.0	3.5	390
M357076		2.27	14.45	0.14	0.8	0.023	2.34	21.3	15.2	0.74	607	0.85	1.95	8.8	3.3	390
M357077		5.00	15.25	0.19	1.2	0.896	2.83	21.7	24.9	0.67	1940	12.55	0.25	7.9	15.6	480
M357078		2.32	14.55	0.13	0.8	0.027	2.33	22.8	14.9	0.72	562	0.76	2.06	9.0	3.5	400
M357079		2.22	14.10	0.13	0.8	0.026	2.38	22.4	12.8	0.67	547	0.81	1.97	9.0	3.1	390
M357080		2.28	13.95	0.13	0.9	0.044	2.88	21.2	19.8	0.68	1660	0.87	0.97	8.8	3.3	360
M357081		2.30	14.60	0.13	0.9	0.028	2.55	21.6	14.3	0.66	591	0.89	1.82	8.5	3.2	390
M357082		2.28	15.00	0.14	0.9	0.023	2.43	20.5	10.2	0.68	596	0.71	2.01	8.7	3.6	400



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Project: Klaza-120

**CERTIFICATE OF ANALYSIS WH12209427**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357073		15.1	83.8	<0.002	0.02	1.16	9.2	1	1.1	320	0.79	<0.05	13.3	0.230	0.70	3.5
M357074		23.7	134.5	<0.002	0.16	37.3	8.1	1	1.2	119.0	0.69	<0.05	13.2	0.191	1.61	4.4
M357075		15.6	91.2	<0.002	0.02	1.03	9.1	1	1.3	323	0.83	<0.05	13.9	0.225	0.78	3.4
M357076		16.3	94.5	<0.002	0.02	4.34	8.9	1	1.4	300	0.79	<0.05	13.3	0.219	0.81	3.7
M357077		1320	163.5	<0.002	2.97	29.9	9.7	1	5.5	144.5	0.57	0.23	11.5	0.204	2.40	4.6
M357078		20.5	91.6	<0.002	0.07	0.97	9.1	1	1.6	322	0.81	<0.05	13.7	0.223	0.80	3.5
M357079		17.6	96.2	<0.002	0.03	2.97	8.6	1	1.5	309	0.81	<0.05	13.1	0.211	0.79	3.4
M357080		108.5	135.5	<0.002	0.28	19.05	8.2	1	1.6	199.0	0.78	0.38	14.5	0.207	1.60	4.7
M357081		30.3	104.5	<0.002	0.04	11.00	8.7	1	1.7	298	0.80	0.05	14.0	0.218	1.08	3.8
M357082		14.4	92.6	<0.002	0.05	2.20	8.6	1	1.4	318	0.75	<0.05	12.6	0.222	0.98	3.1



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Account: ROCKHA

**CERTIFICATE OF ANALYSIS    WH12209427**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
		V	W	Y	Zn	Zr	Ag
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 1
M357073		67	0.5	13.5	45	22.6	<1
M357074		58	1.9	10.9	61	21.7	<1
M357075		67	0.7	13.9	43	24.0	<1
M357076		65	1.0	13.1	42	24.1	<1
M357077		57	4.7	12.5	2960	39.8	9
M357078		67	0.9	13.7	41	23.2	<1
M357079		63	0.8	13.2	41	25.1	<1
M357080		61	1.5	12.2	75	25.2	1
M357081		66	1.3	11.5	46	23.0	<1
M357082		67	1.0	11.8	42	25.3	<1

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



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**CERTIFICATE OF ANALYSIS WH12209427**

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.



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**CERTIFICATE WH12209428**

Project: Klaza-122

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12209428**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359542		2.28	0.070	3.74	6.82	335	2160	1.36	0.52	1.73	5.02	42.6	5.2	7	17.65	15.1
M359543		2.88	0.696	40.1	4.87	3120	500	1.12	0.67	1.93	51.7	32.3	4.5	6	12.65	106.5
M359544		2.99	<0.005	0.08	0.06	7	30	0.05	0.03	20.8	0.13	1.12	1.2	<1	0.20	2.7
M359545		2.33	0.012	0.81	6.62	112.0	1140	1.36	0.70	2.31	0.26	40.6	6.9	6	21.8	7.7
M359546		2.73	<0.005	0.13	7.14	26.0	2030	1.49	0.45	1.75	0.12	43.4	5.7	8	21.2	5.4
M359547		2.40	0.033	1.81	6.78	119.5	1210	1.43	0.62	2.99	1.87	41.8	7.2	7	21.7	10.7
M359548		5.04	<0.005	0.30	6.91	27.8	2290	1.26	0.53	2.31	0.13	41.2	6.8	8	19.65	7.4
M359549		4.57	<0.005	0.30	6.56	31.4	2150	1.31	0.47	2.62	0.11	38.2	6.3	9	14.45	10.0
M359550		2.58	0.013	0.55	6.50	42.2	2060	1.29	0.69	2.52	0.10	35.0	5.9	8	14.65	9.1
M359551		5.80	<0.005	0.12	6.77	14.6	2080	1.40	0.51	2.76	0.10	41.1	6.8	10	13.20	11.7
M359552		2.67	<0.005	0.10	6.47	13.5	2200	1.40	0.63	3.47	0.11	41.0	6.4	9	12.15	13.6
M359553		3.94	<0.005	0.16	6.44	22.7	1760	1.38	0.44	3.01	0.10	37.8	7.6	8	15.75	22.9
M359554		2.90	0.024	1.21	6.50	65.1	890	1.37	0.56	2.84	0.28	43.8	6.6	7	20.9	39.1
M359555		4.40	0.032	0.60	6.92	61.5	1220	1.50	0.46	2.43	0.27	42.2	7.4	7	22.5	35.7
M359556		5.32	<0.005	0.09	6.94	16.4	400	1.74	0.19	3.53	0.17	46.0	6.8	8	26.4	7.2
M359557		3.13	<0.005	0.02	6.83	14.7	990	1.69	0.17	3.34	0.13	44.5	6.4	8	28.3	6.0
M359558		0.26	2.28	24.6	5.55	3180	1320	1.22	17.80	2.13	75.9	50.0	9.7	17	13.80	425
M359559		2.34	0.064	0.78	6.54	71.9	1740	1.47	0.32	2.74	0.30	44.5	6.8	6	23.6	9.3
M359560		3.98	<0.005	0.16	6.86	12.3	2240	1.57	0.29	2.58	0.10	46.9	3.7	9	10.50	6.8
M359561		2.54	0.541	3.53	5.43	753	1870	1.08	2.25	2.16	1.89	37.3	23.4	5	10.50	19.8
M359562		2.27	0.005	0.21	6.86	31.6	1800	1.53	0.28	2.05	0.10	41.2	4.0	8	14.50	15.8
M359563		2.04	<0.005	0.08	0.05	<5	20	0.07	0.04	20.1	0.05	1.06	0.5	<1	0.13	1.7
M359564		7.23	<0.005	0.19	6.85	12.5	2150	1.31	0.57	2.56	0.11	45.6	7.2	9	8.62	33.5
M359565		0.25	2.30	24.6	5.79	3350	1000	1.31	18.30	2.22	77.4	45.8	9.8	18	13.50	444
M359566		7.38	<0.005	0.25	7.38	12.8	2310	1.34	0.57	1.51	0.16	51.7	9.6	9	12.25	23.1
M359567		4.09	0.007	0.22	6.86	33.3	2070	1.42	0.26	2.06	0.15	41.7	7.3	9	15.75	11.3
M359568		2.79	0.405	11.90	6.82	1400	1690	1.66	1.23	2.06	2.55	51.9	22.6	8	21.9	71.1
M359569		3.08	0.190	2.00	6.32	436	1090	1.48	0.65	2.17	1.31	49.7	10.4	8	22.2	23.5
M359570		2.26	<0.005	0.15	6.88	15.0	1830	1.65	0.33	2.38	0.12	46.1	7.0	9	16.35	13.1
M359571		3.73	0.010	0.12	6.48	27.0	2040	1.46	0.28	2.80	0.25	41.1	6.0	9	14.70	8.5
M359572		<0.02	0.012	0.13	6.53	26.7	2040	1.43	0.29	2.76	0.23	39.1	5.8	8	14.60	7.7
M359573		2.33	0.051	0.77	6.64	163.5	1530	1.52	0.27	2.89	0.88	50.5	4.7	7	23.1	17.3
M359574		3.83	<0.005	0.16	7.13	20.3	2050	1.58	0.25	2.77	0.16	41.9	6.8	12	16.60	9.4
M359575		2.35	0.043	1.64	6.86	65.7	3040	1.62	0.50	2.47	2.26	50.6	14.6	12	19.80	29.8
M359576		4.49	<0.005	0.19	7.24	8.5	2150	1.59	0.56	2.68	0.12	47.9	8.1	10	14.05	17.5
M359577		2.33	<0.005	0.52	7.28	8.2	2090	1.58	0.84	2.47	0.12	45.3	8.2	9	13.80	11.9





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Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12209428**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359542		2.48	16.00	0.14	1.2	0.077	3.03	22.5	36.5	0.61	2030	6.72	0.03	8.0	2.8	510
M359543		3.23	11.70	0.13	0.8	0.184	2.24	16.7	37.4	0.63	2750	3.38	0.03	5.4	2.4	350
M359544		0.48	0.23	0.06	<0.1	<0.005	0.03	0.5	1.0	12.45	220	0.11	<0.01	0.3	2.4	170
M359545		2.12	15.65	0.14	1.2	0.034	2.93	20.6	24.1	0.70	2040	3.29	0.02	7.6	2.7	520
M359546		2.79	16.50	0.15	1.2	0.043	2.91	22.2	52.7	0.65	678	1.14	0.65	8.6	2.3	580
M359547		3.11	16.20	0.16	1.2	0.085	3.08	21.7	45.2	0.93	2200	1.57	0.40	8.3	2.9	540
M359548		2.81	16.20	0.15	1.1	0.052	2.78	20.7	37.8	0.66	653	2.42	1.18	8.7	2.6	590
M359549		2.72	15.45	0.16	1.0	0.038	2.74	19.3	15.3	0.66	578	1.47	1.89	8.3	2.5	530
M359550		2.76	15.65	0.15	1.0	0.055	2.85	17.8	31.9	0.69	663	1.53	1.52	7.9	2.6	550
M359551		2.69	15.90	0.16	1.1	0.044	2.68	21.9	16.3	0.66	550	1.59	1.69	8.3	2.8	540
M359552		2.69	15.50	0.16	1.1	0.044	2.64	21.2	15.4	0.63	579	1.78	1.80	8.4	2.8	520
M359553		2.68	15.70	0.15	1.0	0.051	3.06	19.7	26.3	0.64	688	1.88	1.10	8.1	2.9	550
M359554		2.76	16.00	0.16	1.1	0.064	2.78	23.0	38.0	0.82	1520	1.79	0.04	8.2	2.7	540
M359555		2.62	16.70	0.15	1.1	0.068	3.26	21.6	29.5	0.76	1150	1.51	0.04	8.3	2.8	570
M359556		2.50	19.20	0.16	3.0	0.029	2.64	23.5	96.3	1.02	617	0.78	0.05	10.2	4.6	730
M359557		2.44	18.25	0.16	3.2	0.030	2.85	23.0	66.6	0.91	647	0.66	0.06	10.2	4.2	730
M359558		6.30	13.50	0.12	0.9	1.545	2.56	23.5	23.2	0.87	1820	12.90	0.03	5.4	15.2	430
M359559		3.00	14.15	0.13	1.2	0.051	3.13	21.1	19.3	0.76	1860	0.82	0.05	6.4	2.6	510
M359560		2.87	15.25	0.14	1.2	0.048	2.92	21.0	16.0	0.68	742	1.10	1.61	6.8	2.4	560
M359561		8.99	14.55	0.11	0.9	0.121	2.64	18.3	9.7	0.94	4650	5.27	0.02	4.5	4.0	410
M359562		3.10	15.15	0.14	1.2	0.059	3.17	18.8	36.1	0.64	1040	1.64	0.28	6.7	2.1	530
M359563		0.44	0.18	0.12	<0.1	0.007	0.02	0.5	0.9	12.05	203	0.26	<0.01	0.1	2.1	170
M359564		2.80	15.25	0.18	1.1	0.052	2.77	20.6	9.7	0.72	561	2.18	2.06	7.0	2.4	550
M359565		6.50	13.75	0.16	0.9	1.570	2.69	22.4	21.7	0.91	1900	12.55	0.04	5.3	14.9	440
M359566		2.84	16.30	0.14	1.2	0.048	2.68	23.7	30.3	0.47	615	2.17	0.74	8.6	2.5	580
M359567		2.71	15.50	0.13	1.4	0.039	2.86	17.9	22.8	0.55	598	2.37	0.95	8.0	2.3	530
M359568		3.24	14.45	0.17	1.1	0.112	3.18	25.9	27.1	0.72	1770	2.49	0.04	7.1	2.7	500
M359569		2.85	14.25	0.16	1.0	0.111	2.64	24.8	63.4	0.72	1860	3.30	0.03	6.9	2.6	430
M359570		2.78	15.10	0.14	1.2	0.051	2.86	20.2	36.1	0.65	737	2.40	1.59	7.8	2.3	530
M359571		2.77	15.25	0.14	1.2	0.050	2.91	17.0	11.3	0.66	1670	1.60	1.68	7.6	2.3	510
M359572		2.75	14.80	0.15	1.2	0.052	2.85	16.9	10.7	0.66	1630	1.51	1.68	7.5	2.3	510
M359573		2.93	14.60	0.15	1.3	0.116	3.36	23.7	18.0	0.89	2270	2.17	0.06	7.3	2.2	490
M359574		2.85	15.55	0.14	1.3	0.043	3.03	18.0	33.8	0.66	876	1.63	1.47	8.0	2.2	580
M359575		3.09	15.10	0.15	1.2	0.162	2.76	23.0	80.8	0.85	1180	4.98	0.12	7.9	2.7	560
M359576		2.98	16.70	0.16	1.4	0.041	2.73	20.0	18.0	0.70	630	3.05	2.08	8.4	2.6	590
M359577		2.97	16.65	0.17	1.4	0.063	2.75	19.9	13.4	0.67	715	1.89	1.96	8.4	2.5	580



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**CERTIFICATE OF ANALYSIS WH12209428**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359542		216	165.0	<0.002	1.13	26.5	10.4	1	2.8	122.0	0.60	0.15	11.9	0.225	2.85	4.9
M359543		3400	161.5	<0.002	2.35	121.5	8.0	1	2.7	108.5	0.43	0.08	9.0	0.157	2.51	4.9
M359544		6.3	1.7	<0.002	0.01	0.23	0.3	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M359545		29.7	134.0	<0.002	0.34	12.70	10.0	1	2.2	145.0	0.64	<0.05	11.8	0.229	3.47	4.9
M359546		14.2	126.5	<0.002	0.11	8.88	12.0	1	2.3	222	0.64	<0.05	12.3	0.258	1.93	3.5
M359547		231	133.0	<0.002	0.47	14.55	11.6	1	2.2	174.5	0.64	<0.05	11.1	0.235	2.61	4.7
M359548		16.7	122.0	<0.002	0.10	7.34	11.2	1	2.3	268	0.64	<0.05	10.1	0.255	1.72	3.1
M359549		15.1	105.0	<0.002	0.05	3.91	9.4	1	2.0	350	0.64	<0.05	9.8	0.233	1.37	3.4
M359550		15.2	113.5	<0.002	0.11	4.07	10.0	1	1.9	303	0.57	0.17	10.1	0.239	1.68	3.1
M359551		15.2	113.0	<0.002	0.05	3.91	10.5	1	1.9	348	0.64	0.11	11.0	0.236	1.29	3.2
M359552		15.4	108.5	<0.002	0.06	4.10	9.5	1	2.0	370	0.63	0.06	10.4	0.232	1.25	3.0
M359553		14.4	119.0	<0.002	0.15	6.78	10.0	1	1.8	293	0.60	0.09	10.3	0.236	1.87	2.9
M359554		22.0	132.5	<0.002	0.96	18.20	10.9	1	2.2	203	0.61	0.06	11.6	0.230	2.83	4.4
M359555		17.8	151.5	<0.002	0.58	15.30	11.7	1	2.2	204	0.60	0.06	11.4	0.247	2.86	3.6
M359556		25.9	93.5	<0.002	0.02	7.61	8.4	1	1.3	578	0.73	<0.05	8.9	0.278	1.68	5.7
M359557		16.7	98.8	<0.002	0.02	7.07	8.1	1	1.3	503	0.74	<0.05	8.4	0.279	2.00	4.9
M359558		2730	175.0	<0.002	4.57	90.9	7.7	<1	7.6	90.8	0.45	0.36	11.4	0.173	2.23	5.1
M359559		25.0	160.0	<0.002	1.42	11.95	8.9	<1	2.0	190.0	0.56	<0.05	12.6	0.230	3.14	3.3
M359560		15.2	126.5	<0.002	0.12	3.50	9.1	<1	2.0	327	0.61	0.06	12.9	0.242	1.52	3.7
M359561		69.3	161.0	0.002	6.87	19.15	8.1	1	1.9	66.8	0.42	1.50	10.9	0.162	2.36	4.4
M359562		12.0	151.5	0.003	0.68	13.05	8.9	<1	1.8	160.0	0.64	0.06	12.2	0.233	2.43	4.6
M359563		2.8	1.2	<0.002	<0.01	0.09	0.1	<1	0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M359564		14.8	114.0	<0.002	0.22	2.06	9.0	<1	1.8	354	0.62	0.08	12.0	0.238	1.28	3.5
M359565		2870	173.0	0.002	4.76	94.4	7.8	<1	7.7	89.2	0.46	0.40	11.2	0.179	2.27	5.0
M359566		15.5	123.0	0.004	0.11	15.15	11.4	1	2.0	177.5	0.66	0.05	13.7	0.241	1.27	3.4
M359567		28.5	112.5	<0.002	0.05	10.55	10.0	1	1.8	207	0.70	<0.05	11.1	0.232	1.43	3.8
M359568		171.0	194.0	0.003	1.40	43.9	10.4	1	1.8	125.0	0.56	0.20	12.9	0.227	2.70	4.7
M359569		90.1	177.0	0.002	1.31	34.1	9.9	1	1.9	153.5	0.52	0.08	12.8	0.195	2.73	5.0
M359570		14.1	128.0	0.003	0.09	7.22	10.3	1	2.0	299	0.62	<0.05	10.9	0.230	1.45	3.4
M359571		17.2	114.0	0.004	0.08	3.48	9.6	1	1.9	315	0.61	<0.05	10.1	0.226	1.52	3.5
M359572		17.1	116.0	0.005	0.09	3.49	9.5	<1	1.9	314	0.59	<0.05	10.2	0.222	1.47	3.4
M359573		24.3	178.5	0.003	0.53	12.20	9.9	<1	2.1	143.5	0.60	<0.05	12.2	0.217	2.96	4.7
M359574		17.9	114.0	0.003	0.05	4.42	9.9	1	2.2	314	0.69	<0.05	10.9	0.249	1.73	3.7
M359575		291	131.5	0.003	0.47	17.25	12.4	<1	2.6	172.0	0.62	0.10	11.4	0.251	2.11	3.9
M359576		17.1	112.0	0.003	0.05	2.76	10.9	2	2.2	359	0.67	<0.05	11.2	0.251	1.29	3.8
M359577		16.4	123.0	0.005	0.06	2.97	11.2	<1	2.2	340	0.64	<0.05	11.2	0.250	1.32	3.8



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**CERTIFICATE OF ANALYSIS WH12209428**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359542		64	3.5	12.1	417	37.4	3
M359543		44	4.0	11.0	4410	24.1	42
M359544		3	0.1	0.9	22	<0.5	<1
M359545		65	12.2	13.9	46	33.7	<1
M359546		74	3.1	16.6	45	37.3	<1
M359547		69	4.5	16.8	190	35.4	1
M359548		72	4.6	16.2	47	31.3	<1
M359549		65	3.7	15.0	43	31.9	<1
M359550		66	3.8	13.7	44	31.4	<1
M359551		65	2.1	16.4	42	34.4	<1
M359552		64	1.8	16.6	42	33.5	<1
M359553		66	2.0	15.0	46	33.2	<1
M359554		65	4.4	15.2	64	32.6	<1
M359555		73	4.1	15.3	63	35.4	<1
M359556		68	1.6	14.5	73	117.5	<1
M359557		69	1.5	14.5	68	123.5	<1
M359558		56	4.9	10.0	5270	21.7	25
M359559		63	4.1	12.8	59	25.9	<1
M359560		67	1.6	14.5	50	27.3	<1
M359561		64	6.7	9.8	207	19.8	3
M359562		67	2.0	13.9	42	26.6	<1
M359563		2	0.1	0.7	15	<0.5	<1
M359564		66	1.5	14.6	46	24.3	<1
M359565		58	4.8	10.1	5510	20.8	25
M359566		65	2.8	15.6	49	29.1	<1
M359567		65	1.9	14.0	46	31.2	<1
M359568		63	2.8	12.2	262	27.7	12
M359569		54	3.5	14.0	126	24.1	1
M359570		64	1.6	13.5	46	27.3	<1
M359571		63	1.4	12.9	51	27.4	<1
M359572		61	1.4	13.1	50	28.7	<1
M359573		60	2.2	13.1	104	27.3	<1
M359574		70	1.8	13.7	53	28.9	<1
M359575		74	3.8	14.1	261	26.4	1
M359576		71	1.2	15.3	46	30.8	<1
M359577		69	1.3	15.2	50	31.9	<1



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**CERTIFICATE OF ANALYSIS WH12209428**

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



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**CERTIFICATE WH12209429**

Project: Klaza-123

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12209429**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358594		9.09	0.010	0.45	7.44	18.7	2150	1.96	0.72	2.59	1.41	35.2	4.9	19	9.29	22.6
M358595		11.07	0.012	0.49	7.03	26.5	1460	1.90	0.44	3.15	2.62	33.0	4.0	18	9.46	2.7
M358596		3.72	0.007	0.41	6.74	16.8	2040	1.87	0.81	3.28	0.70	31.5	5.2	20	9.92	1.6
M358597		5.03	0.007	0.23	7.08	12.4	1620	1.49	0.71	2.96	0.48	44.7	7.2	9	12.45	9.0
M358598		2.79	0.010	0.18	7.22	10.9	2700	1.23	0.34	3.12	0.14	39.4	9.4	10	11.50	10.5
M358599		3.42	0.011	0.20	6.73	21.9	1770	1.16	0.43	4.50	0.28	44.5	6.2	9	12.20	4.5
M358600		8.86	0.006	0.13	7.36	14.7	2160	1.39	0.18	2.51	0.14	40.4	6.6	11	8.74	10.4
M358601		9.22	0.009	0.18	7.48	9.1	2140	1.32	0.19	3.18	0.16	48.0	6.9	14	8.28	13.2
M358602		<0.02	0.008	0.14	7.28	8.4	2120	1.41	0.18	3.02	0.16	45.5	6.9	12	8.04	11.8
M358603		7.29	0.020	0.28	6.97	18.2	2110	1.30	0.46	2.77	0.35	44.6	13.8	13	11.20	6.0
M358604		5.61	0.006	0.16	7.49	7.0	2140	1.37	0.17	2.74	0.18	46.5	8.0	13	7.35	6.8
M358605		3.95	0.069	1.76	7.06	74.2	1560	1.38	0.84	3.00	23.2	45.7	12.1	10	16.35	8.9
M358606		6.13	0.006	0.12	7.28	5.3	2280	1.37	0.17	2.78	0.32	45.8	7.3	12	7.17	6.5
M358607		1.75	0.006	0.12	7.34	5.7	2250	1.36	0.17	2.72	0.20	47.8	7.1	12	6.95	5.6
M358608		9.54	0.005	0.11	7.58	6.1	2270	1.35	0.27	2.58	0.19	46.3	6.1	12	7.68	4.5
M358609		2.83	0.056	0.21	6.74	34.2	2070	1.28	0.77	2.62	0.11	47.2	12.3	11	9.63	14.0
M358610		3.89	0.012	0.37	7.16	25.5	2030	1.40	1.66	2.15	0.10	49.2	15.5	10	9.83	27.1
M358611		6.81	0.011	0.23	7.53	12.1	2280	1.31	0.39	2.50	0.24	49.0	6.7	12	8.03	34.2
M358612		0.26	2.25	22.8	5.64	3330	500	1.16	18.15	2.16	73.7	41.4	10.3	18	14.25	425
M358613		5.38	0.005	0.20	6.90	11.7	1760	1.39	0.25	2.86	0.18	47.8	5.9	12	8.38	19.5
M358614		4.36	0.005	0.14	7.07	5.6	2060	1.32	0.27	2.55	0.19	43.3	6.8	12	5.77	9.7
M358615		4.06	0.101	1.06	6.60	44.8	1180	1.34	2.34	2.24	2.61	41.5	11.2	11	14.95	89.0
M358616		2.20	<0.005	0.01	0.06	<5	20	<0.05	0.02	21.1	0.06	1.09	1.1	<1	0.19	2.2
M358617		9.22	0.010	0.17	7.55	6.2	2210	1.48	0.49	2.78	0.17	53.0	6.8	14	7.99	14.2
M358618		2.71	0.042	0.57	7.10	14.8	2020	1.38	0.69	2.84	0.99	48.3	7.5	12	7.83	40.0
M358619		5.46	0.106	0.25	7.61	5.5	2320	1.39	0.73	2.67	0.16	48.9	6.9	12	7.13	73.8
M358620		5.84	0.011	0.15	7.46	13.9	1990	1.19	0.54	1.91	0.18	44.4	8.3	9	13.90	16.3
M358621		3.32	0.007	0.14	7.03	9.0	2020	1.30	0.34	2.81	0.14	42.6	6.5	10	11.15	15.5
M358622		0.26	2.43	23.8	5.81	3380	160	1.19	18.15	2.21	75.1	39.2	10.2	19	13.95	435
M358623		4.63	<0.005	0.12	7.02	6.9	1990	1.39	0.19	2.56	0.14	39.0	6.7	10	11.75	8.6
M358624		2.10	0.114	0.52	7.46	34.7	1640	1.49	1.65	2.41	0.61	48.6	7.1	9	17.40	34.0
M358625		2.27	0.015	0.96	6.73	28.1	2130	1.30	0.97	1.81	3.39	49.7	3.6	8	18.10	4.7
M358626		3.22	<0.005	0.05	0.14	<5	40	0.13	0.02	22.0	0.06	1.71	1.4	<1	0.74	1.4
M358627		6.05	<0.005	0.27	6.98	35.3	2360	1.83	0.23	2.72	0.40	68.1	6.7	27	27.3	11.9
M358628		2.46	0.036	0.44	6.59	107.0	1050	1.29	0.37	2.47	0.46	39.1	5.0	7	20.4	6.1
M358629		5.61	0.016	0.20	7.64	12.3	2010	1.31	0.50	1.43	0.16	45.6	6.6	8	17.60	15.0



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Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12209429**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M358594		3.08	19.95	0.17	1.5	0.671	3.12	17.5	67.6	0.29	1390	2.98	0.55	10.9	4.7
M358595		2.70	18.20	0.12	1.3	0.780	2.99	16.3	59.4	0.36	1660	1.55	0.34	10.1	3.8
M358596		2.68	17.45	0.13	1.5	0.701	3.16	15.7	26.5	0.32	1290	1.92	0.20	9.7	4.6
M358597		2.00	17.75	0.18	1.3	0.161	2.44	21.9	32.8	0.27	746	6.92	1.17	8.1	2.5
M358598		2.43	18.35	0.19	1.2	0.099	2.57	19.4	25.0	0.69	720	6.31	0.93	9.0	2.9
M358599		1.99	16.50	0.21	1.1	0.187	2.73	22.7	18.3	0.61	1140	3.10	1.09	7.7	2.1
M358600		2.98	17.50	0.20	1.2	0.060	2.80	20.3	14.0	0.84	584	4.55	2.00	9.0	2.9
M358601		2.93	17.35	0.21	1.2	0.075	2.75	24.4	12.3	0.84	696	2.52	2.13	8.5	2.5
M358602		2.90	17.35	0.19	1.2	0.078	2.70	22.7	12.3	0.81	671	2.40	2.13	8.5	2.5
M358603		3.01	16.65	0.19	1.3	0.068	2.66	22.2	12.2	0.77	637	2.33	2.03	8.3	2.4
M358604		3.00	17.10	0.19	1.3	0.051	2.69	23.5	12.4	0.84	553	2.07	2.16	8.5	2.5
M358605		3.05	16.30	0.21	1.1	0.221	3.14	24.1	9.9	1.02	1050	2.29	0.57	7.4	2.5
M358606		3.11	17.75	0.19	1.3	0.048	2.67	22.6	12.3	0.83	705	2.49	2.29	8.7	2.7
M358607		3.01	17.95	0.20	1.2	0.050	2.70	23.6	12.6	0.82	665	2.45	2.27	8.7	2.6
M358608		3.29	16.35	0.19	1.2	0.062	2.66	24.4	11.0	0.83	583	2.91	2.18	8.3	2.5
M358609		3.79	16.00	0.19	1.1	0.170	2.13	24.7	12.4	0.76	710	2.90	1.84	7.6	3.0
M358610		3.57	16.95	0.20	1.2	0.123	2.42	25.4	15.1	0.67	690	2.32	1.76	8.3	3.1
M358611		3.28	17.15	0.20	1.3	0.072	2.74	25.9	13.2	0.86	633	2.26	2.15	8.6	2.4
M358612		6.32	14.40	0.20	0.9	1.630	2.69	22.5	23.0	0.87	1800	11.85	0.04	6.1	13.5
M358613		2.89	16.40	0.19	1.3	0.063	2.38	24.3	15.0	0.76	581	2.52	1.79	8.3	2.3
M358614		2.81	16.05	0.19	1.2	0.039	2.70	22.3	9.9	0.75	574	2.65	2.09	8.1	2.2
M358615		3.89	17.20	0.19	1.1	0.161	3.06	21.0	29.4	0.74	1020	3.31	0.64	7.6	2.9
M358616		0.48	0.29	0.18	<0.1	0.005	0.03	0.5	0.9	12.50	215	0.11	0.01	0.3	2.1
M358617		3.06	17.50	0.21	1.3	0.068	2.65	27.3	14.3	0.91	608	3.42	2.24	8.5	2.3
M358618		3.01	17.15	0.20	1.2	0.062	2.52	24.7	15.7	0.85	699	6.14	2.07	8.2	2.5
M358619		3.02	16.70	0.19	1.4	0.051	2.64	25.5	11.8	0.86	604	3.09	2.31	8.4	2.2
M358620		3.04	17.75	0.18	1.3	0.074	2.57	22.4	33.0	0.65	676	2.69	0.41	8.4	2.5
M358621		2.80	16.50	0.18	1.3	0.045	2.59	21.3	13.5	0.70	595	3.12	2.08	8.2	2.1
M358622		6.52	14.40	0.20	0.9	1.620	2.73	20.9	23.3	0.90	1840	11.80	0.04	6.1	13.6
M358623		3.04	16.65	0.17	1.4	0.046	2.68	19.2	14.9	0.72	583	5.93	1.84	8.6	2.3
M358624		3.42	19.10	0.20	1.5	0.127	2.62	24.0	19.1	0.76	807	26.6	1.20	8.5	2.9
M358625		2.08	15.45	0.17	1.4	0.136	3.06	25.4	10.0	0.66	1360	2.76	0.21	6.8	2.9
M358626		0.51	0.49	0.22	<0.1	0.006	0.06	0.9	1.5	13.00	222	0.18	0.01	0.4	2.5
M358627		2.12	19.30	0.22	4.1	0.036	2.60	36.8	22.7	1.00	776	1.01	0.07	11.1	13.3
M358628		2.31	15.10	0.17	1.3	0.055	2.41	20.3	31.9	0.84	652	2.13	0.05	7.9	2.6
M358629		2.76	18.05	0.19	1.7	0.066	2.48	23.6	41.3	0.54	607	0.87	0.11	9.0	2.2



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Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12209429**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358594		52.4	161.5	<0.002	0.25	5.91	7.6	1	1.5	149.0	0.85	0.07	10.2	0.239	2.3
M358595		147.5	145.0	<0.002	0.52	6.73	6.5	1	1.4	129.5	0.78	0.06	9.2	0.219	2.8
M358596		27.9	143.0	<0.002	0.33	7.36	6.8	1	1.3	143.5	0.71	0.06	8.8	0.218	3.3
M358597		20.8	112.0	<0.002	0.09	5.84	10.2	1	1.5	252	0.64	<0.05	12.1	0.239	2.0
M358598		20.6	93.7	0.007	0.09	5.48	11.4	1	1.6	221	0.61	<0.05	10.3	0.278	1.7
M358599		18.7	121.0	0.002	0.27	4.64	10.6	1	1.4	254	0.56	0.07	10.9	0.239	2.5
M358600		18.9	104.5	0.011	0.07	2.99	10.8	1	1.3	374	0.65	<0.05	11.3	0.275	2.5
M358601		20.5	105.0	<0.002	0.07	3.09	11.3	1	1.3	397	0.65	<0.05	14.2	0.269	3.9
M358602		20.3	103.0	<0.002	0.07	2.93	11.2	1	1.3	392	0.65	<0.05	13.3	0.259	3.7
M358603		24.5	105.5	<0.002	0.33	2.73	10.6	1	1.4	355	0.64	0.18	12.8	0.252	4.3
M358604		19.9	105.0	<0.002	0.07	1.81	11.2	1	1.4	393	0.65	<0.05	14.3	0.254	3.8
M358605		205	154.0	<0.002	1.32	4.97	11.0	1	1.7	138.5	0.58	0.13	14.2	0.226	6.0
M358606		18.9	90.9	<0.002	0.08	1.74	11.6	1	1.1	413	0.65	<0.05	12.2	0.265	3.1
M358607		18.5	96.5	<0.002	0.07	1.74	11.4	1	1.2	411	0.63	<0.05	12.4	0.264	3.0
M358608		17.3	111.0	<0.002	0.14	2.67	10.9	1	1.5	384	0.61	0.05	13.5	0.259	3.1
M358609		12.6	103.5	<0.002	0.90	2.82	10.8	1	2.7	294	0.56	0.15	12.4	0.223	3.3
M358610		14.0	111.0	<0.002	0.50	4.31	12.0	1	2.0	277	0.63	0.11	13.6	0.247	3.0
M358611		16.6	113.5	<0.002	0.20	2.42	11.6	1	1.7	373	0.67	0.10	15.3	0.255	4.2
M358612		2640	163.0	<0.002	4.56	81.6	7.9	1	7.2	89.6	0.45	0.37	10.9	0.176	5.2
M358613		19.1	98.5	<0.002	0.11	2.83	11.2	1	1.6	333	0.66	<0.05	14.1	0.241	3.0
M358614		17.7	100.5	<0.002	0.06	1.50	10.1	1	1.3	371	0.63	<0.05	13.0	0.247	3.4
M358615		63.7	150.5	<0.002	1.77	5.22	10.7	2	2.4	165.5	0.58	0.56	12.1	0.228	5.1
M358616		1.3	1.8	<0.002	<0.01	0.14	0.3	1	<0.2	45.4	<0.05	<0.05	0.2	<0.005	0.6
M358617		18.7	109.0	<0.002	0.16	1.65	11.8	1	1.4	397	0.66	0.09	14.7	0.262	4.0
M358618		44.8	101.0	<0.002	0.32	1.77	10.8	1	1.7	376	0.63	0.07	13.3	0.246	4.1
M358619		18.7	103.0	<0.002	0.28	1.39	10.7	1	1.7	404	0.66	0.09	14.5	0.258	4.4
M358620		15.5	96.3	<0.002	0.33	9.56	10.7	1	1.7	134.5	0.63	0.07	12.6	0.260	3.4
M358621		16.9	94.2	<0.002	0.12	2.33	10.0	1	1.3	381	0.65	0.05	12.6	0.248	3.7
M358622		2740	163.5	<0.002	4.71	82.0	7.6	1	7.2	90.3	0.45	0.34	10.5	0.182	5.2
M358623		16.2	97.0	0.002	0.06	3.17	10.2	1	1.5	339	0.72	<0.05	11.4	0.260	3.2
M358624		39.7	118.5	0.006	0.63	8.11	12.3	1	2.1	211	0.65	0.27	13.4	0.263	4.4
M358625		266	190.5	<0.002	0.52	6.39	9.9	1	2.0	101.0	0.54	0.19	14.6	0.194	3.8
M358626		4.6	4.0	<0.002	<0.01	0.09	0.3	1	<0.2	45.6	<0.05	<0.05	<0.2	0.005	0.6
M358627		44.3	104.5	<0.002	0.19	11.60	5.9	1	1.6	154.0	0.76	<0.05	12.5	0.261	6.4
M358628		30.9	80.0	0.003	0.47	8.21	8.0	1	1.6	113.5	0.59	0.12	12.0	0.211	5.6
M358629		21.0	100.0	<0.002	0.36	6.20	10.5	1	2.4	108.0	0.72	0.08	15.7	0.251	2.6





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 Account: ROCKHA

Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12209429**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358594		67	2.3	11.5	171	47.3	<1
M358595		58	1.7	10.2	239	40.6	<1
M358596		62	1.8	10.3	125	45.2	<1
M358597		70	2.6	14.1	92	34.3	<1
M358598		78	3.7	15.6	64	33.7	<1
M358599		70	2.9	17.4	63	28.8	<1
M358600		77	2.8	13.8	54	32.3	<1
M358601		77	2.6	17.3	56	33.4	1
M358602		74	2.6	16.6	54	32.5	<1
M358603		73	2.1	15.7	64	33.8	<1
M358604		71	2.5	16.5	50	34.9	<1
M358605		69	2.5	14.6	1910	31.1	2
M358606		78	2.3	16.4	66	34.8	<1
M358607		76	2.1	16.7	55	34.3	<1
M358608		72	3.7	16.4	49	32.5	<1
M358609		65	1.8	16.2	44	30.9	<1
M358610		73	2.0	16.2	48	32.6	<1
M358611		74	1.7	17.9	48	33.5	<1
M358612		56	5.0	9.7	5140	25.8	25
M358613		67	2.5	16.3	44	33.3	<1
M358614		69	2.8	15.7	45	33.3	<1
M358615		67	2.9	13.9	222	31.7	1
M358616		3	0.1	0.8	14	<0.5	<1
M358617		74	2.6	18.3	48	35.7	<1
M358618		71	3.7	16.9	105	31.8	<1
M358619		72	3.0	16.7	49	38.2	<1
M358620		73	3.6	15.6	50	36.9	<1
M358621		69	2.4	15.1	43	36.3	<1
M358622		57	4.9	9.7	5270	26.4	25
M358623		75	2.2	15.0	45	37.1	<1
M358624		85	2.5	16.3	83	42.5	1
M358625		64	3.7	11.9	320	38.3	1
M358626		4	0.2	1.1	14	<0.5	<1
M358627		50	1.5	13.3	91	152.5	<1
M358628		56	2.9	12.4	76	38.8	<1
M358629		69	3.0	14.4	48	48.8	<1



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**CERTIFICATE OF ANALYSIS WH12209429**

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



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**CERTIFICATE WH12209620**

Project: Klaza-122

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12209620**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359506		3.49	<0.005	1.71	6.98	24.7	1910	1.35	3.41	2.04	0.32	47.1	10.9	7	7.97	28.3
M359507		4.93	<0.005	0.14	7.44	15.2	2350	1.52	0.74	2.31	0.12	48.5	10.0	10	7.44	10.7
M359508		3.10	<0.005	0.45	6.70	26.4	1800	1.49	0.59	3.02	0.23	35.7	7.2	8	10.05	32.6
M359509		3.66	<0.005	0.15	7.12	9.8	2020	1.55	0.57	3.27	0.09	43.3	6.0	14	9.80	8.5
M359510		6.14	<0.005	0.14	7.54	18.3	2330	1.57	0.59	2.47	0.10	43.2	8.8	10	11.05	12.7
M359511		<0.02	<0.005	0.16	7.61	17.7	2340	1.68	0.60	2.57	0.09	42.9	7.8	10	10.90	12.3
M359512		3.59	<0.005	0.22	7.18	18.2	2150	1.63	0.60	2.75	0.15	39.9	9.8	8	15.60	30.3
M359513		3.04	0.010	0.47	6.73	32.5	1940	1.52	0.59	2.76	0.20	35.8	7.5	8	16.00	44.9
M359514		3.20	<0.005	0.04	0.08	<5	20	0.06	0.04	19.55	0.06	1.06	0.6	<1	0.22	1.7
M359515		5.30	<0.005	0.08	7.06	6.9	2260	1.42	1.74	2.76	0.12	39.1	6.8	9	11.50	5.9
M359516		8.51	<0.005	0.06	7.70	9.3	2440	1.53	0.45	2.39	0.10	47.5	6.9	12	10.20	5.8
M359517		5.18	<0.005	0.07	7.35	9.3	2230	1.65	0.24	2.87	0.11	41.0	6.8	9	8.89	7.1
M359518		0.26	2.15	24.5	6.01	3260	1220	1.29	19.45	2.19	80.0	42.8	10.7	19	14.45	453
M359519		4.99	<0.005	0.22	7.54	14.6	2300	1.54	0.42	2.50	0.15	48.5	6.5	9	9.31	8.0
M359520		2.34	<0.005	0.28	7.38	17.9	2090	1.49	1.30	2.46	0.14	47.1	6.9	9	10.05	64.8
M359521		6.81	<0.005	0.26	7.37	11.4	2320	1.55	0.72	2.49	0.08	47.7	7.3	10	9.10	79.7
M359522		3.87	0.184	6.42	7.47	1210	1810	1.51	1.41	2.11	10.10	47.4	17.0	7	13.10	51.4
M359523		3.44	<0.005	<0.01	0.07	<5	20	0.06	0.01	21.0	0.10	1.22	1.1	<1	0.13	1.4
M359524		2.28	<0.005	0.36	7.81	52.5	2080	1.56	0.23	2.05	0.34	43.3	7.5	8	19.15	55.6
M359525		4.31	<0.005	0.26	6.56	14.5	2250	1.57	0.17	2.76	0.11	36.4	8.0	8	13.10	82.7
M359526		3.14	<0.005	0.14	6.96	10.4	2330	1.59	0.31	2.64	0.12	45.3	7.5	8	6.88	36.5
M359527		7.25	<0.005	0.19	6.67	12.8	2230	1.51	0.24	2.43	0.10	41.5	7.0	9	7.71	41.8
M359528		3.58	<0.005	0.20	6.78	12.2	2250	1.64	0.27	2.50	0.10	45.3	7.0	9	8.13	44.8
M359529		2.47	<0.005	0.14	6.78	13.8	2260	1.71	0.35	2.77	0.10	39.9	7.3	9	7.30	15.8
M359530		5.20	<0.005	0.15	6.77	8.9	2210	1.61	0.39	2.63	0.12	42.5	6.3	10	8.28	12.4
M359531		3.39	<0.005	0.18	6.63	10.4	2220	1.62	0.31	2.56	0.14	39.0	6.8	10	11.20	7.3
M359532		3.98	<0.005	0.10	7.07	8.5	2210	1.56	0.31	2.63	0.14	49.1	6.7	9	10.65	9.9
M359533		0.26	2.19	25.5	5.18	3090	900	1.44	18.20	2.09	74.2	42.2	10.1	17	12.90	397
M359534		2.41	0.062	2.67	6.26	76.2	1890	1.61	0.41	2.77	2.14	34.1	5.8	8	12.55	24.2
M359535		3.54	<0.005	0.26	6.73	11.9	2150	1.76	0.16	2.45	0.27	42.0	6.1	10	13.00	11.0
M359536		4.19	<0.005	0.23	7.37	16.7	2370	1.31	0.32	1.41	0.15	45.4	8.2	8	11.75	11.6
M359537		2.67	0.049	2.79	6.06	162.5	1870	1.44	0.96	2.13	2.61	35.9	8.4	7	15.60	33.6
M359538		3.11	<0.005	0.19	7.16	14.5	2190	1.36	0.39	1.82	0.14	39.2	6.7	8	15.50	5.5
M359539		2.73	0.087	2.50	6.37	169.5	1070	1.87	2.05	2.12	0.15	50.3	23.3	6	20.7	8.0
M359540		2.54	<0.005	0.13	6.61	11.2	1950	1.56	0.20	2.26	0.16	38.2	4.5	8	17.50	3.6
M359541		2.79	0.011	0.42	6.46	40.3	1380	1.80	0.28	2.01	0.80	33.3	6.0	8	19.75	6.0



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Account: ROCKHA

Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12209620**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359506		2.71	14.15	0.16	1.2	0.059	2.60	22.8	13.9	0.71	648	1.81	1.54	7.4	3.1	530
M359507		3.00	14.65	0.14	1.4	0.049	2.68	23.5	12.0	0.83	565	11.65	2.25	8.1	2.7	570
M359508		3.20	14.65	0.14	1.3	0.049	2.55	16.7	13.8	0.88	934	5.31	1.59	7.9	2.6	570
M359509		2.95	15.60	0.14	1.3	0.059	2.48	19.4	14.0	0.80	1080	2.46	1.82	8.0	2.6	590
M359510		3.04	15.90	0.14	1.3	0.047	2.52	21.0	16.0	0.79	551	21.9	2.15	8.5	2.6	620
M359511		3.05	15.15	0.14	1.3	0.046	2.53	21.1	15.5	0.81	564	16.35	2.17	8.4	2.5	620
M359512		2.91	14.70	0.14	1.2	0.046	2.46	19.2	14.1	0.63	530	17.10	2.08	7.8	2.5	590
M359513		2.75	14.65	0.13	1.2	0.045	2.54	17.3	16.8	0.61	682	23.0	1.53	7.6	2.6	560
M359514		0.45	0.22	0.08	<0.1	0.005	0.03	0.5	0.9	12.70	207	0.16	0.01	0.2	1.5	190
M359515		2.86	14.95	0.14	1.3	0.040	2.55	17.8	19.2	0.78	531	5.66	2.23	7.7	2.4	570
M359516		2.94	15.40	0.16	1.5	0.039	2.62	23.1	16.2	0.91	528	7.76	2.38	8.2	3.0	590
M359517		3.10	15.65	0.14	1.4	0.056	2.56	18.8	17.3	0.81	610	3.51	2.35	8.4	2.5	610
M359518		6.44	13.25	0.16	1.0	1.605	2.61	24.0	22.8	0.90	1860	12.95	0.04	6.0	15.4	430
M359519		2.88	15.60	0.18	1.6	0.055	2.63	24.7	18.0	0.83	552	1.65	2.29	8.4	2.6	550
M359520		2.68	15.15	0.14	1.3	0.060	2.73	24.2	15.3	0.71	587	3.32	2.10	7.8	2.4	560
M359521		2.82	14.95	0.14	1.5	0.048	2.67	22.8	12.8	0.79	614	2.17	2.19	8.2	2.6	570
M359522		3.65	16.55	0.16	1.6	0.157	3.39	24.7	22.2	0.69	2330	2.49	0.13	7.6	2.7	580
M359523		0.44	0.24	0.08	<0.1	<0.005	0.02	0.6	1.0	12.50	199	0.08	0.01	0.3	3.0	270
M359524		2.81	17.15	0.16	1.6	0.041	3.17	21.4	17.3	0.46	1060	1.30	1.02	8.2	2.4	630
M359525		2.74	15.20	0.14	1.3	0.048	2.47	16.9	16.2	0.63	547	1.57	1.99	7.4	2.5	560
M359526		2.97	16.10	0.14	1.4	0.046	2.41	20.1	15.3	0.95	600	1.34	2.37	7.8	2.4	670
M359527		2.64	15.00	0.17	1.3	0.041	2.48	19.1	17.0	0.78	510	1.52	2.19	7.2	2.5	540
M359528		2.65	15.50	0.14	1.4	0.045	2.59	20.7	17.2	0.80	531	1.70	2.20	7.4	2.3	550
M359529		2.72	16.00	0.14	1.2	0.041	2.56	18.2	15.6	0.75	626	4.45	2.19	7.4	2.5	550
M359530		2.62	15.15	0.14	1.1	0.054	2.59	18.9	13.6	0.71	605	4.41	2.20	7.3	2.1	550
M359531		2.86	15.65	0.15	1.3	0.046	2.61	17.5	15.3	0.66	779	1.86	1.72	7.2	2.5	570
M359532		2.83	15.60	0.17	1.4	0.037	2.67	22.0	13.9	0.79	668	3.55	2.19	7.7	2.7	610
M359533		5.98	13.25	0.15	0.9	1.595	2.37	20.3	22.2	0.85	1760	12.15	0.04	5.4	14.4	410
M359534		2.71	14.40	0.12	1.2	0.071	2.94	15.0	12.3	0.63	1680	2.81	1.30	6.6	2.3	510
M359535		2.55	15.85	0.15	1.3	0.034	2.66	18.9	13.0	0.58	644	5.32	1.95	7.4	2.3	530
M359536		2.79	16.45	0.14	1.3	0.069	2.83	20.9	30.6	0.53	703	2.26	0.32	7.5	2.2	570
M359537		3.23	15.75	0.13	1.2	0.167	3.01	16.1	34.7	0.72	1800	2.04	0.08	6.9	2.5	500
M359538		3.15	16.75	0.16	1.3	0.060	3.14	17.8	29.5	0.64	748	3.43	0.58	8.1	2.3	600
M359539		4.44	16.85	0.17	1.2	0.106	2.62	24.6	19.7	0.71	1220	2.23	0.99	7.1	4.4	520
M359540		2.61	15.75	0.16	1.7	0.041	2.82	17.3	51.9	0.53	514	3.90	1.58	8.0	2.0	550
M359541		2.65	16.15	0.12	1.3	0.053	3.35	14.7	34.6	0.63	1200	3.31	0.08	7.2	2.3	550



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Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12209620**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359506		16.3	136.5	<0.002	0.14	2.85	10.2	1	2.5	250	0.57	1.66	14.2	0.222	1.49	3.3
M359507		15.1	118.0	<0.002	0.06	1.96	10.7	1	2.7	419	0.66	0.07	14.0	0.249	1.37	4.0
M359508		19.5	98.9	<0.002	0.20	3.87	10.0	1	3.0	322	0.58	<0.05	9.5	0.249	1.69	3.9
M359509		15.3	109.0	<0.002	0.03	2.43	11.0	1	3.0	374	0.59	<0.05	10.6	0.252	1.49	3.1
M359510		14.9	109.0	0.002	0.10	2.27	11.4	1	3.4	385	0.64	<0.05	11.3	0.273	1.53	3.5
M359511		14.7	109.5	<0.002	0.10	2.25	11.7	1	3.3	389	0.65	<0.05	11.6	0.278	1.51	3.7
M359512		16.7	107.0	0.004	0.21	1.88	10.4	1	3.3	397	0.59	0.05	11.5	0.263	1.54	3.4
M359513		15.7	102.5	0.003	0.18	5.06	9.8	1	3.3	305	0.60	<0.05	9.8	0.244	1.67	3.2
M359514		1.5	1.6	<0.002	<0.01	<0.05	0.2	<1	0.2	40.2	<0.05	<0.05	0.2	<0.005	0.02	0.4
M359515		15.7	94.3	<0.002	0.01	1.35	10.2	1	2.9	412	0.59	<0.05	11.7	0.256	1.35	3.5
M359516		16.1	105.0	0.003	0.01	1.05	11.2	1	2.5	463	0.63	<0.05	14.0	0.256	1.21	4.0
M359517		14.9	102.5	<0.002	0.01	2.10	11.0	<1	2.7	412	0.63	<0.05	11.2	0.272	1.26	3.5
M359518		2740	164.5	0.002	4.65	87.9	8.4	1	7.4	88.7	0.48	0.36	12.1	0.182	2.39	5.7
M359519		18.3	115.0	0.003	0.02	1.57	11.0	1	2.5	421	0.70	<0.05	14.3	0.249	1.19	4.7
M359520		20.5	123.5	<0.002	0.06	2.33	10.7	1	2.7	352	0.59	0.05	13.8	0.245	1.55	4.1
M359521		16.4	113.0	<0.002	0.03	1.77	10.6	1	2.6	378	0.64	<0.05	13.4	0.253	1.37	4.0
M359522		748	163.5	<0.002	1.47	28.5	10.7	1	3.1	98.1	0.74	0.18	12.1	0.238	2.50	5.3
M359523		1.7	1.1	<0.002	<0.01	<0.05	0.2	1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
M359524		28.5	127.5	<0.002	0.12	17.80	10.7	1	2.9	215	0.73	<0.05	11.3	0.263	1.77	3.3
M359525		16.2	93.7	0.002	0.04	5.73	9.6	1	2.6	346	0.56	0.05	10.5	0.245	1.30	3.5
M359526		16.5	84.8	0.002	0.02	1.47	11.8	<1	2.8	434	0.59	<0.05	11.6	0.281	1.08	4.1
M359527		15.9	89.6	<0.002	0.04	1.50	9.9	<1	2.4	381	0.61	<0.05	11.8	0.240	1.16	4.0
M359528		16.4	97.0	0.002	0.04	1.45	10.3	1	2.4	385	0.59	<0.05	12.8	0.250	1.17	3.9
M359529		16.2	88.0	0.003	0.04	1.32	9.9	<1	2.1	367	0.60	<0.05	10.9	0.246	1.12	3.7
M359530		17.3	90.4	0.003	0.02	2.17	10.0	1	1.9	361	0.59	<0.05	12.1	0.248	1.09	4.0
M359531		19.8	90.3	0.002	0.04	4.23	9.9	1	1.9	302	0.57	<0.05	11.1	0.252	1.16	3.4
M359532		18.3	99.7	0.002	0.01	2.02	10.7	<1	2.2	370	0.62	<0.05	12.7	0.263	1.13	3.9
M359533		2630	151.0	0.003	4.31	90.3	8.2	1	7.4	86.4	0.41	0.35	10.6	0.167	2.23	5.1
M359534		187.5	102.5	<0.002	0.40	7.33	8.9	<1	2.0	251	0.54	<0.05	10.5	0.229	1.60	3.5
M359535		26.9	96.5	0.004	0.04	3.12	9.9	1	1.9	326	0.56	<0.05	11.9	0.237	1.21	3.3
M359536		15.9	107.5	0.002	0.10	13.55	11.2	1	2.0	120.0	0.57	0.07	12.3	0.256	1.42	4.2
M359537		109.5	130.5	0.002	0.96	22.5	10.1	1	2.3	115.5	0.52	0.24	9.7	0.226	2.73	5.3
M359538		14.8	116.5	0.002	0.13	9.50	11.6	1	2.5	162.5	0.63	0.09	10.7	0.278	1.63	3.1
M359539		17.9	131.5	0.002	1.95	13.20	9.2	1	3.2	164.0	0.59	0.39	11.1	0.227	2.99	4.8
M359540		15.2	114.5	0.003	0.03	5.28	10.5	1	2.3	320	0.68	<0.05	11.3	0.247	1.50	3.0
M359541		34.3	129.0	0.002	0.53	12.95	9.7	<1	2.5	153.0	0.57	0.06	10.2	0.242	3.22	4.1



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**CERTIFICATE OF ANALYSIS WH12209620**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359506		58	3.7	13.7	64	29.7	2
M359507		66	10.0	16.6	45	33.3	<1
M359508		67	2.9	13.4	55	30.4	<1
M359509		67	2.5	16.4	43	31.1	<1
M359510		71	6.3	15.9	45	28.2	<1
M359511		74	7.4	15.5	46	29.8	<1
M359512		69	3.0	14.4	47	25.7	<1
M359513		65	3.2	13.6	49	25.4	<1
M359514		2	0.1	0.8	15	<0.5	<1
M359515		68	3.6	14.7	42	28.4	<1
M359516		68	3.2	16.7	41	34.7	<1
M359517		73	2.2	15.6	44	31.8	<1
M359518		55	5.0	10.0	5350	22.0	25
M359519		65	1.6	17.0	43	33.2	<1
M359520		65	2.4	15.9	46	30.8	<1
M359521		67	1.5	16.1	41	33.9	<1
M359522		69	4.4	15.3	1080	39.0	6
M359523		2	0.1	0.9	17	<0.5	<1
M359524		75	2.7	15.8	71	39.1	<1
M359525		66	1.3	13.2	40	30.6	<1
M359526		77	1.0	16.1	44	32.7	<1
M359527		64	1.2	13.8	37	30.3	<1
M359528		66	1.3	14.6	39	33.4	<1
M359529		65	1.3	13.6	40	29.2	<1
M359530		67	1.9	13.9	42	28.1	<1
M359531		69	2.1	13.2	53	33.1	<1
M359532		71	1.3	15.8	50	34.4	<1
M359533		53	4.7	8.6	5090	22.8	25
M359534		62	2.0	11.7	290	29.8	3
M359535		63	1.6	13.3	59	32.7	<1
M359536		68	4.4	13.8	46	34.0	<1
M359537		64	3.7	12.5	235	30.0	3
M359538		77	3.3	13.9	56	32.8	<1
M359539		68	4.0	16.4	51	30.2	2
M359540		66	2.2	13.3	45	41.2	<1
M359541		68	3.5	10.4	109	32.6	<1



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**CERTIFICATE OF ANALYSIS WH12209620**

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





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**CERTIFICATE WH12209621**

Project: Klaza-124

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12209621**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357268		3.23	0.006	0.33	6.78	14.1	1630	1.17	0.26	2.38	0.53	39.3	8.4	8	14.75	48.3
M357269		2.51	0.076	2.79	6.86	167.5	1870	1.44	1.01	2.77	3.63	40.1	8.4	7	21.6	115.5
M357270		6.53	<0.005	0.16	7.55	10.8	2070	1.43	0.19	2.68	0.16	50.5	12.7	11	9.66	14.1
M357271		3.74	<0.005	0.24	6.51	14.6	910	1.69	0.22	1.31	0.13	43.2	3.1	9	5.07	43.9
M357272		8.09	<0.005	0.11	7.40	10.7	2150	1.40	0.22	2.58	0.21	44.9	7.5	11	8.20	21.4
M357273		<0.02	<0.005	0.12	7.62	11.1	2170	1.43	0.21	2.62	0.22	48.2	7.4	10	8.68	20.5
M357274		8.53	<0.005	0.19	7.29	13.6	2050	1.48	0.22	2.26	0.15	52.6	7.3	13	6.09	15.3
M357275		8.72	<0.005	0.11	7.33	14.8	2080	1.44	0.21	2.23	0.12	47.1	8.5	13	6.37	13.3
M357276		4.27	<0.005	0.26	7.26	13.0	2110	1.36	0.28	2.42	0.10	45.7	10.7	12	7.59	16.8
M357277		2.62	0.026	0.96	7.14	24.6	1840	1.36	0.58	2.70	3.39	41.3	8.9	10	9.81	29.2
M357278		8.12	<0.005	0.09	7.47	10.1	2020	1.47	0.17	2.29	0.14	50.8	6.9	10	5.69	9.1
M357279		0.26	0.769	9.95	6.49	1790	890	1.44	6.09	1.89	40.2	47.1	16.4	19	15.90	112.0
M357280		5.21	<0.005	0.18	6.88	12.4	2060	1.76	0.17	2.52	0.17	41.1	8.2	11	9.75	20.1
M357281		2.37	0.024	0.95	7.20	57.9	1300	1.38	0.28	2.92	0.72	46.0	7.4	9	15.35	37.2
M357282		2.09	<0.005	0.16	6.91	9.9	1790	1.43	0.29	2.92	0.16	40.7	6.4	9	18.20	29.9
M357283		2.88	<0.005	0.31	7.63	13.9	1240	1.38	0.33	2.47	0.28	43.3	6.7	9	17.75	32.5
M357284		2.98	<0.005	0.01	0.08	<5	20	<0.05	0.02	20.2	0.06	1.35	1.0	<1	0.23	1.9
M357285		4.74	<0.005	0.85	7.15	7.7	1880	1.37	0.19	2.82	0.14	45.7	6.4	10	18.55	20.0
M357286		8.71	<0.005	0.59	7.15	9.3	1940	1.40	0.18	2.72	0.65	42.2	6.5	11	14.40	16.4
M357287		7.01	<0.005	0.21	7.13	9.2	2620	1.41	0.25	2.93	0.14	44.2	6.0	10	10.45	6.8
M357288		7.21	<0.005	0.15	7.04	10.4	2250	1.46	0.30	2.37	0.13	45.3	5.5	9	11.15	6.8
M357289		7.28	<0.005	0.12	7.27	10.1	2070	1.35	0.38	2.15	0.10	47.6	6.9	10	9.20	5.3
M357290		0.26	2.20	25.6	5.79	3320	800	1.23	19.15	2.13	76.3	44.1	10.2	20	13.90	428
M357291		2.48	<0.005	0.15	7.43	12.3	1890	1.53	0.31	1.81	0.18	50.1	5.1	9	15.90	5.2
M357292		2.74	<0.005	0.21	7.25	21.2	1960	1.62	0.30	2.49	0.21	45.5	6.6	13	12.70	8.9
M357293		3.19	0.011	0.86	7.40	55.6	1560	1.74	0.39	2.04	3.13	47.7	3.9	8	14.00	21.7
M357294		2.33	0.116	18.45	6.10	167.5	850	1.53	0.84	1.75	7.45	43.0	4.6	7	16.70	52.5
M357295		3.26	<0.005	0.04	0.07	<5	30	0.05	0.02	20.4	0.05	1.22	1.0	<1	0.32	1.8
M357296		2.55	0.009	0.41	6.99	37.4	1890	1.31	0.25	2.20	0.59	43.2	6.3	8	17.00	8.6
M357297		4.03	<0.005	0.35	7.34	12.0	2470	1.40	0.63	2.47	0.14	54.3	14.7	9	13.15	3.4
M357298		4.98	<0.005	0.28	7.09	14.0	2210	1.48	0.32	2.51	0.52	43.1	7.1	11	23.4	10.6
M357299		2.19	<0.005	0.17	6.88	9.0	2210	1.96	0.45	2.43	0.32	38.8	5.5	10	29.6	11.7
M357300		1.11	<0.005	0.12	7.00	8.6	2200	1.77	0.23	2.32	0.30	37.2	5.2	9	26.9	9.7
M357301		3.50	0.046	1.13	6.24	35.2	1770	1.79	0.45	3.44	3.43	41.6	7.2	21	26.2	29.1
M357302		2.66	<0.005	0.11	6.14	13.0	1260	1.65	0.13	2.93	0.36	36.6	5.3	30	25.7	15.4
M357303		6.00	<0.005	0.08	6.54	11.8	830	1.85	0.07	2.86	0.08	44.2	5.7	28	29.1	11.8



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**CERTIFICATE OF ANALYSIS WH12209621**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357268		2.53	16.60	0.18	1.3	0.040	2.56	19.0	22.3	0.59	535	3.30	1.37	8.5	2.2	580
M357269		2.64	17.10	0.17	1.3	0.256	2.70	19.8	49.6	0.73	1380	1.61	0.20	8.4	3.0	560
M357270		2.90	18.35	0.20	1.4	0.044	2.99	26.1	14.2	0.81	538	1.43	2.41	9.0	2.7	600
M357271		1.11	12.20	0.11	2.7	0.021	3.52	21.3	9.5	0.22	254	3.29	2.57	8.3	1.2	150
M357272		2.89	15.60	0.15	1.3	0.038	2.67	19.7	15.5	0.80	567	1.85	2.61	8.6	2.9	570
M357273		2.88	16.20	0.13	1.4	0.041	2.68	21.4	16.5	0.82	570	1.81	2.63	9.1	2.8	580
M357274		2.73	15.25	0.13	1.2	0.040	2.61	24.2	11.1	0.76	504	1.68	2.56	8.5	2.7	540
M357275		2.82	15.20	0.13	1.3	0.039	2.72	21.1	12.4	0.80	532	1.42	2.76	8.4	2.5	580
M357276		2.76	15.60	0.14	1.3	0.038	2.60	20.4	12.7	0.79	585	1.99	2.74	8.4	2.7	560
M357277		2.88	15.10	0.14	1.2	0.057	2.78	17.7	11.9	0.69	789	1.70	2.14	8.3	2.5	570
M357278		2.78	15.35	0.13	1.3	0.039	2.63	23.2	13.2	0.80	606	2.01	2.56	8.5	2.8	550
M357279		5.17	14.75	0.17	1.3	0.871	2.88	21.5	25.6	0.66	2000	12.95	0.27	8.0	16.1	470
M357280		2.54	18.25	0.14	1.3	0.042	2.66	19.9	17.1	0.70	843	1.89	2.21	9.0	2.6	560
M357281		3.08	15.10	0.15	1.2	0.053	2.84	20.9	32.7	0.79	1670	1.68	0.64	8.0	2.8	560
M357282		2.80	15.55	0.14	1.2	0.036	2.82	17.6	30.1	0.76	707	1.38	1.59	8.3	2.8	560
M357283		3.02	16.50	0.13	1.3	0.055	2.90	19.1	35.2	0.68	918	1.43	0.64	8.9	3.0	600
M357284		0.47	0.23	0.07	<0.1	0.005	0.03	0.6	1.0	12.70	212	0.16	0.01	0.3	2.0	200
M357285		2.82	15.55	0.12	1.3	0.046	2.93	20.1	11.6	0.69	663	1.27	1.84	8.3	2.7	560
M357286		2.83	15.30	0.10	1.3	0.047	2.78	18.1	20.7	0.73	740	1.22	1.85	8.4	2.4	560
M357287		2.97	15.75	0.14	1.3	0.055	2.57	19.5	12.6	0.75	719	1.36	2.53	8.2	2.7	540
M357288		2.87	14.90	0.13	1.2	0.060	2.70	19.7	14.6	0.75	639	1.31	2.45	8.5	2.6	570
M357289		2.97	14.90	0.14	1.4	0.110	2.74	21.1	12.9	0.77	621	1.54	2.80	8.3	2.9	550
M357290		6.60	13.10	0.18	0.9	1.570	2.58	21.0	23.6	0.87	1840	12.95	0.04	6.1	15.4	420
M357291		2.74	15.85	0.12	1.5	0.085	2.77	22.8	22.1	0.65	555	1.92	2.41	8.8	2.5	560
M357292		3.07	15.20	0.14	1.4	0.058	3.02	19.9	15.0	0.74	784	1.81	2.13	8.6	3.1	560
M357293		3.20	16.20	0.13	1.3	0.182	3.14	20.5	27.9	0.58	2020	3.78	1.62	8.3	2.9	570
M357294		2.99	12.35	0.11	1.0	0.147	2.61	20.9	36.5	0.64	2810	6.76	0.03	6.3	4.1	460
M357295		0.50	0.23	0.06	<0.1	0.005	0.03	0.5	1.0	12.90	225	0.08	0.01	0.2	2.3	150
M357296		2.73	15.20	0.10	1.2	0.076	2.92	18.2	47.9	0.68	1280	1.60	1.04	7.9	2.3	590
M357297		3.50	16.15	0.12	1.3	0.134	2.52	24.0	12.0	0.90	828	0.42	2.89	8.4	2.8	620
M357298		2.99	15.70	0.13	1.5	0.104	2.95	18.1	16.3	0.65	900	1.14	2.22	8.5	4.5	610
M357299		2.67	15.95	0.14	1.6	0.057	3.02	16.1	27.0	0.49	601	0.68	2.32	8.6	8.5	580
M357300		2.60	15.00	0.12	1.4	0.043	2.99	15.5	28.7	0.42	531	0.67	2.28	7.9	6.1	570
M357301		2.57	16.35	0.13	3.1	0.057	3.07	18.1	43.1	0.93	866	1.63	1.48	8.6	15.9	550
M357302		2.03	17.40	0.13	4.0	0.024	3.08	15.4	62.3	0.76	498	0.98	1.21	9.1	19.4	620
M357303		2.10	17.65	0.13	3.9	0.023	2.73	19.1	56.6	0.84	463	1.00	0.38	9.2	20.4	640



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**CERTIFICATE OF ANALYSIS WH12209621**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357268		26.5	107.0	<0.002	0.15	5.43	9.9	1	1.8	255	0.62	<0.05	10.9	0.239	1.47	3.2
M357269		299	115.5	<0.002	1.00	29.5	10.0	1	2.4	159.0	0.64	<0.05	12.3	0.240	2.55	5.9
M357270		97.8	121.5	<0.002	0.07	2.05	11.3	1	2.0	378	0.69	<0.05	14.0	0.261	1.21	3.8
M357271		24.8	151.0	<0.002	0.03	2.65	3.7	1	0.9	145.5	1.35	<0.05	26.4	0.078	1.14	7.3
M357272		19.0	97.7	<0.002	0.02	1.68	10.3	1	1.9	405	0.71	<0.05	11.7	0.261	0.95	3.8
M357273		19.8	105.5	<0.002	0.02	1.81	10.9	1	2.0	410	0.72	<0.05	12.6	0.266	0.98	4.1
M357274		18.1	108.5	<0.002	0.04	2.09	10.4	1	1.8	399	0.70	<0.05	12.8	0.248	0.93	4.2
M357275		17.0	105.5	<0.002	0.09	2.49	10.2	1	2.0	384	0.69	<0.05	12.0	0.258	0.97	4.0
M357276		17.9	113.0	<0.002	0.17	2.31	10.3	1	1.9	329	0.71	<0.05	12.5	0.248	1.06	3.7
M357277		238	122.0	<0.002	0.35	5.02	10.3	1	2.0	240	0.66	<0.05	11.0	0.253	1.30	3.4
M357278		19.2	111.0	<0.002	0.03	2.32	10.7	1	1.9	393	0.70	<0.05	13.1	0.251	1.00	4.2
M357279		1320	172.0	0.002	3.05	33.6	8.8	1	5.8	150.5	0.66	0.26	11.4	0.215	2.34	5.0
M357280		21.9	101.0	<0.002	0.03	2.23	10.9	1	1.8	363	0.69	<0.05	11.5	0.243	1.22	3.9
M357281		81.7	119.0	<0.002	0.48	18.00	10.1	1	1.8	163.0	0.66	<0.05	12.0	0.251	1.68	4.0
M357282		18.9	104.0	<0.002	0.06	7.83	9.8	1	1.7	265	0.67	<0.05	10.3	0.257	1.43	3.0
M357283		23.2	113.0	<0.002	0.38	16.00	10.5	1	1.9	165.0	0.74	<0.05	11.9	0.278	1.75	3.1
M357284		2.3	1.7	<0.002	<0.01	0.08	0.3	1	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M357285		20.4	120.0	<0.002	0.22	4.51	10.3	1	1.8	289	0.71	<0.05	12.9	0.254	1.63	4.1
M357286		49.6	100.5	<0.002	0.05	4.64	9.7	1	1.7	297	0.69	<0.05	11.5	0.262	1.19	3.6
M357287		19.9	101.5	<0.002	0.07	2.63	10.0	1	1.8	353	0.68	<0.05	11.2	0.249	1.04	3.5
M357288		20.3	105.5	<0.002	0.08	3.29	10.3	1	1.9	339	0.68	<0.05	11.7	0.262	1.06	3.4
M357289		13.8	110.0	<0.002	0.20	2.55	9.9	1	1.8	297	0.74	<0.05	11.8	0.249	1.07	3.8
M357290		2770	165.0	0.002	4.73	89.2	7.8	1	7.6	90.0	0.49	0.36	9.8	0.182	2.12	4.9
M357291		17.8	117.5	<0.002	0.04	6.59	10.3	1	1.7	287	0.75	<0.05	12.7	0.253	1.23	4.5
M357292		21.4	119.5	<0.002	0.22	5.21	10.1	1	1.8	320	0.74	<0.05	11.4	0.260	1.50	4.0
M357293		177.5	143.0	<0.002	0.51	10.65	10.4	1	2.6	232	0.70	<0.05	10.7	0.257	1.85	9.3
M357294		4690	157.0	<0.002	2.02	54.3	8.4	1	2.1	136.0	0.50	<0.05	10.1	0.208	2.36	44.7
M357295		3.9	2.2	<0.002	<0.01	0.09	0.3	1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M357296		43.1	121.0	<0.002	0.35	12.35	9.8	1	2.4	263	0.62	<0.05	10.6	0.263	1.65	3.5
M357297		25.0	108.0	<0.002	0.25	4.52	11.0	1	2.5	347	0.67	0.06	11.9	0.268	1.10	4.1
M357298		52.2	121.5	<0.002	0.11	3.76	10.3	1	2.5	387	0.68	<0.05	10.2	0.272	1.27	3.2
M357299		29.3	118.5	<0.002	0.02	2.84	9.7	1	2.8	443	0.72	<0.05	10.2	0.267	1.22	2.2
M357300		26.8	114.5	<0.002	0.01	2.37	9.2	1	2.6	443	0.66	<0.05	9.9	0.261	1.12	1.9
M357301		183.5	110.0	<0.002	0.12	8.37	6.5	1	2.2	475	0.69	<0.05	8.2	0.251	1.43	5.9
M357302		26.2	87.3	<0.002	0.02	8.61	5.0	1	1.5	427	0.74	<0.05	6.9	0.265	1.42	3.2
M357303		18.4	85.6	<0.002	0.02	8.71	5.5	1	1.3	461	0.76	<0.05	8.1	0.265	1.26	3.7



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**CERTIFICATE OF ANALYSIS WH12209621**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357268		66	2.5	14.1	71	37.3	<1
M357269		68	4.2	13.5	446	36.1	3
M357270		74	1.0	17.8	49	38.7	<1
M357271		17	2.3	12.8	18	56.8	<1
M357272		67	1.1	17.1	45	33.1	<1
M357273		68	1.1	18.4	45	33.6	<1
M357274		66	1.0	17.5	41	29.3	<1
M357275		67	1.2	17.0	45	30.2	<1
M357276		63	1.5	16.9	49	30.6	<1
M357277		67	1.9	15.2	480	29.4	1
M357278		66	1.5	17.7	44	30.9	<1
M357279		58	5.6	11.6	2960	36.1	10
M357280		66	2.4	16.1	50	36.8	<1
M357281		67	4.8	15.7	128	29.0	1
M357282		65	9.5	14.4	51	30.8	<1
M357283		72	7.0	14.9	67	31.4	<1
M357284		2	0.1	0.9	13	<0.5	<1
M357285		65	3.3	15.6	44	30.5	<1
M357286		68	2.3	15.1	77	31.4	<1
M357287		66	2.0	16.1	46	32.3	<1
M357288		69	2.1	16.3	48	30.0	<1
M357289		65	2.8	16.4	48	33.0	<1
M357290		55	5.4	9.8	5160	22.8	25
M357291		66	1.9	17.6	51	35.9	<1
M357292		66	2.2	16.5	54	33.9	<1
M357293		69	4.6	14.6	367	30.9	1
M357294		55	5.4	12.3	663	25.6	18
M357295		3	0.1	0.8	14	<0.5	<1
M357296		67	2.3	14.1	86	29.9	<1
M357297		73	1.5	17.6	58	31.6	<1
M357298		71	1.4	15.1	88	37.6	<1
M357299		68	1.3	13.4	83	40.8	<1
M357300		66	1.2	13.1	81	34.0	<1
M357301		54	1.5	11.9	253	102.5	1
M357302		51	1.3	9.2	75	140.0	<1
M357303		48	1.4	10.3	55	130.5	<1



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**CERTIFICATE OF ANALYSIS WH12209621**

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



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**CERTIFICATE WH12210389**

Project: Klaza - 94

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176025\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12210389**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
N812106		0.07	7.31	32.1	1630	1.43	0.07	3.11	0.10	57.2	9.7	32	21.3	23.4	3.23
N812107		0.18	6.81	15.2	1680	1.27	0.29	2.82	0.15	42.4	7.6	9	16.35	24.8	2.80
N812108		0.07	7.14	7.7	1380	1.54	0.05	2.82	0.07	39.6	7.7	10	19.20	8.4	3.04
N812109		0.06	7.40	3.4	2030	1.53	0.04	2.94	0.05	51.6	7.7	11	20.5	6.6	3.07
N812110		0.06	7.28	3.8	2170	1.39	0.05	2.93	0.07	49.6	7.5	10	18.65	6.1	3.16
N812111		9.73	6.73	1855	200	1.50	5.76	1.94	45.0	40.7	15.8	19	17.15	105.5	5.38
N812112		0.10	6.79	4.7	1810	1.30	0.05	2.71	0.12	36.4	7.2	9	20.4	11.0	2.86
N812113		0.13	7.02	5.6	2120	1.43	0.22	3.42	0.07	42.2	7.7	11	18.20	11.7	2.92
N812114		0.08	7.05	3.6	1840	1.41	0.05	3.31	0.04	36.1	7.4	12	17.85	11.9	3.14
N812115		0.05	6.83	2.9	1740	1.40	0.04	3.30	0.05	39.2	7.2	12	18.75	10.1	3.01
N812116		1.07	7.19	35.8	1150	1.30	0.24	3.80	4.79	43.0	7.1	8	16.10	22.5	3.61
N812117		0.10	7.10	4.7	2180	1.45	0.10	3.93	0.09	44.1	7.0	9	18.35	11.5	3.11
N812118		0.01	0.07	<5	20	0.06	0.01	21.6	0.07	1.27	0.9	<1	0.20	2.2	0.46
N812119		0.18	7.18	12.4	1590	1.71	0.40	3.77	0.15	46.5	7.0	8	15.70	8.4	2.90
N812120		0.24	7.46	17.6	910	1.66	0.14	1.89	0.56	41.8	7.7	9	20.1	6.7	2.91
N812121		0.09	7.82	5.9	1890	1.58	0.11	2.46	0.12	44.7	8.7	9	23.5	8.9	3.21
N812122		10.25	7.22	1940	190	1.49	6.10	2.03	48.2	45.2	16.6	20	18.55	117.0	5.55
N812123		0.11	7.33	7.4	1950	1.55	0.08	3.11	0.17	45.6	7.8	10	19.40	10.1	2.86
N812124		0.06	7.35	5.6	2110	1.44	0.08	2.84	0.15	45.8	7.7	10	19.90	7.7	2.99
N812125		0.06	7.19	4.7	1520	1.51	0.09	2.90	0.18	43.1	7.8	10	17.35	6.1	2.94
N812126		0.10	7.24	9.3	2140	1.45	0.19	3.03	0.36	47.5	7.6	8	16.10	9.8	2.94
N812127		0.08	7.61	5.4	1670	1.42	0.09	3.03	0.20	43.4	8.0	9	24.1	6.1	3.14
N812128		0.05	7.58	4.9	1460	1.45	0.09	2.74	0.19	42.2	8.1	9	23.9	6.2	3.00
N812129		0.10	7.27	8.2	2530	1.52	0.12	3.34	0.38	47.0	7.8	8	18.40	15.1	2.90
N812130		0.49	6.52	221	1340	1.42	0.14	3.53	2.55	42.1	7.5	9	16.40	11.9	2.82
N812131		0.20	7.53	55.7	1080	1.66	0.08	2.72	1.07	43.1	7.7	9	23.5	5.8	2.94
N812132		0.19	7.08	34.6	2030	1.47	0.07	4.22	1.19	50.6	8.0	9	16.55	15.7	2.98
N812133		0.09	6.88	4.8	3590	1.59	0.21	5.07	0.17	50.2	7.6	8	16.90	5.3	3.19
N812134		<0.01	0.08	<5	30	0.05	0.02	22.0	0.06	1.28	0.9	<1	0.20	1.6	0.47
N812135		0.05	6.82	8.1	1090	1.67	0.12	2.92	0.15	35.8	9.5	8	11.50	3.3	2.81
N812136		0.31	7.01	201	1130	1.68	0.10	2.47	0.38	43.3	7.7	8	17.05	11.8	2.57
N812137		0.09	7.23	38.4	1220	1.84	0.13	3.31	0.20	46.6	7.2	9	16.80	10.1	3.00
N812138		0.04	7.25	3.9	1800	1.70	0.21	3.26	0.11	38.4	7.3	10	20.2	2.0	3.11
N812139		0.05	7.71	2.7	2060	1.56	0.09	3.01	0.08	45.2	7.6	12	17.65	5.1	3.04
N812140		0.07	7.23	5.0	1750	1.56	0.06	2.80	0.13	38.8	7.5	10	22.7	6.2	2.90
N812141		0.15	7.40	11.4	1190	1.73	0.13	2.66	0.30	44.7	7.5	9	18.00	10.4	2.94

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176025\*\*

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





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To: ROCKHAVEN RESOURCES LTD.  
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LIMITED  
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Plus Appendix Pages  
Finalized Date: 11-SEP-2012  
Account: ROCKHA

Project: Klaza - 94

**CERTIFICATE OF ANALYSIS WH12210389**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
N812106		0.21	2.8	0.039	1.78	28.5	161.5	1.03	815	0.93	0.11	9.7	11.4	1230	15.2	66.3
N812107		0.18	1.4	0.040	2.80	21.2	51.0	0.67	1100	0.75	0.15	7.6	2.6	600	19.0	104.0
N812108		0.11	1.3	0.041	2.70	21.9	39.6	0.77	1020	0.83	0.98	8.0	3.2	620	15.5	114.0
N812109		0.11	1.3	0.036	2.71	28.3	12.9	0.71	760	0.81	2.15	8.1	2.8	610	15.6	105.5
N812110		0.11	1.2	0.039	2.61	28.1	42.6	0.80	714	0.99	1.80	8.1	2.9	630	17.8	92.8
N812111		0.12	1.4	1.010	2.87	22.7	23.2	0.71	2040	12.70	0.27	7.9	15.5	500	1390	153.0
N812112		0.10	1.2	0.034	2.48	19.1	66.9	0.69	828	0.69	0.99	7.7	2.7	580	20.2	89.0
N812113		0.11	1.3	0.038	2.70	23.4	45.7	0.88	1120	1.05	0.31	8.2	2.9	600	17.0	98.8
N812114		0.12	1.2	0.038	2.66	19.7	28.4	0.64	798	0.80	1.62	8.0	2.9	600	14.6	100.0
N812115		0.11	1.4	0.036	2.67	20.8	29.4	0.61	800	0.67	1.55	7.8	2.7	580	14.1	102.5
N812116		0.12	1.2	0.090	2.88	23.9	26.5	0.81	2960	0.33	0.20	7.7	2.9	600	164.5	132.0
N812117		0.12	1.2	0.045	2.86	24.3	28.9	0.79	1260	0.47	0.15	7.9	2.6	590	12.7	124.5
N812118		0.05	<0.1	<0.005	0.03	0.7	1.1	12.80	205	0.07	0.01	0.4	2.5	200	1.5	1.4
N812119		0.13	1.2	0.056	3.31	26.8	20.9	0.68	2000	0.24	0.11	7.6	2.5	580	13.5	171.0
N812120		0.11	1.3	0.049	3.04	22.6	71.5	0.68	1680	0.89	0.05	8.4	2.8	620	29.9	137.5
N812121		0.13	1.3	0.047	2.87	23.8	38.6	0.74	940	0.98	1.21	8.6	2.9	660	17.9	112.5
N812122		0.15	1.5	1.060	3.03	25.4	24.6	0.77	2150	13.35	0.28	8.3	16.5	540	1420	167.5
N812123		0.12	1.2	0.041	2.66	24.9	43.8	0.83	997	0.67	0.83	8.3	3.1	630	17.0	107.5
N812124		0.10	1.2	0.042	2.60	25.7	47.2	0.87	966	0.49	0.65	7.9	2.8	610	14.6	113.0
N812125		0.12	1.2	0.050	2.54	22.7	56.1	0.86	993	0.42	0.74	8.5	3.0	620	15.6	99.3
N812126		0.12	1.3	0.040	2.59	26.4	44.7	0.93	1190	0.68	0.05	8.2	2.7	590	13.1	123.5
N812127		0.11	1.5	0.039	2.52	23.7	44.6	0.79	1030	0.61	0.10	8.6	2.7	630	19.8	97.8
N812128		0.11	1.5	0.039	2.53	22.6	38.7	0.77	1010	0.75	0.06	8.9	2.8	620	17.4	105.0
N812129		0.12	1.4	0.039	2.41	26.5	93.0	0.94	1190	0.99	0.04	8.4	2.8	600	15.8	105.0
N812130		0.11	1.1	0.039	2.67	25.4	34.0	0.85	2750	0.86	0.03	7.1	2.6	520	104.5	140.5
N812131		0.11	1.3	0.044	2.96	23.0	74.4	0.69	1700	1.14	0.05	8.4	2.8	660	30.2	137.0
N812132		0.12	1.2	0.041	2.65	29.7	28.6	0.87	1800	2.35	0.04	7.9	3.2	610	53.4	136.5
N812133		0.13	1.2	0.061	2.63	29.7	35.0	1.12	1440	0.40	0.14	7.3	3.1	520	12.8	145.5
N812134		0.05	<0.1	<0.005	0.03	0.7	1.0	13.20	204	0.14	<0.01	0.4	2.5	180	1.3	1.6
N812135		0.12	1.3	0.046	2.68	19.6	44.3	0.72	1100	0.31	0.16	7.9	2.7	560	13.2	114.0
N812136		0.12	1.3	0.041	3.21	25.0	15.5	0.84	1970	0.53	0.03	7.5	2.8	500	75.1	178.5
N812137		0.13	1.4	0.043	2.95	27.2	20.8	1.04	1510	0.69	0.51	7.7	2.7	540	19.9	154.0
N812138		0.12	1.2	0.052	2.50	21.0	8.8	0.67	1020	0.39	2.03	8.1	2.9	600	18.2	100.5
N812139		0.12	1.2	0.040	2.63	24.5	9.2	0.90	771	0.82	1.98	7.8	2.9	620	16.8	108.0
N812140		0.11	1.3	0.044	2.68	20.8	42.0	0.79	831	0.89	1.11	8.5	2.7	620	19.6	105.0
N812141		0.12	1.2	0.038	2.63	25.3	64.0	0.90	1190	0.79	0.06	7.8	2.6	600	37.3	128.0

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176025\*\*

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



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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
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VANCOUVER BC V6B 1L8

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Plus Appendix Pages  
Finalized Date: 11-SEP-2012  
Account: ROCKHA

Project: Klaza - 94

**CERTIFICATE OF ANALYSIS WH12210389**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
N812106		<0.002	0.05	12.05	10.4	1	3.0	454	0.68	<0.05	9.7	0.365	0.88	2.5	81	2.7
N812107		<0.002	0.13	12.65	10.0	1	3.1	176.0	0.75	<0.05	13.1	0.240	1.54	4.0	68	2.4
N812108		<0.002	0.04	7.60	11.1	1	1.8	213	0.69	<0.05	9.8	0.275	1.51	4.6	76	1.2
N812109		<0.002	0.01	3.45	10.8	1	1.7	354	0.72	<0.05	11.6	0.279	1.11	3.5	78	1.7
N812110		<0.002	0.01	4.42	10.4	1	1.8	397	0.67	<0.05	12.0	0.282	1.05	3.5	78	1.1
N812111		<0.002	3.12	37.4	8.7	1	6.4	147.0	0.63	0.29	10.8	0.216	2.36	5.0	59	5.2
N812112		<0.002	0.03	6.01	9.8	1	2.1	287	0.64	<0.05	10.4	0.259	1.12	3.3	71	1.9
N812113		<0.002	0.07	12.45	10.4	1	2.6	195.0	0.72	<0.05	11.8	0.278	1.54	4.5	74	1.7
N812114		<0.002	0.01	6.16	9.8	1	1.9	323	0.66	<0.05	10.2	0.263	1.28	3.6	72	0.8
N812115		<0.002	0.01	6.04	9.9	1	1.8	306	0.69	<0.05	10.9	0.264	1.25	3.5	73	0.8
N812116		<0.002	0.51	24.3	10.3	1	3.0	161.0	0.64	<0.05	11.8	0.274	1.96	5.2	74	2.5
N812117		<0.002	0.07	11.40	10.6	1	3.0	191.5	0.71	<0.05	11.9	0.277	1.61	2.9	79	1.4
N812118		<0.002	<0.01	0.08	0.1	1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
N812119		<0.002	0.18	24.5	10.5	1	2.6	140.0	0.64	<0.05	12.0	0.268	2.09	4.3	75	1.9
N812120		<0.002	0.16	34.0	11.4	1	1.9	133.5	0.68	<0.05	11.1	0.290	2.03	4.0	77	1.5
N812121		<0.002	0.02	9.28	11.7	1	2.3	251	0.72	<0.05	11.6	0.298	1.35	2.5	84	1.5
N812122		<0.002	3.37	41.4	8.9	1	7.0	159.5	0.67	0.35	11.9	0.230	2.55	5.4	64	5.6
N812123		<0.002	0.04	11.30	11.5	1	2.2	240	0.68	<0.05	11.3	0.292	1.42	4.3	82	1.4
N812124		<0.002	0.05	11.70	11.0	1	2.2	220	0.64	<0.05	12.1	0.276	1.34	2.6	77	1.2
N812125		<0.002	0.03	11.05	11.1	1	2.0	200	0.70	<0.05	10.5	0.292	1.31	2.7	81	1.3
N812126		<0.002	0.09	17.00	10.8	1	2.4	133.0	0.70	<0.05	11.3	0.271	1.62	3.0	76	2.7
N812127		<0.002	0.04	14.70	11.5	1	2.1	146.0	0.80	<0.05	12.2	0.293	1.28	3.6	83	3.7
N812128		<0.002	0.03	13.55	11.2	1	2.1	129.0	0.79	<0.05	11.3	0.285	1.32	3.8	80	3.6
N812129		<0.002	0.07	17.20	11.0	1	2.9	185.0	0.72	<0.05	11.8	0.276	1.33	3.2	76	2.9
N812130		<0.002	0.63	23.6	9.8	1	2.3	132.0	0.58	<0.05	10.8	0.243	1.74	5.0	67	1.7
N812131		<0.002	0.21	17.65	12.1	1	2.1	146.0	0.71	<0.05	11.0	0.301	1.86	4.8	85	2.8
N812132		<0.002	0.24	13.20	11.3	1	3.2	135.5	0.64	<0.05	11.8	0.273	1.65	3.7	73	2.0
N812133		<0.002	0.10	16.65	10.5	1	2.3	189.0	0.64	<0.05	11.2	0.241	1.67	5.6	79	1.5
N812134		<0.002	<0.01	0.05	0.1	1	0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
N812135		<0.002	0.13	11.85	10.2	1	1.9	119.5	0.70	<0.05	10.8	0.262	1.64	3.7	72	1.1
N812136		<0.002	0.30	19.35	9.8	1	2.4	72.6	0.69	<0.05	12.9	0.237	2.12	9.4	67	1.4
N812137		<0.002	0.13	9.99	10.5	1	2.7	147.5	0.70	<0.05	13.1	0.249	1.87	7.2	70	1.3
N812138		<0.002	0.02	4.94	10.4	1	2.0	257	0.67	<0.05	9.9	0.283	1.25	3.6	82	1.0
N812139		<0.002	0.01	2.86	11.6	1	1.8	399	0.66	<0.05	11.9	0.283	1.03	4.3	82	1.2
N812140		<0.002	0.03	7.11	11.3	1	1.9	302	0.74	<0.05	10.0	0.288	1.33	3.9	84	2.0
N812141		<0.002	0.09	13.35	11.0	1	1.9	161.5	0.67	<0.05	11.7	0.268	1.71	5.0	75	2.1

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176025\*\*

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 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 11-SEP-2012  
 Account: ROCKHA

Project: Klaza - 94

**CERTIFICATE OF ANALYSIS WH12210389**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N812106		14.1	76	108.0
N812107		13.5	68	36.2
N812108		14.6	65	33.8
N812109		14.1	59	32.2
N812110		14.4	58	31.2
N812111		11.6	3100	42.7
N812112		12.7	64	30.3
N812113		15.0	68	34.4
N812114		13.3	56	32.2
N812115		13.7	56	33.9
N812116		15.6	597	30.0
N812117		14.4	67	31.8
N812118		0.9	16	<0.5
N812119		15.7	70	31.2
N812120		12.9	114	34.4
N812121		14.4	66	32.5
N812122		12.6	3200	44.1
N812123		14.8	73	32.2
N812124		14.4	73	30.6
N812125		14.6	76	31.6
N812126		16.0	85	32.6
N812127		15.9	73	36.2
N812128		15.1	70	37.2
N812129		16.7	95	36.5
N812130		16.0	183	29.8
N812131		15.0	134	34.4
N812132		16.5	128	31.5
N812133		20.2	80	31.4
N812134		0.9	15	<0.5
N812135		11.6	84	34.1
N812136		13.0	60	33.9
N812137		16.3	69	34.7
N812138		13.5	90	31.4
N812139		16.2	59	30.5
N812140		14.8	70	31.9
N812141		15.2	98	31.0

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176025\*\*

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



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Project: Klaza - 94

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 11-SEP-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12210389**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (2 ppm DL) REE's may not be totally soluble in this method.



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**CERTIFICATE WH12210470**

Project: Klaza-95

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12182334\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 2 (A)  
 Finalized Date: 9-SEP-2012  
 Account: ROCKHA

Project: Klaza-95

**CERTIFICATE OF ANALYSIS WH12210470**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N811307		<0.005
N811308		<0.005
N811309		0.008
N811310		<0.005
N811311		0.006
N811312		<0.005
N811313		<0.005
N811314		<0.005
N811315		<0.005
N811316		0.005
N811317		0.006
N811318		0.131
N811319		<0.005
N811320		<0.005
N811321		0.012
N811322		0.005
N811323		0.010
N811324		<0.005
N811325		0.005
N811326		0.029
N811327		<0.005
N811328		2.34
N811329		0.011
N811330		0.031
N811331		0.022
N811332		<0.005
N811333		0.031
N811334		0.377
N811335		0.012
N811336		4.51
N811337		0.006
N811338		0.202
N811339		0.012
N811340		<0.005
N811341		0.201
N811342		0.009

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12182334\*\*



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**CERTIFICATE WH12210471**

Project: Klaza-96

P.O. No.: Batch 6

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 2 (A)  
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 Account: ROCKHA

Project: Klaza-96

**CERTIFICATE OF ANALYSIS WH12210471**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M355066		0.035
M355067		0.053
M355068		2.25
M355069		0.171
M355070		<0.005
M355071		0.086
M355072		0.022
M355073		0.081
M355074		<0.005
M355075		0.057
M355076		0.037
M355077		0.013
M355078		0.017
M355079		0.112
M355080		0.025
M355081		0.015
M355082		0.801
M355083		0.009
M355084		<0.005
M355085		<0.005
M355086		<0.005
M355087		<0.005
M355088		0.007
M355089		<0.005
M355090		<0.005
M355091		<0.005
M355092		<0.005
M355093		<0.005
M355094		<0.005
M355095		<0.005





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Page: 1  
Finalized Date: 24-SEP-2012  
Account: ROCKHA

**CERTIFICATE WH12210741**

Project: Klaza-122

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 24-SEP-2012  
Account: ROCKHA

Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12210741**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359578		2.83	0.014	0.51	7.17	64.5	1780	1.22	0.40	2.00	0.93	44.6	7.9	7	19.10	23.0
M359579		0.26	4.48	>100	5.27	7300	1230	1.07	63.4	1.95	224	35.4	9.0	17	12.10	1265
M359580		2.16	<0.005	0.48	6.99	30.7	1340	1.34	0.41	2.68	3.68	43.8	7.1	8	20.6	18.0
M359581		2.28	<0.005	0.26	7.51	12.8	2160	1.40	0.30	2.68	0.59	44.8	6.8	10	12.90	18.8
M359582		2.53	2.42	37.0	6.43	1830	450	1.20	8.42	2.98	219	43.0	10.4	6	19.05	390
M359583		3.17	<0.005	0.02	0.06	<5	30	0.05	0.02	21.0	0.14	1.13	1.0	<1	0.16	1.6
M359584		3.03	<0.005	0.25	7.11	9.1	2230	1.50	0.39	2.91	0.30	46.6	8.5	8	16.25	32.7
M359585		7.08	<0.005	0.19	7.24	8.5	2390	1.40	0.33	2.51	0.37	48.6	7.4	10	10.65	21.0
M359586		<0.02	<0.005	0.16	7.39	6.9	2410	1.50	0.41	2.56	0.12	50.8	7.8	10	10.75	21.4
M359587		2.66	0.012	0.38	7.33	63.5	2220	1.34	0.55	2.51	0.15	46.3	8.5	10	13.90	24.4
M359588		3.91	<0.005	0.17	7.47	7.4	2460	1.36	0.67	2.49	0.14	47.9	7.1	12	13.05	24.5
M359589		3.82	<0.005	0.13	7.66	8.3	2510	1.44	0.42	2.76	0.15	49.1	7.8	11	8.81	10.7
M359590		2.00	<0.005	0.10	7.68	7.2	2520	1.47	0.30	2.78	0.11	50.1	7.6	10	8.95	10.1
M359591		4.02	<0.005	0.20	7.64	11.6	2680	1.42	0.38	2.35	0.15	49.7	7.3	12	11.55	19.6
M359592		4.76	<0.005	0.09	7.35	7.9	2190	1.41	0.24	2.83	0.12	50.0	9.1	10	11.10	7.5
M359593		8.80	<0.005	0.10	7.70	7.7	2420	1.53	0.21	2.62	0.11	52.3	7.5	11	8.57	9.9
M359594		8.85	<0.005	0.11	7.27	8.7	2210	1.47	0.24	2.66	0.10	48.5	7.1	10	8.83	10.0
M359595		5.19	<0.005	0.20	7.38	7.0	2260	1.47	0.19	2.79	0.15	47.8	7.4	10	10.35	11.3
M359596		2.43	<0.005	0.11	7.76	6.1	2250	1.38	0.19	2.26	0.14	52.3	6.3	8	11.55	7.9
M359597		3.92	<0.005	0.62	7.92	14.1	2390	1.17	0.31	1.15	1.08	57.1	6.4	8	14.45	15.1
M359598		2.48	<0.005	0.01	0.06	<5	30	0.06	0.02	21.1	0.06	1.10	1.1	<1	0.12	1.3
M359599		5.12	<0.005	0.25	7.49	24.8	1940	2.02	0.21	2.09	0.27	65.0	6.4	14	22.7	9.2
M359600		8.11	<0.005	0.22	7.48	14.9	1430	1.93	0.16	2.18	0.25	63.0	5.6	12	24.8	6.7
M359601		0.26	2.31	24.1	5.88	3500	1420	1.24	20.1	2.20	77.7	46.2	10.7	18	15.20	440
M359602		4.57	<0.005	0.35	7.74	41.5	1940	1.89	0.39	1.84	0.57	68.1	6.2	13	29.3	16.6
M359603		4.59	2.09	20.3	5.94	736	1800	1.24	2.05	1.75	96.3	52.2	32.1	6	8.58	277
M359604		2.90	0.506	9.41	6.66	1260	1480	1.58	2.07	1.81	17.50	43.7	6.9	9	11.45	98.0
M359605		4.22	<0.005	0.41	7.31	48.7	1750	1.70	0.24	2.13	0.63	58.2	6.8	29	29.2	19.2
M359606		7.89	<0.005	0.08	7.02	14.9	900	1.87	0.08	2.93	0.09	51.2	5.6	23	35.7	8.6
M359607		8.71	<0.005	0.07	7.34	12.0	930	2.08	0.05	2.46	0.07	53.6	5.7	23	34.6	7.7
M359608		8.16	<0.005	0.09	6.77	12.1	610	1.89	0.07	3.51	0.07	47.8	5.8	24	31.9	7.2
M359609		4.04	0.012	1.05	7.79	96.0	2210	1.46	0.31	1.48	2.09	50.2	7.3	8	20.4	16.4
M359610		3.89	0.019	1.86	7.00	136.5	1850	1.59	0.39	2.29	5.32	45.4	8.8	8	18.90	22.3
M359611		5.14	<0.005	0.21	7.17	17.0	2140	1.64	0.27	2.38	0.22	46.0	6.6	9	15.45	8.4
M359612		4.00	<0.005	0.30	7.43	36.0	2120	1.71	0.23	2.68	0.25	50.3	6.8	9	17.85	12.9
M359613		3.08	0.015	0.63	7.19	84.7	1950	1.58	0.45	2.57	2.31	45.9	7.9	9	16.60	13.6



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Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12210741**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359578		3.22	17.30	0.15	1.2	0.052	2.62	21.9	130.0	0.62	1030	4.37	0.80	8.6	2.8	700
M359579		7.81	13.55	0.19	1.1	4.70	2.30	18.2	27.2	0.62	3120	15.20	0.08	5.8	13.9	440
M359580		3.12	17.00	0.14	1.1	0.451	2.79	21.5	71.5	0.77	1300	12.05	0.77	8.3	2.9	590
M359581		3.19	17.65	0.16	1.1	0.077	2.85	21.9	14.8	0.75	963	2.60	1.91	8.8	2.9	630
M359582		4.75	15.50	0.15	0.9	3.35	2.65	22.4	33.3	0.79	2340	2.81	0.23	6.7	2.1	500
M359583		0.47	0.27	0.09	<0.1	<0.005	0.03	0.6	1.0	12.70	218	0.10	0.01	0.3	3.2	170
M359584		3.06	18.25	0.15	1.3	0.062	2.76	21.8	13.6	0.73	1280	2.02	1.97	8.7	2.8	580
M359585		2.99	17.65	0.18	1.2	0.048	2.66	23.7	14.9	0.86	647	3.18	2.41	8.9	2.7	600
M359586		3.06	18.20	0.18	1.2	0.048	2.66	24.5	14.8	0.88	666	3.22	2.48	9.2	2.9	620
M359587		3.09	17.40	0.16	1.2	0.071	2.93	23.1	13.1	0.70	750	2.77	1.88	8.6	2.8	570
M359588		2.95	17.55	0.15	1.2	0.062	2.81	24.4	17.3	0.72	776	2.19	1.83	8.5	2.6	590
M359589		3.10	18.10	0.17	1.3	0.043	2.67	24.3	12.6	0.87	622	2.43	2.50	9.0	2.9	630
M359590		3.06	18.75	0.18	1.2	0.046	2.72	24.9	12.8	0.86	622	1.94	2.52	9.0	3.1	620
M359591		3.15	18.10	0.17	1.3	0.064	2.75	24.9	16.2	0.64	772	2.03	1.82	8.9	2.8	630
M359592		2.87	17.25	0.16	1.4	0.042	2.64	25.1	14.2	0.70	589	1.68	2.22	8.9	2.8	580
M359593		2.97	17.85	0.18	1.3	0.038	2.73	26.8	15.4	0.85	586	1.44	2.53	9.1	2.7	600
M359594		2.90	17.70	0.17	1.3	0.040	2.74	23.5	13.1	0.74	627	1.23	2.40	8.8	2.7	580
M359595		2.93	17.55	0.16	1.4	0.046	2.78	23.4	11.0	0.72	617	1.21	2.28	9.1	2.7	590
M359596		2.95	17.80	0.16	1.3	0.045	2.91	26.8	23.5	0.69	608	0.98	1.71	8.8	2.5	600
M359597		2.89	17.75	0.16	1.4	0.056	2.87	30.3	46.3	0.62	559	1.32	0.34	8.8	2.5	620
M359598		0.45	0.28	0.14	<0.1	<0.005	0.02	0.5	0.8	12.75	201	0.13	0.01	0.3	3.4	190
M359599		2.44	21.1	0.19	4.3	0.029	2.26	33.1	97.6	0.82	555	2.38	0.06	11.4	5.6	1040
M359600		2.33	21.1	0.18	3.7	0.028	2.36	32.4	70.7	0.85	538	2.01	0.06	11.4	5.3	970
M359601		6.53	15.20	0.18	1.0	1.720	2.67	25.4	21.5	0.90	1890	13.30	0.04	6.3	15.9	440
M359602		2.49	20.0	0.14	4.0	0.049	2.60	36.0	106.0	0.78	897	1.87	0.06	10.8	4.7	990
M359603		6.18	14.75	0.19	0.9	0.320	2.99	28.0	12.1	0.68	1500	68.8	0.03	5.6	3.3	440
M359604		4.06	16.35	0.16	1.4	0.175	3.17	22.6	18.7	0.70	2080	6.02	0.04	7.5	5.1	550
M359605		2.36	20.1	0.15	4.6	0.028	2.38	29.5	219	0.84	757	1.99	0.07	10.4	19.6	880
M359606		2.14	20.0	0.15	3.5	0.024	2.75	26.0	77.8	0.94	469	0.57	0.06	9.7	17.6	700
M359607		2.16	21.0	0.15	3.5	0.030	2.77	26.6	68.7	0.82	454	0.59	0.06	10.0	16.4	750
M359608		2.32	20.1	0.15	3.7	0.028	2.69	23.7	44.1	0.97	493	0.57	0.39	9.6	19.7	700
M359609		2.95	17.75	0.16	1.3	0.054	3.41	25.7	41.7	0.56	409	3.01	0.77	8.6	4.0	610
M359610		2.96	17.15	0.18	1.2	0.077	3.54	22.2	25.3	0.64	1190	1.64	0.85	8.3	2.7	560
M359611		2.97	17.55	0.16	1.3	0.072	2.94	22.4	13.7	0.67	786	1.54	2.08	8.6	3.2	580
M359612		2.92	17.95	0.17	1.4	0.048	2.83	24.2	24.1	0.74	717	1.08	2.10	9.2	2.8	600
M359613		2.95	17.20	0.16	1.3	0.070	2.91	22.4	24.8	0.74	1150	1.11	1.69	8.5	2.8	570



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**CERTIFICATE OF ANALYSIS WH12210741**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M359578		75.9	116.0	<0.002	0.14	20.3	10.5	1	2.8	260	0.69	<0.05	9.2	0.289	2.9
M359579		9420	139.0	<0.002	6.96	215	7.1	2	8.7	128.0	0.46	0.51	9.4	0.185	5.8
M359580		135.0	124.0	<0.002	0.21	11.15	10.4	1	3.3	251	0.64	<0.05	9.0	0.266	4.2
M359581		48.0	120.0	<0.002	0.06	3.17	11.9	2	2.5	409	0.65	<0.05	10.0	0.280	3.3
M359582		>10000	137.0	<0.002	3.76	50.7	9.2	3	4.9	169.5	0.52	0.29	10.6	0.223	4.3
M359583		5.2	1.5	<0.002	<0.01	0.07	0.1	1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	0.6
M359584		20.0	113.0	<0.002	0.08	2.49	10.1	1	2.8	364	0.74	<0.05	10.1	0.261	3.3
M359585		30.0	105.5	<0.002	0.02	1.24	11.1	2	2.4	446	0.73	<0.05	11.6	0.267	3.9
M359586		16.1	105.5	<0.002	0.02	1.18	11.4	2	2.4	458	0.76	<0.05	11.9	0.271	4.0
M359587		18.1	126.5	<0.002	0.40	3.20	10.5	1	2.1	351	0.70	0.06	11.5	0.259	3.6
M359588		16.6	119.0	<0.002	0.07	3.77	11.0	2	2.1	335	0.67	<0.05	11.8	0.264	3.4
M359589		17.8	101.5	<0.002	0.02	1.04	11.8	2	2.2	458	0.70	<0.05	11.6	0.278	3.6
M359590		16.7	102.5	<0.002	0.01	1.04	11.8	2	2.2	463	0.70	<0.05	11.6	0.277	3.4
M359591		20.3	116.5	<0.002	0.08	8.01	12.0	1	2.1	327	0.71	0.05	11.8	0.278	3.6
M359592		16.1	110.0	<0.002	0.08	1.53	11.1	2	2.0	386	0.77	<0.05	12.7	0.261	4.2
M359593		16.2	109.5	<0.002	0.02	1.14	11.4	2	2.1	453	0.77	<0.05	13.0	0.267	4.4
M359594		16.3	107.0	<0.002	0.03	1.81	10.8	2	2.1	386	0.75	<0.05	11.8	0.261	3.8
M359595		38.2	107.5	<0.002	0.04	2.06	10.6	1	2.2	383	0.82	<0.05	12.1	0.261	4.2
M359596		15.6	116.0	<0.002	0.02	5.85	11.1	1	2.4	325	0.75	<0.05	12.8	0.268	3.6
M359597		416	125.0	<0.002	0.10	14.35	11.5	1	2.5	148.0	0.77	<0.05	15.0	0.274	4.0
M359598		1.6	1.0	<0.002	<0.01	<0.05	0.1	1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	0.4
M359599		31.4	69.4	<0.002	0.09	17.35	5.3	1	1.5	331	0.86	<0.05	9.6	0.318	4.2
M359600		26.4	78.1	<0.002	0.05	12.65	5.1	1	1.5	301	0.84	<0.05	9.6	0.305	3.7
M359601		2800	167.0	<0.002	4.81	88.0	8.0	2	8.1	97.0	0.50	0.39	10.7	0.182	5.4
M359602		34.5	106.5	<0.002	0.21	17.50	7.4	1	1.9	363	0.78	<0.05	11.3	0.319	4.9
M359603		259	225	0.002	6.31	39.3	8.8	2	6.1	83.7	0.51	1.02	9.6	0.181	10.2
M359604		477	213	<0.002	3.17	27.2	9.6	1	4.2	139.0	0.64	0.32	10.5	0.222	8.0
M359605		23.6	74.8	<0.002	0.14	12.05	6.5	1	1.7	625	0.83	<0.05	10.2	0.304	4.7
M359606		16.0	95.0	<0.002	0.02	5.86	6.2	1	1.4	750	0.78	<0.05	9.4	0.273	3.6
M359607		14.0	95.8	<0.002	0.02	8.29	6.5	1	1.5	542	0.84	<0.05	9.8	0.287	2.9
M359608		14.3	82.0	<0.002	0.01	6.68	6.0	1	1.5	548	0.80	<0.05	8.8	0.272	3.5
M359609		89.7	157.0	<0.002	0.27	8.76	11.5	1	2.1	219	0.73	<0.05	14.8	0.269	6.4
M359610		216	150.0	<0.002	0.37	10.40	10.6	1	1.9	249	0.71	<0.05	12.0	0.254	3.5
M359611		21.9	125.0	<0.002	0.09	4.05	10.8	1	2.0	348	0.75	<0.05	12.0	0.261	4.0
M359612		22.1	116.0	<0.002	0.05	3.03	11.3	2	1.9	380	0.86	<0.05	12.2	0.270	4.3
M359613		66.2	122.5	<0.002	0.24	5.26	10.7	2	1.8	329	0.74	<0.05	12.3	0.254	4.1



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**CERTIFICATE OF ANALYSIS WH12210741**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M359578		70	3.6	16.0	138	34.5	<1		
M359579		52	4.5	9.8	>10000	33.5	121		1.590
M359580		71	3.9	15.8	485	30.3	<1		
M359581		75	2.7	16.6	112	29.8	<1		
M359582		63	6.4	15.8	>10000	23.5	40	1.110	2.52
M359583		2	0.1	0.8	40	<0.5	<1		
M359584		70	3.8	16.7	63	33.2	<1		
M359585		72	1.4	18.6	80	31.5	<1		
M359586		73	1.6	18.9	48	32.5	<1		
M359587		69	2.1	16.1	52	31.0	<1		
M359588		70	1.5	16.8	51	33.6	<1		
M359589		74	1.0	18.5	47	35.4	<1		
M359590		74	0.9	18.3	44	33.0	<1		
M359591		75	1.3	17.8	54	34.7	<1		
M359592		68	1.1	17.7	44	36.5	<1		
M359593		71	1.0	19.2	43	33.4	<1		
M359594		70	1.1	17.1	45	33.1	<1		
M359595		69	1.1	17.7	60	35.9	<1		
M359596		71	1.6	18.0	51	32.9	<1		
M359597		72	3.5	16.7	135	38.5	<1		
M359598		2	0.1	0.8	16	<0.5	<1		
M359599		51	1.9	10.8	109	149.5	<1		
M359600		49	2.5	9.8	124	130.5	<1		
M359601		57	5.4	11.0	5430	27.6	24		
M359602		60	2.8	12.7	127	148.0	<1		
M359603		59	4.3	9.5	>10000	24.1	18		1.035
M359604		58	3.6	11.0	1480	40.8	10		
M359605		58	2.1	12.0	106	166.0	<1		
M359606		51	1.5	11.7	57	122.0	<1		
M359607		52	2.5	12.0	59	111.5	<1		
M359608		52	1.6	11.4	52	127.5	<1		
M359609		70	2.8	14.9	183	33.6	<1		
M359610		67	3.2	15.0	361	30.7	1		
M359611		69	1.7	16.5	56	30.8	<1		
M359612		71	1.6	18.4	53	33.8	<1		
M359613		67	1.9	16.9	167	33.7	<1		



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**CERTIFICATE OF ANALYSIS WH12210741**

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



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**CERTIFICATE WH12210742**

Project: Klaza-122

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12210742**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
M359614		3.10	<0.005		0.22	7.51	29.4	2230	1.54	0.19	2.74	0.24	44.8	7.5	7	12.15
M359615		0.25	2.20		24.9	5.70	2650	820	1.29	17.95	2.15	77.6	39.5	10.8	17	13.70
M359616		7.45	<0.005		0.25	6.60	27.3	2140	1.44	0.30	2.87	0.60	38.6	6.4	7	11.15
M359617		2.88	0.005		0.48	6.93	84.2	2310	1.48	0.31	2.67	0.50	42.6	7.2	7	14.50
M359618		3.57	0.134		3.95	6.82	398	1450	1.81	0.69	2.60	10.10	44.9	5.6	15	21.0
M359619		3.64	<0.005		0.06	0.06	<5	20	0.06	0.03	21.4	0.06	1.19	0.6	<1	0.34
M359620		2.16	<0.005		0.10	7.40	8.1	2380	1.51	0.20	2.67	0.13	50.4	7.5	7	7.60
M359621		2.49	<0.005		0.11	7.44	10.8	2410	1.53	0.17	2.58	0.12	52.6	7.0	10	6.98
M359622		3.92	0.136		0.18	7.11	13.1	2320	1.45	0.30	2.60	0.11	45.9	9.1	7	11.55
M359623		2.55	0.009		0.25	7.26	92.8	1450	1.49	0.16	2.20	0.12	47.5	7.1	7	22.4
M359624		5.11	<0.005		0.10	7.14	5.7	2330	1.61	0.17	2.41	0.11	53.4	7.3	8	8.18
M359625		0.26	4.75		>100	5.46	6660	940	1.22	69.4	2.02	231	35.0	10.2	17	12.00
M359626		4.75	0.008		0.47	6.79	12.3	1970	1.36	0.31	2.64	1.05	41.2	6.3	10	12.30
M359627		4.51	<0.005		0.18	7.11	5.0	2200	1.49	0.18	2.69	0.12	47.3	7.2	10	11.80
M359628		2.27	0.602		7.09	6.66	1695	440	1.37	2.02	2.09	63.8	46.2	9.9	6	16.45
M359629		4.50	<0.005		0.20	0.06	<5	40	0.06	0.02	21.2	0.11	1.11	0.6	<1	0.24
M359630		3.15	<0.005		0.13	6.84	7.1	2150	1.57	0.20	2.63	0.22	43.2	6.5	7	14.90
M359631		6.28	<0.005		0.15	7.32	9.9	2180	1.34	0.16	1.96	0.10	45.7	6.9	6	16.10
M359632		2.76	0.012		0.38	6.93	31.5	1600	1.53	0.47	1.99	1.28	47.6	7.4	6	24.4
M359633		6.52	<0.005		0.16	7.36	7.8	2260	1.47	1.08	2.82	0.14	45.7	9.2	8	15.35
M359634		<0.02	<0.005		0.24	7.19	9.6	2250	1.48	1.15	2.75	0.22	48.9	9.5	10	15.90
M359635		7.04	<0.005		0.12	7.21	7.8	2270	1.63	0.54	2.63	0.10	48.5	7.8	8	12.20
M359636		7.70	0.007		0.27	7.03	12.6	2330	1.64	0.57	2.73	0.11	46.6	7.8	10	15.25
M359637		2.96	<0.005		0.14	7.24	4.8	2250	1.50	1.02	2.49	0.12	50.3	5.5	8	11.15
M359638		2.58	0.014		0.75	6.99	62.5	1490	1.64	0.53	2.80	0.34	48.2	6.7	6	28.0
M359639		2.97	0.018		0.59	6.98	49.9	1430	1.42	0.67	2.70	0.27	44.1	6.8	6	27.7
M359640		4.03	<0.005		0.34	7.49	7.9	2150	1.64	0.46	2.33	0.12	47.9	7.1	8	16.65
M359641		1.64	<0.005		0.23	7.03	8.9	2040	1.51	0.45	2.50	0.12	42.5	6.4	7	16.60
M359642		5.27	0.010		0.20	6.84	16.2	1930	1.36	0.38	2.65	0.12	41.4	5.7	8	18.20
M359643		2.42	0.065		0.44	7.17	166.0	1970	1.70	0.34	2.57	1.12	46.9	6.4	7	26.0
M359644		2.94	0.031		2.01	6.76	95.6	1820	1.55	0.27	2.55	16.45	45.6	5.3	7	20.3
M359645		3.13	0.281		5.38	6.90	1400	340	1.49	0.37	2.42	18.50	44.9	6.5	5	15.65
M359646		3.28	0.915		17.20	6.32	5200	580	1.29	0.26	2.01	47.7	42.6	6.2	5	12.00
M359647		2.56	<0.005		3.10	6.92	480	1350	1.51	0.20	3.04	18.30	46.1	7.0	5	16.35
M359648		2.75	>10.0	15.90	>100	3.27	>10000	110	0.68	4.57	1.09	524	19.80	3.1	6	4.50
M359649		2.38	0.108		2.46	7.13	1030	1120	1.61	0.83	2.27	3.64	49.0	6.8	7	17.90





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Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12210742**

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
M359614		10.8	3.23	17.85	0.12	1.4	0.050	2.69	22.1	16.2	0.84	645	1.80	2.43	8.4	2.6
M359615		421	6.41	14.35	0.15	1.0	1.625	2.56	21.0	22.8	0.89	1820	12.30	0.04	5.7	14.6
M359616		9.4	2.71	15.15	0.12	1.2	0.046	2.49	18.1	18.2	0.69	598	1.54	2.09	7.0	2.2
M359617		18.2	2.77	16.20	0.12	1.1	0.044	2.62	20.6	10.6	0.66	611	1.18	2.23	7.4	2.3
M359618		33.4	2.74	16.80	0.15	2.2	0.090	2.99	23.8	50.5	0.65	1360	1.34	0.59	7.6	8.0
M359619		1.3	0.46	0.21	0.14	<0.1	0.011	0.03	0.6	1.1	12.90	201	0.08	0.01	0.1	1.9
M359620		12.3	3.03	17.80	0.16	1.3	0.045	2.66	24.6	14.1	0.87	625	1.17	2.42	8.4	2.3
M359621		10.9	2.92	16.90	0.14	1.3	0.049	2.83	26.5	12.3	0.82	582	1.20	2.36	7.8	3.0
M359622		69.8	3.12	17.05	0.14	1.4	0.076	3.02	22.8	12.4	0.71	654	1.59	1.95	7.5	2.4
M359623		12.2	2.66	17.10	0.15	1.4	0.051	3.13	22.9	41.9	0.63	857	2.04	0.69	8.1	2.3
M359624		13.2	2.83	17.70	0.16	1.4	0.045	2.70	27.3	15.7	0.83	572	2.59	2.33	8.4	2.3
M359625		1290	8.19	14.65	0.14	1.2	4.75	2.35	17.2	33.1	0.65	3120	16.10	0.08	5.8	14.7
M359626		24.7	2.72	15.90	0.13	1.4	0.066	2.89	19.9	18.4	0.71	665	2.20	1.65	7.4	2.1
M359627		17.1	2.82	17.55	0.14	1.3	0.053	2.82	22.7	10.0	0.74	612	3.36	2.18	7.9	2.3
M359628		57.9	4.01	15.75	0.14	1.3	0.225	3.24	25.1	93.1	0.60	1940	3.07	0.34	6.9	2.2
M359629		1.9	0.48	0.19	0.10	<0.1	0.010	0.02	0.5	1.2	12.95	204	0.11	0.01	0.2	1.7
M359630		11.5	2.78	16.10	0.14	1.5	0.048	2.74	21.4	10.1	0.71	605	2.36	2.08	7.8	2.3
M359631		15.3	2.76	16.20	0.14	1.3	0.042	2.75	23.3	33.1	0.72	546	3.39	1.04	7.6	2.1
M359632		28.1	2.69	16.05	0.14	1.2	0.108	2.64	24.6	77.9	0.71	1050	3.18	0.26	7.3	2.1
M359633		21.8	3.12	17.00	0.12	1.4	0.048	2.62	22.1	24.8	0.84	648	2.87	2.17	8.2	2.3
M359634		22.1	2.97	17.25	0.14	1.3	0.052	2.66	24.4	23.4	0.78	614	2.90	2.10	8.5	2.5
M359635		13.1	2.82	17.25	0.13	1.3	0.047	2.69	24.3	18.4	0.75	567	1.60	2.30	8.0	2.3
M359636		45.0	2.88	16.70	0.13	1.3	0.057	2.89	22.9	11.7	0.70	619	1.74	2.14	8.0	2.5
M359637		12.8	2.82	16.80	0.13	1.2	0.053	2.92	24.4	16.4	0.72	611	1.78	2.27	7.7	2.3
M359638		17.5	3.25	17.00	0.15	1.1	0.073	3.33	24.5	47.5	0.79	1550	1.55	0.47	8.1	2.4
M359639		12.6	2.98	16.35	0.13	1.1	0.049	2.86	22.1	33.4	0.69	904	1.42	0.98	7.7	2.4
M359640		36.2	3.24	17.40	0.14	1.2	0.072	3.03	24.2	23.7	0.75	601	1.74	1.51	7.8	2.7
M359641		21.3	2.74	16.95	0.15	1.1	0.056	3.00	20.4	21.9	0.71	621	1.32	1.62	7.5	2.3
M359642		16.3	2.90	16.25	0.12	1.0	0.060	3.16	20.3	33.6	0.73	788	1.38	1.42	7.5	2.3
M359643		7.3	2.89	17.70	0.13	1.2	0.058	3.23	22.8	37.7	0.70	1180	1.53	1.15	8.1	2.3
M359644		14.7	3.08	16.35	0.15	1.2	0.052	3.35	22.4	39.5	0.78	1490	1.51	0.94	8.3	2.2
M359645		29.8	3.31	16.50	0.14	1.1	0.077	3.09	22.8	13.4	0.82	3510	2.13	0.02	7.0	2.1
M359646		57.2	3.99	14.95	0.13	1.1	0.209	3.00	20.3	15.2	0.68	2550	1.58	0.02	6.5	2.1
M359647		44.8	2.84	16.05	0.13	1.2	0.133	2.50	23.9	173.5	1.04	1940	1.87	0.02	7.3	2.1
M359648		2080	8.65	10.35	0.10	0.5	5.65	1.53	8.7	20.3	0.38	1700	1.01	0.01	3.2	1.5
M359649		33.8	2.81	17.00	0.14	1.1	0.094	3.30	25.8	34.6	0.75	1440	1.44	0.38	7.4	2.3



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Account: ROCKHA

Project: Klaza-122

**CERTIFICATE OF ANALYSIS WH12210742**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.2	% 0.005	ppm 0.02
M359614		640	24.8	98.8	<0.002	0.07	1.67	10.8	1	1.7	408	0.62	<0.05	11.4	0.280	1.17
M359615		420	2800	156.0	<0.002	4.59	86.2	8.0	<1	7.6	84.6	0.41	0.32	9.4	0.172	2.20
M359616		520	41.1	83.5	<0.002	0.05	1.66	9.0	<1	1.8	365	0.54	<0.05	10.6	0.230	0.98
M359617		540	32.1	96.4	<0.002	0.08	2.25	9.9	1	1.7	380	0.55	<0.05	11.8	0.243	1.14
M359618		530	458	137.0	<0.002	0.85	13.15	8.4	1	2.2	289	0.54	0.08	11.0	0.239	1.95
M359619		170	1.5	1.7	<0.002	<0.01	0.11	0.3	<1	<0.2	39.3	<0.05	<0.05	<0.2	<0.005	0.03
M359620		600	17.1	95.1	<0.002	0.02	1.11	11.5	1	2.1	406	0.59	<0.05	13.0	0.265	1.13
M359621		580	15.8	107.5	<0.002	0.03	1.12	11.0	1	1.7	395	0.58	<0.05	13.4	0.254	1.12
M359622		550	14.5	118.0	<0.002	0.30	4.59	10.3	1	1.8	330	0.55	0.07	11.8	0.243	1.52
M359623		580	14.6	130.0	<0.002	0.11	8.83	10.5	1	2.2	199.0	0.62	<0.05	12.2	0.256	2.03
M359624		570	16.3	108.0	<0.002	0.01	1.21	11.2	1	1.9	407	0.60	<0.05	13.0	0.251	1.12
M359625		460	10000	141.5	<0.002	7.11	222	8.2	2	9.1	126.0	0.41	0.42	8.7	0.185	2.21
M359626		540	24.2	99.3	<0.002	0.06	2.48	9.2	1	1.8	319	0.60	<0.05	10.9	0.236	1.43
M359627		550	16.8	111.5	<0.002	0.03	1.64	10.5	1	2.0	360	0.60	<0.05	11.6	0.244	1.25
M359628		490	474	174.0	0.002	2.01	33.7	9.6	1	2.4	167.0	0.54	0.13	12.0	0.219	2.30
M359629		170	2.1	1.3	<0.002	<0.01	0.13	0.2	<1	<0.2	44.7	<0.05	<0.05	<0.2	<0.005	0.03
M359630		550	17.3	111.0	<0.002	0.03	2.25	10.1	1	1.7	348	0.65	<0.05	11.9	0.244	1.30
M359631		560	18.4	105.0	<0.002	0.07	4.39	10.0	1	2.0	270	0.57	<0.05	12.1	0.245	1.34
M359632		520	44.2	117.0	<0.002	0.28	15.05	11.1	1	3.1	222	0.52	<0.05	12.3	0.238	1.73
M359633		630	17.8	99.3	0.002	0.10	1.56	11.9	1	2.3	385	0.61	<0.05	11.8	0.279	1.19
M359634		580	19.5	103.0	<0.002	0.10	1.51	11.7	1	2.3	373	0.59	<0.05	12.6	0.267	1.10
M359635		570	16.7	100.0	<0.002	0.04	1.10	11.0	1	1.9	389	0.60	<0.05	12.5	0.258	1.10
M359636		550	16.0	108.0	<0.002	0.06	1.93	10.3	1	2.0	364	0.63	0.11	11.7	0.244	1.23
M359637		570	17.0	118.0	0.002	0.02	2.22	10.7	1	2.2	396	0.57	0.06	13.0	0.251	1.32
M359638		560	21.6	150.5	<0.002	1.04	11.95	11.4	1	2.5	212	0.54	<0.05	11.5	0.256	2.54
M359639		580	33.6	122.5	<0.002	0.41	7.57	11.0	1	2.5	293	0.55	<0.05	10.5	0.260	2.03
M359640		600	16.0	125.0	<0.002	0.05	4.09	11.5	1	2.2	323	0.54	<0.05	12.4	0.260	1.65
M359641		570	15.3	115.0	<0.002	0.05	3.79	10.2	1	2.1	319	0.53	<0.05	10.0	0.253	1.54
M359642		550	14.4	126.5	<0.002	0.08	5.44	10.0	<1	2.0	284	0.49	0.07	9.9	0.250	1.75
M359643		600	41.9	132.5	<0.002	0.42	7.65	11.2	1	2.3	287	0.58	<0.05	11.0	0.264	2.01
M359644		530	411	158.5	<0.002	0.43	8.51	10.4	1	2.9	246	0.63	<0.05	11.2	0.242	2.35
M359645		490	702	191.5	<0.002	2.56	35.5	9.9	1	3.2	111.5	0.48	<0.05	10.3	0.216	3.00
M359646		460	2430	183.5	<0.002	3.21	82.3	9.5	<1	5.8	112.5	0.47	<0.05	10.8	0.209	2.82
M359647		540	525	115.5	<0.002	1.15	18.80	10.2	1	6.0	242	0.53	<0.05	12.4	0.236	2.26
M359648		220	>10000	117.0	<0.002	>10.0	597	4.7	1	21.6	36.1	0.26	<0.05	5.4	0.098	1.59
M359649		530	206	164.5	<0.002	0.87	17.10	10.5	1	2.5	176.0	0.54	<0.05	13.3	0.235	2.75



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**CERTIFICATE OF ANALYSIS WH12210742**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M359614		3.8	75	1.0	16.6	61	34.6	<1		
M359615		4.5	54	5.0	9.4	5170	24.0	25		
M359616		3.3	63	2.3	14.4	71	24.5	<1		
M359617		3.3	65	3.0	14.8	75	24.5	<1		
M359618		3.4	57	2.7	12.4	746	67.1	4		
M359619		0.4	1	0.1	0.9	13	<0.5	<1		
M359620		3.8	72	2.0	19.0	43	28.3	<1		
M359621		3.7	68	2.1	17.2	40	29.2	<1		
M359622		3.5	66	4.1	15.8	45	29.8	<1		
M359623		4.0	69	3.4	14.9	37	29.5	<1		
M359624		3.8	68	1.3	17.8	41	30.7	<1		
M359625		4.9	52	4.5	9.8	>10000	32.5	120	0.980	1.575
M359626		3.3	63	2.4	14.0	95	28.4	1		
M359627		3.6	66	1.4	16.2	42	28.6	<1		
M359628		4.5	59	2.5	13.7	4440	27.1	7		
M359629		0.5	1	0.1	0.7	19	<0.5	<1		
M359630		3.9	65	1.2	15.5	47	30.7	<1		
M359631		3.7	67	3.5	14.2	39	27.5	1		
M359632		2.8	68	5.9	15.5	169	26.1	<1		
M359633		3.5	81	8.2	18.2	46	27.3	<1		
M359634		3.5	74	7.8	17.6	48	27.3	<1		
M359635		3.6	70	2.0	16.4	41	26.9	<1		
M359636		4.0	67	1.5	15.8	41	28.9	1		
M359637		3.7	67	2.7	15.5	43	24.3	<1		
M359638		3.4	67	3.3	15.6	48	23.9	1		
M359639		2.8	71	3.5	14.5	51	22.3	1		
M359640		3.2	70	3.1	15.8	44	26.3	1		
M359641		2.8	67	2.4	14.1	45	23.9	1		
M359642		2.8	67	3.3	13.4	48	23.7	<1		
M359643		3.4	71	3.5	15.5	96	26.4	1		
M359644		3.9	64	2.6	16.6	842	31.9	2		
M359645		3.5	57	4.6	11.5	1300	25.7	6		
M359646		2.6	57	5.1	10.5	3360	23.7	18		
M359647		3.7	62	4.7	13.3	1160	28.0	4		
M359648		2.3	28	2.5	5.2	>10000	12.2	333	3.86	4.07
M359649		3.9	63	4.4	13.8	323	24.8	1		



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**CERTIFICATE OF ANALYSIS WH12210742**

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



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**CERTIFICATE WH12210743**

Project: Klaza-122

P.O. No.: Batch 7

This report is for 13 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12210743**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359650		2.59	0.045	2.76	6.45	485	3390	1.45	1.67	3.33	11.20	41.4	5.7	6	19.95	19.4
M359651		2.40	<0.005	0.07	0.04	<5	50	0.05	0.02	20.3	0.07	1.22	0.5	<1	0.12	1.8
M359652		6.14	<0.005	0.18	7.02	9.0	2120	1.39	0.51	2.66	0.12	42.3	5.7	8	15.05	17.5
M359653		3.59	0.011	0.99	6.91	13.3	2030	1.48	1.37	2.55	3.00	44.9	5.3	9	10.60	56.4
M359654		3.64	<0.005	1.17	7.09	5.8	2200	1.51	2.52	2.59	0.57	44.2	6.0	9	9.93	45.5
M359655		3.22	0.006	0.25	7.29	12.1	2220	1.57	0.37	2.59	1.48	48.0	4.7	9	8.85	7.8
M359656		3.61	<0.005	0.11	7.02	4.4	2060	1.48	0.61	2.66	0.11	43.5	5.2	9	10.70	8.1
M359657		2.79	0.019	1.11	6.95	14.1	2510	1.45	2.97	2.98	0.32	43.5	5.6	7	11.15	57.6
M359658		2.37	<0.005	0.05	0.05	<5	20	0.05	0.03	21.2	0.05	0.95	0.6	<1	0.14	1.7
M359659		4.30	0.116	0.11	7.13	6.2	2230	1.47	0.98	2.29	0.10	47.1	6.9	10	7.36	12.6
M359660		2.82	0.005	0.24	7.10	10.9	2300	1.36	0.89	2.95	0.22	42.2	7.6	7	10.30	21.1
M359661		<0.02	<0.005	0.22	7.05	9.1	2170	1.52	0.63	2.81	0.18	43.3	7.0	8	9.83	23.9
M359662		2.94	<0.005	0.14	7.37	7.3	2300	1.54	0.61	2.51	0.19	48.3	7.5	8	11.75	17.2



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**CERTIFICATE OF ANALYSIS WH12210743**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359650		3.09	14.05	0.12	1.0	0.069	2.99	20.4	53.5	0.98	1910	1.16	0.52	6.8	2.7	510
M359651		0.45	0.14	0.12	<0.1	0.010	0.02	0.6	0.9	12.50	198	0.13	<0.01	0.1	1.5	170
M359652		2.71	15.00	0.15	1.2	0.042	2.79	21.4	18.6	0.72	594	1.23	1.96	7.3	2.2	550
M359653		2.99	14.70	0.15	1.2	0.098	2.75	21.8	11.7	0.74	704	1.22	1.97	7.5	2.4	550
M359654		2.97	15.25	0.15	1.2	0.057	2.70	21.6	9.4	0.77	587	1.66	2.22	7.6	2.4	580
M359655		3.13	15.95	0.13	1.2	0.060	2.84	23.3	10.8	0.78	620	1.39	2.29	8.0	2.3	600
M359656		2.87	15.90	0.14	1.0	0.056	2.79	21.6	11.1	0.70	643	1.11	2.07	7.7	2.4	550
M359657		2.97	15.30	0.15	1.2	0.079	2.83	21.2	12.1	0.76	917	0.88	1.88	8.0	2.4	600
M359658		0.49	0.15	0.12	<0.1	0.011	0.02	0.5	0.9	13.05	216	0.08	0.01	0.1	1.8	160
M359659		2.78	15.05	0.15	1.2	0.045	2.76	23.7	12.7	0.81	562	1.17	2.35	7.2	2.7	530
M359660		2.91	15.55	0.14	1.2	0.059	2.81	18.3	12.7	0.69	955	0.99	2.04	7.5	2.5	540
M359661		2.79	15.40	0.14	1.1	0.051	2.72	20.5	12.2	0.70	827	0.84	2.02	7.3	2.5	550
M359662		2.84	15.85	0.12	1.3	0.051	2.82	24.6	13.4	0.69	521	1.36	2.39	7.7	2.4	560



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**CERTIFICATE OF ANALYSIS WH12210743**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359650		578	124.0	<0.002	0.50	12.45	8.0	<1	2.3	239	0.53	<0.05	10.4	0.225	2.01	3.5
M359651		2.4	0.7	<0.002	<0.01	0.10	0.1	<1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M359652		17.1	105.5	<0.002	0.06	1.98	8.5	1	2.0	341	0.60	<0.05	11.6	0.242	1.30	3.4
M359653		84.4	114.5	<0.002	0.12	2.70	9.2	1	2.0	319	0.62	<0.05	12.1	0.249	1.32	3.5
M359654		44.9	102.0	<0.002	0.05	1.40	9.5	1	2.1	358	0.65	0.11	12.2	0.257	1.11	3.6
M359655		33.0	109.5	<0.002	0.03	1.80	9.8	1	2.0	366	0.68	<0.05	13.0	0.262	1.21	3.9
M359656		16.4	108.5	<0.002	0.02	2.14	9.3	1	2.1	334	0.62	0.05	11.8	0.246	1.22	3.5
M359657		18.7	120.0	<0.002	0.14	5.09	9.1	1	2.4	308	0.65	1.25	12.0	0.250	1.56	4.0
M359658		1.4	1.0	<0.002	<0.01	0.10	0.2	<1	<0.2	37.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M359659		14.3	107.0	<0.002	0.05	1.16	8.8	1	2.2	401	0.61	0.05	12.5	0.239	1.04	3.6
M359660		19.9	101.0	<0.002	0.14	2.89	8.9	1	2.1	364	0.64	<0.05	11.3	0.245	1.27	3.6
M359661		18.9	100.5	<0.002	0.13	2.62	8.7	<1	2.1	356	0.61	<0.05	12.0	0.241	1.16	3.6
M359662		22.5	109.5	<0.002	0.09	1.93	9.0	1	2.1	399	0.67	<0.05	13.7	0.249	1.14	4.0





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**CERTIFICATE OF ANALYSIS WH12210743**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359650		60	3.2	12.6	750	24.4	3
M359651		2	0.1	0.7	17	<0.5	<1
M359652		65	2.3	14.2	39	27.8	<1
M359653		67	1.9	14.3	360	29.7	1
M359654		71	2.3	15.0	93	27.2	<1
M359655		71	1.4	16.2	120	29.8	<1
M359656		65	1.7	14.8	43	26.0	<1
M359657		66	2.4	14.8	63	27.7	2
M359658		2	0.1	0.7	13	<0.5	<1
M359659		62	1.4	15.0	38	27.2	<1
M359660		66	2.0	14.1	51	28.6	1
M359661		64	1.9	14.0	48	26.2	1
M359662		65	1.3	15.4	43	29.7	<1



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



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**CERTIFICATE WH12210744**

Project: Klaza-123

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12210744**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358666		2.62	0.183	2.44	6.54	150.0	940	1.46	2.48	2.37	12.75	51.9	29.5	7	21.2	16.3
M358667		4.36	0.010	0.28	6.96	17.4	2290	1.54	0.78	2.38	0.19	39.2	6.1	9	21.0	32.3
M358668		2.35	0.009	0.19	6.86	25.5	2100	1.55	0.32	2.45	0.15	37.7	6.7	9	20.2	10.3
M358669		4.86	0.011	0.53	6.66	29.5	1680	1.43	0.94	2.70	0.21	36.7	5.6	8	16.75	38.9
M358670		2.51	0.011	0.43	7.01	38.5	1640	1.61	0.69	2.77	0.22	42.4	6.3	8	17.75	38.2
M358671		4.07	0.008	0.22	6.84	20.3	1490	1.52	0.49	1.96	0.13	48.1	4.4	8	10.75	23.7
M358672		0.26	2.38	26.3	5.80	3280	1390	1.33	20.7	2.19	75.8	42.9	10.0	19	12.85	443
M358673		4.30	0.077	1.21	6.88	136.5	1560	1.62	0.96	2.09	5.69	47.6	5.5	6	17.10	18.9
M358674		4.95	2.85	17.35	6.08	711	1150	1.23	13.20	1.81	43.4	52.0	22.6	6	8.17	82.5
M358675		3.82	0.005	0.15	0.10	5	30	0.11	0.10	21.0	0.23	1.46	0.7	<1	0.34	2.1
M358676		3.99	0.072	3.84	7.28	63.1	1330	1.56	4.33	1.78	2.51	36.7	23.8	8	9.72	4.4
M358677		2.73	0.180	20.9	7.94	98.8	250	1.71	2.58	0.99	11.35	15.55	13.2	9	6.91	107.0
M358678		5.86	0.052	6.24	7.58	94.9	3460	1.92	7.31	2.67	0.76	14.90	7.1	8	12.25	4.9
M358679		2.37	0.005	0.57	8.10	31.1	2430	1.81	1.00	1.65	0.40	13.15	10.8	9	10.80	2.2
M358680		3.78	0.005	0.40	7.52	22.7	2470	1.82	0.99	2.60	0.21	18.05	7.3	7	11.95	7.5
M358681		5.32	0.303	2.11	7.62	82.5	660	1.46	3.15	1.75	7.82	14.95	17.5	9	8.16	11.4
M358682		3.70	<0.005	0.05	0.15	<5	50	0.10	0.11	20.7	0.11	1.26	0.7	<1	1.89	1.5
M358683		2.27	0.031	1.88	7.87	60.9	2390	1.54	2.57	1.24	2.68	14.30	15.5	8	5.69	19.2
M358684		3.12	0.035	2.09	7.28	80.5	820	1.32	3.60	0.84	1.49	12.55	13.6	6	4.05	41.4
M358685		2.53	0.013	0.74	7.75	17.9	2080	1.58	1.28	0.72	1.41	15.95	10.9	7	8.05	16.8
M358686		0.27	2.28	27.5	5.79	3290	1510	1.37	20.4	2.18	77.7	44.4	10.5	19	13.45	439
M358687		6.11	0.019	0.99	7.35	36.8	1760	1.66	1.18	1.93	1.22	44.1	12.0	7	10.75	30.6
M358688		2.86	0.222	3.83	7.35	161.5	1090	1.52	0.98	2.87	21.5	100.5	40.7	7	13.15	33.6
M358689		4.96	0.055	3.07	7.48	188.0	1420	1.77	0.94	2.42	7.76	67.3	18.1	8	14.30	60.9
M358690		2.95	0.117	11.45	7.10	1150	720	1.51	2.29	1.70	21.1	62.0	17.7	7	9.98	173.0
M358691		4.58	0.017	1.13	7.75	44.9	2020	1.45	1.00	2.11	1.37	49.9	18.8	9	8.25	28.8
M358692		2.97	0.515	14.95	7.13	443	260	1.31	2.76	1.01	66.4	63.9	15.4	8	5.80	100.5
M358693		4.99	0.014	1.30	7.85	49.4	2260	1.73	1.26	2.47	1.19	66.5	12.9	8	9.38	40.8
M358694		<0.02	0.015	1.33	7.56	54.1	2180	1.72	1.24	2.41	1.26	68.2	12.6	8	9.31	40.0
M358695		3.35	<0.005	0.28	6.99	11.1	2460	1.70	0.56	2.98	0.21	65.8	14.0	8	10.40	5.9
M358696		4.93	0.015	0.93	7.31	42.5	3400	1.62	0.90	1.64	0.54	28.4	8.1	9	7.88	12.0
M358697		3.14	0.502	7.26	7.28	1915	510	1.25	4.95	0.32	42.7	15.35	9.1	9	4.99	99.2
M358698		4.04	0.822	23.2	7.08	571	390	1.28	12.05	0.23	37.7	19.55	15.5	9	4.89	83.0
M358699		5.50	0.540	20.4	7.45	765	150	1.35	8.31	0.23	19.05	52.9	37.2	9	4.51	50.6
M358700		6.29	1.340	29.1	5.65	4260	640	1.08	26.7	0.16	91.4	33.2	113.0	10	3.34	123.5
M358701		2.65	0.282	12.00	6.90	268	140	1.29	8.09	0.45	23.0	53.4	52.4	8	4.49	44.8



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358666		4.79	13.95	0.16	1.2	0.690	3.02	31.3	12.6	1.00	1770	0.82	0.04	5.3	5.4	500
M358667		2.91	16.15	0.14	1.5	0.106	3.04	19.3	25.8	0.62	629	1.95	1.10	7.2	5.1	630
M358668		2.99	16.90	0.14	1.4	0.084	3.21	17.6	18.5	0.60	780	2.74	1.16	7.3	2.7	630
M358669		2.44	16.10	0.15	1.4	0.097	3.07	17.7	46.1	0.54	962	1.33	0.50	7.3	2.3	580
M358670		2.54	16.90	0.18	1.5	0.107	3.21	19.7	35.3	0.62	1280	1.78	0.52	7.9	2.4	590
M358671		2.01	14.85	0.15	2.2	0.092	3.19	23.9	20.1	0.49	605	1.97	0.89	7.7	1.7	380
M358672		6.61	14.00	0.16	1.0	1.530	2.59	22.8	21.1	0.89	1880	11.95	0.04	5.1	14.1	440
M358673		2.98	14.90	0.16	1.7	0.300	3.01	27.0	10.5	0.75	2010	1.78	0.04	6.7	2.1	410
M358674		5.00	13.45	0.18	1.2	0.617	2.74	29.3	12.8	0.65	2540	7.82	0.03	4.3	2.1	450
M358675		0.49	0.31	0.10	<0.1	0.006	0.04	0.8	1.2	13.25	223	0.11	0.01	0.2	1.6	190
M358676		2.63	16.50	0.16	1.3	0.361	3.73	18.7	6.4	0.74	1460	1.41	0.04	5.3	2.4	620
M358677		4.07	17.45	0.16	1.3	0.181	3.95	7.4	6.0	0.60	842	2.40	0.05	6.7	2.6	690
M358678		2.10	17.45	0.14	1.3	0.190	3.79	7.2	11.2	0.99	1520	4.72	0.05	5.5	2.5	660
M358679		1.68	16.30	0.15	1.3	0.106	3.84	6.6	16.3	0.78	649	4.25	0.06	5.6	2.5	720
M358680		1.91	16.80	0.17	1.5	0.206	3.58	9.4	10.1	0.92	1000	3.51	0.05	6.1	2.3	600
M358681		3.16	14.65	0.15	1.2	0.410	3.93	6.9	7.0	0.77	1450	8.25	0.05	5.5	2.0	660
M358682		0.50	0.51	0.09	<0.1	<0.005	0.10	0.6	2.2	13.20	223	0.17	<0.01	0.5	1.5	190
M358683		2.45	13.50	0.15	1.6	0.477	4.08	6.9	6.8	0.64	1190	11.45	0.06	5.8	1.6	610
M358684		2.58	11.80	0.15	1.6	0.252	3.56	6.5	6.3	0.45	468	10.20	0.06	5.2	1.3	460
M358685		1.66	12.95	0.17	1.9	0.241	3.81	8.3	8.7	0.48	420	7.66	0.07	6.6	1.8	570
M358686		6.54	14.45	0.14	1.0	1.605	2.60	23.8	22.6	0.88	1880	12.25	0.04	5.4	14.9	430
M358687		1.80	15.00	0.16	1.8	0.121	3.61	23.1	11.2	0.75	1050	5.33	0.05	6.0	2.3	520
M358688		3.13	17.40	0.21	1.6	0.095	3.40	54.6	11.2	0.99	3780	40.6	0.03	5.7	2.9	570
M358689		2.60	18.10	0.19	1.7	0.188	3.63	36.7	11.0	0.85	2050	11.60	0.04	6.5	2.5	630
M358690		4.11	16.45	0.19	1.6	0.439	3.38	34.1	8.2	0.81	1650	7.18	0.05	6.5	2.5	530
M358691		3.21	17.00	0.16	1.4	0.178	3.13	25.2	23.1	0.74	1380	11.45	0.49	6.5	2.6	670
M358692		5.20	17.20	0.19	1.2	1.340	3.56	31.4	6.8	0.52	1990	9.08	0.04	4.2	3.3	580
M358693		2.67	17.35	0.20	1.6	0.252	3.90	37.2	8.4	0.88	1240	14.35	0.06	5.7	3.8	660
M358694		2.61	17.05	0.21	1.4	0.245	3.79	37.2	8.1	0.85	1220	12.55	0.06	5.8	2.8	650
M358695		2.24	17.05	0.20	1.2	0.239	3.69	34.8	7.5	1.09	936	13.00	0.05	5.1	2.9	660
M358696		1.74	15.10	0.15	1.6	0.314	3.78	14.8	7.4	0.69	870	6.19	0.06	6.3	1.7	660
M358697		3.62	16.20	0.15	1.4	0.780	3.75	7.5	6.2	0.34	981	37.0	0.05	6.3	1.9	610
M358698		3.56	14.40	0.15	1.6	0.442	3.65	10.3	5.2	0.34	256	4.85	0.05	4.9	2.2	580
M358699		5.74	16.50	0.17	1.3	0.294	3.72	26.2	5.1	0.32	198	14.20	0.05	4.9	2.4	610
M358700		14.85	15.30	0.19	1.3	4.30	2.82	17.3	3.6	0.23	136	16.70	0.04	4.4	4.1	450
M358701		5.66	17.70	0.21	1.4	0.368	3.55	27.5	5.3	0.40	652	24.7	0.04	6.0	4.0	570



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Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12210744**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358666		307	186.5	<0.002	2.35	8.89	10.3	2	3.7	102.0	0.47	0.35	12.8	0.180	2.91	4.5
M358667		20.3	115.0	<0.002	0.13	7.09	9.9	1	1.6	291	0.59	<0.05	11.0	0.276	1.66	3.4
M358668		18.9	125.0	<0.002	0.34	4.57	10.2	1	1.6	268	0.60	<0.05	10.4	0.279	2.10	3.3
M358669		18.5	107.5	<0.002	0.23	7.84	8.5	<1	1.7	237	0.66	0.14	11.8	0.259	2.06	4.3
M358670		20.0	124.5	<0.002	0.38	8.13	9.5	1	1.8	234	0.69	0.08	12.2	0.266	2.49	4.6
M358671		21.8	145.5	<0.002	0.21	6.46	6.3	1	1.3	169.0	1.06	<0.05	22.3	0.165	2.06	6.4
M358672		2800	156.0	0.004	4.69	87.7	7.3	1	7.8	89.4	0.48	0.45	10.9	0.182	2.40	5.7
M358673		134.0	184.0	0.003	1.22	7.93	7.5	1	1.9	101.5	0.75	0.08	20.3	0.170	2.65	6.9
M358674		2850	197.5	0.004	4.40	30.3	7.6	1	4.5	85.2	0.44	0.22	13.0	0.162	2.90	3.3
M358675		13.7	3.2	0.002	0.01	0.30	0.3	<1	<0.2	45.2	<0.05	<0.05	0.2	<0.005	0.04	0.7
M358676		161.5	261	<0.002	1.34	5.33	10.4	1	3.3	52.2	0.43	1.50	12.9	0.213	3.69	3.6
M358677		537	248	<0.002	3.84	40.5	11.7	2	6.0	32.2	0.50	0.73	11.8	0.278	3.28	3.9
M358678		68.0	204	<0.002	0.69	6.58	11.0	1	2.5	129.0	0.45	4.45	12.0	0.235	3.34	4.1
M358679		33.6	222	0.003	0.60	5.74	11.3	3	2.8	79.9	0.45	0.32	12.7	0.235	3.30	4.3
M358680		18.7	195.0	<0.002	0.40	5.80	9.4	1	2.4	121.0	0.55	0.19	16.0	0.214	3.10	4.9
M358681		166.0	220	0.004	1.93	5.31	9.3	2	4.9	69.6	0.40	0.49	11.8	0.240	3.15	3.5
M358682		3.4	9.7	0.002	0.01	0.11	0.2	1	0.3	48.1	0.05	<0.05	<0.2	<0.005	0.09	0.8
M358683		157.5	239	0.004	1.41	5.41	8.9	2	6.5	53.2	0.54	0.33	18.1	0.203	3.42	3.8
M358684		171.0	198.5	0.005	1.85	9.03	6.7	2	4.8	31.0	0.59	0.49	20.4	0.153	2.93	5.2
M358685		124.0	234	0.002	0.75	7.20	9.3	1	3.9	41.6	0.67	0.20	20.5	0.196	3.24	5.5
M358686		2790	173.0	0.003	4.65	90.8	7.7	1	8.1	93.2	0.46	0.39	11.5	0.182	2.39	5.9
M358687		104.0	222	0.005	0.55	9.84	8.7	1	1.6	101.0	0.63	0.12	19.1	0.202	3.18	6.3
M358688		937	233	0.004	1.81	9.72	9.8	2	3.3	107.5	0.52	0.17	15.4	0.218	3.55	5.5
M358689		324	210	0.009	0.86	13.15	10.7	2	3.2	136.0	0.55	0.11	14.2	0.238	3.39	5.1
M358690		2000	218	0.011	2.48	22.8	9.7	1	6.2	93.1	0.66	0.40	17.7	0.221	2.96	6.4
M358691		146.5	161.0	0.022	0.84	7.38	10.9	1	2.6	168.5	0.56	0.14	12.2	0.279	2.47	3.8
M358692		3120	230	0.010	4.47	25.6	11.1	2	7.4	31.4	0.40	0.30	12.5	0.204	3.21	2.9
M358693		103.5	252	0.050	0.89	7.65	11.4	1	3.3	119.0	0.48	0.13	15.0	0.231	3.50	5.4
M358694		109.0	239	0.036	0.88	7.56	10.9	2	3.3	114.5	0.46	0.12	14.3	0.226	3.38	5.2
M358695		20.1	204	0.028	0.44	4.48	10.7	1	2.3	177.5	0.38	0.06	10.9	0.225	3.32	4.7
M358696		57.2	251	0.011	0.50	7.52	11.1	1	2.9	84.7	0.48	<0.05	15.0	0.246	3.41	5.7
M358697		645	223	0.007	3.28	29.0	10.6	1	7.0	16.1	0.47	0.70	12.0	0.243	2.78	3.5
M358698		1575	238	0.003	3.52	16.80	9.7	3	9.6	20.8	0.54	3.46	15.4	0.194	2.98	6.6
M358699		1135	225	0.004	5.89	13.30	10.0	2	14.0	25.7	0.45	2.62	13.7	0.216	2.94	3.2
M358700		1415	179.0	0.002	>10.0	24.8	8.3	4	15.8	14.7	0.34	6.60	8.3	0.174	2.12	2.5
M358701		1385	217	0.005	5.85	6.44	10.6	2	12.4	27.9	0.46	1.94	11.6	0.233	2.63	2.5



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 Account: ROCKHA

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**CERTIFICATE OF ANALYSIS WH12210744**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358666		65	3.0	12.6	1120	32.2	3
M358667		76	2.5	13.3	59	37.8	1
M358668		77	3.1	13.9	50	35.7	<1
M358669		68	2.5	12.8	60	37.2	1
M358670		71	2.6	14.1	57	38.5	1
M358671		43	1.9	14.1	37	48.5	1
M358672		56	5.0	9.3	5410	24.5	25
M358673		47	2.8	13.3	446	41.2	1
M358674		54	4.5	8.9	3670	29.5	17
M358675		2	0.1	0.9	20	0.8	<1
M358676		74	3.5	12.1	248	33.3	4
M358677		86	7.5	8.5	957	35.8	19
M358678		93	4.3	9.7	109	34.8	8
M358679		87	3.9	11.5	62	34.4	1
M358680		77	4.3	9.3	58	39.9	1
M358681		80	5.4	10.8	513	32.3	2
M358682		2	0.2	0.9	20	0.5	<1
M358683		55	5.5	12.2	233	42.8	2
M358684		45	5.5	8.8	139	38.6	2
M358685		52	4.0	9.5	147	49.5	1
M358686		56	5.3	10.0	5440	25.3	25
M358687		63	3.3	10.9	125	41.8	1
M358688		68	3.6	15.8	1560	40.8	4
M358689		74	3.4	15.5	660	43.5	3
M358690		64	3.8	11.9	1940	42.9	10
M358691		81	4.4	13.7	158	35.3	1
M358692		84	5.8	8.3	5400	31.8	13
M358693		77	3.2	15.8	148	39.2	1
M358694		76	3.2	15.8	150	39.6	1
M358695		82	3.0	13.2	65	33.1	1
M358696		77	6.5	12.0	74	40.4	1
M358697		74	10.2	6.5	2830	36.6	7
M358698		71	7.4	6.6	2320	38.9	32
M358699		71	7.8	7.6	1230	31.9	21
M358700		59	6.8	7.4	6170	29.3	29
M358701		78	7.2	7.5	1470	37.5	11



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**CERTIFICATE OF ANALYSIS WH12210744**

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





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**CERTIFICATE WH12210745**

Project: Klaza-123

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12210745**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358702		2.68	0.724	11.75	5.63	328	570	1.15	3.77	0.83	55.9	44.3	42.2	6	6.58	60.1
M358703		7.75	0.013	0.55	7.10	29.6	1560	1.73	0.45	2.72	0.36	55.0	5.8	23	26.8	11.7
M358704		2.51	0.316	4.92	6.46	129.5	480	1.79	3.09	3.67	25.7	47.3	8.9	12	18.15	92.2
M358705		6.66	0.027	0.52	6.41	25.1	1720	1.56	0.62	4.48	0.55	44.8	5.3	22	26.3	28.0
M358706		6.41	<0.005	0.08	6.54	25.3	2320	1.74	0.18	3.56	0.15	46.0	5.2	24	33.8	8.0
M358707		7.55	<0.005	0.14	7.39	21.8	1480	1.82	0.29	2.71	0.10	58.5	5.7	28	34.6	12.9
M358708		2.94	0.014	0.80	7.48	33.7	2740	1.57	0.85	2.52	0.53	65.4	15.8	7	24.6	19.8
M358709		5.88	0.005	0.47	7.20	16.5	3200	1.66	0.56	2.40	0.78	80.2	8.0	8	13.75	3.5
M358710		<0.02	0.005	0.47	7.28	16.3	3230	1.38	0.61	2.44	0.78	80.9	8.5	7	14.00	3.6
M358711		5.83	0.036	2.97	7.04	113.5	2120	1.37	0.68	2.09	5.46	57.6	6.9	7	11.65	18.1
M358712		2.39	0.192	42.0	6.35	962	230	1.18	3.54	0.99	29.9	14.95	6.1	7	11.20	50.2
M358713		4.28	<0.005	0.26	0.08	<5	70	0.06	0.02	21.6	0.09	1.17	0.5	<1	0.15	1.6
M358714		5.92	<0.005	0.48	7.78	13.6	1930	1.29	0.49	1.82	0.93	26.1	5.5	8	7.57	2.1
M358715		6.21	0.005	0.55	7.10	18.6	1870	1.47	0.73	2.66	0.69	37.3	5.0	8	9.67	8.2
M358716		4.05	0.045	1.65	7.06	137.5	1180	1.21	1.22	0.79	2.61	39.0	12.6	12	6.64	26.7
M358717		3.28	0.437	6.84	6.94	273	640	1.25	4.65	1.60	5.27	32.3	14.1	11	8.35	333
M358718		5.37	0.037	1.14	6.96	148.0	1610	1.20	1.04	1.27	1.56	36.4	10.0	10	8.53	34.9
M358719		2.87	<0.005	0.17	7.49	28.9	1480	1.90	0.08	3.81	0.21	101.5	14.7	134	9.44	16.8
M358720		0.26	2.30	25.9	5.61	2650	800	1.30	20.1	2.17	76.1	40.6	9.7	17	13.30	427
M358721		2.72	0.017	0.80	6.99	37.3	2920	1.62	1.24	3.11	0.34	53.9	13.4	8	13.50	20.5
M358722		2.55	0.008	0.28	7.20	33.3	1300	1.90	0.59	2.69	0.23	49.2	5.7	12	16.60	10.3
M358723		3.00	0.014	0.44	6.66	42.4	2340	1.61	0.39	2.78	0.42	47.0	5.3	24	13.40	13.6
M358724		1.24	0.022	0.50	7.03	47.8	1920	1.59	0.47	2.58	0.60	52.1	6.1	23	14.00	18.9
M358725		2.69	0.887	11.60	6.58	329	2250	1.62	15.65	2.36	9.75	49.5	10.0	16	13.40	331
M358726		4.03	<0.005	0.03	0.07	11	30	0.06	0.03	22.3	0.06	1.21	0.5	<1	0.17	1.9
M358727		6.78	<0.005	0.31	6.80	44.9	1520	1.92	0.16	3.23	0.16	51.2	5.8	25	18.25	11.7
M358728		7.38	0.014	0.55	7.19	49.1	1790	1.84	0.90	2.86	0.22	54.9	7.2	24	17.85	43.9
M358729		0.26	4.08	>100	5.03	6760	210	1.19	66.6	1.96	221	28.6	8.8	16	10.70	1275
M358730		2.59	0.011	0.24	7.46	32.7	1170	2.06	0.70	2.38	0.10	49.0	7.3	19	23.1	13.0
M358731		3.93	0.046	1.36	7.22	118.5	1380	1.65	2.40	2.73	0.51	43.2	16.0	8	18.65	74.0
M358732		2.54	0.006	0.18	7.10	42.8	2500	2.01	0.44	3.08	0.13	47.3	7.3	15	16.90	15.9
M358733		2.92	0.050	1.57	7.02	370	1080	1.64	2.87	1.91	0.51	52.2	13.0	9	12.70	180.0
M358734		3.02	1.140	11.65	4.97	764	750	1.20	26.0	1.38	4.92	29.3	43.4	10	8.93	175.5
M358735		2.65	0.020	0.15	7.08	51.0	1470	2.07	1.14	3.58	0.13	47.2	7.3	14	22.1	24.2
M358736		6.29	<0.005	0.10	7.08	24.7	1970	2.17	0.18	3.50	0.15	47.3	6.2	16	29.8	12.4
M358737		2.61	<0.005	0.15	6.82	53.7	3500	1.70	0.18	2.97	0.19	47.3	5.7	16	18.35	8.2



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**CERTIFICATE OF ANALYSIS WH12210745**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358702		4.56	13.45	0.13	1.2	1.200	2.81	21.8	10.9	0.43	1440	11.50	0.04	4.3	3.9	450
M358703		2.08	17.65	0.15	3.2	0.039	2.83	27.2	19.2	0.86	527	1.42	0.07	8.4	15.8	680
M358704		4.39	16.00	0.13	2.1	0.564	2.51	24.6	40.6	0.86	1920	6.69	0.04	6.2	13.1	550
M358705		2.16	16.45	0.13	3.2	0.035	2.68	23.7	19.5	1.39	687	1.15	0.07	7.9	15.6	650
M358706		2.20	18.30	0.14	3.1	0.032	3.22	21.7	44.1	0.93	434	0.59	0.70	8.7	16.9	700
M358707		2.06	18.85	0.14	4.1	0.026	2.95	30.3	22.9	0.95	415	0.94	0.15	9.1	21.7	650
M358708		3.03	17.80	0.14	1.4	0.159	3.25	35.5	13.7	0.98	961	2.05	0.04	6.9	7.4	690
M358709		2.65	15.60	0.16	1.2	0.141	3.48	40.9	9.0	1.03	1040	1.96	0.04	5.2	3.8	590
M358710		2.67	15.75	0.17	1.3	0.143	3.52	41.2	9.1	1.05	1050	2.16	0.04	5.2	3.7	630
M358711		2.23	14.20	0.16	1.3	0.087	3.43	31.1	8.3	0.89	1880	2.49	0.04	5.5	3.4	610
M358712		4.72	13.65	0.10	1.2	0.312	3.02	7.4	11.0	0.53	1870	3.11	0.03	4.4	4.0	560
M358713		0.45	0.21	0.08	<0.1	0.009	0.03	0.6	0.9	13.20	199	0.41	<0.01	0.1	1.5	310
M358714		1.00	15.60	0.16	1.4	0.040	4.13	12.0	7.0	0.57	878	2.24	0.06	7.6	2.4	710
M358715		1.39	14.30	0.14	1.2	0.042	3.55	16.3	11.7	0.70	529	0.53	0.14	5.3	2.6	640
M358716		2.01	15.55	0.14	1.3	0.136	3.63	19.3	5.9	0.44	717	1.38	0.05	5.6	3.1	620
M358717		3.19	15.40	0.12	1.6	0.277	3.42	16.1	6.1	0.64	1040	3.17	0.05	5.4	4.5	550
M358718		2.12	16.05	0.11	1.5	0.145	3.58	17.3	10.0	0.49	448	10.05	0.06	5.9	3.2	610
M358719		5.16	18.65	0.18	7.0	0.062	1.91	46.5	40.6	1.37	1220	2.03	0.33	29.0	37.5	3200
M358720		6.34	13.20	0.14	1.0	1.495	2.58	22.1	22.9	0.88	1840	12.65	0.04	5.5	14.9	420
M358721		3.11	15.70	0.15	1.4	0.201	3.16	27.1	27.7	0.97	1070	6.87	0.07	5.8	5.6	600
M358722		3.11	16.35	0.14	1.9	0.071	2.05	25.0	96.8	0.87	559	1.51	0.22	7.4	7.1	620
M358723		2.34	17.00	0.14	3.0	0.041	1.86	23.0	310	0.99	629	1.54	0.17	8.2	14.1	680
M358724		2.44	17.70	0.14	3.2	0.038	1.90	25.4	328	0.94	593	2.99	0.17	8.5	14.0	730
M358725		5.11	16.55	0.11	2.5	0.294	2.10	24.7	147.0	0.94	1500	3.94	0.13	7.0	14.4	540
M358726		0.49	0.21	0.09	<0.1	0.006	0.03	0.6	1.6	13.70	231	0.11	<0.01	0.2	1.6	230
M358727		2.13	18.05	0.16	3.5	0.024	1.89	24.7	265	1.13	591	0.91	0.21	8.9	17.1	720
M358728		2.41	18.85	0.15	3.3	0.030	2.08	28.5	261	1.04	535	4.61	0.18	8.5	16.3	750
M358729		7.89	12.65	0.08	1.0	4.57	2.24	13.6	31.3	0.62	3120	15.40	0.08	5.4	13.9	440
M358730		2.19	19.50	0.12	3.4	0.033	1.62	24.3	319	1.01	443	1.63	0.31	8.4	11.4	850
M358731		3.65	16.05	0.09	1.4	0.117	2.42	23.3	119.0	1.12	846	2.38	0.17	7.3	4.4	680
M358732		2.84	18.50	0.13	2.8	0.040	1.88	23.8	221	1.24	724	1.18	0.26	7.8	6.9	820
M358733		4.17	15.65	0.11	1.3	0.236	2.85	28.2	76.2	0.98	649	4.61	0.08	6.4	3.9	590
M358734		12.60	12.20	0.10	1.0	0.209	2.09	13.8	24.3	0.64	804	4.74	0.05	4.4	4.7	400
M358735		3.01	17.55	0.10	2.6	0.049	2.42	23.7	93.8	1.33	769	1.83	0.16	7.6	6.7	740
M358736		2.70	18.65	0.12	3.3	0.032	2.12	23.6	86.3	1.39	653	1.01	0.15	7.5	7.3	820
M358737		2.36	17.20	0.11	3.2	0.033	1.91	23.6	291	1.25	798	0.91	0.17	6.9	7.2	760



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**CERTIFICATE OF ANALYSIS WH12210745**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358702		3720	168.0	0.003	4.61	10.35	8.0	1	8.5	58.0	0.37	0.61	9.6	0.165	3.1
M358703		35.1	96.7	<0.002	0.17	4.44	5.5	1	2.0	388	0.66	<0.05	10.4	0.268	4.0
M358704		1170	135.0	<0.002	2.57	16.50	8.1	1	6.3	379	0.51	0.51	9.9	0.224	3.8
M358705		97.2	75.8	<0.002	0.14	6.14	4.8	<1	1.8	418	0.64	<0.05	8.8	0.255	3.8
M358706		19.0	86.2	<0.002	0.03	3.42	5.2	1	1.6	690	0.67	<0.05	8.3	0.275	3.3
M358707		16.6	97.8	<0.002	0.10	4.58	5.5	1	1.8	338	0.72	<0.05	11.2	0.269	4.5
M358708		48.0	186.5	<0.002	0.53	7.23	11.0	1	2.5	150.5	0.59	<0.05	13.5	0.272	3.4
M358709		55.3	197.5	<0.002	0.29	5.51	9.4	1	1.8	131.5	0.46	0.05	12.5	0.223	2.9
M358710		50.4	208	<0.002	0.30	5.55	9.6	1	1.8	132.5	0.46	0.07	12.7	0.223	3.0
M358711		368	224	<0.002	0.75	14.80	9.2	1	1.9	102.0	0.47	<0.05	11.7	0.216	4.6
M358712		>10000	226	<0.002	4.72	39.3	10.1	<1	7.1	35.6	0.36	0.06	10.9	0.173	5.1
M358713		14.6	1.7	<0.002	<0.01	0.14	0.2	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.6
M358714		65.2	236	<0.002	0.21	16.45	11.2	1	2.1	56.8	0.60	<0.05	13.3	0.282	4.6
M358715		68.0	180.0	<0.002	0.26	9.96	9.5	1	1.5	146.0	0.41	<0.05	10.6	0.217	3.6
M358716		264	197.0	<0.002	1.06	17.90	10.6	1	3.8	30.4	0.43	0.07	11.8	0.231	4.1
M358717		257	189.5	<0.002	2.08	35.7	9.1	1	6.0	62.6	0.48	0.26	11.8	0.207	4.2
M358718		137.5	185.0	0.002	1.08	23.2	9.9	<1	4.2	59.1	0.47	0.07	12.0	0.217	4.1
M358719		15.2	34.6	<0.002	0.07	14.30	12.2	1	2.0	150.5	1.37	<0.05	6.5	0.843	2.5
M358720		2760	147.5	<0.002	4.56	90.6	7.2	1	7.8	83.1	0.46	0.46	10.2	0.173	4.9
M358721		30.4	183.0	<0.002	0.32	10.45	9.3	1	2.7	177.0	0.46	0.25	11.1	0.231	4.4
M358722		26.4	93.3	<0.002	0.17	7.20	9.3	1	1.5	202	0.62	0.08	12.2	0.268	4.0
M358723		35.8	54.8	<0.002	0.20	6.14	5.7	<1	1.7	290	0.66	<0.05	9.4	0.264	3.4
M358724		40.5	61.4	0.003	0.27	7.08	5.7	1	1.8	303	0.69	<0.05	10.2	0.271	3.6
M358725		553	92.9	0.003	3.70	46.1	7.8	1	5.1	176.5	0.56	0.42	10.3	0.231	3.8
M358726		1.5	1.2	0.002	<0.01	0.13	0.2	1	0.2	45.3	<0.05	<0.05	<0.2	0.005	0.6
M358727		31.5	54.2	0.003	0.16	4.93	5.9	<1	1.6	303	0.66	<0.05	8.8	0.277	3.9
M358728		120.0	70.2	0.006	0.48	6.96	6.7	<1	1.7	276	0.66	0.07	9.6	0.285	4.9
M358729		9690	119.0	0.003	7.02	223	7.2	1	8.6	114.0	0.39	0.47	7.3	0.185	4.9
M358730		11.6	47.1	0.002	0.39	5.08	8.9	1	1.6	288	0.60	0.06	7.6	0.343	4.0
M358731		35.5	88.4	0.003	1.17	13.50	11.7	1	2.9	186.0	0.56	0.18	10.0	0.282	4.9
M358732		11.6	51.6	0.003	0.42	5.90	9.5	1	1.5	264	0.53	0.06	6.9	0.317	4.0
M358733		43.2	164.0	0.002	1.86	23.7	11.0	1	5.8	106.5	0.49	0.39	10.7	0.246	4.0
M358734		234	109.0	0.005	>10.0	25.4	7.6	2	6.2	67.6	0.34	2.04	7.0	0.168	3.2
M358735		9.5	69.2	0.003	0.42	5.92	10.0	1	1.7	226	0.55	<0.05	8.4	0.301	3.7
M358736		10.4	60.8	0.002	0.13	6.68	9.0	<1	1.4	282	0.54	<0.05	6.7	0.321	3.9
M358737		9.3	54.9	0.004	0.25	4.02	8.7	1	1.3	233	0.51	<0.05	7.2	0.305	3.6



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**CERTIFICATE OF ANALYSIS WH12210745**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M358702		60	6.1	7.9	4180	30.5	12		
M358703		50	1.6	10.6	74	110.5	1		
M358704		64	3.4	9.3	2160	66.2	5		
M358705		50	1.1	9.7	104	110.0	1		
M358706		51	0.9	9.9	62	107.0	<1		
M358707		51	1.2	11.2	52	149.0	<1		
M358708		85	2.7	15.3	103	42.0	1		
M358709		75	4.3	10.6	133	33.0	1		
M358710		76	4.6	10.9	132	34.5	1		
M358711		73	10.1	9.9	576	32.7	3		
M358712		73	13.7	6.9	2640	32.6	42	1.420	
M358713		2	0.1	0.7	18	<0.5	<1		
M358714		82	14.8	10.8	90	39.3	<1		
M358715		75	12.2	9.3	98	30.4	1		
M358716		77	12.5	9.1	235	31.6	2		
M358717		69	9.8	8.3	441	43.3	7		
M358718		72	11.0	7.9	152	40.5	1		
M358719		117	5.3	22.9	111	286	1		
M358720		53	5.0	9.0	5220	23.3	27		
M358721		70	3.8	10.7	89	40.3	1		
M358722		68	1.8	12.4	78	56.7	<1		
M358723		55	1.6	10.2	100	100.5	1		
M358724		54	1.7	10.6	115	103.5	<1		
M358725		55	2.8	12.4	669	88.6	12		
M358726		1	0.1	0.8	15	0.6	<1		
M358727		51	1.3	10.7	75	123.5	<1		
M358728		56	3.3	12.1	66	113.5	1		
M358729		52	4.3	8.2	>10000	31.9	123	1.680	
M358730		79	1.8	12.7	62	118.5	1		
M358731		78	2.9	13.1	98	42.1	2		
M358732		79	2.2	13.8	71	96.1	<1		
M358733		71	4.2	10.5	97	35.9	1		
M358734		50	4.2	8.4	411	33.3	11		
M358735		78	1.8	14.0	51	82.6	<1		
M358736		79	1.0	13.2	63	110.5	<1		
M358737		75	1.7	12.8	58	102.5	<1		



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**CERTIFICATE OF ANALYSIS WH12210745**

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



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**CERTIFICATE WH12210746**

Project: Klaza-123

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 24-SEP-2012  
Account: ROCKHA

Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12210746**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358738		3.05	0.312	3.21	6.05	1590	1030	1.45	3.37	3.59	4.38	41.5	10.5	8	15.45	45.3
M358739		2.48	<0.005	0.03	0.06	<5	20	0.05	0.03	20.5	0.08	0.92	0.6	<1	0.17	2.7
M358740		2.96	0.009	0.23	7.26	14.5	1830	1.28	0.39	1.32	0.18	35.0	5.0	8	9.83	16.0
M358741		2.60	0.013	0.37	6.57	36.6	1750	1.37	0.99	2.46	0.17	39.0	6.2	7	12.20	132.5
M358742		2.68	0.007	0.19	6.78	11.9	2170	1.50	0.51	2.60	0.11	39.3	5.9	8	12.00	26.4
M358743		2.84	0.008	0.22	6.35	19.4	2040	1.51	0.28	3.01	1.07	36.0	6.7	8	11.40	17.8
M358744		2.19	0.018	1.72	7.24	24.4	1830	1.47	0.80	2.15	8.37	43.9	6.1	8	11.80	146.0
M358745		2.55	0.036	1.41	7.10	37.1	1510	1.49	2.92	1.57	0.66	46.3	5.9	7	14.50	96.3
M358746		3.00	0.015	0.63	7.11	23.8	2770	1.49	1.06	2.40	0.19	46.8	8.4	8	12.65	98.9
M358747		2.73	<0.005	0.14	7.08	6.0	2140	1.67	0.23	2.73	0.12	44.9	5.6	9	10.80	5.1
M358748		2.40	0.006	0.29	6.89	20.1	2010	1.57	0.60	2.85	0.19	43.4	6.8	8	18.20	16.9
M358749		6.63	<0.005	0.21	7.11	8.0	2000	1.56	0.29	2.48	0.13	45.8	6.3	9	9.57	19.4
M358750		0.28	2.37	24.5	5.56	2940	1340	1.46	19.35	2.06	73.2	42.0	9.9	17	13.60	432
M358751		2.27	0.016	0.65	7.02	13.1	2140	1.53	0.70	2.72	0.29	42.4	7.4	9	8.87	40.9
M358752		2.40	<0.005	0.16	7.16	6.5	2080	1.49	0.17	2.55	0.12	43.5	6.1	10	7.95	7.9
M358753		2.57	0.045	1.13	7.37	85.8	1200	1.45	1.63	2.05	1.12	52.5	5.5	7	8.79	81.5
M358754		2.31	<0.005	0.02	0.14	<5	20	0.13	0.47	20.4	0.06	1.24	0.6	<1	0.22	2.0
M358755		2.84	<0.005	0.49	6.49	10.3	2150	1.50	0.23	2.59	0.14	40.3	7.1	9	6.66	36.2
M358756		3.68	0.006	0.89	6.88	19.4	2030	1.73	0.39	2.59	0.22	46.2	9.5	10	7.00	85.2
M358757		3.61	0.011	0.64	6.98	18.4	2120	1.62	0.31	2.35	0.20	43.7	9.4	10	7.06	66.2
M358758		<0.02	0.010	0.64	7.02	17.2	2120	1.53	0.34	2.40	0.22	49.4	9.1	10	7.04	67.4
M358759		7.34	0.024	0.68	7.03	17.7	2230	1.42	0.32	2.58	0.75	42.6	7.6	11	7.58	71.5
M358760		4.70	0.012	0.66	7.39	11.2	2190	1.60	0.38	2.82	0.14	45.2	6.5	9	8.73	93.4
M358761		2.55	<0.005	0.07	7.82	13.6	3890	1.81	0.20	3.41	0.13	56.4	7.5	20	16.65	11.1
M358762		0.29	0.792	9.28	6.82	1830	250	1.41	6.43	1.88	41.3	42.8	16.3	20	15.50	108.5
M358763		6.19	<0.005	0.12	7.98	12.8	1730	2.01	0.19	3.22	0.17	53.7	7.2	20	18.20	11.4
M358764		2.57	0.018	0.50	8.04	30.5	3030	1.62	0.66	1.90	0.37	40.8	5.7	9	18.95	22.1
M358765		3.03	0.005	0.54	8.45	8.5	2280	1.36	0.48	1.64	0.19	43.7	8.2	9	11.35	57.3
M358766		1.23	0.005	0.43	8.32	8.7	2190	1.23	0.39	1.70	0.21	45.7	7.2	9	10.45	47.3
M358767		2.11	0.006	0.23	8.11	15.5	3060	1.40	0.60	0.96	0.17	41.2	12.0	10	10.85	15.5
M358768		4.84	0.005	0.18	7.88	8.6	2200	1.38	0.49	2.47	0.17	49.8	8.8	10	10.85	11.2
M358769		2.61	<0.005	0.21	8.03	7.7	2630	1.13	0.72	2.54	0.19	46.7	2.2	9	9.54	12.2
M358770		2.28	0.021	0.36	7.96	18.5	1990	0.94	0.79	3.36	0.60	66.3	6.6	7	15.50	15.0
M358771		3.01	<0.005	0.12	7.62	4.4	2310	1.09	0.14	2.74	0.15	49.1	7.8	10	10.75	7.0
M358772		2.02	0.010	0.46	7.65	16.9	2990	1.32	0.76	2.59	0.46	49.0	9.4	10	12.65	28.7
M358773		7.54	<0.005	0.15	7.86	6.5	2150	1.36	0.29	1.91	0.16	47.5	7.0	9	13.15	17.1





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Finalized Date: 24-SEP-2012  
Account: ROCKHA

Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12210746**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358738		4.07	13.95	0.10	1.6	0.167	1.87	20.8	79.1	1.06	1480	7.64	0.09	6.1	7.5	510
M358739		0.48	0.19	0.11	<0.1	0.006	0.02	0.5	1.4	12.80	207	0.10	0.01	0.1	1.8	190
M358740		2.95	16.80	0.11	1.2	0.063	2.17	16.7	43.0	0.43	612	3.16	0.08	8.0	2.2	660
M358741		2.95	15.25	0.09	1.3	0.150	2.63	18.9	30.6	0.64	710	2.10	0.42	7.2	2.1	580
M358742		3.03	15.85	0.10	1.2	0.081	2.54	19.3	17.4	0.75	616	6.26	1.46	7.5	2.6	610
M358743		2.89	15.60	0.10	1.2	0.056	2.49	17.6	10.9	0.72	633	5.25	1.76	7.4	2.7	570
M358744		3.35	16.15	0.09	1.2	0.126	2.58	22.8	22.9	0.75	796	1.48	0.84	7.5	2.6	630
M358745		3.33	16.10	0.10	1.0	0.113	2.56	25.6	34.9	0.67	890	2.04	0.10	7.3	2.9	600
M358746		3.54	16.10	0.13	1.0	0.144	2.81	23.6	19.1	0.87	776	2.36	1.55	7.6	3.6	620
M358747		2.98	16.20	0.09	1.1	0.047	2.51	23.3	10.6	0.76	586	2.30	2.07	7.6	2.6	630
M358748		3.26	16.35	0.11	1.3	0.094	2.62	21.8	24.7	0.77	766	2.34	1.08	7.6	2.6	590
M358749		2.87	16.35	0.11	1.3	0.078	2.86	24.9	13.7	0.79	583	1.83	2.07	8.2	2.7	580
M358750		6.26	13.50	0.10	1.0	1.580	2.59	22.8	22.8	0.85	1790	12.20	0.04	5.6	14.9	430
M358751		3.02	15.85	0.11	1.2	0.115	2.58	20.5	13.9	0.82	640	2.98	1.97	7.6	2.8	600
M358752		2.96	15.40	0.11	1.1	0.047	2.54	22.6	13.0	0.82	550	1.83	2.21	7.4	2.9	600
M358753		4.26	16.75	0.11	1.0	0.177	3.03	28.6	17.2	0.87	1150	1.37	0.57	7.4	2.6	590
M358754		0.46	0.42	0.12	<0.1	0.006	0.03	0.6	1.3	12.25	209	0.43	0.01	0.3	1.8	240
M358755		2.93	16.10	0.14	1.0	0.074	2.43	20.3	14.3	0.89	644	1.75	2.24	7.6	2.8	600
M358756		3.00	16.50	0.13	1.1	0.078	2.30	22.3	18.1	1.00	629	3.57	2.35	8.3	2.8	630
M358757		2.92	16.30	0.12	1.1	0.060	2.45	23.0	17.3	0.92	563	3.19	2.29	8.0	2.8	600
M358758		2.91	15.75	0.12	1.0	0.063	2.41	24.6	16.4	0.94	572	3.46	2.22	7.5	2.8	590
M358759		2.97	15.80	0.11	1.0	0.072	2.34	20.1	15.8	0.95	579	1.76	2.23	7.3	2.8	620
M358760		3.35	15.90	0.11	1.0	0.091	2.52	23.8	20.4	0.99	650	3.34	2.18	7.7	3.0	700
M358761		2.74	18.35	0.09	3.2	0.032	2.27	28.5	23.7	1.17	669	0.80	2.09	7.5	8.5	860
M358762		5.28	14.80	0.09	1.2	0.983	2.80	22.0	22.1	0.71	2010	11.90	0.26	7.2	15.0	510
M358763		2.93	19.45	0.12	3.2	0.032	2.65	26.6	38.8	1.17	688	1.06	1.16	7.6	8.1	890
M358764		3.58	16.95	0.11	1.1	0.171	2.73	20.8	20.7	0.71	843	0.99	0.61	8.0	2.5	690
M358765		3.89	17.95	0.11	1.1	0.099	2.77	22.0	23.8	0.75	620	1.01	0.85	8.5	2.3	720
M358766		3.83	17.65	0.12	1.0	0.093	2.68	23.2	23.8	0.73	592	1.19	0.84	8.6	2.3	710
M358767		3.33	18.20	0.10	1.0	0.183	2.83	20.7	34.8	0.38	809	1.28	0.09	8.4	2.7	680
M358768		3.45	16.85	0.13	1.1	0.092	2.56	26.6	14.7	0.97	721	2.86	1.67	7.9	2.4	650
M358769		1.71	15.95	0.10	1.2	0.154	3.17	22.5	5.7	0.45	510	4.53	1.56	7.4	1.1	670
M358770		2.74	17.10	0.11	1.1	0.195	2.78	36.3	14.0	0.96	967	3.57	0.20	7.5	2.0	640
M358771		3.14	16.85	0.10	1.1	0.050	2.61	25.6	6.7	0.85	551	1.94	2.11	7.8	2.3	610
M358772		3.35	16.85	0.13	1.1	0.071	2.86	26.0	18.6	0.88	613	1.35	1.70	7.9	1.9	610
M358773		3.29	17.05	0.12	1.3	0.063	2.92	23.9	16.1	0.73	490	4.90	1.46	8.3	1.8	600



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**CERTIFICATE OF ANALYSIS WH12210746**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358738		204	95.9	0.003	1.96	18.70	9.5	1	3.6	213	0.43	0.27	8.5	0.231	1.52	6.1
M358739		1.7	1.2	0.003	<0.01	0.10	0.1	<1	0.2	40.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M358740		14.5	70.4	0.004	0.10	9.49	12.1	1	2.0	98.7	0.60	<0.05	9.1	0.296	1.12	2.3
M358741		13.1	101.5	0.003	0.49	14.20	10.0	1	2.2	148.5	0.62	0.08	10.0	0.254	1.92	3.6
M358742		14.1	84.4	0.017	0.20	6.44	10.7	<1	1.7	322	0.56	<0.05	9.6	0.264	1.33	3.1
M358743		34.1	79.1	0.005	0.19	3.29	10.2	1	1.7	354	0.59	<0.05	9.0	0.257	1.24	3.2
M358744		211	96.4	0.002	0.38	6.71	11.6	1	2.5	216	0.59	0.05	10.9	0.282	1.49	3.0
M358745		50.5	129.5	0.005	1.07	10.65	12.3	1	4.4	96.5	0.53	0.07	10.6	0.263	1.79	3.0
M358746		18.1	123.5	0.002	0.31	6.87	12.6	1	2.6	259	0.51	0.14	9.6	0.275	1.82	3.2
M358747		15.0	83.5	0.003	0.02	1.88	11.2	1	1.7	377	0.60	<0.05	10.3	0.274	1.07	3.6
M358748		15.3	100.0	0.004	0.31	4.23	11.0	1	3.1	242	0.64	<0.05	11.2	0.259	1.57	3.6
M358749		16.3	95.1	0.003	0.07	2.04	10.7	1	1.9	335	0.68	<0.05	12.6	0.254	1.19	4.1
M358750		2720	150.5	0.003	4.61	89.5	8.0	1	7.6	84.9	0.43	0.38	9.5	0.177	2.36	4.9
M358751		22.2	88.0	0.003	0.18	2.49	10.7	1	2.0	340	0.56	0.06	9.7	0.262	1.23	3.6
M358752		15.3	91.7	0.003	0.02	1.85	10.9	1	1.9	369	0.57	<0.05	11.1	0.262	1.16	3.8
M358753		102.0	165.5	0.005	1.49	6.04	11.9	<1	8.4	139.0	0.59	<0.05	12.1	0.259	2.11	4.3
M358754		1.3	1.4	0.002	<0.01	0.05	0.2	<1	0.2	49.8	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M358755		14.0	75.9	0.004	0.09	1.87	10.8	1	2.7	398	0.57	<0.05	9.4	0.271	1.27	3.5
M358756		15.1	79.7	0.003	0.22	2.49	11.3	1	2.5	439	0.66	0.05	10.3	0.274	1.23	4.0
M358757		20.6	95.6	0.003	0.21	1.60	11.2	2	2.2	434	0.63	<0.05	11.1	0.264	1.25	3.9
M358758		19.9	99.3	0.005	0.21	1.45	11.2	1	2.0	426	0.63	0.05	12.2	0.266	1.23	4.3
M358759		49.4	83.9	0.003	0.12	1.47	11.1	1	2.2	461	0.55	0.05	9.6	0.270	1.13	3.4
M358760		14.5	91.9	0.003	0.11	1.87	12.2	1	2.8	424	0.57	<0.05	10.2	0.304	1.23	3.2
M358761		15.4	76.7	<0.002	0.09	4.81	9.4	1	1.4	521	0.53	<0.05	8.7	0.317	0.96	4.9
M358762		1375	160.0	<0.002	3.06	34.7	8.3	1	6.2	146.5	0.57	0.27	12.0	0.208	2.60	5.4
M358763		17.4	86.1	<0.002	0.05	7.65	9.3	1	1.5	359	0.53	<0.05	8.1	0.327	1.20	4.3
M358764		25.1	132.0	<0.002	0.30	8.73	11.8	1	3.7	183.0	0.62	0.05	11.5	0.289	1.95	3.7
M358765		19.0	98.0	<0.002	0.10	6.43	12.6	1	2.9	237	0.65	0.05	12.0	0.306	1.46	3.1
M358766		19.4	99.0	<0.002	0.07	6.16	12.2	1	2.8	227	0.67	<0.05	12.4	0.315	1.45	2.9
M358767		18.7	122.5	<0.002	0.21	9.79	12.7	1	4.0	93.9	0.66	<0.05	11.4	0.295	1.63	2.6
M358768		17.0	105.5	<0.002	0.12	3.52	11.6	1	2.3	321	0.63	<0.05	12.7	0.277	1.37	4.1
M358769		12.0	163.5	<0.002	0.02	9.69	10.6	1	2.2	333	0.62	<0.05	12.3	0.262	2.37	3.6
M358770		16.9	136.5	<0.002	0.20	8.19	11.3	1	3.4	130.0	0.58	0.08	13.7	0.252	1.91	5.1
M358771		16.3	98.5	<0.002	0.02	2.48	10.4	1	2.2	406	0.65	<0.05	12.4	0.271	1.20	4.5
M358772		38.5	117.5	<0.002	0.20	7.23	10.7	1	2.0	344	0.64	0.07	13.1	0.259	1.57	4.7
M358773		18.2	116.0	<0.002	0.04	5.85	10.7	1	2.4	280	0.76	<0.05	14.0	0.256	1.41	4.9



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To: ROCKHAVEN RESOURCES LTD.  
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 LIMITED  
 1016 - 510 W HASTINGS STREET  
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 Account: ROCKHA

Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12210746**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358738		64	4.1	13.6	402	53.5	3
M358739		2	0.1	0.7	13	<0.5	<1
M358740		79	6.9	12.2	52	30.8	<1
M358741		68	3.0	13.2	59	29.6	<1
M358742		74	1.9	14.1	45	28.3	<1
M358743		71	1.9	14.4	121	29.4	<1
M358744		79	4.6	15.5	777	28.3	1
M358745		72	4.2	13.9	86	26.7	1
M358746		75	1.6	17.1	72	24.9	<1
M358747		75	2.0	15.1	43	26.4	<1
M358748		71	3.1	15.1	51	31.1	1
M358749		69	1.0	15.6	45	35.3	<1
M358750		52	4.8	9.4	5060	25.4	26
M358751		71	0.9	15.6	60	29.1	1
M358752		73	0.7	15.2	44	25.3	<1
M358753		73	3.7	13.2	121	23.8	1
M358754		3	0.1	1.2	15	<0.5	<1
M358755		76	0.7	15.0	46	24.4	<1
M358756		76	0.8	17.0	54	24.7	1
M358757		72	0.7	15.8	53	24.5	1
M358758		73	0.7	16.2	55	23.5	<1
M358759		75	0.8	16.3	80	23.1	<1
M358760		86	0.8	15.6	57	23.7	<1
M358761		86	1.1	14.5	58	108.5	<1
M358762		59	5.0	11.0	2980	34.2	10
M358763		88	1.1	14.2	64	109.0	<1
M358764		81	2.4	15.7	72	26.6	<1
M358765		89	3.6	16.0	55	24.8	<1
M358766		90	3.7	16.0	57	24.5	<1
M358767		86	10.7	13.7	55	23.6	<1
M358768		80	1.5	17.1	57	24.1	<1
M358769		76	5.0	15.1	35	26.9	<1
M358770		79	2.5	19.1	84	24.9	<1
M358771		79	1.7	16.2	40	25.4	<1
M358772		74	1.8	15.2	58	27.5	<1
M358773		74	5.0	15.2	42	29.1	<1



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**CERTIFICATE OF ANALYSIS WH12210746**

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



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## CERTIFICATE WH12210747

Project: Klaza-123

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12210747**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358774		4.32	0.031	1.06	7.03	52.4	2470	1.19	1.51	3.44	0.65	53.6	11.4	8	15.85	112.5
M358775		2.44	0.019	1.75	7.44	32.8	2940	1.33	3.04	2.68	0.80	50.1	9.7	8	11.05	112.0
M358776		0.27	4.43	>100	5.38	8370	420	1.13	63.2	1.92	224	34.9	8.7	16	11.95	1280
M358777		6.95	0.008	0.22	7.51	9.4	1980	1.66	1.16	2.36	0.20	50.7	4.6	9	11.20	27.0
M358778		2.20	0.042	0.78	7.58	33.6	2390	1.63	7.57	2.39	0.17	43.7	7.7	9	11.20	79.5
M358779		2.97	5.09	37.4	4.60	8600	140	1.07	71.9	1.59	40.8	31.7	44.1	10	8.29	2210
M358780		2.97	<0.005	0.06	0.09	<5	20	0.05	0.12	20.9	0.09	2.09	1.3	<1	0.20	4.5
M358781		6.86	0.049	0.47	7.07	62.8	690	1.53	0.43	3.19	0.53	63.2	7.1	15	19.05	25.2
M358782		7.52	0.019	0.25	7.47	37.5	1070	1.79	0.19	2.89	0.21	63.7	7.0	15	15.85	20.0
M358783		2.66	0.015	0.47	6.96	35.3	1770	2.03	1.32	2.67	0.32	65.0	6.7	15	22.6	31.6
M358784		3.87	0.481	2.49	6.65	514	770	1.56	1.79	2.60	16.40	40.1	9.1	57	15.10	69.9
M358785		2.38	0.574	4.45	7.17	558	1500	1.54	0.20	3.82	46.4	42.1	10.0	64	13.35	57.5
M358786		3.19	1.885	13.90	6.21	527	610	1.02	36.3	0.74	44.2	35.0	17.9	17	4.19	113.0
M358787		3.20	<0.005	0.05	0.08	<5	40	0.05	0.16	20.6	0.24	1.44	1.1	<1	0.17	1.4
M358788		3.37	0.104	3.31	7.27	84.9	280	1.58	9.10	1.47	1.95	50.6	8.9	6	6.69	103.0
M358789		4.41	0.108	3.43	7.63	131.5	480	1.80	6.83	2.42	1.29	53.6	9.0	6	11.65	169.5
M358790		2.81	0.044	1.99	7.37	65.9	650	1.54	4.54	2.69	1.47	52.6	7.8	7	11.45	83.8
M358791		2.89	0.017	1.14	7.30	58.1	1620	1.61	2.95	3.24	4.81	50.4	5.2	7	16.20	97.1
M358792		3.56	0.018	0.86	7.28	52.8	1090	1.49	2.68	2.74	0.74	45.7	5.9	7	10.75	80.8
M358793		5.06	0.011	0.27	7.96	17.9	1390	1.36	1.74	2.02	0.22	56.5	5.3	8	8.46	40.0
M358794		2.82	0.008	0.29	7.95	15.6	1230	1.35	1.47	1.88	0.22	54.8	4.6	7	8.74	36.8
M358795		2.44	0.012	0.51	7.89	28.0	2400	1.42	1.00	2.78	0.25	55.7	5.9	7	9.31	54.5
M358796		3.17	0.095	1.78	7.52	196.0	1130	1.04	2.07	2.91	1.44	55.4	7.6	7	15.95	212
M358797		2.39	0.009	0.22	6.89	21.3	2830	1.21	0.97	2.27	0.14	48.5	5.1	7	11.70	27.5
M358798		0.27	2.28	24.0	5.65	3200	540	1.18	18.80	2.05	74.4	45.0	11.1	17	15.45	419
M358799		4.12	0.007	0.30	6.98	18.8	1600	1.16	1.19	2.47	0.21	44.3	4.3	7	7.95	28.4
M358800		4.64	0.028	1.03	7.22	50.2	2070	1.44	2.96	2.81	1.93	56.0	4.2	7	13.55	78.3
M358801		2.44	0.343	8.04	6.62	1395	190	1.38	16.90	0.68	0.88	34.7	7.3	8	6.29	93.9
M358802		3.42	0.031	0.44	7.16	53.8	1700	1.82	0.49	2.97	0.20	66.5	10.2	15	16.45	13.5
M358803		<0.02	0.019	0.74	7.11	47.9	1780	1.84	0.43	3.01	0.21	62.0	8.7	16	16.10	13.1
M358804		2.68	1.020	15.05	6.08	5240	80	1.21	49.7	1.18	11.25	38.8	9.2	7	6.90	159.0
M358805		2.41	0.138	4.20	6.91	886	270	1.54	8.47	0.33	6.29	44.5	9.3	7	8.56	103.5
M358806		3.83	0.411	4.83	6.93	1230	260	1.42	8.20	1.45	3.56	51.3	10.4	7	10.85	125.0
M358807		3.26	0.008	0.45	7.31	21.8	2510	1.44	1.81	2.03	0.17	42.7	3.3	7	11.70	60.8
M358808		4.14	0.008	0.27	7.24	14.9	2520	1.72	1.74	2.16	0.18	48.9	4.4	7	10.65	30.2
M358809		2.33	0.015	0.20	7.72	17.4	2250	1.25	1.56	0.91	0.12	40.7	5.5	8	9.31	21.1



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**CERTIFICATE OF ANALYSIS WH12210747**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358774		3.84	15.25	0.12	1.0	0.201	2.55	30.0	18.0	1.07	1230	6.78	0.07	6.6	2.9	540
M358775		3.65	16.50	0.14	1.2	0.177	3.07	26.2	14.1	0.82	699	5.03	1.54	8.5	3.6	620
M358776		7.90	12.55	0.13	1.0	5.09	2.25	18.0	29.5	0.62	3040	14.00	0.08	5.4	12.7	460
M358777		3.21	15.85	0.11	1.3	0.150	2.73	26.5	14.6	0.79	483	4.72	1.76	8.2	1.8	530
M358778		3.29	16.70	0.12	1.2	0.207	2.80	23.3	18.5	0.82	466	3.18	1.56	8.0	2.3	580
M358779		14.05	11.55	0.25	1.0	1.180	1.96	16.2	11.7	0.47	1340	4.34	0.07	4.9	2.1	470
M358780		0.53	0.32	0.09	<0.1	<0.005	0.04	1.1	1.0	13.25	219	0.17	0.01	0.4	<0.2	180
M358781		2.26	17.25	0.10	3.5	0.028	3.04	33.8	24.8	1.02	2420	1.97	0.04	9.6	5.9	1030
M358782		2.49	18.60	0.12	3.5	0.026	3.24	33.7	54.5	1.04	1270	1.50	0.05	10.2	5.8	1030
M358783		2.28	16.85	0.11	3.3	0.036	2.58	35.0	132.5	1.04	899	2.01	0.09	9.7	5.5	970
M358784		4.21	15.35	0.10	1.7	0.570	2.83	22.6	31.3	1.13	1840	3.06	0.04	6.0	20.7	580
M358785		3.00	16.50	0.10	1.7	0.464	2.92	23.9	28.2	1.44	1320	3.04	0.04	6.6	24.6	650
M358786		9.36	14.00	0.14	0.9	0.657	2.90	17.8	5.3	0.48	655	1.48	0.05	4.3	4.3	450
M358787		0.50	0.30	0.12	<0.1	<0.005	0.03	0.7	1.0	13.05	217	0.12	<0.01	0.3	<0.2	220
M358788		4.87	15.75	0.11	1.3	0.328	3.43	26.9	6.6	0.81	812	3.24	0.05	6.3	1.7	470
M358789		4.38	16.30	0.09	1.1	0.326	3.47	30.1	10.8	1.03	1000	4.92	0.04	7.0	2.3	540
M358790		3.98	15.05	0.09	1.0	0.313	3.35	29.0	11.0	1.02	1280	3.33	0.04	6.6	2.1	550
M358791		3.25	16.25	0.08	1.0	0.314	2.97	26.7	17.2	1.11	1650	2.24	0.05	7.2	1.6	570
M358792		3.43	16.95	0.10	1.1	0.217	2.33	23.1	34.4	0.94	1060	6.55	0.04	7.6	2.7	590
M358793		3.10	17.00	0.09	1.1	0.179	1.21	30.3	102.0	0.77	772	4.16	0.03	8.0	1.7	600
M358794		2.98	16.80	0.09	1.1	0.142	1.15	29.1	110.0	0.71	717	3.66	0.03	8.0	1.4	620
M358795		3.62	17.10	0.11	1.0	0.167	1.60	31.0	67.1	1.04	940	3.43	0.03	7.6	1.3	600
M358796		3.89	16.30	0.10	1.0	0.332	2.75	31.2	18.4	1.05	1460	6.45	0.04	6.8	2.0	580
M358797		3.28	17.60	0.15	1.0	0.080	1.81	22.7	96.4	0.77	887	1.61	0.03	7.7	2.4	570
M358798		6.26	15.40	0.18	0.8	1.625	2.46	22.3	25.1	0.83	1800	13.90	0.04	6.0	14.9	430
M358799		3.07	17.90	0.15	1.1	0.084	1.75	20.1	64.2	0.81	816	8.97	0.05	7.9	2.6	600
M358800		3.13	17.60	0.18	1.1	0.294	2.60	27.7	70.8	1.00	1160	1.89	0.04	7.4	2.7	590
M358801		4.70	17.10	0.15	1.2	0.253	3.19	15.8	8.9	0.42	505	3.34	0.04	6.4	2.9	530
M358802		2.64	19.60	0.20	3.3	0.023	2.76	32.8	87.1	1.09	700	2.06	0.07	10.2	6.2	1030
M358803		2.62	19.90	0.20	3.2	0.025	2.78	29.2	86.1	1.09	712	2.03	0.08	10.4	6.4	1060
M358804		7.34	15.90	0.22	1.0	0.489	2.86	17.6	7.4	0.60	663	1.95	0.04	6.1	2.9	540
M358805		4.51	16.45	0.17	1.0	0.321	3.39	21.0	5.9	0.37	280	2.78	0.05	6.1	2.2	540
M358806		4.70	18.40	0.17	1.0	0.603	3.11	24.7	16.4	0.65	1190	6.83	0.04	7.0	2.8	540
M358807		2.85	18.45	0.15	1.1	0.287	2.81	18.7	30.7	0.62	626	31.9	0.37	8.1	2.5	620
M358808		2.85	17.55	0.17	1.4	0.361	2.62	22.7	26.7	0.68	562	1.12	0.52	7.7	2.2	530
M358809		2.90	19.25	0.14	1.1	0.223	2.37	18.2	29.5	0.45	595	1.25	0.08	8.0	2.6	620



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**CERTIFICATE OF ANALYSIS WH12210747**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358774		39.4	138.0	<0.002	0.46	22.9	10.2	1	2.5	149.5	0.58	0.15	13.2	0.230	4.2
M358775		78.9	142.5	<0.002	0.29	7.26	12.3	1	2.8	275	0.69	0.15	14.0	0.266	5.1
M358776		9570	132.5	0.002	6.80	220	6.8	2	9.4	119.0	0.43	0.50	9.7	0.181	6.0
M358777		19.6	126.5	<0.002	0.08	3.48	10.4	1	2.4	317	0.86	<0.05	17.3	0.241	6.1
M358778		63.1	122.0	<0.002	0.41	5.73	10.6	1	2.9	309	0.75	0.16	15.2	0.252	6.1
M358779		2980	100.5	<0.002	>10.0	66.0	5.7	3	12.1	90.3	0.36	2.33	8.1	0.160	6.3
M358780		4.0	2.0	<0.002	0.02	0.18	0.4	1	<0.2	44.6	<0.05	<0.05	0.2	<0.005	0.4
M358781		30.5	176.0	<0.002	0.62	11.45	6.8	1	2.0	155.0	0.70	<0.05	9.6	0.277	5.1
M358782		9.6	167.0	<0.002	0.41	9.72	7.1	1	2.8	137.0	0.69	<0.05	10.0	0.282	6.2
M358783		18.0	135.0	<0.002	0.31	23.3	7.3	1	1.8	238	0.68	<0.05	10.1	0.270	8.2
M358784		279	183.5	<0.002	1.84	28.9	8.2	1	8.3	173.0	0.53	<0.05	9.5	0.192	7.4
M358785		755	168.0	<0.002	0.68	34.5	8.8	1	5.3	290	0.57	<0.05	10.1	0.210	6.1
M358786		1285	158.5	<0.002	9.74	14.25	8.2	3	13.3	29.7	0.37	1.94	10.8	0.154	2.8
M358787		5.0	1.7	<0.002	0.02	0.13	0.2	1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	0.6
M358788		138.0	201	<0.002	4.05	18.05	9.0	2	6.8	74.3	0.78	0.41	17.0	0.177	4.8
M358789		131.0	210	<0.002	3.02	18.10	10.6	2	5.6	109.5	0.62	0.61	15.6	0.220	15.0
M358790		89.2	201	<0.002	2.49	11.35	10.3	2	5.0	112.5	0.57	0.46	12.6	0.229	5.5
M358791		88.3	123.5	<0.002	1.16	11.00	10.3	1	3.1	163.5	0.61	0.27	13.1	0.246	4.0
M358792		34.0	83.1	<0.002	1.46	9.32	10.7	2	3.4	214	0.64	0.27	11.8	0.255	3.6
M358793		14.9	61.0	<0.002	0.40	11.00	12.1	1	2.7	206	0.72	0.11	14.9	0.263	2.5
M358794		14.9	54.7	<0.002	0.28	10.20	11.7	1	2.8	220	0.70	0.27	14.4	0.267	2.2
M358795		19.2	87.2	<0.002	0.75	8.52	11.8	1	4.0	228	0.64	0.11	15.3	0.258	3.0
M358796		60.9	170.5	<0.002	1.71	25.0	10.4	2	3.4	150.5	0.57	0.24	14.9	0.242	5.2
M358797		11.9	65.5	<0.002	0.71	8.51	11.3	1	2.8	190.0	0.64	0.12	11.9	0.244	2.5
M358798		2670	153.0	<0.002	4.38	84.0	8.1	1	7.5	88.4	0.46	0.35	9.7	0.171	4.7
M358799		16.6	58.6	<0.002	0.47	8.47	11.4	1	2.5	212	0.64	0.15	11.2	0.244	2.8
M358800		38.7	151.0	<0.002	0.72	12.30	11.6	1	2.9	215	0.65	0.21	13.5	0.239	4.2
M358801		113.0	188.5	<0.002	4.16	13.85	9.3	1	7.6	31.5	0.55	0.68	11.2	0.201	4.4
M358802		13.3	128.5	<0.002	0.37	5.41	7.5	1	1.4	205	0.68	0.06	9.5	0.275	4.4
M358803		11.5	109.5	<0.002	0.30	5.40	7.4	1	1.4	207	0.70	0.05	8.9	0.283	4.3
M358804		383	168.0	<0.002	6.72	26.0	9.4	2	8.4	35.7	0.49	0.74	9.8	0.198	3.1
M358805		131.5	199.5	<0.002	3.97	10.10	10.0	1	8.8	19.3	0.52	0.48	11.9	0.203	2.8
M358806		99.3	180.5	0.002	3.51	17.55	10.8	2	8.0	62.6	0.57	0.54	12.6	0.217	4.7
M358807		19.8	104.5	0.004	0.40	9.08	11.9	1	2.8	167.0	0.67	0.09	11.5	0.246	4.6
M358808		13.8	99.9	<0.002	0.37	9.84	10.9	1	3.4	179.0	0.78	0.11	16.2	0.216	4.6
M358809		12.6	96.5	<0.002	0.68	9.70	12.2	1	3.7	78.0	0.66	0.12	12.4	0.250	3.2





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 Account: ROCKHA

Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12210747**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358774		71	2.2	18.1	88	23.3	1	
M358775		81	2.3	19.1	82	28.5	2	
M358776		54	4.3	9.3	>10000	28.9	122	1.630
M358777		68	1.6	16.4	54	28.0	<1	
M358778		73	2.4	16.0	41	26.0	<1	
M358779		47	3.0	8.9	2190	32.1	38	
M358780		2	0.1	0.8	15	<0.5	<1	
M358781		61	2.4	13.6	70	121.5	<1	
M358782		64	3.0	13.6	60	126.5	<1	
M358783		60	2.7	13.6	55	113.0	<1	
M358784		68	3.3	9.7	913	45.3	2	
M358785		77	2.5	10.9	1790	46.8	5	
M358786		58	7.4	7.9	2130	20.5	14	
M358787		2	0.1	0.8	24	<0.5	<1	
M358788		59	4.8	10.3	153	26.8	3	
M358789		67	3.8	15.5	112	26.4	3	
M358790		66	2.3	14.5	130	23.1	2	
M358791		72	2.0	14.8	409	22.8	1	
M358792		78	2.2	13.8	85	23.9	1	
M358793		79	7.3	15.5	59	25.5	<1	
M358794		80	5.0	14.2	57	25.2	<1	
M358795		80	3.4	17.5	59	23.6	<1	
M358796		70	2.9	15.4	139	22.9	2	
M358797		72	2.1	14.3	54	25.2	<1	
M358798		54	5.0	9.7	5220	23.7	26	
M358799		71	4.4	14.3	56	25.7	<1	
M358800		69	2.3	15.2	200	25.6	1	
M358801		61	5.9	6.6	90	33.7	9	
M358802		59	1.3	13.8	60	125.0	<1	
M358803		60	1.4	13.3	61	125.5	<1	
M358804		65	6.2	6.5	929	28.2	16	
M358805		63	6.0	5.6	487	24.5	4	
M358806		65	5.0	10.0	291	24.9	5	
M358807		75	2.7	12.2	58	26.7	1	
M358808		66	2.2	12.4	52	31.8	1	
M358809		71	3.7	12.2	50	26.9	<1	



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**CERTIFICATE OF ANALYSIS WH12210747**

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



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**CERTIFICATE WH12210748**

Project: Klaza-123

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12210748**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358810		3.46	0.041	1.28	7.15	57.3	1130	1.43	3.82	1.83	0.29	52.6	4.3	8	9.96	57.7
M358811		2.05	0.005	0.16	7.55	11.6	3150	1.40	0.75	1.32	0.11	42.9	5.4	8	12.00	10.0
M358812		0.25	2.29	26.7	5.81	3060	1440	1.33	19.10	2.26	81.7	45.2	10.2	19	14.90	445
M358813		5.60	0.009	0.52	6.93	26.8	2500	1.53	2.27	2.21	0.20	41.5	5.0	8	9.93	54.8
M358814		2.96	0.025	1.29	6.96	223	1640	1.48	2.69	2.04	1.04	49.3	5.8	8	11.20	38.3
M358815		3.01	<0.005	0.66	7.16	20.8	1770	1.54	4.47	2.39	0.71	44.2	2.1	8	8.55	62.0
M358816		3.00	0.101	7.99	6.52	189.5	750	1.18	11.80	2.65	17.10	41.2	12.5	8	8.35	127.0
M358817		3.40	<0.005	0.08	0.09	<5	40	0.08	0.06	21.5	0.12	1.37	0.6	<1	0.25	3.3
M358818		1.82	<0.005	0.45	6.89	54.1	1380	2.12	0.41	2.93	0.47	50.4	5.5	31	22.6	16.3
M358819		2.48	0.021	1.07	7.12	36.0	1480	1.28	2.64	2.06	4.14	44.7	4.0	7	8.10	22.9
M358820		2.76	<0.005	0.63	7.11	27.9	1310	1.46	2.11	2.33	0.45	48.9	3.8	7	15.00	22.0
M358821		4.05	<0.005	0.61	6.87	28.7	2510	1.52	1.62	2.39	0.51	53.1	7.1	7	14.70	71.2
M358822		2.79	<0.005	0.25	8.04	7.6	1760	1.37	0.67	0.50	0.19	53.5	5.4	9	10.30	10.3
M358823		5.49	<0.005	0.65	7.16	18.2	1620	1.43	1.38	2.09	0.45	47.1	6.9	8	10.80	34.7
M358824		<0.02	0.006	0.56	7.25	19.0	1640	1.49	1.48	2.09	0.39	48.9	7.4	8	10.40	32.9
M358825		3.69	<0.005	0.51	6.25	22.3	1850	1.37	1.29	3.37	0.40	48.9	5.7	7	9.58	19.1
M358826		5.02	0.023	1.56	5.56	72.7	810	1.58	2.68	2.90	0.74	42.0	14.2	6	26.4	175.5
M358827		2.70	0.010	1.09	7.11	41.6	1920	1.71	2.87	2.66	0.43	48.8	4.5	7	18.20	44.5
M358828		3.47	0.364	29.5	5.37	503	1230	1.23	58.1	3.07	4.43	37.8	13.3	6	10.90	413
M358829		3.22	<0.005	0.10	0.06	<5	20	0.06	0.10	20.8	0.07	1.09	0.7	<1	0.18	1.8
M358830		2.03	<0.005	0.55	5.44	16.2	2640	1.24	1.31	3.52	0.30	41.1	4.9	6	8.99	12.2
M358831		3.21	<0.005	1.13	6.84	15.5	1990	1.59	2.49	2.69	0.47	47.1	9.8	10	9.01	26.7
M358832		7.77	0.040	1.58	7.16	18.5	2280	1.56	4.64	2.96	0.17	51.3	6.2	8	10.10	55.4
M358833		3.16	<0.005	0.85	7.19	99.2	1960	1.56	1.10	2.60	1.46	54.8	2.4	7	10.55	20.7
M358834		4.28	<0.005	0.69	7.14	10.9	2040	1.58	3.87	3.35	0.12	50.6	6.4	8	10.05	60.2
M358835		3.02	<0.005	0.33	6.54	20.6	1710	1.69	0.70	2.39	0.70	47.0	7.1	7	14.35	19.5
M358836		6.04	0.007	0.54	7.29	13.1	2170	1.56	1.58	2.55	0.60	43.8	6.9	9	11.10	43.5
M358837		2.12	<0.005	0.28	7.06	10.3	2030	1.61	0.82	2.50	0.34	40.4	6.4	9	10.40	31.9
M358838		7.91	0.018	0.15	6.92	6.4	2090	1.52	0.48	2.72	0.25	46.5	5.3	10	8.81	14.9
M358839		0.26	0.851	10.80	6.51	1715	1220	1.60	6.59	1.93	43.4	46.4	16.1	19	16.60	111.0
M358840		2.62	0.010	0.43	6.86	12.7	1900	1.61	0.83	2.61	0.32	44.1	6.4	9	7.91	26.9
M358841		5.28	0.005	0.28	7.16	10.3	2040	1.55	0.67	2.49	0.31	48.1	5.6	9	8.26	46.8
M358842		2.97	0.006	0.41	7.19	9.1	2040	1.54	0.76	2.82	0.28	45.9	6.1	10	5.93	53.7
M358843		4.85	<0.005	0.16	7.19	9.4	2190	1.58	0.51	2.76	0.17	48.2	7.6	10	6.62	15.5
M358844		4.13	<0.005	0.13	7.18	5.5	2230	1.61	0.32	2.68	0.15	42.8	6.0	10	6.61	12.6
M358845		2.51	0.012	0.59	7.09	20.1	1780	1.47	1.12	2.31	0.52	44.6	5.9	9	10.20	18.8



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Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12210748**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358810		4.03	15.75	0.14	1.1	0.289	2.83	28.0	25.9	0.86	979	0.92	0.06	6.4	2.8	560
M358811		3.35	17.15	0.12	1.2	0.108	2.79	20.7	26.4	0.53	520	0.67	0.14	8.1	2.3	620
M358812		6.67	13.80	0.13	1.0	1.725	2.65	23.6	23.7	0.94	1940	13.00	0.04	5.6	15.0	450
M358813		3.21	15.35	0.12	1.1	0.218	2.89	18.9	20.0	0.61	643	1.24	0.76	7.0	2.5	590
M358814		3.80	14.25	0.12	1.1	0.286	3.12	26.6	24.0	0.95	1460	1.55	0.05	6.2	2.5	570
M358815		2.92	15.80	0.11	1.1	0.226	2.44	20.7	58.2	0.92	725	2.32	0.05	7.7	2.4	640
M358816		5.02	13.95	0.10	1.2	0.230	2.26	20.7	37.4	0.99	982	2.78	0.04	6.1	4.8	550
M358817		0.50	0.26	0.06	<0.1	0.005	0.04	0.6	1.2	13.25	218	0.13	<0.01	0.2	1.4	220
M358818		2.20	19.65	0.15	4.0	0.034	2.80	24.9	21.5	0.97	581	1.65	0.05	8.9	21.6	630
M358819		3.72	15.05	0.10	1.0	0.402	2.33	23.0	52.4	0.86	1130	2.14	0.04	6.6	2.3	580
M358820		3.16	15.75	0.13	1.1	0.249	2.01	25.5	71.8	0.91	945	2.86	0.03	7.6	2.2	600
M358821		3.06	14.85	0.11	1.1	0.136	1.84	27.6	52.6	0.91	964	1.62	0.04	6.8	2.8	550
M358822		2.73	16.10	0.14	1.2	0.076	1.78	26.4	55.1	0.34	599	2.28	0.05	8.2	3.0	690
M358823		3.41	15.70	0.12	1.2	0.119	1.81	25.3	57.7	0.81	977	0.68	0.05	7.2	2.5	630
M358824		3.45	16.05	0.13	1.2	0.129	1.82	23.5	63.5	0.81	979	0.70	0.05	7.3	2.5	660
M358825		3.44	13.05	0.10	1.1	0.192	1.79	25.7	52.3	1.24	1080	0.83	0.04	6.0	2.0	500
M358826		3.99	13.05	0.10	0.7	0.417	1.93	23.0	50.8	0.98	1040	0.77	0.05	4.9	3.1	460
M358827		3.45	14.95	0.11	1.2	0.281	2.23	26.6	98.8	0.99	1020	0.95	0.04	6.4	2.5	570
M358828		8.75	11.80	0.12	0.9	0.408	2.00	19.2	53.6	1.19	1720	4.98	0.03	5.3	2.5	420
M358829		0.50	0.19	0.05	<0.1	0.007	0.02	0.5	1.2	12.95	234	0.18	<0.01	0.1	1.5	160
M358830		2.99	11.55	0.11	0.7	0.186	1.64	22.0	122.5	1.16	1140	1.69	0.03	4.9	1.9	440
M358831		3.23	15.85	0.14	1.0	0.365	2.54	21.5	44.3	0.78	933	5.41	0.12	7.0	3.1	660
M358832		3.64	15.20	0.14	1.0	0.259	2.30	23.4	28.8	0.78	796	4.48	0.96	6.8	2.3	620
M358833		3.92	14.40	0.13	1.2	0.291	2.71	30.6	24.2	0.84	1260	0.52	0.72	6.3	2.2	570
M358834		3.28	15.55	0.12	1.3	0.121	2.34	25.9	19.3	0.84	772	0.57	1.39	7.4	2.4	600
M358835		3.68	14.70	0.13	1.2	0.126	2.60	23.1	68.1	0.88	1300	0.60	0.07	6.6	2.2	550
M358836		3.67	15.10	0.12	1.2	0.092	2.70	20.2	24.1	0.84	762	0.75	1.40	7.2	2.9	610
M358837		3.65	15.40	0.10	1.2	0.077	2.57	18.7	23.5	0.82	671	1.67	1.48	7.2	2.6	630
M358838		2.90	15.30	0.11	1.2	0.066	2.63	24.2	13.8	0.79	549	2.56	1.97	7.1	2.6	580
M358839		5.41	15.05	0.13	1.4	0.930	2.85	23.0	26.1	0.73	2030	11.85	0.27	7.4	15.2	500
M358840		3.38	14.95	0.11	1.3	0.093	2.53	22.2	16.7	0.82	671	1.11	1.75	7.2	2.4	570
M358841		3.11	15.90	0.11	1.4	0.082	2.58	23.0	15.5	0.89	553	0.76	2.14	7.7	2.9	580
M358842		3.03	15.25	0.11	1.5	0.064	2.63	22.2	11.2	0.84	551	1.56	2.26	7.4	2.8	590
M358843		3.17	16.60	0.11	1.3	0.099	2.39	25.3	13.2	0.98	677	0.78	2.20	7.9	3.0	600
M358844		3.22	16.50	0.09	1.3	0.073	2.33	21.9	11.7	0.94	636	0.57	2.42	7.7	2.8	610
M358845		3.99	16.20	0.10	1.3	0.234	2.77	21.6	13.4	0.93	1220	0.80	1.05	7.1	2.6	600



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**CERTIFICATE OF ANALYSIS WH12210748**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358810		22.9	156.0	0.002	1.95	9.81	10.7	1	6.6	128.5	0.59	0.25	13.8	0.240	3.6
M358811		15.1	106.0	<0.002	0.40	6.63	11.3	1	2.8	140.0	0.72	0.09	13.3	0.283	2.8
M358812		2880	162.0	0.002	4.88	93.6	8.2	1	8.0	90.0	0.47	0.37	10.6	0.185	5.0
M358813		15.2	120.0	0.002	0.96	7.05	9.9	1	3.3	210	0.66	0.47	12.0	0.257	4.1
M358814		47.8	201	<0.002	1.33	7.56	10.0	1	4.0	120.5	0.60	0.27	14.1	0.233	3.9
M358815		36.1	100.5	0.002	0.11	17.30	11.4	1	3.1	209	0.71	0.05	11.8	0.283	2.7
M358816		1685	118.5	<0.002	3.02	19.50	9.2	1	4.8	206	0.58	0.80	11.6	0.223	4.9
M358817		4.8	1.9	<0.002	<0.01	0.18	0.2	1	0.3	47.4	<0.05	<0.05	<0.2	<0.005	0.6
M358818		34.3	83.2	<0.002	0.17	7.79	5.5	1	2.0	386	0.78	<0.05	10.0	0.273	6.4
M358819		125.0	115.5	0.002	1.48	9.07	10.3	1	3.9	137.5	0.62	0.29	13.4	0.244	3.3
M358820		40.7	106.5	0.002	0.47	9.22	11.5	<1	3.1	180.5	0.73	0.08	13.8	0.266	3.3
M358821		27.7	90.4	0.002	0.49	18.65	10.7	1	3.1	157.5	0.61	0.09	13.8	0.242	3.3
M358822		14.9	79.5	<0.002	0.15	15.35	11.6	1	3.2	64.9	0.77	<0.05	15.2	0.302	3.7
M358823		31.9	64.4	<0.002	0.41	11.40	11.4	1	3.2	204	0.61	0.21	13.9	0.280	2.7
M358824		32.6	62.1	0.002	0.41	11.70	11.4	1	3.4	206	0.62	0.15	14.0	0.283	2.7
M358825		21.7	87.7	<0.002	0.77	10.50	9.7	1	3.1	169.0	0.55	0.15	13.3	0.217	2.7
M358826		32.5	99.2	0.002	1.73	25.4	8.9	1	3.9	147.5	0.42	0.34	10.1	0.190	4.8
M358827		54.6	114.5	0.002	0.73	14.35	10.8	1	3.2	148.0	0.60	0.09	14.6	0.247	3.6
M358828		453	116.5	0.003	7.50	69.4	8.1	2	4.4	109.0	0.49	1.07	10.1	0.189	6.4
M358829		2.1	1.3	<0.002	0.01	0.28	0.2	1	0.3	39.2	<0.05	<0.05	<0.2	<0.005	0.4
M358830		22.5	93.7	0.002	0.48	25.8	9.2	1	2.4	109.0	0.42	0.16	9.5	0.196	4.2
M358831		56.3	99.9	0.002	0.70	8.67	11.1	1	3.4	114.0	0.56	0.41	12.7	0.260	2.9
M358832		31.8	106.5	0.002	0.72	12.20	10.8	1	3.3	162.5	0.55	0.21	13.2	0.248	3.1
M358833		103.0	163.5	0.002	0.73	6.32	10.4	1	4.3	203	0.60	<0.05	15.9	0.237	4.1
M358834		17.9	94.8	<0.002	0.16	8.80	10.7	1	3.3	299	0.63	0.07	14.8	0.264	4.2
M358835		44.8	99.5	<0.002	0.38	13.30	10.0	1	3.9	114.0	0.62	0.08	12.8	0.244	4.3
M358836		41.2	100.0	<0.002	0.21	7.99	10.9	1	3.1	259	0.66	0.21	12.3	0.280	4.0
M358837		30.4	81.0	<0.002	0.15	6.53	9.9	1	2.9	291	0.65	0.09	11.4	0.282	3.7
M358838		26.4	102.5	0.002	0.12	2.68	10.2	<1	2.4	340	0.61	0.05	13.0	0.259	3.8
M358839		1385	159.5	0.002	3.14	33.5	8.8	1	6.2	149.0	0.61	0.23	11.6	0.212	4.9
M358840		18.6	93.5	0.002	0.72	3.34	10.3	1	2.5	301	0.64	0.17	13.9	0.261	4.0
M358841		24.3	94.9	<0.002	0.28	3.25	10.6	1	2.5	366	0.73	0.08	13.8	0.268	4.2
M358842		23.2	87.0	0.002	0.14	2.47	10.2	1	2.2	392	0.71	<0.05	14.2	0.263	4.2
M358843		17.4	98.3	<0.002	0.20	3.65	12.1	1	3.1	388	0.63	0.05	13.6	0.272	3.9
M358844		16.7	76.9	<0.002	0.08	2.35	11.4	1	3.0	402	0.60	<0.05	11.6	0.278	3.7
M358845		35.6	134.5	<0.002	0.69	4.65	11.0	<1	5.1	219	0.61	0.10	13.1	0.268	3.5



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**CERTIFICATE OF ANALYSIS WH12210748**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358810		70	5.3	12.7	56	25.6	1
M358811		77	5.2	13.5	45	31.3	<1
M358812		56	4.9	9.5	5480	25.9	26
M358813		73	2.0	11.8	48	26.8	<1
M358814		68	2.8	11.3	119	24.8	1
M358815		81	3.2	13.1	93	26.4	1
M358816		61	4.3	12.8	1620	32.0	8
M358817		2	0.1	0.9	23	<0.5	<1
M358818		51	2.1	11.4	87	142.0	1
M358819		69	3.2	12.2	380	24.5	1
M358820		75	3.5	13.5	82	25.5	1
M358821		66	7.9	14.8	76	28.6	<1
M358822		65	10.3	12.8	45	29.1	<1
M358823		76	4.8	14.4	79	31.6	1
M358824		76	4.9	14.5	77	30.1	1
M358825		64	2.6	13.0	74	26.3	1
M358826		70	3.1	13.6	93	18.6	2
M358827		71	3.6	13.4	72	27.2	1
M358828		53	3.8	10.5	401	21.5	29
M358829		1	0.1	0.7	14	<0.5	<1
M358830		60	2.4	12.6	65	18.2	1
M358831		79	3.1	13.3	80	25.1	1
M358832		72	2.3	14.7	65	26.7	2
M358833		73	2.1	14.2	172	25.9	1
M358834		74	1.3	17.0	49	34.5	1
M358835		69	3.1	12.6	110	32.1	<1
M358836		77	2.5	15.9	91	30.5	<1
M358837		82	2.9	14.2	71	27.6	<1
M358838		70	1.4	15.1	47	32.4	<1
M358839		57	5.0	11.3	3010	40.6	10
M358840		71	2.0	13.5	54	32.7	<1
M358841		74	1.6	16.5	52	32.9	<1
M358842		73	0.9	16.5	45	35.0	<1
M358843		74	1.4	18.5	46	32.9	<1
M358844		76	0.9	16.9	43	31.1	<1
M358845		72	2.9	14.1	88	31.1	1



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**CERTIFICATE OF ANALYSIS WH12210748**

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





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**CERTIFICATE WH12210749**

Project: Klaza-124

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12210749**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357304		8.38	<0.005	0.05	6.57	17.7	1020	2.06	0.06	2.31	0.13	45.9	5.8	21	30.7	9.2
M357305		8.55	<0.005	0.04	6.67	13.0	930	2.02	0.06	3.05	0.10	49.4	6.3	19	33.1	8.5
M357306		7.78	<0.005	0.05	6.60	12.7	390	2.02	0.06	2.74	0.08	47.9	6.1	20	32.7	9.2
M357307		7.06	<0.005	0.13	6.90	17.6	1290	2.10	0.11	2.93	0.16	55.0	6.7	25	34.9	13.4
M357308		0.26	0.798	10.10	6.29	1675	1050	1.49	6.68	1.85	43.2	43.5	18.1	19	16.40	107.0
M357309		2.66	0.058	1.97	7.18	68.9	340	2.03	0.55	1.44	5.77	46.5	9.4	15	31.1	25.0
M357310		6.54	<0.005	0.17	7.07	19.9	960	1.72	0.28	2.00	0.29	42.2	9.5	7	21.9	7.6
M357311		4.53	<0.005	0.20	7.09	31.2	1530	1.36	0.34	1.33	0.32	42.5	3.8	6	22.1	5.3
M357312		2.85	0.114	3.85	6.84	526	1890	1.34	0.61	2.13	26.4	45.4	2.4	8	10.45	13.7
M357313		0.26	2.28	26.8	5.56	3200	910	1.31	20.5	2.16	81.4	42.6	12.0	17	14.80	419
M357314		6.34	0.117	1.82	6.92	258	1150	1.50	0.62	2.10	8.08	55.5	5.1	9	14.70	9.9
M357315		2.83	0.348	11.40	6.22	1365	1070	1.35	0.80	1.74	84.7	42.6	5.2	5	12.10	82.9
M357316		3.74	<0.005	0.05	0.07	<5	20	0.06	0.04	20.2	0.17	1.18	1.1	<1	0.30	2.8
M357317		4.38	<0.005	0.24	6.69	21.1	2060	1.71	0.32	2.18	0.55	41.6	5.4	6	13.85	6.6
M357318		2.70	0.093	9.24	6.92	130.0	2170	1.46	0.49	2.02	44.8	50.1	4.3	6	13.00	42.1
M357319		2.61	<0.005	0.45	6.61	26.8	1950	1.18	0.39	2.18	0.62	41.5	8.0	6	13.45	8.5
M357320		2.86	0.016	0.60	6.45	44.5	1740	1.47	0.46	1.59	1.57	48.6	8.1	7	14.75	14.2
M357321		4.75	<0.005	0.26	6.73	20.5	1130	1.51	0.36	2.29	0.39	43.5	4.7	7	16.70	12.8
M357322		7.39	0.008	0.18	6.48	17.3	1780	1.49	0.29	2.22	0.17	44.1	4.7	7	12.15	8.6
M357323		3.05	1.980	72.3	5.00	5320	360	1.04	5.25	1.91	92.2	45.3	69.0	4	8.09	172.0
M357324		3.06	<0.005	0.10	0.07	5	30	0.10	0.03	19.75	0.16	1.15	1.2	<1	0.31	2.2
M357325		3.09	0.010	1.80	6.87	107.5	1060	1.85	0.28	2.00	2.60	45.2	11.8	6	17.65	13.3
M357326		5.53	<0.005	0.19	7.38	10.2	2000	1.42	0.23	1.72	0.17	46.9	5.9	7	11.90	16.6
M357327		2.55	0.208	13.20	7.05	577	1210	1.38	0.67	2.13	38.0	44.4	6.9	8	13.15	92.9
M357328		2.50	<0.005	0.14	7.13	18.4	2110	1.81	0.27	2.88	0.14	47.7	5.9	8	22.4	9.4
M357329		2.24	<0.005	0.09	7.63	9.8	2130	1.23	0.20	1.84	0.13	51.5	5.7	8	15.55	14.2
M357330		1.27	<0.005	0.06	7.24	10.1	2080	1.28	0.18	1.91	0.16	47.4	5.4	10	16.60	10.3
M357331		2.56	0.008	2.07	6.81	57.4	2520	1.35	0.33	2.09	2.45	43.1	4.8	7	21.0	30.6
M357332		3.51	<0.005	0.07	7.18	12.0	2230	1.19	0.20	2.11	0.34	51.8	3.8	8	15.65	9.0
M357333		2.80	0.020	0.51	6.48	51.1	2500	1.39	0.51	2.70	0.32	52.5	5.3	8	14.20	35.0
M357334		2.45	<0.005	0.09	7.37	10.9	2170	1.29	0.24	1.77	0.11	47.5	3.3	9	13.25	4.8
M357335		3.02	0.006	2.49	7.01	37.9	2220	1.53	1.61	1.83	14.15	48.4	4.8	7	15.95	19.9
M357336		2.71	<0.005	0.18	7.57	67.9	2230	1.88	0.19	1.54	0.38	80.4	4.6	15	25.2	13.4
M357337		<0.02	<0.005	0.16	7.51	72.9	2070	1.98	0.20	1.59	0.40	76.1	4.9	15	23.5	14.7
M357338		4.33	<0.005	<0.01	7.88	43.0	810	1.78	0.14	1.58	0.24	75.2	4.9	15	27.5	6.0
M357339		2.87	<0.005	0.29	7.71	71.6	2730	1.82	0.22	1.28	1.75	78.1	5.7	14	23.6	27.6



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**CERTIFICATE OF ANALYSIS WH12210749**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357304		2.05	20.8	0.14	3.3	0.027	2.75	22.3	41.4	0.73	443	0.94	0.04	9.4	14.2	710
M357305		2.19	19.70	0.18	3.1	0.029	2.73	24.7	34.5	0.92	520	0.90	0.05	9.0	13.3	710
M357306		2.10	20.4	0.17	3.2	0.026	2.61	23.8	53.5	0.89	445	0.90	0.05	9.2	14.4	700
M357307		2.18	20.8	0.20	4.2	0.025	2.43	28.7	74.5	1.03	551	1.06	0.05	9.1	20.8	640
M357308		5.20	15.60	0.14	1.5	0.973	2.78	22.5	22.8	0.69	1880	13.30	0.26	7.6	15.5	480
M357309		2.19	19.90	0.14	2.8	0.103	2.89	24.3	44.3	0.63	969	3.63	0.05	8.8	16.4	610
M357310		2.73	17.90	0.15	1.5	0.049	3.12	21.1	47.1	0.77	781	4.65	0.07	8.6	5.0	590
M357311		2.81	17.20	0.14	1.4	0.079	3.06	21.8	45.6	0.53	789	2.09	0.75	8.1	2.5	580
M357312		4.05	17.25	0.15	1.3	0.257	3.40	25.1	7.6	0.92	3120	3.62	0.04	7.0	2.8	530
M357313		6.40	14.70	0.12	1.0	1.820	2.55	23.1	21.2	0.90	1790	14.05	0.04	6.0	16.2	430
M357314		3.54	17.00	0.14	1.2	0.166	3.29	30.7	22.5	0.88	2460	2.10	0.05	7.3	2.9	530
M357315		4.45	15.50	0.11	1.1	0.327	2.95	22.6	13.8	0.61	4000	3.93	0.03	6.5	2.9	480
M357316		0.46	0.32	0.24	<0.1	<0.005	0.03	0.6	1.1	12.35	193	0.12	0.01	0.3	1.6	170
M357317		3.01	16.80	0.16	1.4	0.159	3.21	20.8	18.4	0.77	1360	1.35	0.82	7.5	2.4	560
M357318		3.56	16.60	0.16	1.3	0.210	3.01	26.6	33.5	0.79	1720	0.67	0.05	7.6	2.5	530
M357319		2.98	16.15	0.13	1.5	0.140	2.89	21.2	28.5	0.77	1240	1.29	0.10	7.4	2.2	530
M357320		3.02	15.55	0.14	1.2	0.170	2.98	25.5	25.2	0.66	1180	4.95	0.07	7.3	2.6	500
M357321		3.03	16.90	0.16	1.2	0.105	3.15	21.8	30.0	0.79	1100	2.40	0.51	7.7	2.6	550
M357322		3.02	16.60	0.16	1.4	0.159	2.79	22.0	17.9	0.79	900	3.59	1.00	7.8	2.6	510
M357323		9.26	12.05	0.15	0.9	0.836	2.42	24.9	10.8	0.65	2800	4.13	0.04	5.1	3.1	400
M357324		0.47	0.29	0.15	<0.1	<0.005	0.03	0.6	1.1	12.15	206	0.09	0.01	0.3	1.5	160
M357325		3.15	17.00	0.15	1.2	0.114	3.43	23.1	24.9	0.70	2480	1.35	0.36	7.5	2.3	550
M357326		3.22	17.70	0.18	1.4	0.072	3.14	23.4	18.4	0.71	702	2.11	1.13	8.4	2.5	620
M357327		3.61	16.60	0.13	1.3	0.201	3.20	22.5	20.3	0.70	2520	2.31	0.64	7.9	2.7	570
M357328		3.09	17.30	0.20	1.4	0.085	3.54	24.2	18.1	0.70	890	3.66	0.74	9.0	3.6	630
M357329		2.75	17.25	0.21	1.3	0.056	3.08	27.2	39.9	0.60	640	2.35	0.91	9.0	2.9	620
M357330		2.72	16.65	0.18	1.3	0.056	3.14	24.4	37.0	0.61	664	2.37	0.96	8.7	2.8	610
M357331		2.82	16.20	0.18	1.2	0.081	3.20	22.5	29.7	0.64	1440	3.48	0.42	7.8	2.6	580
M357332		2.88	15.70	0.18	1.4	0.077	3.04	27.1	24.3	0.61	693	2.22	0.91	8.1	2.5	590
M357333		3.52	16.70	0.22	1.3	0.140	3.37	26.8	20.7	0.80	1280	2.17	0.96	7.9	2.7	530
M357334		2.92	17.30	0.21	1.3	0.073	3.30	25.0	28.1	0.64	679	1.92	0.96	8.4	2.6	580
M357335		3.03	16.20	0.20	1.3	0.145	3.41	26.3	20.8	0.69	1680	1.72	0.51	7.9	2.4	570
M357336		2.09	18.60	0.18	4.3	0.033	1.86	43.2	236	0.67	668	7.55	0.04	10.8	4.9	1080
M357337		2.11	19.90	0.18	4.4	0.038	1.84	40.8	237	0.67	669	7.90	0.04	11.0	5.1	1080
M357338		2.35	21.0	0.19	4.3	0.033	2.14	41.4	233	0.77	597	1.44	0.05	11.3	5.3	1100
M357339		2.29	20.7	0.18	4.1	0.031	1.81	45.3	147.5	0.74	645	5.34	0.04	11.0	5.6	1050



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**CERTIFICATE OF ANALYSIS WH12210749**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M357304		16.6	105.0	<0.002	0.03	11.50	6.7	1	1.5	390	0.76	<0.05	9.5	0.269	2.7
M357305		18.4	109.5	<0.002	0.02	6.73	6.5	1	1.6	479	0.74	<0.05	9.9	0.265	2.9
M357306		21.7	102.5	<0.002	0.01	7.25	6.5	1	1.4	442	0.72	<0.05	9.8	0.265	3.0
M357307		21.3	108.0	<0.002	0.06	10.10	6.8	1	1.6	419	0.75	<0.05	11.5	0.256	5.1
M357308		1305	171.0	<0.002	2.97	33.9	9.6	2	6.1	149.5	0.65	0.59	12.6	0.204	5.7
M357309		305	130.0	<0.002	0.27	14.80	9.9	1	2.9	326	0.74	<0.05	13.4	0.259	8.8
M357310		28.2	126.0	<0.002	0.24	11.65	11.9	1	2.1	204	0.73	<0.05	12.4	0.262	4.4
M357311		25.9	145.0	<0.002	0.11	9.60	11.5	1	2.1	194.0	0.72	<0.05	13.1	0.249	4.0
M357312		902	257	<0.002	1.20	13.95	10.5	1	2.8	76.7	0.69	<0.05	14.7	0.226	7.9
M357313		2740	171.0	<0.002	4.60	91.5	9.1	2	8.4	93.6	0.49	0.39	11.0	0.176	5.7
M357314		170.5	195.0	<0.002	0.61	12.50	10.9	1	2.4	124.0	0.64	<0.05	14.3	0.232	7.5
M357315		920	184.5	<0.002	3.67	37.1	10.0	2	5.4	80.7	0.53	<0.05	11.9	0.206	5.1
M357316		2.5	2.1	<0.002	0.01	0.08	0.3	1	<0.2	48.6	<0.05	<0.05	<0.2	<0.005	0.5
M357317		41.2	148.5	<0.002	0.12	7.15	10.8	1	2.3	188.0	0.64	<0.05	12.3	0.241	4.3
M357318		3680	160.0	<0.002	1.21	20.4	11.8	2	4.6	142.5	0.65	<0.05	13.9	0.242	4.6
M357319		77.5	127.0	<0.002	0.31	12.65	10.4	1	2.4	153.0	0.66	<0.05	13.4	0.229	4.8
M357320		64.0	157.5	<0.002	0.42	11.65	10.3	1	2.8	120.5	0.62	<0.05	13.3	0.221	9.9
M357321		23.6	140.5	<0.002	0.16	8.65	11.0	1	2.9	191.0	0.64	<0.05	12.9	0.244	5.1
M357322		16.6	130.0	<0.002	0.13	6.48	10.4	1	2.4	202	0.71	<0.05	12.8	0.225	4.5
M357323		5110	161.5	<0.002	9.09	152.0	8.0	2	11.0	66.8	0.44	0.90	10.5	0.156	5.0
M357324		7.6	2.7	<0.002	0.01	0.18	0.2	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.7
M357325		77.4	167.0	<0.002	0.45	12.40	10.8	1	3.0	180.5	0.61	<0.05	12.8	0.238	5.4
M357326		17.6	144.0	<0.002	0.07	5.22	11.7	1	2.5	243	0.68	<0.05	13.9	0.259	3.8
M357327		1065	157.0	<0.002	1.55	34.2	11.3	2	3.1	169.5	0.66	<0.05	13.4	0.254	5.1
M357328		14.4	144.0	<0.002	0.15	7.63	11.5	1	2.2	226	0.70	<0.05	12.5	0.271	4.7
M357329		18.0	125.5	<0.002	0.05	7.76	11.3	2	2.0	207	0.67	<0.05	13.7	0.277	3.3
M357330		17.0	125.5	<0.002	0.05	7.22	10.5	1	1.9	213	0.67	<0.05	12.5	0.264	3.7
M357331		82.5	124.0	<0.002	0.35	18.55	9.9	1	2.0	180.0	0.65	<0.05	11.3	0.246	3.4
M357332		17.0	124.0	<0.002	0.04	8.44	9.7	1	1.9	193.5	0.68	<0.05	12.7	0.260	4.3
M357333		25.7	140.5	<0.002	0.60	9.13	9.2	1	2.2	192.0	0.61	<0.05	11.6	0.239	3.4
M357334		19.6	135.0	<0.002	0.03	8.31	10.5	1	2.2	187.5	0.67	<0.05	13.8	0.252	2.7
M357335		330	163.0	<0.002	0.37	14.90	10.0	1	2.3	169.5	0.66	0.05	13.1	0.236	3.5
M357336		45.1	71.7	<0.002	0.22	31.3	5.4	1	1.4	711	0.74	<0.05	11.2	0.309	6.3
M357337		41.2	65.8	<0.002	0.21	29.7	5.5	1	1.4	729	0.74	<0.05	10.9	0.312	6.0
M357338		24.6	80.1	<0.002	0.06	19.60	5.3	1	1.4	629	0.81	<0.05	11.7	0.316	4.6
M357339		89.1	74.4	<0.002	0.26	24.1	5.1	1	1.5	517	0.76	<0.05	11.4	0.309	6.5



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**CERTIFICATE OF ANALYSIS WH12210749**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357304		50	2.3	11.3	60	106.0	<1
M357305		48	2.0	12.0	62	94.8	<1
M357306		48	2.1	11.4	54	105.5	<1
M357307		48	2.1	12.3	61	148.0	<1
M357308		56	5.5	11.5	2900	39.8	10
M357309		62	2.4	13.5	374	91.4	2
M357310		71	3.1	16.5	72	38.3	<1
M357311		67	2.3	14.1	55	35.3	<1
M357312		68	3.2	12.8	1600	33.2	3
M357313		54	5.3	10.0	5210	26.5	26
M357314		66	3.4	15.0	545	31.2	2
M357315		57	6.1	12.3	7000	28.8	11
M357316		2	0.1	0.8	21	<0.5	<1
M357317		65	2.9	13.2	95	36.4	<1
M357318		63	3.6	13.5	3690	32.7	10
M357319		63	3.4	13.8	97	36.1	1
M357320		61	3.7	14.0	165	30.7	1
M357321		66	4.1	13.6	79	30.7	<1
M357322		64	3.9	13.7	54	35.4	<1
M357323		53	23.7	9.6	6420	22.3	75
M357324		2	0.1	0.8	22	<0.5	<1
M357325		64	7.6	13.2	186	30.2	2
M357326		70	2.8	14.8	52	36.4	<1
M357327		68	5.9	14.5	3820	32.6	12
M357328		79	3.8	15.2	50	38.3	<1
M357329		74	3.5	16.8	48	38.5	<1
M357330		72	3.2	15.6	47	37.8	<1
M357331		69	3.4	14.2	224	33.3	2
M357332		69	3.1	14.6	59	36.5	<1
M357333		64	2.9	12.2	80	33.1	<1
M357334		71	2.7	14.7	54	36.5	<1
M357335		67	3.4	14.0	883	38.3	1
M357336		54	2.4	12.1	82	169.5	<1
M357337		55	2.4	11.9	81	174.5	<1
M357338		52	2.6	11.1	115	155.0	<1
M357339		54	2.2	11.2	195	152.5	<1



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



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**CERTIFICATE WH12212350**

Project: Klaza-124

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12212350**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357340		2.71	0.113	2.43	6.45	559	1480	1.87	0.65	1.37	3.31	43.8	6.9	7	23.6	29.8
M357341		4.62	0.006	0.17	7.14	67.6	2070	1.41	0.26	2.30	0.13	43.6	6.2	9	12.20	10.1
M357342		8.73	<0.005	0.11	7.48	8.6	2170	1.36	0.29	2.40	0.13	48.4	7.2	12	8.14	13.1
M357343		0.25	2.30	23.8	5.77	3220	310	1.24	18.65	2.05	75.0	43.6	11.2	17	14.95	419
M357344		5.15	<0.005	0.19	7.08	13.2	2310	1.29	0.30	2.41	0.26	45.3	6.3	8	14.20	19.5
M357345		2.65	0.173	6.70	6.50	295	2510	1.27	3.27	2.09	3.36	42.7	10.1	6	16.20	32.0
M357346		3.02	0.228	3.91	6.47	249	1640	1.25	1.25	2.89	4.42	48.3	5.5	6	18.45	32.2
M357347		3.27	<0.005	0.02	0.13	<5	30	0.07	0.02	19.80	0.06	1.48	1.5	<1	0.41	2.0
M357348		4.39	<0.005	0.23	7.68	50.8	1980	1.51	0.29	2.32	0.23	49.6	5.5	8	13.05	10.9
M357349		3.39	0.056	1.75	7.13	137.0	2220	1.45	0.90	2.66	0.61	44.2	7.9	7	16.90	43.1
M357350		6.42	<0.005	0.45	7.07	17.1	1810	1.43	0.67	2.55	0.23	44.9	7.8	10	17.30	45.3
M357351		2.53	0.016	0.72	6.74	124.0	2190	1.55	0.66	2.97	0.30	52.0	8.1	7	21.9	19.2
M357352		3.23	<0.005	0.13	6.81	7.4	2210	1.38	0.29	2.62	0.13	42.2	7.2	8	18.10	11.9
M357353		1.44	0.005	0.15	7.01	10.7	2270	1.34	0.31	2.54	0.20	41.8	8.1	8	16.95	13.3
M357354		8.59	<0.005	0.12	7.56	8.5	2280	1.49	0.32	2.56	0.13	49.4	8.3	8	10.05	13.1
M357355		8.73	<0.005	0.11	7.41	5.6	2080	1.52	0.31	2.36	0.12	50.4	8.7	9	11.85	14.0
M357356		5.34	<0.005	0.14	6.86	8.5	2140	1.46	0.56	2.45	0.13	46.1	9.5	9	16.75	16.3
M357357		3.50	0.177	1.43	6.59	701	750	1.38	0.74	2.29	3.41	37.7	10.7	6	17.00	14.2
M357358		7.61	<0.005	0.30	7.14	19.0	1700	1.51	0.46	2.01	0.19	41.8	6.4	7	16.90	6.6
M357359		<0.02	<0.005	0.28	7.45	20.1	1740	1.46	0.48	2.06	0.24	44.0	6.7	7	17.55	7.8
M357360		7.19	<0.005	0.11	6.69	12.2	1860	1.32	0.23	2.41	0.10	41.3	6.8	8	24.1	9.7
M357361		7.94	<0.005	0.15	6.72	31.7	960	1.33	0.22	2.73	0.11	51.4	6.5	6	19.55	11.1
M357362		6.32	0.006	0.17	6.89	39.6	800	1.37	0.23	1.51	0.14	48.5	6.7	7	26.7	17.4
M357363		3.42	0.031	2.05	7.73	43.8	1950	1.53	1.79	2.82	0.14	59.6	4.7	7	18.65	11.7
M357364		0.25	4.45	>100	5.62	8610	600	1.22	62.2	1.98	231	39.0	9.0	18	11.95	1325
M357365		6.99	0.051	0.93	7.42	173.5	2850	1.58	0.40	2.55	0.99	53.2	5.9	7	21.3	16.1
M357366		4.34	1.025	54.0	5.66	1820	190	1.26	0.70	2.75	155.5	31.2	10.5	7	10.60	131.0
M357367		3.80	0.713	44.3	5.51	1810	190	1.27	0.26	2.24	79.7	37.2	3.5	6	12.40	108.5
M357368		3.20	1.160	13.15	7.16	2480	500	1.56	0.27	2.28	57.6	52.1	4.8	6	20.3	43.5
M357369		2.61	<0.005	0.05	0.07	11	30	0.05	0.03	21.1	0.16	1.45	1.2	<1	0.22	3.4
M357370		7.19	0.063	7.84	7.42	715	1380	1.48	0.53	2.84	31.5	53.3	5.5	7	19.20	37.8
M357371		4.78	0.044	2.38	7.84	267	1280	1.51	0.37	2.82	9.23	58.6	6.5	8	16.30	13.7
M357372		2.58	0.054	4.35	7.35	349	750	1.52	0.34	3.23	26.3	60.4	8.4	7	14.10	8.8
M357373		6.40	<0.005	0.36	8.06	17.6	1220	1.66	0.29	3.35	4.09	53.2	6.0	9	16.60	9.5
M357374		4.72	0.005	0.96	7.59	17.0	1990	1.51	0.33	2.44	3.84	53.3	10.3	8	16.15	6.1
M357375		8.63	0.005	1.27	7.75	14.0	2190	1.49	0.32	2.76	0.77	60.1	6.0	8	13.35	8.4





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Plus Appendix Pages  
Finalized Date: 23-SEP-2012  
Account: ROCKHA

Project: Klaza-124

**CERTIFICATE OF ANALYSIS WH12212350**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357340		2.68	15.95	0.13	1.1	0.086	2.73	20.7	86.5	0.55	1790	3.46	0.05	6.9	3.2	520
M357341		2.85	17.80	0.17	1.1	0.047	2.78	19.1	11.5	0.65	637	0.79	1.92	8.1	2.8	580
M357342		2.97	17.85	0.19	1.1	0.042	2.58	22.3	15.2	0.79	619	3.44	2.38	8.3	2.8	600
M357343		6.38	15.45	0.18	0.9	1.640	2.46	21.2	23.5	0.84	1760	13.65	0.04	6.1	15.0	440
M357344		2.91	17.55	0.16	1.2	0.053	2.67	20.1	18.9	0.64	717	1.02	1.83	8.1	2.6	580
M357345		3.92	15.90	0.16	1.1	0.155	3.10	20.0	20.8	0.61	1800	1.11	1.03	7.4	2.5	540
M357346		3.70	16.65	0.16	1.1	0.153	3.21	22.4	11.7	0.70	2390	0.97	0.61	7.5	2.8	520
M357347		0.48	0.45	0.16	<0.1	<0.005	0.05	0.7	1.9	12.15	210	0.16	0.01	0.3	3.3	170
M357348		3.00	18.40	0.19	1.2	0.064	2.75	23.2	15.8	0.69	702	0.71	1.77	8.2	2.6	620
M357349		3.32	17.90	0.18	1.0	0.075	2.94	20.6	25.8	0.77	1580	0.69	0.99	7.7	2.7	580
M357350		2.97	18.25	0.16	1.2	0.053	2.61	20.3	16.1	0.74	823	0.85	1.81	8.6	2.9	600
M357351		3.06	16.65	0.14	1.1	0.069	2.56	25.8	35.4	0.85	1620	1.09	0.93	7.8	2.9	550
M357352		2.81	17.60	0.14	1.2	0.043	2.53	18.9	11.5	0.68	654	1.18	1.99	8.4	2.7	580
M357353		2.89	17.30	0.16	1.2	0.045	2.56	18.9	10.9	0.69	654	1.15	2.02	8.2	2.6	580
M357354		2.99	18.70	0.18	1.3	0.032	2.42	22.9	14.3	0.81	661	0.86	2.27	8.9	2.9	620
M357355		2.83	17.60	0.17	1.4	0.037	2.57	23.2	13.7	0.75	555	0.86	2.26	8.9	2.8	600
M357356		2.75	17.35	0.16	1.6	0.041	2.62	20.7	24.3	0.65	631	0.89	1.82	8.7	2.7	560
M357357		4.94	18.05	0.16	1.4	0.108	3.05	17.2	59.0	0.81	2190	1.80	0.06	7.1	3.2	730
M357358		4.40	18.50	0.16	1.4	0.099	2.95	19.3	32.8	0.85	1280	1.96	1.04	7.8	2.8	700
M357359		4.51	18.95	0.17	1.4	0.103	3.02	20.9	32.3	0.87	1300	2.17	1.08	7.8	3.0	710
M357360		2.66	16.65	0.15	1.3	0.037	2.96	18.8	67.9	0.69	749	0.63	0.48	7.8	2.5	570
M357361		2.55	16.45	0.15	1.4	0.044	2.34	24.6	80.3	0.88	1120	0.70	0.07	7.8	2.7	530
M357362		2.27	18.20	0.15	1.2	0.056	2.59	22.8	49.0	0.55	858	0.78	0.06	8.5	2.8	550
M357363		3.48	17.15	0.09	1.2	0.157	2.74	31.1	86.9	1.01	1780	0.62	0.04	8.3	3.5	570
M357364		8.17	13.45	0.09	1.1	5.11	2.32	19.0	33.5	0.64	3130	15.75	0.08	5.7	13.4	470
M357365		2.67	16.55	0.08	1.3	0.052	2.80	27.0	111.5	0.90	2200	1.40	0.02	8.1	2.1	560
M357366		3.82	13.35	0.06	1.0	1.635	2.49	16.0	22.5	1.10	2940	13.25	0.04	5.6	1.8	410
M357367		3.82	12.70	0.08	0.9	0.143	2.49	18.5	31.3	0.96	1780	61.7	0.02	5.7	2.1	410
M357368		3.55	16.15	0.10	1.2	0.216	2.92	26.4	28.9	0.86	2030	2.25	0.03	7.6	2.6	570
M357369		0.51	0.32	0.13	<0.1	<0.005	0.04	0.7	1.1	13.20	230	0.15	<0.01	0.3	<0.2	200
M357370		3.26	15.95	0.10	1.0	0.096	2.89	26.9	44.1	1.03	1830	1.91	0.03	7.7	2.1	580
M357371		3.86	16.35	0.10	1.1	0.137	3.44	31.1	24.8	1.13	2210	0.38	0.04	7.8	2.1	600
M357372		3.84	15.60	0.10	1.0	0.132	3.36	30.9	35.7	1.19	2090	0.32	0.05	7.5	2.3	580
M357373		3.21	17.65	0.11	1.1	0.068	2.94	26.5	54.3	1.15	1040	0.38	0.76	8.6	2.5	640
M357374		3.38	16.60	0.11	1.1	0.063	2.88	26.0	13.6	0.83	974	0.32	2.19	7.9	2.3	590
M357375		3.49	17.40	0.12	1.2	0.099	2.93	30.4	13.8	0.94	1120	0.31	1.78	8.3	2.6	600



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**CERTIFICATE OF ANALYSIS WH12212350**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357340		160.5	137.0	<0.002	1.01	37.6	9.4	1	2.9	169.5	0.54	<0.05	10.6	0.212	2.05	6.9
M357341		20.9	105.0	<0.002	0.07	4.02	10.7	1	2.1	334	0.63	<0.05	10.9	0.246	1.28	3.5
M357342		16.7	97.7	<0.002	0.01	1.44	11.2	1	2.2	415	0.62	<0.05	11.9	0.252	1.01	3.9
M357343		2680	150.0	<0.002	4.44	83.9	8.3	1	7.5	89.8	0.47	0.35	9.7	0.172	2.08	4.8
M357344		24.1	102.0	<0.002	0.05	4.54	10.7	1	2.2	337	0.62	<0.05	11.1	0.251	1.16	3.8
M357345		454	137.0	<0.002	0.79	23.4	10.2	1	4.6	195.0	0.57	0.12	11.1	0.224	2.04	5.2
M357346		388	149.0	<0.002	1.14	16.25	10.2	1	3.2	222	0.59	0.12	10.4	0.224	2.32	4.7
M357347		1.9	3.4	<0.002	<0.01	0.07	0.4	1	<0.2	40.0	<0.05	<0.05	<0.2	0.005	0.02	0.4
M357348		27.3	116.0	<0.002	0.04	5.11	11.2	1	2.3	373	0.64	<0.05	12.5	0.259	1.40	3.7
M357349		95.6	133.5	<0.002	0.47	13.50	10.5	1	2.5	274	0.57	0.14	10.7	0.242	1.93	3.6
M357350		27.6	109.0	<0.002	0.07	3.85	11.2	1	2.5	353	0.63	0.07	11.5	0.247	1.47	4.0
M357351		30.3	127.0	<0.002	0.42	22.3	10.9	1	2.1	267	0.59	<0.05	12.4	0.238	1.97	4.7
M357352		16.9	99.5	<0.002	0.02	3.07	10.9	1	1.9	356	0.59	<0.05	10.4	0.250	1.27	3.7
M357353		19.6	102.0	<0.002	0.08	3.38	11.0	1	2.0	355	0.57	<0.05	10.3	0.248	1.26	3.6
M357354		18.9	95.1	<0.002	0.02	1.83	11.4	1	2.0	469	0.69	<0.05	12.4	0.258	1.01	4.4
M357355		17.7	104.5	<0.002	0.02	1.95	11.1	1	2.0	402	0.74	<0.05	13.4	0.246	1.06	5.0
M357356		19.1	103.5	<0.002	0.08	5.03	10.7	1	2.1	346	0.73	0.06	12.6	0.237	1.19	5.2
M357357		117.0	137.0	<0.002	2.36	23.2	11.0	1	2.8	149.0	0.54	0.23	9.1	0.268	2.62	6.9
M357358		20.5	125.5	<0.002	0.19	7.33	11.3	1	2.4	251	0.61	0.11	11.0	0.265	2.01	5.4
M357359		21.4	135.0	<0.002	0.21	7.58	11.9	1	2.4	258	0.59	0.10	11.9	0.277	1.99	5.7
M357360		16.7	102.0	<0.002	0.17	10.15	9.9	1	2.2	266	0.64	<0.05	11.5	0.235	2.40	3.7
M357361		13.5	97.0	<0.002	0.26	10.65	10.2	1	2.1	210	0.63	<0.05	13.3	0.224	2.25	4.9
M357362		16.1	112.5	<0.002	0.31	14.25	10.6	1	3.4	223	0.70	<0.05	13.1	0.237	3.68	3.9
M357363		16.4	154.0	<0.002	0.36	11.65	12.2	1	2.7	191.5	0.73	0.61	16.1	0.252	3.13	4.4
M357364		9910	144.5	<0.002	7.12	223	8.1	3	9.3	126.5	0.47	0.52	10.3	0.186	2.23	5.6
M357365		66.9	144.5	<0.002	0.70	19.85	11.9	1	2.3	236	0.70	<0.05	15.1	0.248	3.04	5.6
M357366		5490	170.0	<0.002	3.12	84.8	8.4	2	5.9	93.8	0.46	0.11	12.8	0.178	2.27	6.0
M357367		2930	183.5	0.007	3.24	163.0	8.8	2	6.1	113.5	0.50	<0.05	11.3	0.169	2.44	19.7
M357368		1760	187.0	<0.002	2.33	41.7	11.7	2	8.0	248	0.63	<0.05	13.5	0.240	2.76	4.3
M357369		5.5	1.6	<0.002	0.01	0.12	0.2	1	<0.2	53.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357370		995	161.5	<0.002	0.85	31.0	11.8	1	3.3	230	0.62	<0.05	13.1	0.246	2.66	6.0
M357371		388	208	<0.002	0.96	16.15	13.0	1	3.3	189.0	0.64	<0.05	15.5	0.260	3.11	4.7
M357372		788	199.5	<0.002	1.18	13.50	12.5	1	3.6	180.0	0.60	<0.05	14.3	0.244	2.68	5.4
M357373		97.7	127.5	<0.002	0.20	9.07	13.3	1	3.4	269	0.66	<0.05	14.4	0.272	1.95	4.2
M357374		194.0	133.5	<0.002	0.18	6.85	12.6	1	3.0	320	0.65	<0.05	14.3	0.252	1.74	4.7
M357375		86.1	138.0	<0.002	0.13	6.60	12.8	1	2.9	298	0.65	<0.05	15.1	0.263	1.73	4.8



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Project: Klaza-124

**CERTIFICATE OF ANALYSIS WH12212350**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M357340		60	4.3	11.8	285	32.9	3	
M357341		68	2.2	14.8	45	31.6	1	
M357342		69	1.3	17.0	43	30.8	1	
M357343		55	5.2	9.8	5250	24.2	25	
M357344		68	2.0	15.8	57	33.7	1	
M357345		61	14.9	13.4	386	30.2	7	
M357346		63	10.8	15.6	554	28.3	5	
M357347		3	0.1	0.9	13	0.6	1	
M357348		71	2.4	15.2	58	30.0	1	
M357349		67	4.1	15.1	92	27.9	3	
M357350		70	2.0	16.4	56	33.8	1	
M357351		66	2.5	16.7	59	32.2	1	
M357352		69	1.1	15.9	47	38.3	1	
M357353		69	1.1	15.5	51	34.8	1	
M357354		71	1.7	17.4	49	40.9	1	
M357355		66	1.4	17.4	43	41.6	1	
M357356		66	1.9	16.5	47	44.5	1	
M357357		86	7.3	13.6	345	48.0	2	
M357358		82	5.6	16.0	77	42.7	1	
M357359		84	5.6	16.9	79	43.9	<1	
M357360		66	2.6	13.8	42	36.9	<1	
M357361		63	5.4	15.6	37	39.8	1	
M357362		64	3.8	13.6	47	34.2	<1	
M357363		74	3.1	16.7	54	33.3	3	
M357364		55	4.4	10.5	>10000	31.9	117	1.680
M357365		69	5.1	14.9	129	35.8	1	
M357366		52	4.5	9.2	9600	29.7	53	
M357367		50	3.4	9.2	7230	27.5	41	
M357368		66	4.1	13.2	3400	31.8	13	
M357369		2	0.2	1.0	33	<0.5	<1	
M357370		70	3.4	15.6	1850	29.0	14	
M357371		74	3.1	16.0	676	28.4	3	
M357372		67	4.4	17.0	1580	27.5	5	
M357373		76	3.2	18.6	271	31.1	<1	
M357374		71	1.9	17.0	272	30.9	1	
M357375		75	1.9	19.2	90	32.9	1	



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**CERTIFICATE OF ANALYSIS WH12212350**

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



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**CERTIFICATE WH12212351**

Project: Klaza-124

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12212351**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357376		6.69	0.014	0.31	7.82	47.0	2250	1.46	0.32	2.03	0.46	49.3	4.6	10	10.65	6.9
M357377		2.54	0.138	6.98	7.38	413	1230	1.48	2.73	2.75	58.9	55.1	5.5	8	16.25	19.3
M357378		5.79	0.013	0.34	7.64	21.9	2150	1.50	0.26	2.29	0.48	47.2	4.4	9	14.35	3.5
M357379		4.53	0.049	0.53	7.19	33.8	1990	1.32	0.43	2.38	2.09	60.1	13.7	8	13.90	2.9
M357380		4.60	0.010	0.85	7.76	47.9	2610	1.52	0.41	2.39	5.57	49.4	5.2	10	12.05	6.3
M357381		1.95	0.006	0.10	7.78	6.9	2470	1.55	0.23	2.47	0.22	50.5	5.9	10	11.65	6.2
M357382		3.35	<0.005	0.11	7.94	12.0	2390	1.48	0.24	2.37	0.08	60.6	4.5	10	11.40	3.5
M357383		4.77	<0.005	0.14	7.74	13.1	2170	1.56	0.26	2.61	0.08	53.9	6.5	9	11.40	5.3
M357384		0.26	2.30	25.1	6.25	3660	140	1.33	20.7	2.24	81.7	49.1	11.1	18	16.15	459
M357385		3.18	<0.005	0.16	7.76	19.3	1210	1.61	0.36	2.23	0.18	47.1	4.4	8	12.65	3.5
M357386		5.01	0.005	0.35	8.04	60.8	1050	1.61	0.31	2.05	0.74	51.1	3.3	9	13.80	5.4
M357387		3.51	1.075	34.1	6.56	3580	300	1.22	1.30	1.96	52.8	50.1	17.3	6	8.69	68.0
M357388		3.58	<0.005	0.06	0.14	<5	30	0.06	0.02	21.3	0.14	1.55	1.7	<1	0.27	2.4
M357389		3.08	<0.005	0.99	7.82	39.2	1350	1.69	0.21	2.69	4.72	74.3	4.9	7	15.05	4.9
M357390		2.50	0.008	0.80	7.59	18.8	1730	1.69	1.20	2.53	0.18	45.9	14.8	9	10.90	2.7
M357391		2.82	<0.005	0.29	7.51	15.9	6630	1.45	0.24	2.61	0.04	57.5	3.4	8	9.06	3.1
M357392		5.51	<0.005	0.21	7.53	8.3	2620	1.46	0.29	2.43	0.09	54.3	6.9	8	7.19	8.1
M357393		<0.02	<0.005	0.18	7.36	7.8	2560	1.42	0.27	2.37	0.07	50.8	6.7	9	6.93	7.1
M357394		8.74	<0.005	0.41	7.46	13.0	2200	1.46	0.25	2.23	1.24	55.2	7.8	9	10.10	17.2
M357395		8.30	<0.005	0.15	7.46	7.9	2880	1.50	0.23	2.15	0.08	52.3	5.3	10	8.74	8.5
M357396		9.23	<0.005	0.12	7.44	5.8	2250	1.36	0.23	1.70	0.33	53.5	4.9	10	8.08	7.2
M357397		8.29	<0.005	0.13	7.53	6.8	2760	1.43	0.24	1.99	0.36	49.9	5.8	10	7.94	14.6
M357398		7.26	<0.005	0.15	7.73	8.0	2030	1.42	0.24	1.97	0.15	49.1	5.5	9	8.18	15.9
M357399		4.96	0.009	0.22	6.06	17.5	840	1.28	0.21	2.79	0.07	37.5	4.2	7	9.05	49.7
M357400		2.23	<0.005	0.04	0.06	<5	20	0.05	0.03	20.7	0.06	1.09	0.6	<1	0.22	3.8
M357401		4.70	<0.005	0.22	7.10	7.9	2220	1.56	0.22	1.95	0.11	46.8	6.1	9	8.46	71.5
M357402		9.72	<0.005	0.19	6.87	7.9	1950	1.39	0.23	1.88	0.13	49.5	6.7	9	8.29	67.3
M357403		7.56	<0.005	0.37	6.79	16.4	1470	1.49	0.31	2.73	0.09	39.5	8.2	9	6.90	201
M357404		3.81	0.013	0.70	6.60	68.7	1190	1.53	0.37	3.88	7.99	35.9	7.8	6	12.65	158.5
M357405		3.51	<0.005	0.29	5.99	22.7	1000	1.27	0.19	2.70	0.14	38.3	6.0	7	9.66	140.0
M357406		7.40	<0.005	0.04	6.70	40.7	520	1.29	0.08	4.22	0.11	58.3	10.3	40	22.4	14.3
M357407		0.26	2.34	23.7	5.72	3390	1750	1.26	18.70	2.17	77.4	42.6	10.8	17	14.45	446
M357408		5.83	<0.005	0.17	6.55	16.4	3470	1.41	0.22	2.15	0.11	34.6	7.1	7	14.00	60.1
M357409		4.51	<0.005	0.34	6.97	19.4	2000	1.36	0.21	3.05	0.15	49.4	6.5	6	17.15	25.4
M357410		2.83	0.622	6.91	6.34	4780	730	1.33	1.35	2.34	46.7	41.6	11.2	7	14.20	52.0
M357411		3.09	0.011	0.26	7.19	35.5	2390	1.46	0.24	3.05	0.26	39.6	7.6	8	16.45	28.8



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Project: Klaza-124

**CERTIFICATE OF ANALYSIS WH12212351**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357376		3.45	17.10	0.11	1.2	0.110	3.17	23.4	13.5	0.77	1060	0.41	1.87	8.2	2.3	630
M357377		3.92	16.30	0.12	1.1	0.189	3.52	28.1	22.3	0.95	2580	0.47	0.20	7.5	2.3	550
M357378		3.87	17.80	0.13	1.3	0.146	3.58	22.6	11.6	0.81	1140	0.32	1.35	8.3	2.5	620
M357379		3.69	15.45	0.12	1.1	0.147	3.10	31.6	19.9	0.95	1740	0.30	0.73	7.4	2.2	560
M357380		3.25	17.15	0.12	1.2	0.054	3.08	23.9	7.5	0.78	793	0.53	1.89	8.3	2.5	610
M357381		3.13	17.60	0.11	1.3	0.048	3.06	24.6	6.8	0.77	680	0.93	1.98	8.5	2.4	610
M357382		3.31	17.50	0.12	1.3	0.076	3.25	30.1	10.4	0.73	850	0.43	1.97	8.2	2.5	610
M357383		3.31	16.80	0.14	1.4	0.077	3.17	27.0	11.5	0.83	860	0.31	1.70	7.9	2.4	590
M357384		6.88	15.30	0.12	1.0	1.865	2.66	24.6	24.2	0.94	1920	13.60	0.04	6.3	15.4	470
M357385		3.95	15.45	0.10	1.1	0.131	3.33	24.0	15.8	0.94	1660	0.36	0.63	8.0	2.3	620
M357386		4.16	16.45	0.12	1.0	0.262	3.56	26.5	22.5	0.95	1980	0.67	0.05	7.9	2.5	610
M357387		4.74	13.30	0.10	1.0	0.228	2.96	25.8	10.4	0.64	3040	17.60	0.03	6.1	2.2	480
M357388		0.53	0.42	0.12	<0.1	<0.005	0.06	0.7	1.2	13.50	235	0.21	0.01	0.4	0.2	190
M357389		3.27	15.80	0.13	1.2	0.107	3.38	39.2	31.0	0.99	2340	0.48	0.04	8.7	2.2	590
M357390		3.70	16.35	0.10	1.3	0.109	3.59	23.4	9.4	0.98	2110	1.75	0.05	7.8	2.7	620
M357391		3.19	16.65	0.10	1.4	0.052	2.56	27.4	15.9	0.78	1500	0.61	1.71	8.3	2.3	600
M357392		3.22	16.80	0.11	1.3	0.053	2.56	26.5	10.1	0.74	672	1.12	2.36	8.1	2.4	560
M357393		3.18	16.45	0.11	1.3	0.051	2.51	24.9	10.3	0.72	652	0.94	2.37	8.1	2.3	560
M357394		3.16	16.35	0.12	1.2	0.048	3.13	27.6	10.1	0.73	1000	1.40	1.78	8.1	2.3	570
M357395		3.21	16.25	0.13	1.1	0.043	3.00	25.8	9.7	0.79	711	5.58	2.21	8.1	2.3	590
M357396		2.97	15.60	0.11	1.3	0.039	2.99	26.1	12.6	0.70	565	1.40	2.31	8.2	2.5	580
M357397		2.98	16.20	0.11	1.4	0.034	2.97	25.0	11.2	0.79	584	1.56	2.56	8.0	2.5	560
M357398		3.07	17.25	0.13	1.2	0.048	2.42	24.5	12.5	0.83	594	1.60	2.62	8.5	2.7	620
M357399		2.35	13.85	0.12	1.7	0.034	2.77	18.0	20.0	0.71	890	1.93	1.29	7.1	2.1	450
M357400		0.46	0.25	0.09	<0.1	0.008	0.03	0.5	1.1	12.50	205	0.13	0.01	0.1	2.0	160
M357401		2.94	18.00	0.16	1.5	0.045	2.85	23.6	17.8	0.84	455	5.08	2.27	8.5	3.0	600
M357402		2.86	16.30	0.17	1.4	0.037	2.80	23.5	18.3	0.80	463	2.64	2.01	7.8	2.8	580
M357403		2.93	16.45	0.14	1.4	0.033	2.16	18.7	18.5	0.76	629	2.02	2.37	7.7	2.8	610
M357404		2.77	18.65	0.13	1.7	0.089	2.24	16.6	25.6	0.80	1400	1.22	2.02	7.4	3.0	560
M357405		2.25	15.65	0.13	2.0	0.026	2.35	17.3	34.1	0.80	540	1.33	1.83	7.6	2.9	530
M357406		3.32	18.15	0.16	3.9	0.021	2.21	28.7	60.0	1.34	623	1.04	0.76	10.1	15.9	1570
M357407		6.63	13.55	0.14	0.9	1.705	2.54	23.2	21.8	0.90	1900	13.05	0.04	6.5	16.0	450
M357408		2.57	14.35	0.11	1.9	0.037	2.61	16.8	83.8	0.60	555	1.84	1.52	9.1	2.6	540
M357409		2.63	14.75	0.12	2.0	0.044	2.87	25.5	93.2	0.95	1150	2.24	0.10	8.6	2.6	550
M357410		4.50	15.05	0.12	1.0	0.165	2.73	21.4	33.4	0.70	2690	3.60	0.27	7.6	2.8	520
M357411		3.47	16.35	0.12	1.1	0.147	3.08	19.3	21.5	0.86	1780	3.33	1.30	8.6	2.8	650



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Project: Klaza-124

**CERTIFICATE OF ANALYSIS WH12212351**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M357376		32.6	138.5	<0.002	0.27	7.54	12.9	1	2.9	284	0.67	<0.05	13.3	0.267	4.2
M357377		1095	204	<0.002	1.76	20.0	12.1	2	3.4	160.5	0.59	0.05	12.6	0.246	4.5
M357378		24.3	159.0	<0.002	0.28	5.72	12.4	1	3.0	247	0.69	<0.05	13.2	0.255	4.4
M357379		78.2	162.5	<0.002	0.75	5.75	11.2	1	2.6	157.5	0.60	0.07	12.7	0.230	5.1
M357380		136.0	139.5	<0.002	0.14	3.33	12.3	2	2.5	354	0.67	<0.05	12.9	0.261	4.1
M357381		17.1	129.0	0.002	0.04	2.54	12.8	2	2.6	380	0.72	<0.05	13.0	0.265	4.2
M357382		14.2	147.5	<0.002	0.21	3.29	12.3	2	2.6	295	0.70	<0.05	14.6	0.266	5.1
M357383		13.7	148.0	<0.002	0.27	4.72	12.4	2	2.8	265	0.70	<0.05	14.3	0.251	5.0
M357384		2940	176.5	0.002	4.92	98.0	9.5	2	8.8	96.6	0.52	0.40	12.2	0.182	5.8
M357385		11.5	185.5	<0.002	0.52	7.17	12.6	1	2.6	134.5	0.65	<0.05	14.5	0.255	4.9
M357386		33.0	218	<0.002	0.55	10.20	12.4	1	2.8	115.5	0.67	<0.05	16.7	0.255	5.3
M357387		1430	202	<0.002	3.93	92.6	10.0	2	4.7	71.3	0.53	0.24	12.8	0.192	5.5
M357388		3.5	3.6	<0.002	0.02	0.27	0.4	2	<0.2	45.3	<0.05	<0.05	0.2	<0.005	0.6
M357389		109.5	195.0	<0.002	0.56	10.50	12.4	1	2.5	172.5	0.77	<0.05	17.4	0.252	5.0
M357390		20.9	199.5	<0.002	0.69	5.10	11.9	1	2.5	107.0	0.68	0.27	15.8	0.268	5.6
M357391		12.3	132.0	<0.002	0.42	5.07	12.3	1	3.3	337	0.76	<0.05	16.5	0.245	4.7
M357392		9.7	109.5	<0.002	0.11	2.96	11.4	1	3.3	231	0.71	<0.05	15.4	0.228	4.4
M357393		9.2	103.5	<0.002	0.11	2.88	11.3	1	3.1	228	0.71	<0.05	14.3	0.229	4.3
M357394		27.2	131.5	<0.002	0.15	3.72	11.9	2	3.1	239	0.70	<0.05	15.7	0.245	4.5
M357395		17.6	122.0	<0.002	0.10	3.16	11.7	1	3.1	265	0.74	<0.05	14.6	0.248	4.3
M357396		25.8	110.5	<0.002	0.03	3.70	11.7	1	2.5	258	0.72	<0.05	14.2	0.245	4.1
M357397		23.9	114.0	<0.002	0.06	4.18	11.6	2	2.6	306	0.72	<0.05	14.8	0.245	4.7
M357398		13.7	105.0	<0.002	0.09	3.80	12.5	1	2.5	257	0.66	<0.05	12.7	0.259	3.9
M357399		14.0	102.5	0.002	0.16	9.45	7.7	1	2.1	191.5	0.70	<0.05	13.3	0.201	4.5
M357400		1.6	1.9	<0.002	<0.01	0.33	0.3	<1	0.2	41.6	<0.05	<0.05	<0.2	<0.005	0.6
M357401		14.8	122.0	0.003	0.05	3.09	11.0	2	2.7	337	0.60	<0.05	11.1	0.255	4.1
M357402		13.8	122.5	0.002	0.14	5.19	10.9	2	2.3	258	0.59	<0.05	10.1	0.261	3.1
M357403		12.4	87.7	<0.002	0.08	12.15	10.1	2	2.1	278	0.56	<0.05	8.8	0.258	2.8
M357404		157.0	91.7	<0.002	0.50	15.45	9.1	1	2.6	275	0.53	<0.05	8.0	0.236	4.6
M357405		11.5	92.4	<0.002	0.06	8.67	8.3	2	1.8	235	0.63	<0.05	11.2	0.219	2.7
M357406		18.8	64.3	<0.002	0.03	7.19	8.0	2	1.3	862	0.61	<0.05	6.5	0.407	3.3
M357407		2880	165.0	0.002	4.75	89.0	7.8	2	7.6	91.8	0.49	0.37	11.6	0.182	5.5
M357408		13.0	96.1	<0.002	0.16	8.06	8.6	1	1.7	330	0.78	<0.05	15.0	0.234	4.0
M357409		12.4	124.5	<0.002	0.21	10.45	8.9	1	1.6	262	0.74	<0.05	17.2	0.223	7.6
M357410		775	145.5	<0.002	2.86	45.1	9.1	2	3.7	174.5	0.54	0.05	11.0	0.226	5.3
M357411		20.7	128.0	<0.002	0.50	6.78	11.1	1	2.6	311	0.58	<0.05	9.9	0.268	4.1





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 Finalized Date: 26-SEP-2012  
 Account: ROCKHA

Project: Klaza-124

**CERTIFICATE OF ANALYSIS WH12212351**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357376		76	3.5	16.3	78	30.5	<1
M357377		68	3.3	16.6	3340	31.1	7
M357378		75	1.9	14.9	85	35.5	<1
M357379		64	2.6	13.8	162	29.4	<1
M357380		71	2.3	16.8	359	32.2	1
M357381		73	177.5	17.5	52	35.2	<1
M357382		72	1.9	15.6	55	32.9	<1
M357383		71	2.3	16.2	50	34.9	<1
M357384		60	5.2	11.1	5610	25.7	27
M357385		72	2.7	15.1	70	28.5	<1
M357386		72	3.5	16.0	99	28.5	<1
M357387		58	5.5	11.9	3440	25.5	38
M357388		3	0.1	0.9	22	0.6	<1
M357389		70	3.5	16.8	308	31.7	1
M357390		71	2.6	15.2	66	34.1	1
M357391		69	2.0	12.9	56	35.0	<1
M357392		64	1.5	13.0	60	35.5	<1
M357393		63	1.5	12.2	57	34.9	<1
M357394		69	2.1	14.3	207	29.7	1
M357395		70	1.6	13.8	65	28.5	<1
M357396		68	1.9	14.6	68	36.5	<1
M357397		68	1.6	16.7	65	37.7	1
M357398		71	1.6	15.9	60	33.4	<1
M357399		53	1.5	10.8	51	35.1	<1
M357400		2	0.1	0.8	13	<0.5	<1
M357401		71	2.3	17.0	49	35.2	<1
M357402		70	2.3	15.0	51	31.3	<1
M357403		70	2.1	13.9	46	32.8	1
M357404		67	1.9	13.0	484	43.9	1
M357405		60	1.6	12.2	46	51.8	<1
M357406		85	1.2	11.9	73	135.0	1
M357407		58	5.4	10.1	5300	30.1	28
M357408		63	2.5	12.0	44	67.1	<1
M357409		62	3.0	13.9	42	69.4	<1
M357410		62	3.5	12.1	3090	36.0	7
M357411		77	3.3	15.1	56	35.5	<1



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**CERTIFICATE OF ANALYSIS WH12212351**

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



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**CERTIFICATE WH12212352**

Project: Klaza-124

P.O. No.: Batch 7

This report is for 6 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12212352**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
M357412		3.94	<0.005	0.28	7.35	25.2	1720	1.37	0.37	2.58	0.37	42.3	7.9	12	12.50	32.2
M357413		8.13	<0.005	0.24	7.03	15.7	2470	1.42	0.16	2.96	0.27	43.7	7.1	11	11.70	34.3
M357414		<0.02	<0.005	0.13	6.70	11.5	2580	1.34	0.16	3.01	0.21	38.8	6.9	12	11.60	25.1
M357415		7.90	<0.005	0.07	7.48	7.0	2350	1.43	0.14	2.67	0.15	53.4	6.8	12	7.99	19.4
M357416		7.60	<0.005	0.28	6.90	7.9	2080	1.41	0.15	2.44	0.10	49.2	7.5	9	6.26	87.2
M357417		7.79	<0.005	0.19	7.07	7.4	1870	1.53	0.19	2.15	0.13	55.5	6.6	12	8.77	39.8



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**CERTIFICATE OF ANALYSIS WH12212352**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357412		2.91	17.85	0.13	1.3	0.060	2.82	19.5	16.0	0.70	837	6.29	2.46	8.3	3.0	580
M357413		3.09	15.90	0.13	1.2	0.042	2.76	21.1	13.6	0.77	746	2.24	2.22	8.3	2.9	610
M357414		3.05	15.70	0.13	1.1	0.042	2.77	17.6	13.1	0.75	747	1.92	2.16	8.0	2.8	590
M357415		3.20	16.40	0.15	1.7	0.041	2.78	25.0	15.8	0.95	603	1.83	2.50	9.2	2.9	650
M357416		2.79	15.50	0.13	1.8	0.043	2.81	23.4	13.3	0.80	520	1.59	2.37	8.9	2.6	560
M357417		2.61	15.55	0.16	2.1	0.039	2.91	27.6	12.6	0.73	470	1.95	2.40	9.1	2.5	510



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**CERTIFICATE OF ANALYSIS WH12212352**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357412		24.2	111.5	0.002	0.14	4.64	10.5	1	2.3	269	0.59	0.05	9.7	0.254	1.56	3.3
M357413		18.8	103.0	<0.002	0.07	3.23	11.3	1	2.2	357	0.57	<0.05	9.1	0.270	1.32	3.3
M357414		17.2	89.3	<0.002	0.07	3.11	10.3	1	2.3	358	0.56	<0.05	7.8	0.268	1.34	3.2
M357415		17.8	101.0	<0.002	0.02	1.27	11.9	1	2.1	422	0.69	<0.05	13.1	0.280	1.13	4.3
M357416		15.9	105.5	<0.002	0.07	1.26	9.9	2	2.1	370	0.69	<0.05	14.7	0.248	1.18	5.0
M357417		18.9	121.0	<0.002	0.05	1.60	9.4	1	2.0	318	0.80	<0.05	18.6	0.225	1.21	6.2



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Project: Klaza-124

**CERTIFICATE OF ANALYSIS WH12212352**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357412		71	2.4	14.2	64	40.2	1
M357413		73	3.1	16.1	56	33.1	<1
M357414		72	2.1	15.1	52	32.5	<1
M357415		77	2.8	18.6	43	51.7	<1
M357416		66	3.0	17.3	37	55.2	<1
M357417		59	2.9	17.4	39	61.2	<1



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**CERTIFICATE OF ANALYSIS WH12212352**

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.





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**CERTIFICATE WH12212353**

Project: Klaza-125

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-125

**CERTIFICATE OF ANALYSIS WH12212353**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357490		2.93	0.156	0.84	7.57	127.5	1490	1.52	1.42	2.49	1.62	54.2	17.7	10	21.5	71.8
M357491		0.26	4.43	>100	5.14	7860	1190	0.98	55.1	1.86	221	33.7	8.8	16	11.30	1245
M357492		2.48	0.175	0.72	6.99	146.5	1410	1.36	0.89	2.24	1.25	50.0	17.6	7	20.6	61.2
M357493		2.95	0.104	1.76	6.65	155.0	2910	1.16	5.08	2.18	0.59	68.6	114.5	11	18.60	47.0
M357494		4.53	1.410	7.21	5.81	295	990	1.01	12.45	1.75	70.9	52.8	113.5	7	16.40	151.5
M357495		2.81	2.47	68.3	6.48	608	500	1.29	75.9	1.16	76.6	50.6	19.1	11	12.50	1370
M357496		2.39	0.007	0.11	0.06	6	40	0.05	0.08	21.8	0.25	1.35	1.8	<1	0.25	4.1
M357497		3.22	0.484	5.50	7.10	186.0	1400	1.35	46.0	2.06	5.22	52.0	12.3	14	17.30	102.5
M357498		3.41	0.338	3.82	6.90	158.5	1350	1.27	5.74	2.08	22.0	50.2	47.1	10	13.30	83.1
M357499		3.50	0.266	2.06	7.14	134.5	1060	1.37	2.07	2.42	24.7	54.7	12.1	18	15.35	54.3
M357500		7.68	0.055	0.36	7.29	27.5	2170	1.46	1.15	2.55	0.56	50.8	7.2	18	11.15	37.7
M357501		<0.02	0.055	0.39	7.38	34.1	2150	1.38	1.02	2.48	0.67	50.3	7.2	17	11.00	39.1
M357502		8.20	0.038	0.36	7.37	22.2	2300	1.69	1.05	2.45	0.28	55.6	8.8	20	7.20	42.5
M357503		5.53	0.007	0.13	7.60	9.0	2350	1.70	0.52	2.54	0.13	46.9	6.8	11	13.60	17.8
M357504		2.82	0.058	0.68	6.94	57.0	2080	1.48	1.24	2.94	0.40	27.5	8.9	14	17.80	132.0
M357505		7.91	0.009	0.17	7.37	8.4	2370	1.58	0.46	2.71	0.16	47.8	8.2	14	9.91	15.3
M357506		8.88	0.045	0.22	7.40	13.2	2480	1.63	1.34	2.52	0.19	55.4	11.0	27	9.41	37.4
M357507		8.26	0.043	0.74	7.64	18.3	2640	1.42	0.91	2.30	0.87	52.2	10.6	24	10.75	45.9
M357508		0.26	4.46	>100	5.29	8100	1170	1.04	56.0	1.92	228	35.0	9.0	17	11.70	1290
M357509		3.68	0.017	0.10	7.35	10.9	2350	1.73	0.62	2.60	0.18	40.8	7.3	11	11.40	23.1
M357510		2.49	0.057	0.52	7.29	56.5	1750	1.53	0.72	2.19	0.40	40.7	6.3	12	15.65	21.0
M357511		2.71	0.566	11.15	6.49	249	980	1.48	12.80	2.76	106.0	46.3	5.8	11	16.15	233
M357512		1.93	<0.005	0.02	0.07	8	20	<0.05	0.02	21.1	0.11	1.16	1.9	<1	0.17	1.5
M357513		3.95	0.083	0.58	6.01	82.5	1220	0.97	0.92	4.40	0.54	44.8	5.7	11	14.90	30.8
M357514		5.24	0.070	0.47	6.76	34.4	1610	1.13	0.61	3.15	0.44	50.8	7.7	9	19.90	11.6
M357515		3.54	0.053	0.25	6.71	24.8	1750	1.09	1.02	2.50	0.28	44.6	4.4	15	19.80	36.1
M357516		6.45	0.184	0.47	6.99	29.1	2270	1.30	3.49	2.13	0.54	42.6	5.7	13	11.80	71.2
M357517		3.90	0.069	0.23	6.83	17.5	1990	1.31	1.16	2.35	0.14	43.9	5.5	9	11.20	46.6
M357518		2.10	0.111	0.45	6.79	27.3	2280	1.28	1.72	2.36	0.46	39.6	6.5	12	11.45	65.6
M357519		5.31	0.139	1.23	7.11	66.7	1320	1.30	2.05	3.07	0.36	55.7	12.3	8	21.4	48.5
M357520		2.53	0.352	3.11	7.21	235	790	1.43	1.36	2.37	48.4	55.1	7.7	10	19.05	454
M357521		8.15	0.117	0.61	6.72	70.0	1970	1.37	1.54	2.69	0.82	47.1	14.9	17	10.70	141.5
M357522		2.70	0.113	0.74	6.81	51.3	1980	1.28	3.11	2.64	1.43	39.0	7.0	11	11.20	91.5
M357523		2.77	0.199	2.53	7.01	90.9	650	1.27	3.97	1.28	0.41	49.9	10.5	8	10.50	161.5
M357524		3.64	0.074	0.64	7.00	30.2	1630	1.28	1.53	2.63	0.38	48.9	6.5	11	9.68	67.6
M357525		2.80	0.506	2.27	6.59	159.5	520	1.29	2.03	1.74	25.0	51.9	16.8	6	8.15	54.6



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**CERTIFICATE OF ANALYSIS WH12212353**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357490		3.66	16.35	0.12	1.0	0.074	2.97	29.0	16.5	0.92	1060	4.91	0.05	8.2	3.4	580
M357491		7.86	12.10	0.13	1.1	4.62	2.18	18.0	27.2	0.60	2950	14.65	0.08	5.9	13.7	440
M357492		3.15	15.05	0.10	1.0	0.074	2.78	27.1	16.2	0.84	1340	6.92	0.05	7.9	3.3	560
M357493		7.96	14.80	0.22	1.1	0.087	2.78	40.0	12.2	0.86	542	21.0	0.03	8.4	4.5	580
M357494		9.16	12.95	0.19	0.8	0.855	2.56	30.5	11.9	0.72	1500	11.25	0.03	5.7	5.4	500
M357495		6.24	16.05	0.14	0.9	1.630	2.97	28.9	13.4	0.52	1930	8.10	0.03	6.3	2.7	480
M357496		0.52	0.37	0.05	<0.1	0.008	0.02	0.7	0.9	13.15	226	0.17	<0.01	0.3	0.3	160
M357497		4.70	16.80	0.14	1.0	0.165	3.13	27.3	13.9	0.85	1020	4.45	0.04	7.7	2.9	610
M357498		6.12	15.50	0.14	0.9	0.155	2.88	27.6	23.6	0.87	1130	5.31	0.05	6.7	3.6	560
M357499		4.36	16.20	0.13	1.0	0.495	3.02	29.8	24.3	0.85	606	2.45	0.44	7.7	2.9	590
M357500		3.37	15.95	0.12	1.0	0.105	2.76	25.8	22.7	0.81	479	2.84	1.84	8.3	3.0	610
M357501		3.44	15.80	0.11	1.0	0.107	2.77	25.7	22.1	0.82	479	1.80	1.83	8.0	3.0	590
M357502		3.37	17.25	0.16	1.1	0.122	2.52	28.2	18.0	0.89	425	2.34	2.23	9.4	3.2	640
M357503		2.69	16.75	0.14	1.1	0.068	2.62	23.5	17.2	0.72	414	0.96	2.07	9.1	3.2	620
M357504		2.43	16.05	0.12	1.0	0.085	2.77	13.2	30.0	0.81	538	1.57	1.61	9.0	2.9	680
M357505		3.18	16.40	0.14	1.0	0.071	2.73	23.9	16.3	0.75	445	26.5	2.16	8.8	3.3	610
M357506		3.14	16.65	0.15	1.0	0.177	2.87	27.9	14.3	0.83	399	4.73	2.20	9.1	3.6	630
M357507		3.19	16.35	0.14	1.0	0.104	3.01	27.1	16.6	0.74	379	3.23	1.80	8.1	3.3	610
M357508		8.11	12.30	0.14	1.0	4.78	2.25	18.5	29.9	0.62	3050	15.45	0.08	6.1	14.0	450
M357509		3.19	16.80	0.14	1.1	0.093	2.78	19.8	14.8	0.79	388	4.03	2.21	9.2	3.3	630
M357510		3.27	16.20	0.13	1.2	0.113	3.18	19.7	18.4	0.73	1160	2.34	0.72	9.5	2.9	620
M357511		4.65	14.70	0.10	1.0	1.365	2.87	24.7	17.6	0.93	3650	2.21	0.12	7.2	2.9	500
M357512		0.48	0.39	0.05	<0.1	<0.005	0.02	0.5	0.7	12.75	216	0.12	0.01	0.4	0.6	170
M357513		3.30	12.95	0.15	0.9	0.139	2.57	24.7	17.2	1.30	1050	1.99	0.06	5.4	3.8	460
M357514		2.53	14.30	0.17	1.0	0.107	2.70	28.7	22.1	1.08	693	6.49	0.05	6.8	2.5	580
M357515		2.78	15.35	0.16	1.0	0.142	2.54	23.0	38.4	0.84	520	6.79	0.07	6.9	2.5	570
M357516		2.83	15.70	0.15	1.1	0.182	2.72	21.7	28.9	0.67	416	34.1	0.82	6.7	2.7	600
M357517		2.81	15.95	0.15	1.1	0.127	2.62	21.9	22.9	0.73	400	8.02	1.39	7.6	3.7	630
M357518		2.88	15.65	0.15	1.1	0.144	2.63	19.0	28.1	0.77	434	7.26	0.82	6.7	2.8	610
M357519		3.15	14.90	0.18	1.0	0.127	2.87	29.9	26.4	0.97	951	11.00	0.06	6.7	4.9	570
M357520		3.29	16.05	0.17	1.1	0.967	2.94	30.2	20.1	0.87	2030	2.98	0.05	7.3	3.2	570
M357521		3.23	16.60	0.14	1.3	0.163	2.63	22.7	19.1	0.80	475	31.5	1.46	7.7	3.5	600
M357522		3.09	16.60	0.16	1.2	0.175	2.95	18.3	17.5	0.71	439	1.95	1.08	7.6	2.6	640
M357523		3.18	17.30	0.18	1.1	0.243	3.67	27.3	18.4	0.66	508	3.48	0.07	5.1	2.3	560
M357524		2.88	16.45	0.18	1.1	0.161	3.43	24.8	24.7	0.69	715	2.22	0.22	6.3	2.1	600
M357525		5.22	16.05	0.18	1.0	0.215	3.21	29.1	14.4	0.77	2410	8.58	0.05	2.9	3.1	570



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**CERTIFICATE OF ANALYSIS WH12212353**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M357490		40.1	150.5	<0.002	1.88	13.45	10.2	1	2.0	144.0	0.62	0.55	14.9	0.247	6.1
M357491		9400	136.5	0.002	6.82	214	6.5	3	8.4	121.5	0.44	0.50	9.3	0.180	5.3
M357492		39.9	140.0	0.002	1.94	12.45	9.8	1	1.9	114.0	0.61	0.27	14.4	0.235	4.2
M357493		36.4	147.5	<0.002	7.70	11.75	10.3	4	3.0	132.0	0.62	2.35	13.0	0.239	7.2
M357494		718	161.0	0.002	9.71	18.00	8.3	4	5.7	110.0	0.43	4.01	11.7	0.176	5.5
M357495		1515	205	<0.002	6.59	66.0	9.1	2	19.0	30.0	0.47	6.80	13.0	0.198	4.8
M357496		3.8	1.7	<0.002	0.02	0.12	0.3	<1	<0.2	53.4	<0.05	<0.05	<0.2	<0.005	0.8
M357497		181.5	182.5	<0.002	3.61	21.1	10.6	1	7.4	102.0	0.61	1.19	14.6	0.226	8.0
M357498		380	173.5	<0.002	5.44	22.8	9.7	2	6.9	99.0	0.50	1.45	12.4	0.214	5.8
M357499		665	160.0	<0.002	2.26	15.75	10.1	2	5.5	207	0.59	0.39	14.5	0.235	6.0
M357500		36.3	113.5	<0.002	0.68	2.98	10.1	1	2.1	366	0.65	0.22	14.8	0.254	4.5
M357501		39.0	116.0	<0.002	0.73	3.16	10.0	1	2.1	357	0.63	0.17	15.1	0.253	4.4
M357502		22.6	118.0	<0.002	0.70	1.86	11.7	1	2.4	382	0.71	0.24	15.4	0.270	4.4
M357503		17.2	122.0	<0.002	0.22	7.54	11.1	1	1.7	376	0.69	0.08	14.5	0.268	4.0
M357504		29.1	115.5	<0.002	0.61	8.82	9.1	1	2.1	278	0.65	0.26	11.5	0.259	3.7
M357505		18.0	105.0	0.002	0.30	1.55	10.4	1	1.8	390	0.66	0.07	13.3	0.263	3.9
M357506		18.9	118.5	<0.002	0.45	1.89	11.6	2	2.3	366	0.66	0.38	13.6	0.258	4.2
M357507		47.3	129.0	<0.002	0.64	4.62	10.7	1	2.3	352	0.62	0.19	14.2	0.251	4.0
M357508		9730	137.5	<0.002	7.03	220	6.6	3	8.6	125.0	0.45	0.49	9.6	0.184	5.4
M357509		20.0	106.5	<0.002	0.37	2.61	10.4	1	1.9	933	0.78	0.16	12.5	0.259	4.6
M357510		36.7	142.5	<0.002	0.73	10.30	10.1	1	2.2	182.0	0.79	0.20	13.2	0.256	4.5
M357511		2010	162.0	<0.002	3.52	18.15	9.0	2	4.7	113.5	0.59	0.24	13.1	0.214	5.0
M357512		2.2	1.4	<0.002	<0.01	0.06	0.4	<1	<0.2	41.8	<0.05	<0.05	<0.2	<0.005	0.4
M357513		33.9	112.5	<0.002	1.47	9.87	8.0	1	2.4	113.5	0.48	0.12	10.6	0.200	6.4
M357514		22.3	120.0	<0.002	0.59	6.84	9.8	1	2.0	109.5	0.60	0.14	13.8	0.242	4.5
M357515		15.3	99.2	0.003	0.46	17.80	9.7	1	2.5	131.0	0.62	0.22	12.4	0.249	2.9
M357516		55.1	125.0	0.003	0.97	16.50	9.9	1	3.4	194.0	0.57	0.39	12.9	0.243	3.6
M357517		17.8	116.5	<0.002	0.34	11.10	10.2	1	2.7	281	0.62	0.23	11.4	0.261	3.0
M357518		52.4	121.0	0.002	1.03	16.60	9.6	1	3.3	197.5	0.56	0.46	11.3	0.233	3.2
M357519		29.0	165.0	<0.002	1.34	13.85	10.3	1	2.4	141.0	0.58	0.69	15.2	0.236	5.8
M357520		791	180.0	<0.002	2.35	56.1	10.3	1	3.7	96.4	0.61	0.23	12.7	0.244	6.4
M357521		42.8	121.5	0.002	1.13	14.20	10.4	1	2.8	301	0.77	0.40	11.5	0.244	4.1
M357522		72.6	124.0	<0.002	1.23	4.26	10.3	1	2.8	256	0.69	1.24	10.6	0.256	3.8
M357523		40.0	228	<0.002	2.26	10.10	10.6	1	8.5	64.2	0.45	1.63	14.9	0.204	2.9
M357524		31.1	159.0	0.002	1.52	8.42	10.2	1	3.5	125.0	0.56	0.63	13.3	0.231	3.4
M357525		529	217	0.002	5.02	11.15	10.7	1	6.2	42.3	0.27	0.51	12.0	0.125	3.7



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Project: Klaza-125

**CERTIFICATE OF ANALYSIS WH12212353**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M357490		69	5.0	14.6	141	28.8	1	
M357491		52	4.6	9.9	>10000	37.6	113	1.535
M357492		65	5.6	13.6	99	29.3	1	
M357493		70	4.7	16.5	43	30.2	1	
M357494		57	6.7	12.8	5500	23.6	7	
M357495		61	10.3	10.7	5550	27.6	74	
M357496		2	0.1	0.9	32	<0.5	<1	
M357497		67	13.3	13.2	269	29.8	5	
M357498		67	10.1	11.8	1020	28.0	3	
M357499		69	6.7	12.7	1110	29.2	1	
M357500		72	2.0	15.0	61	30.6	1	
M357501		70	1.8	14.5	68	28.8	<1	
M357502		76	1.6	18.5	41	32.6	<1	
M357503		74	1.8	14.6	41	32.1	<1	
M357504		72	2.7	11.1	63	31.8	1	
M357505		73	21.2	16.6	35	30.6	<1	
M357506		77	6.3	18.6	32	31.7	<1	
M357507		71	1.6	16.5	60	29.0	<1	
M357508		53	4.5	10.1	>10000	37.7	115	1.515
M357509		74	1.4	16.1	29	31.8	<1	
M357510		74	3.1	15.4	51	34.9	<1	
M357511		61	3.8	14.3	7880	28.0	11	
M357512		2	0.1	0.8	17	<0.5	<1	
M357513		57	3.4	13.2	79	20.7	<1	
M357514		63	3.7	14.7	64	27.6	<1	
M357515		69	4.0	13.0	44	24.7	<1	
M357516		69	1.9	13.7	55	26.1	<1	
M357517		75	2.1	15.0	41	30.1	<1	
M357518		66	2.2	12.8	54	27.4	<1	
M357519		65	3.8	14.4	59	25.6	1	
M357520		70	5.5	15.4	3630	25.8	3	
M357521		73	1.6	15.1	91	30.5	<1	
M357522		75	2.0	13.7	119	28.4	<1	
M357523		70	2.8	11.2	48	28.5	2	
M357524		72	2.1	12.8	68	27.0	<1	
M357525		68	2.9	8.2	1940	23.3	2	



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To: ROCKHAVEN RESOURCES LTD.  
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LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Project: Klaza-125

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 26-SEP-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12212353**

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



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Page: 1  
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**CERTIFICATE WH12212354**

Project: Klaza-125

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 25-SEP-2012  
Account: ROCKHA

Project: Klaza-125

**CERTIFICATE OF ANALYSIS WH12212354**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357418		4.83	0.168	0.81	7.97	72.9	1960	1.56	3.70	0.40	5.42	54.3	15.3	46	12.20	131.5
M357419		5.24	0.179	0.38	7.77	92.7	1640	1.97	3.31	1.97	3.70	41.3	13.7	46	12.25	182.0
M357420		5.39	2.53	0.47	7.32	35.1	1920	2.06	32.3	2.02	1.58	38.1	9.7	16	10.40	58.3
M357421		4.04	0.095	0.36	6.65	57.1	1730	1.65	3.63	1.64	1.87	36.7	6.7	17	9.38	110.0
M357422		7.68	0.113	0.77	7.20	72.0	1930	1.77	8.57	2.08	4.84	38.6	7.2	15	10.30	82.4
M357423		8.09	0.081	0.78	7.28	69.2	1850	1.69	3.43	1.69	12.35	43.1	6.8	15	11.85	156.5
M357424		<0.02	0.118	0.69	7.19	62.3	1840	1.69	3.54	1.63	11.20	40.1	6.5	15	11.10	146.5
M357425		7.91	0.070	1.39	7.45	66.6	1200	1.85	2.78	1.70	16.20	43.6	8.2	16	11.50	179.0
M357426		3.97	0.174	2.91	7.37	178.0	800	1.83	2.18	1.77	31.2	48.2	11.4	33	12.45	304
M357427		2.33	0.986	7.34	6.17	784	620	1.41	3.44	0.09	7.62	48.6	3.0	22	15.95	232
M357428		0.25	2.22	25.9	5.82	3440	1820	1.53	18.90	2.20	78.7	44.2	10.9	19	14.60	443
M357429		8.23	0.130	1.33	7.65	76.0	1940	1.69	0.65	2.36	17.35	45.1	9.8	8	19.10	120.5
M357430		3.12	0.107	1.16	7.09	85.0	1680	1.62	0.95	2.71	14.75	52.8	9.5	8	23.5	55.5
M357431		4.22	0.191	0.94	7.35	65.7	2410	1.95	1.36	1.68	8.16	44.4	13.3	10	17.65	48.9
M357432		3.11	0.108	0.85	6.80	47.8	2460	1.32	2.27	2.38	2.83	37.3	8.0	11	14.00	38.9
M357433		3.43	0.012	0.23	7.02	13.2	2550	1.55	1.07	2.52	0.53	40.4	6.6	10	17.00	16.1
M357434		2.76	0.089	0.75	7.04	64.8	2180	1.34	1.00	3.14	4.91	45.5	8.5	8	23.8	46.5
M357435		0.26	2.18	23.3	5.81	3410	1740	1.30	18.55	2.18	72.9	39.2	9.9	20	13.00	435
M357436		3.26	0.183	0.77	7.18	53.3	2120	1.90	0.86	2.43	12.70	43.4	8.9	12	16.80	32.1
M357437		3.35	0.114	0.46	7.12	36.9	2370	1.32	1.45	2.25	3.54	47.4	16.0	10	14.60	55.1
M357438		2.25	1.480	0.32	7.06	44.1	370	1.68	3.38	2.27	0.65	46.9	70.6	8	15.00	38.0
M357439		3.76	0.942	4.50	6.14	185.0	1710	1.48	9.69	2.34	4.15	44.8	113.5	9	14.90	84.9
M357440		3.39	0.460	74.6	5.94	218	780	1.42	56.7	1.76	13.10	43.5	14.8	9	12.50	1610
M357441		3.30	0.430	8.73	7.32	114.0	960	1.90	39.8	1.96	14.25	56.5	8.0	13	23.8	43.4
M357442		2.25	<0.005	0.32	0.11	<5	330	0.07	0.15	20.2	0.11	1.46	0.7	<1	0.28	3.9
M357443		4.67	<0.005	0.63	7.09	28.2	1750	2.27	0.24	2.53	2.40	66.4	6.8	28	27.6	16.3
M357444		7.48	0.021	0.73	6.92	38.5	2000	2.15	0.70	2.54	0.97	53.3	6.8	24	25.8	36.8
M357445		8.19	0.124	2.83	7.62	47.0	2170	2.23	7.40	3.13	1.69	54.5	10.5	24	23.7	254
M357446		7.52	<0.005	0.21	7.08	8.4	1430	1.84	0.14	2.74	1.14	50.8	6.6	11	24.3	6.2
M357447		2.66	<0.005	0.40	6.81	9.8	1520	2.08	0.16	2.63	1.08	49.6	6.8	11	24.5	51.4
M357448		7.49	0.012	0.11	6.91	10.1	1200	1.72	0.14	3.33	1.38	51.8	6.8	10	22.5	13.1
M357449		8.35	<0.005	0.13	6.97	10.7	1300	1.88	0.27	2.91	0.85	49.4	7.5	13	23.7	13.0
M357450		8.04	0.041	0.70	6.75	22.9	1160	2.49	1.07	2.66	2.83	44.2	6.9	21	25.2	28.5
M357451		2.53	<0.005	0.05	0.06	<5	20	<0.05	0.03	20.1	0.06	0.93	0.6	<1	0.21	1.5
M357452		7.89	<0.005	0.10	6.89	6.6	1010	2.12	0.08	0.89	0.13	40.5	1.7	3	20.0	1.6
M357453		7.93	<0.005	0.04	6.97	4.0	1210	2.02	0.04	1.21	0.03	40.4	1.5	3	20.0	0.8





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Plus Appendix Pages  
Finalized Date: 25-SEP-2012  
Account: ROCKHA

Project: Klaza-125

**CERTIFICATE OF ANALYSIS WH12212354**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357418		4.14	18.50	0.14	1.7	0.351	3.49	27.4	34.2	0.41	563	2.39	0.13	8.2	11.6	770
M357419		3.71	21.2	0.07	1.7	0.324	3.55	20.4	49.6	0.66	393	3.43	0.07	8.8	8.9	1050
M357420		2.59	18.00	0.09	1.4	0.450	3.40	20.1	14.0	0.78	318	2.00	0.10	8.6	4.6	620
M357421		2.30	17.00	0.06	1.5	0.320	3.43	18.0	11.8	0.68	315	1.71	0.08	8.6	3.6	620
M357422		2.79	18.20	0.07	1.5	0.562	3.21	19.4	67.9	0.85	668	1.49	0.13	8.9	4.3	600
M357423		2.53	18.40	0.09	1.6	0.364	3.33	21.3	39.6	0.78	845	1.79	0.10	9.0	4.3	640
M357424		2.51	17.30	0.06	1.5	0.361	3.24	20.0	36.7	0.76	815	1.60	0.10	8.6	4.2	610
M357425		3.07	17.60	0.10	1.5	0.216	3.53	22.6	19.5	0.82	696	1.82	0.07	8.3	4.5	640
M357426		4.00	18.25	0.11	2.0	0.383	3.40	25.7	14.6	0.88	2050	2.40	0.05	7.6	7.1	860
M357427		6.10	16.50	0.07	1.0	1.920	2.56	26.7	20.1	0.29	181	6.97	0.03	4.5	2.2	780
M357428		6.36	14.20	0.08	0.9	1.600	2.65	23.1	23.6	0.89	1900	12.90	0.04	6.0	15.3	440
M357429		3.32	16.45	0.06	1.0	0.138	2.32	22.9	43.5	0.83	760	1.02	0.13	8.0	3.0	640
M357430		3.26	16.70	0.11	1.1	0.073	2.79	27.4	22.0	0.95	760	3.17	0.07	8.0	3.0	620
M357431		3.63	16.80	0.08	1.0	0.094	3.15	20.5	29.8	0.61	406	3.53	0.71	8.1	4.3	660
M357432		3.10	15.70	0.10	1.0	0.110	2.79	17.7	52.9	0.64	578	0.72	0.28	7.4	3.2	600
M357433		2.89	16.40	0.08	1.0	0.074	2.66	18.1	40.2	0.66	530	0.93	1.44	7.9	2.7	610
M357434		3.09	15.80	0.09	1.0	0.070	2.65	23.2	18.7	1.08	651	1.01	0.13	7.3	3.0	590
M357435		6.38	12.85	0.09	0.9	1.445	2.62	20.9	21.7	0.90	1860	11.45	0.04	5.3	13.9	440
M357436		3.28	17.70	0.09	1.2	0.098	2.73	20.5	25.9	0.78	582	0.97	1.22	8.7	3.1	680
M357437		3.23	15.95	0.07	1.0	0.104	2.79	24.1	28.4	0.73	541	1.39	0.64	7.7	2.9	600
M357438		4.74	16.45	0.10	1.0	0.102	3.00	22.7	23.3	0.64	343	2.45	1.09	7.7	3.5	620
M357439		7.93	13.95	0.12	0.8	0.142	2.58	25.8	17.2	0.96	663	5.14	0.04	5.4	5.3	490
M357440		4.94	12.80	0.07	0.8	0.173	2.44	23.4	22.3	0.76	595	2.18	0.04	4.6	3.1	480
M357441		3.28	17.75	0.09	1.8	0.163	2.88	30.3	19.8	0.83	1200	2.18	0.07	8.9	7.7	580
M357442		0.47	0.28	0.05	<0.1	0.011	0.05	0.7	1.4	12.45	211	0.10	0.01	0.3	1.8	170
M357443		2.57	19.15	0.10	4.0	0.031	2.68	33.2	21.8	1.03	920	1.31	0.08	10.8	14.6	900
M357444		2.10	18.65	0.08	3.2	0.043	2.84	25.7	19.3	0.94	584	1.32	0.07	10.4	12.3	860
M357445		2.69	19.15	0.11	3.4	0.069	2.82	25.7	37.8	1.18	548	12.45	0.07	9.1	12.0	910
M357446		2.51	18.75	0.11	2.4	0.035	2.79	23.7	25.2	1.03	521	0.55	0.05	8.4	5.8	790
M357447		2.46	19.65	0.09	2.5	0.038	2.76	23.3	25.6	0.98	512	0.56	0.05	8.9	5.7	780
M357448		2.52	17.45	0.12	2.1	0.033	2.81	22.8	22.3	1.18	633	0.60	0.05	8.0	4.5	780
M357449		2.42	17.95	0.12	2.6	0.033	2.58	23.9	28.8	1.10	593	0.56	0.05	8.1	7.2	770
M357450		2.51	17.00	0.09	3.1	0.084	2.79	20.0	20.0	0.98	750	2.73	0.07	9.3	8.7	700
M357451		0.45	0.18	0.06	<0.1	0.010	0.02	<0.5	1.0	12.35	211	0.08	<0.01	0.1	1.6	180
M357452		1.30	18.65	0.08	2.5	0.017	2.76	19.9	15.0	0.40	396	1.03	0.08	14.4	1.1	330
M357453		1.31	18.65	0.11	2.6	0.021	2.92	20.0	11.2	0.49	417	0.41	0.06	15.2	0.9	330



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Project: Klaza-125

**CERTIFICATE OF ANALYSIS WH12212354**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M357418		50.6	179.5	<0.002	0.43	9.94	12.1	2	4.4	71.0	0.61	0.35	11.7	0.252	3.4
M357419		17.6	150.5	<0.002	1.39	10.25	13.1	1	2.5	68.6	0.57	0.40	10.0	0.234	3.0
M357420		26.9	138.5	<0.002	0.99	5.42	7.5	1	1.9	78.1	0.62	0.34	10.1	0.186	2.2
M357421		17.0	154.0	<0.002	0.99	10.95	6.9	<1	2.0	67.3	0.65	0.39	9.8	0.194	2.2
M357422		53.9	142.5	<0.002	1.20	13.55	7.1	<1	1.8	98.0	0.65	0.31	10.0	0.187	2.6
M357423		41.7	166.5	<0.002	0.96	13.60	7.2	1	1.5	73.5	0.68	0.20	10.6	0.192	3.0
M357424		41.2	157.0	<0.002	0.94	11.75	6.7	<1	1.4	70.7	0.67	0.21	10.3	0.191	2.8
M357425		71.1	193.5	<0.002	1.40	15.60	7.3	1	2.1	60.8	0.63	0.38	11.1	0.187	2.9
M357426		162.0	207	0.002	1.94	28.9	10.9	1	3.2	61.5	0.59	0.44	10.4	0.219	5.9
M357427		1300	186.5	0.002	0.40	42.8	9.3	<1	12.7	102.0	0.41	1.05	11.1	0.165	4.4
M357428		2730	164.5	0.002	4.66	93.9	8.3	1	7.7	90.0	0.46	0.35	10.9	0.180	4.9
M357429		65.6	86.4	<0.002	0.42	27.0	11.0	<1	2.1	165.0	0.65	0.08	13.1	0.253	3.0
M357430		67.5	111.0	<0.002	0.54	13.20	11.5	1	3.0	126.0	0.63	<0.05	13.6	0.242	3.5
M357431		96.7	125.5	<0.002	0.80	11.10	11.4	1	3.3	188.0	0.67	0.25	12.7	0.259	2.4
M357432		63.9	93.5	<0.002	0.53	9.90	9.7	<1	2.4	176.0	0.61	0.44	10.1	0.242	2.4
M357433		23.5	86.5	<0.002	0.15	5.61	10.0	1	1.8	330	0.64	<0.05	10.6	0.251	2.2
M357434		89.8	88.2	<0.002	0.48	17.70	10.3	<1	2.2	159.0	0.59	0.24	12.2	0.237	3.6
M357435		2720	148.5	<0.002	4.66	84.9	7.7	<1	7.2	82.9	0.45	0.34	10.7	0.177	4.8
M357436		68.2	105.0	<0.002	0.52	12.20	12.0	1	4.0	284	0.69	0.07	11.8	0.265	3.2
M357437		37.1	101.0	<0.002	0.62	17.75	10.5	<1	2.1	202	0.59	0.56	12.6	0.241	3.1
M357438		30.4	114.0	0.002	2.90	8.33	10.9	1	2.9	291	0.56	1.84	11.6	0.240	3.7
M357439		108.0	151.0	0.002	7.19	34.2	9.2	4	3.9	126.0	0.45	4.57	12.5	0.179	5.7
M357440		235	141.0	<0.002	3.92	795	8.5	<1	5.3	122.0	0.40	2.34	11.0	0.169	4.2
M357441		452	131.0	<0.002	1.26	21.1	11.0	1	3.3	218	0.66	23.5	13.4	0.244	5.4
M357442		2.3	1.9	<0.002	0.01	1.10	0.2	<1	0.2	47.2	<0.05	<0.05	0.2	0.006	0.6
M357443		50.8	93.9	<0.002	0.08	15.05	6.3	1	1.7	271	0.73	<0.05	11.4	0.261	4.6
M357444		77.2	86.9	0.002	0.19	17.80	5.4	1	1.7	239	0.76	0.07	9.8	0.249	5.1
M357445		55.7	84.9	<0.002	0.13	37.8	8.4	1	1.7	377	0.58	<0.05	8.7	0.315	4.3
M357446		18.4	89.6	0.002	0.04	12.80	7.9	<1	1.4	280	0.59	<0.05	8.0	0.278	3.3
M357447		18.3	92.4	<0.002	0.04	16.85	8.3	<1	1.5	268	0.60	<0.05	7.9	0.275	3.4
M357448		28.9	85.0	<0.002	0.08	15.80	7.3	<1	2.2	311	0.53	<0.05	8.0	0.272	2.9
M357449		22.5	96.0	<0.002	0.05	18.20	8.4	1	2.0	279	0.57	<0.05	8.2	0.274	3.7
M357450		146.5	93.4	<0.002	0.29	11.50	7.4	<1	2.9	282	0.72	<0.05	7.4	0.268	5.4
M357451		1.5	1.2	<0.002	<0.01	0.10	0.2	<1	<0.2	38.9	<0.05	<0.05	<0.2	<0.005	0.4
M357452		29.6	117.5	<0.002	0.15	3.27	2.6	<1	1.8	133.0	1.53	<0.05	9.1	0.129	3.0
M357453		30.1	128.5	<0.002	0.03	2.37	2.7	<1	2.6	136.0	1.46	<0.05	8.8	0.129	3.6



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Project: Klaza-125

**CERTIFICATE OF ANALYSIS WH12212354**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357418		86	4.0	12.8	354	53.9	<1
M357419		91	3.9	10.8	215	62.8	<1
M357420		59	1.8	8.3	105	45.2	<1
M357421		59	2.3	8.1	105	45.8	<1
M357422		55	1.7	9.2	272	47.5	<1
M357423		58	1.9	10.3	373	49.6	<1
M357424		57	2.0	9.7	367	46.2	<1
M357425		58	2.6	8.8	376	47.6	1
M357426		79	4.3	12.5	1040	56.8	2
M357427		69	6.6	6.0	1060	29.1	8
M357428		59	5.2	9.0	5580	24.7	25
M357429		75	2.1	14.3	879	23.6	<1
M357430		72	1.5	15.4	838	25.1	<1
M357431		77	1.5	12.6	717	25.2	<1
M357432		70	2.7	12.3	294	21.6	<1
M357433		74	1.9	12.9	83	23.5	<1
M357434		68	2.6	14.0	381	23.8	<1
M357435		57	5.0	8.1	5450	22.3	25
M357436		82	3.1	14.7	659	27.9	1
M357437		70	2.1	13.1	270	22.9	1
M357438		72	0.9	12.8	93	25.8	1
M357439		58	4.2	11.5	274	20.4	5
M357440		58	4.5	10.5	471	18.0	77
M357441		68	3.8	14.7	1300	63.7	7
M357442		2	0.1	0.8	18	0.6	<1
M357443		53	1.5	12.1	391	155.5	1
M357444		53	1.9	9.7	123	120.5	1
M357445		80	2.0	12.1	145	130.0	3
M357446		70	2.6	11.9	126	80.2	<1
M357447		69	2.8	12.1	126	82.6	1
M357448		68	2.9	11.5	174	72.7	1
M357449		70	2.8	12.5	138	89.0	<1
M357450		67	2.3	12.8	251	111.0	1
M357451		2	0.1	0.6	13	0.6	1
M357452		15	1.1	14.4	57	58.4	<1
M357453		15	1.8	14.8	55	61.1	<1



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**CERTIFICATE OF ANALYSIS WH12212354**

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



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**CERTIFICATE WH12212393**

Project: Klaza-123

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12212393**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358630		3.22	0.034	0.60	7.13	32.2	1430	1.63	1.15	2.06	0.85	50.5	5.8	9	20.8	15.0
M358631		2.84	<0.005	0.03	0.06	<5	30	0.05	0.04	20.2	0.06	1.11	0.6	<1	0.13	2.8
M358632		4.13	0.266	3.23	6.45	195.0	1120	1.36	3.46	1.33	34.2	43.9	6.7	8	10.75	27.8
M358633		0.26	2.09	26.1	5.61	3170	600	1.35	21.8	2.30	78.7	41.8	11.2	19	13.85	441
M358634		3.75	0.125	1.33	7.25	46.1	1180	1.56	5.06	1.75	0.50	34.3	9.2	8	9.59	45.9
M358635		4.85	0.138	1.37	7.15	36.5	840	1.53	4.15	1.67	0.55	41.7	8.1	8	9.76	73.9
M358636		2.14	<0.005	0.05	0.14	<5	60	0.11	0.03	20.3	0.07	1.08	0.7	<1	2.01	3.3
M358637		4.06	0.042	0.67	6.74	45.1	1530	1.42	1.84	2.74	0.24	41.2	6.9	7	14.65	21.2
M358638		3.94	0.009	0.23	7.19	20.9	2270	1.59	1.19	2.61	0.10	50.4	7.3	10	12.65	25.5
M358639		3.75	0.009	0.39	7.20	24.4	1890	1.63	1.28	2.15	0.18	43.6	7.8	9	15.30	18.3
M358640		4.00	0.048	1.14	6.72	73.4	1560	1.58	2.15	2.88	2.19	45.9	7.7	8	15.35	30.1
M358641		4.52	0.027	0.73	6.92	45.8	2000	1.70	3.60	2.78	0.66	44.1	12.4	8	12.95	57.7
M358642		2.42	0.090	3.55	7.57	82.0	1090	2.47	2.73	2.44	45.7	63.9	14.5	8	15.65	49.3
M358643		5.70	<0.005	0.27	6.93	12.0	950	2.26	0.35	1.08	0.70	36.2	1.8	3	16.15	4.2
M358644		7.27	<0.005	0.05	6.53	9.9	810	2.25	0.18	1.72	0.08	33.4	1.6	3	16.00	1.1
M358645		7.64	<0.005	0.03	6.30	6.6	950	2.02	0.30	1.59	0.10	30.8	1.6	3	14.85	1.3
M358646		2.44	0.016	0.45	6.81	19.5	1170	2.50	1.63	0.78	4.27	38.1	2.1	3	17.00	15.5
M358647		2.47	0.054	2.31	7.43	95.0	760	2.54	2.31	1.87	16.00	47.6	8.7	7	21.2	43.3
M358648		5.85	0.027	0.61	7.27	38.9	1830	1.56	1.11	2.62	1.52	45.3	7.1	8	13.90	25.7
M358649		<0.02	0.030	0.65	7.13	38.5	1830	1.52	1.07	2.56	1.58	41.0	7.4	8	13.70	27.4
M358650		2.83	0.700	4.83	6.81	546	620	1.60	3.11	1.64	28.3	54.6	11.9	6	17.50	73.0
M358651		3.10	0.712	3.81	6.78	707	440	1.50	0.84	2.58	51.5	47.9	6.9	6	15.95	44.6
M358652		4.21	0.075	0.72	7.33	69.1	1530	1.51	0.48	1.80	5.11	43.0	6.9	8	15.05	18.2
M358653		3.99	0.331	22.3	7.14	165.5	860	1.63	39.2	2.16	78.3	46.5	8.3	7	21.1	51.1
M358654		3.99	0.064	2.89	7.21	47.4	1170	1.92	2.61	2.48	3.48	42.8	5.8	7	24.6	23.0
M358655		3.46	0.077	4.30	6.79	42.7	7290	1.67	0.83	2.00	8.88	50.5	4.6	4	20.0	29.4
M358656		3.02	0.141	3.49	7.49	70.4	2390	1.78	0.97	1.73	8.91	50.8	5.1	5	25.0	26.4
M358657		0.26	0.847	10.35	6.74	1695	1280	1.62	6.91	1.97	42.5	70.9	18.0	19	16.35	112.0
M358658		2.48	0.163	0.83	7.19	32.9	1680	1.95	0.25	2.18	2.16	49.5	4.8	4	25.3	18.7
M358659		2.48	1.725	3.60	6.26	313	460	1.51	0.89	2.88	29.3	41.7	4.6	6	16.95	31.1
M358660		3.69	0.990	4.35	6.67	288	660	1.66	0.57	2.98	9.00	44.7	7.6	6	18.00	30.8
M358661		3.16	0.100	0.55	7.06	46.9	2010	1.47	0.72	1.38	0.70	22.0	2.9	6	9.10	5.4
M358662		3.46	0.444	1.26	6.47	138.0	900	1.29	1.43	2.57	1.08	74.0	3.0	10	12.35	12.7
M358663		3.79	0.026	0.27	7.02	36.7	2700	1.28	0.69	2.69	0.24	50.6	8.0	8	16.25	12.9
M358664		1.44	0.024	0.25	7.09	38.7	2350	1.30	0.65	2.86	0.24	45.9	6.4	8	16.45	14.2
M358665		4.78	0.015	0.25	7.20	29.2	2210	1.30	0.79	2.70	0.19	44.1	9.1	8	15.40	19.9



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Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12212393**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358630		3.12	16.05	0.12	1.7	0.099	3.01	25.6	25.6	0.71	1120	1.13	0.22	7.9	2.7	580
M358631		0.45	0.18	0.08	<0.1	0.005	0.02	0.5	1.0	12.40	189	0.19	0.01	0.2	1.3	220
M358632		4.78	14.95	0.12	1.4	0.438	2.92	23.0	10.3	0.64	1400	5.19	0.06	6.2	2.6	530
M358633		6.71	14.00	0.14	1.0	1.480	2.60	21.7	22.3	0.93	1930	12.25	0.04	5.6	14.7	440
M358634		3.14	15.40	0.11	1.5	0.151	3.51	18.6	6.7	0.73	725	4.17	0.05	5.9	2.2	610
M358635		3.93	16.90	0.12	1.6	0.208	3.27	22.0	11.7	0.68	1400	1.25	0.16	6.3	2.4	570
M358636		0.51	0.43	0.06	<0.1	0.005	0.13	0.5	2.0	12.65	242	0.11	0.01	0.3	1.3	170
M358637		3.36	15.25	0.10	1.6	0.138	3.15	20.6	15.3	0.95	1590	1.52	0.40	7.0	2.5	600
M358638		2.43	16.65	0.14	1.7	0.084	3.09	22.8	14.9	0.64	665	0.75	1.29	7.4	2.6	640
M358639		1.89	16.50	0.12	1.6	0.065	3.04	21.2	24.8	0.54	515	1.14	1.09	7.5	2.5	650
M358640		3.28	15.75	0.11	1.5	0.151	2.89	22.1	25.2	0.92	1560	2.52	0.92	7.2	2.8	600
M358641		3.19	17.00	0.12	1.5	0.223	3.04	21.0	20.4	0.84	1240	2.08	1.19	7.7	3.1	640
M358642		3.65	16.35	0.14	1.7	1.050	3.40	32.9	9.6	0.86	2080	2.56	0.13	7.3	3.2	630
M358643		1.32	18.10	0.11	2.9	0.032	2.73	18.9	14.6	0.36	463	1.03	0.09	15.2	0.9	320
M358644		1.29	17.90	0.11	2.9	0.017	2.70	15.2	10.2	0.43	453	0.40	0.07	15.0	0.8	330
M358645		1.26	16.90	0.10	2.7	0.015	2.60	13.8	10.9	0.36	439	0.92	0.07	12.9	0.8	310
M358646		1.50	17.35	0.11	2.9	0.074	2.62	19.7	22.4	0.32	497	4.37	0.11	16.3	0.9	330
M358647		4.90	16.25	0.13	1.5	0.402	3.26	25.0	14.9	0.97	2090	4.14	0.09	7.2	2.7	620
M358648		3.54	15.35	0.12	1.4	0.118	2.88	23.2	19.2	0.84	1120	1.33	1.23	7.1	2.6	620
M358649		3.54	15.05	0.10	1.4	0.131	2.92	20.4	19.4	0.82	1140	1.39	1.22	7.0	2.7	620
M358650		4.96	14.80	0.12	1.4	0.941	3.18	29.9	10.5	0.78	3380	1.52	0.03	6.0	3.0	560
M358651		3.74	14.10	0.12	1.7	2.02	2.96	26.8	11.5	0.92	4100	1.50	0.04	6.6	2.6	560
M358652		3.50	16.30	0.12	1.7	0.205	2.71	21.0	41.7	0.74	1410	1.00	0.07	7.6	2.7	660
M358653		4.99	15.45	0.10	1.5	3.81	3.05	24.7	16.9	1.05	2960	1.22	0.05	6.7	2.8	620
M358654		3.43	17.00	0.11	1.8	0.120	3.12	21.3	42.5	0.82	1590	1.50	0.13	7.7	2.7	650
M358655		2.71	17.00	0.12	2.2	0.063	2.74	25.5	19.6	0.69	1520	2.28	0.04	8.2	2.1	810
M358656		2.84	19.10	0.12	2.4	0.165	3.04	23.7	25.8	0.68	1420	3.04	0.05	9.1	2.2	870
M358657		5.59	16.60	0.15	2.2	0.821	2.93	34.4	25.9	0.75	2050	12.10	0.31	18.0	16.8	520
M358658		2.73	18.45	0.12	2.4	0.052	2.87	23.9	26.9	0.73	1180	1.65	0.06	9.2	2.3	870
M358659		3.76	15.75	0.10	1.4	0.676	3.01	20.0	15.4	0.85	5680	3.43	0.03	6.6	2.4	540
M358660		4.02	15.50	0.12	1.4	0.317	2.86	23.8	19.0	0.94	4760	7.84	0.03	7.0	2.5	550
M358661		1.89	12.85	0.10	1.5	0.223	3.65	10.1	8.7	0.62	1670	4.30	0.04	5.5	1.8	580
M358662		3.83	14.85	0.14	1.3	0.315	3.20	37.6	9.8	0.85	3320	1.15	0.04	4.9	3.3	540
M358663		2.71	16.30	0.15	1.2	0.236	3.43	26.2	14.7	0.83	1110	0.87	0.24	6.7	3.0	590
M358664		2.75	17.00	0.15	1.2	0.255	3.56	23.0	12.3	0.89	1210	0.87	0.24	7.4	2.8	620
M358665		3.05	17.05	0.16	1.3	0.178	3.16	22.2	10.5	0.81	997	2.37	1.23	7.8	3.1	630



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Finalized Date: 23-SEP-2012  
Account: ROCKHA

Project: Klaza-123

**CERTIFICATE OF ANALYSIS WH12212393**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358630		45.7	126.0	0.003	0.50	6.47	10.6	<1	2.2	119.5	0.60	0.26	14.1	0.255	1.94	2.8
M358631		1.3	1.0	<0.002	<0.01	0.09	0.2	<1	0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M358632		297	169.5	0.007	4.20	8.51	9.9	1	5.1	55.1	0.52	0.66	12.0	0.224	2.22	3.2
M358633		2850	165.0	<0.002	4.71	94.4	8.2	1	7.7	88.4	0.45	0.36	10.6	0.183	2.25	4.8
M358634		49.1	211	0.003	1.97	7.23	11.3	1	3.8	64.0	0.46	0.53	13.9	0.221	2.80	2.5
M358635		51.1	160.5	0.002	3.11	5.36	10.8	2	3.9	65.6	0.54	0.66	13.9	0.231	2.47	3.1
M358636		2.0	8.5	<0.002	0.02	0.10	0.2	<1	0.4	47.4	<0.05	<0.05	<0.2	0.005	0.05	0.6
M358637		28.6	152.5	0.003	1.74	5.59	10.4	1	2.1	148.0	0.57	0.23	12.6	0.261	2.64	4.2
M358638		13.7	140.0	<0.002	0.60	3.43	11.3	1	2.0	308	0.65	0.18	12.0	0.264	1.92	3.0
M358639		16.8	147.5	<0.002	0.29	31.2	12.0	<1	1.9	262	0.60	0.05	12.6	0.273	1.92	3.5
M358640		104.5	134.0	0.003	1.18	6.05	11.0	1	2.4	254	0.60	0.17	10.4	0.261	2.25	3.3
M358641		35.1	148.5	0.002	0.81	5.42	11.5	1	2.3	319	0.58	0.17	10.6	0.273	2.36	3.4
M358642		1825	189.0	0.003	1.37	12.70	10.9	1	5.1	171.0	0.64	0.13	14.2	0.256	2.93	25.1
M358643		47.5	108.0	<0.002	0.18	2.07	2.7	<1	2.7	113.5	1.48	<0.05	9.0	0.135	1.29	6.7
M358644		30.2	95.8	<0.002	0.18	1.54	2.6	<1	1.8	111.5	1.41	<0.05	7.8	0.134	1.18	5.1
M358645		30.1	88.8	0.002	0.09	1.51	2.4	<1	1.6	115.5	1.41	<0.05	7.6	0.131	1.24	3.7
M358646		184.0	113.5	<0.002	0.18	5.92	2.9	<1	2.6	185.0	1.44	0.05	9.3	0.138	1.52	8.9
M358647		422	197.0	<0.002	1.05	11.30	11.9	1	2.6	123.5	0.57	0.10	12.6	0.265	2.98	16.5
M358648		102.5	127.0	0.002	0.30	6.16	11.4	1	2.0	297	0.56	0.07	12.6	0.270	1.70	3.2
M358649		118.5	117.5	<0.002	0.31	6.32	10.9	1	2.0	293	0.54	0.11	12.5	0.272	1.82	3.0
M358650		623	222	0.002	2.95	18.90	10.1	<1	4.0	74.5	0.49	0.43	12.1	0.233	3.19	4.3
M358651		534	174.0	<0.002	2.30	13.55	10.4	<1	3.3	96.3	0.58	0.05	14.0	0.236	3.11	4.7
M358652		88.3	105.5	<0.002	0.34	10.85	11.9	1	2.1	139.0	0.61	<0.05	11.5	0.285	1.78	2.4
M358653		533	206	<0.002	1.83	12.90	11.0	1	3.9	188.5	0.49	0.12	11.8	0.265	2.70	4.1
M358654		130.5	141.0	0.003	0.25	20.6	10.4	<1	8.3	254	0.62	0.05	11.7	0.279	2.48	3.3
M358655		510	110.0	<0.002	0.41	26.0	5.2	1	1.5	270	0.63	<0.05	8.7	0.280	2.02	3.4
M358656		426	102.5	<0.002	0.39	19.75	5.5	1	1.6	279	0.66	<0.05	8.9	0.313	2.08	3.8
M358657		1390	166.0	<0.002	3.21	34.9	9.2	1	6.3	155.0	1.50	0.32	13.2	0.214	2.44	5.0
M358658		72.2	103.5	0.002	0.16	16.70	5.7	<1	1.6	265	0.68	<0.05	8.8	0.310	1.74	4.8
M358659		654	142.0	<0.002	2.63	11.30	9.7	<1	3.4	109.0	0.57	0.05	10.9	0.237	3.04	3.3
M358660		1345	149.5	<0.002	2.39	12.30	10.5	1	3.6	137.0	0.59	0.05	13.1	0.244	2.92	3.4
M358661		52.6	198.0	<0.002	0.71	22.9	10.1	<1	2.2	61.4	0.50	0.10	14.5	0.221	3.04	2.7
M358662		87.2	191.0	<0.002	2.81	9.05	10.1	1	3.2	104.0	0.45	0.23	12.0	0.200	2.80	2.4
M358663		17.9	145.5	<0.002	0.79	6.57	11.2	1	2.2	210	0.63	0.10	11.6	0.235	2.84	3.4
M358664		16.4	142.0	<0.002	0.67	6.74	11.2	1	2.3	214	0.64	0.08	10.9	0.246	2.93	3.4
M358665		19.8	129.0	<0.002	0.50	5.18	11.5	1	2.0	319	0.70	0.08	11.3	0.254	2.10	4.0





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**CERTIFICATE OF ANALYSIS WH12212393**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358630		67	1.8	14.2	149	47.2	<1
M358631		2	0.1	0.8	12	<0.5	<1
M358632		65	2.9	9.3	2020	34.2	4
M358633		55	5.0	9.5	5480	25.5	25
M358634		72	2.5	11.2	72	38.9	1
M358635		69	3.0	11.0	61	39.8	1
M358636		2	0.1	0.7	24	0.5	<1
M358637		72	1.8	12.4	51	42.3	1
M358638		77	2.3	13.1	32	43.4	<1
M358639		80	4.8	12.3	41	45.2	<1
M358640		75	1.9	13.1	212	38.6	1
M358641		77	1.5	13.8	99	39.5	<1
M358642		74	2.6	14.7	2430	44.4	3
M358643		15	1.6	14.1	98	59.7	<1
M358644		14	1.6	13.3	51	63.9	<1
M358645		14	1.1	12.8	53	54.0	1
M358646		17	2.9	13.8	337	61.4	<1
M358647		75	3.7	14.0	1240	37.5	3
M358648		75	1.2	14.4	171	40.2	<1
M358649		76	1.2	13.5	172	37.7	1
M358650		70	4.6	10.0	2140	35.4	5
M358651		65	4.5	12.8	3650	40.9	4
M358652		81	3.7	14.5	396	44.5	1
M358653		73	4.6	13.6	5230	39.5	23
M358654		73	3.4	14.4	372	48.3	3
M358655		42	2.9	10.7	818	60.1	4
M358656		48	3.0	11.5	758	69.1	4
M358657		58	5.3	13.4	3060	68.0	10
M358658		47	1.6	10.8	238	66.9	1
M358659		64	5.3	12.3	2270	36.8	4
M358660		65	5.0	13.7	736	38.6	5
M358661		65	4.3	9.2	82	39.2	1
M358662		65	2.7	12.5	125	34.3	1
M358663		73	2.2	14.9	59	36.4	<1
M358664		74	2.2	15.1	62	37.2	1
M358665		75	1.8	15.7	54	38.0	<1



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**CERTIFICATE OF ANALYSIS WH12212393**

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



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**CERTIFICATE WH12212394**

Project: Klaza-125

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12212394**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357454		7.93	0.042	0.12	6.78	12.7	1390	2.33	0.11	1.02	0.29	37.6	2.2	3	19.45	4.3
M357455		2.98	0.012	0.25	6.94	19.8	1150	2.20	1.28	1.98	0.35	44.4	6.7	7	21.0	33.0
M357456		2.06	0.047	1.67	7.11	34.6	1270	2.14	2.04	2.14	5.72	41.5	7.8	6	24.2	63.3
M357457		0.26	2.22	24.6	5.64	3120	1190	1.30	20.7	2.07	74.3	41.6	10.4	17	12.60	415
M357458		2.93	0.010	0.16	6.94	12.8	2280	1.58	1.37	2.40	0.16	42.2	6.2	8	15.90	21.2
M357459		5.75	0.134	0.77	6.91	74.7	1480	1.54	2.05	2.24	1.38	62.7	20.3	8	21.0	177.5
M357460		4.11	0.261	1.46	6.48	54.3	680	1.44	3.64	2.27	1.37	40.9	20.7	10	12.70	50.8
M357461		4.02	0.134	0.51	7.20	28.8	1710	1.39	2.36	1.91	1.65	43.7	8.5	8	11.80	54.1
M357462		3.81	0.066	0.46	6.89	22.5	2230	1.60	1.05	2.39	2.14	41.8	7.1	8	11.35	24.3
M357463		5.26	0.079	0.32	7.26	34.3	2220	1.55	0.75	2.16	0.38	43.0	8.3	9	12.95	20.5
M357464		2.77	0.081	0.35	7.04	43.4	2070	1.61	0.72	2.20	0.52	41.1	7.6	8	13.75	19.2
M357465		3.79	0.289	0.66	6.99	82.7	1330	1.59	1.35	1.93	0.83	46.7	7.1	7	21.2	31.2
M357466		3.22	0.054	0.30	7.14	39.9	2380	1.74	1.19	2.47	0.66	47.4	7.0	8	13.15	25.3
M357467		2.88	0.296	0.50	7.08	62.9	1900	1.50	1.41	2.66	3.01	48.9	8.3	8	16.60	46.6
M357468		3.22	0.057	0.22	7.05	39.4	1780	1.48	0.58	2.16	0.38	44.2	7.1	8	14.80	20.2
M357469		4.37	0.113	0.49	6.66	78.6	2050	1.60	1.12	2.37	0.67	42.5	8.3	9	17.80	35.6
M357470		3.52	<0.005	0.04	0.10	<5	30	0.08	0.03	20.0	0.06	1.59	1.3	<1	0.28	3.2
M357471		3.79	0.030	0.53	7.48	22.0	2350	1.39	1.00	1.79	1.85	47.8	9.2	8	13.00	43.3
M357472		3.95	<0.005	0.38	6.84	14.0	930	1.85	0.34	2.39	0.69	51.4	6.7	24	23.1	20.4
M357473		7.59	<0.005	0.24	6.66	8.4	1050	2.05	0.18	2.64	1.37	47.8	5.3	12	24.4	9.8
M357474		7.29	<0.005	0.14	7.00	10.2	1500	2.06	0.15	2.77	0.52	58.3	5.3	11	24.0	8.8
M357475		<0.02	<0.005	0.17	7.03	10.6	1540	2.07	0.17	2.78	0.57	58.7	5.4	11	25.2	9.5
M357476		8.70	<0.005	0.35	6.79	8.1	1280	2.03	0.07	3.40	0.90	46.8	5.3	12	21.9	8.9
M357477		8.18	0.005	0.39	6.86	13.4	1380	2.00	0.24	2.71	0.71	48.3	6.2	19	22.1	12.1
M357478		4.14	0.197	4.47	6.92	103.5	730	1.70	4.37	2.20	23.4	60.0	14.5	9	19.05	102.0
M357479		4.46	0.114	2.75	6.91	89.0	870	1.60	3.69	2.21	1.46	62.1	23.3	7	18.95	85.4
M357480		0.26	2.30	25.5	5.65	3050	920	1.37	21.7	2.07	76.0	41.4	11.1	17	12.95	411
M357481		6.48	0.073	0.56	7.30	39.4	2400	1.42	2.28	1.94	0.37	55.3	29.1	8	14.45	34.2
M357482		3.01	0.770	4.19	5.96	179.0	120	1.17	9.31	2.26	1.88	72.1	107.5	9	13.95	233
M357483		2.91	0.076	0.84	6.36	64.9	1580	1.32	2.07	3.88	0.81	46.4	16.6	6	17.10	38.2
M357484		5.30	0.033	0.28	6.93	19.6	2290	1.53	1.14	2.54	0.99	42.8	10.9	10	14.10	22.2
M357485		3.68	0.200	0.69	6.81	44.4	690	1.34	2.81	2.15	0.44	56.0	36.2	8	11.85	35.7
M357486		3.19	0.182	2.07	5.51	153.5	900	1.55	3.35	2.87	3.66	43.9	52.4	7	16.80	71.0
M357487		3.30	<0.005	0.03	0.08	<5	30	<0.05	0.04	20.1	0.07	1.22	1.5	<1	0.24	2.9
M357488		4.76	0.079	0.34	6.73	69.1	590	1.44	1.77	2.42	0.42	46.3	31.5	7	15.20	16.1
M357489		3.44	0.096	0.56	7.47	68.8	1370	1.41	1.94	2.39	1.14	58.1	26.8	7	18.30	85.2



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Project: Klaza-125

**CERTIFICATE OF ANALYSIS WH12212394**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357454		1.26	18.15	0.09	2.4	0.015	2.70	18.9	14.6	0.40	393	0.79	0.09	14.4	1.1	320
M357455		2.55	16.00	0.14	1.4	0.069	2.38	23.3	68.5	0.70	506	1.32	0.13	8.7	2.2	500
M357456		3.07	16.15	0.16	1.1	0.108	2.58	21.9	72.0	0.79	826	1.54	0.56	6.8	1.8	540
M357457		6.28	14.10	0.15	0.9	1.585	2.51	22.9	24.8	0.85	1780	12.80	0.04	5.7	13.6	420
M357458		2.81	15.90	0.19	1.0	0.066	2.67	21.4	24.7	0.66	465	1.51	1.95	7.2	1.8	570
M357459		3.31	16.20	0.19	1.0	0.165	2.92	37.0	29.5	0.94	855	4.26	0.65	7.0	2.2	550
M357460		3.45	14.65	0.19	0.8	0.118	2.84	21.8	38.4	0.81	657	4.32	0.71	5.9	2.2	550
M357461		3.01	16.05	0.19	1.0	0.134	2.41	22.3	54.7	0.72	571	1.19	0.19	7.8	2.2	640
M357462		2.89	16.05	0.21	0.9	0.127	2.61	21.3	29.6	0.70	534	2.31	1.54	7.4	1.8	590
M357463		3.01	16.60	0.22	1.0	0.082	2.69	21.7	35.0	0.68	701	2.35	1.05	7.7	2.0	610
M357464		2.83	16.05	0.21	1.1	0.072	2.69	20.3	34.3	0.69	709	1.94	1.04	7.8	2.3	600
M357465		2.48	15.70	0.19	1.0	0.062	2.51	24.9	51.9	0.70	877	1.39	0.04	7.3	2.1	600
M357466		3.11	16.55	0.24	1.0	0.066	2.67	24.2	36.1	0.76	678	1.11	1.32	7.8	1.9	610
M357467		3.03	17.10	0.21	0.9	0.150	2.76	25.7	41.6	0.80	804	1.69	0.20	7.7	2.2	600
M357468		2.87	16.25	0.20	1.0	0.067	2.69	22.1	51.2	0.75	745	3.60	0.23	8.0	2.0	620
M357469		2.71	15.45	0.19	0.9	0.077	2.74	22.1	41.9	0.78	869	3.52	0.52	7.0	2.4	560
M357470		0.48	0.54	0.12	<0.1	<0.005	0.04	0.8	1.4	11.85	202	0.15	0.01	0.5	<0.2	180
M357471		2.95	17.35	0.20	1.0	0.066	2.86	24.1	52.4	0.70	643	20.1	0.11	8.2	3.0	640
M357472		2.09	18.75	0.20	3.4	0.026	2.84	26.5	27.1	0.81	546	0.85	0.07	8.7	16.8	630
M357473		2.05	17.95	0.20	1.9	0.029	2.88	23.8	21.8	0.77	658	0.71	0.06	8.2	6.3	750
M357474		2.38	17.80	0.21	2.5	0.025	2.57	29.4	33.1	0.69	575	0.88	0.34	11.3	2.4	860
M357475		2.39	18.40	0.22	2.6	0.026	2.61	29.0	33.5	0.69	586	0.88	0.32	11.6	2.6	870
M357476		2.24	17.80	0.19	1.7	0.032	3.00	22.8	17.4	0.88	558	0.48	0.07	8.5	4.7	790
M357477		2.15	18.70	0.18	2.7	0.030	3.01	23.7	21.0	0.78	523	0.65	0.06	8.9	12.5	730
M357478		3.16	16.05	0.20	1.4	0.563	2.82	35.6	34.8	0.87	1400	35.9	0.05	7.3	4.7	550
M357479		3.04	15.60	0.20	1.1	0.127	2.67	37.5	36.9	0.88	852	14.95	0.04	7.1	2.5	550
M357480		6.27	13.95	0.20	0.9	1.635	2.50	22.4	23.9	0.84	1760	12.45	0.04	5.9	14.8	410
M357481		3.08	16.65	0.25	1.1	0.101	3.46	31.3	48.3	0.64	476	3.51	0.45	7.6	2.3	600
M357482		6.60	13.40	0.26	0.9	0.163	2.63	44.9	23.3	0.55	883	12.95	0.06	5.7	5.3	510
M357483		3.31	14.35	0.20	0.9	0.089	2.69	26.1	18.6	1.16	1180	4.36	0.15	6.4	1.9	500
M357484		2.96	16.15	0.25	1.0	0.086	2.98	21.9	27.3	0.67	602	3.23	1.41	7.6	2.1	570
M357485		3.43	15.50	0.30	1.0	0.069	3.39	32.6	32.3	0.71	456	11.70	0.53	7.3	2.7	570
M357486		5.32	12.70	0.21	1.1	0.089	2.35	25.1	17.4	0.99	1500	5.25	0.04	5.4	5.2	420
M357487		0.47	0.44	0.07	<0.1	0.005	0.03	0.6	1.2	12.10	205	0.14	0.01	0.3	<0.2	200
M357488		3.46	14.95	0.20	1.0	0.058	2.62	25.3	86.2	0.69	875	9.58	0.06	7.0	2.5	560
M357489		3.49	16.75	0.22	1.0	0.115	2.75	33.3	27.9	0.90	820	3.91	0.06	7.5	2.6	590



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Project: Klaza-125

**CERTIFICATE OF ANALYSIS WH12212394**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M357454		29.0	108.0	<0.002	0.11	2.76	2.7	<1	2.3	133.5	1.47	<0.05	8.6	0.131	1.17	4.4
M357455		18.1	96.8	<0.002	0.21	7.78	9.0	1	4.1	265	0.80	0.11	10.3	0.211	1.29	4.9
M357456		1520	118.5	<0.002	0.42	13.60	9.4	1	2.7	335	0.59	0.21	10.9	0.220	1.75	4.1
M357457		2740	154.0	<0.002	4.40	82.9	7.8	1	7.3	85.3	0.45	0.37	10.3	0.166	2.21	5.0
M357458		17.0	96.6	<0.002	0.15	4.17	10.0	1	1.7	401	0.62	0.09	11.1	0.231	1.23	3.3
M357459		77.4	130.0	<0.002	1.19	10.50	10.8	1	3.8	260	0.55	0.38	11.9	0.221	1.97	9.0
M357460		63.4	120.0	<0.002	1.86	8.03	9.9	1	2.8	226	0.44	1.32	9.9	0.200	1.69	4.9
M357461		54.9	92.5	<0.002	0.95	14.75	11.8	1	2.6	135.5	0.62	0.59	11.7	0.251	1.39	2.6
M357462		83.1	99.9	<0.002	0.45	9.98	10.4	1	2.1	318	0.56	0.18	10.3	0.236	1.34	3.7
M357463		30.9	113.0	<0.002	0.54	7.06	11.9	1	1.7	251	0.61	0.12	12.6	0.249	1.52	4.1
M357464		25.5	109.0	<0.002	0.46	6.93	11.4	1	1.8	246	0.64	0.09	11.9	0.248	1.58	3.4
M357465		31.5	120.5	<0.002	0.83	14.05	11.4	1	2.0	132.5	0.56	0.15	13.8	0.232	2.18	4.7
M357466		27.9	114.5	<0.002	0.53	6.05	11.5	1	1.8	272	0.61	0.19	13.2	0.244	1.48	3.0
M357467		64.9	113.5	<0.002	0.70	10.10	11.3	1	2.9	176.5	0.61	0.16	12.7	0.241	1.69	3.9
M357468		16.5	110.5	<0.002	0.38	10.00	11.7	1	2.5	167.5	0.61	0.10	12.8	0.253	1.53	4.5
M357469		29.1	123.5	<0.002	0.82	14.05	10.6	1	2.0	204	0.53	0.16	12.1	0.225	1.95	4.0
M357470		1.3	1.8	<0.002	<0.01	0.06	<0.1	1	<0.2	45.4	<0.05	<0.05	0.2	<0.005	0.02	0.6
M357471		34.9	109.5	<0.002	0.36	7.08	11.8	1	2.1	163.5	0.59	0.15	11.7	0.265	1.38	2.2
M357472		39.4	109.5	<0.002	0.15	5.99	6.1	1	2.2	248	0.68	0.05	10.3	0.248	1.57	7.2
M357473		76.7	116.5	<0.002	0.10	5.52	5.6	1	1.7	334	0.61	<0.05	9.0	0.242	1.65	3.8
M357474		42.3	99.6	<0.002	0.03	8.94	5.8	1	1.8	550	0.75	<0.05	10.4	0.240	1.40	5.2
M357475		44.2	100.0	<0.002	0.03	9.34	5.9	1	2.0	542	0.79	<0.05	10.5	0.245	1.43	5.3
M357476		49.6	105.5	<0.002	0.04	4.42	5.6	1	1.5	423	0.62	<0.05	8.7	0.254	1.53	3.8
M357477		56.7	106.0	<0.002	0.08	4.21	5.8	1	1.4	350	0.67	<0.05	9.8	0.255	1.54	6.0
M357478		944	167.5	0.002	1.79	13.85	9.9	1	3.9	167.5	0.63	0.55	14.9	0.215	2.26	5.7
M357479		332	145.0	<0.002	1.47	15.35	10.4	1	2.8	146.5	0.64	0.65	15.7	0.212	2.07	7.4
M357480		2730	163.5	<0.002	4.39	83.2	7.9	2	7.5	88.1	0.44	0.40	11.3	0.167	2.23	5.9
M357481		30.0	147.5	<0.002	1.10	7.43	11.3	1	3.0	207	0.61	0.40	14.9	0.236	1.96	5.1
M357482		264	141.0	<0.002	6.32	12.55	9.0	3	4.8	81.9	0.48	3.66	11.8	0.184	2.22	9.2
M357483		94.1	128.5	<0.002	1.38	8.21	9.4	1	2.0	162.5	0.50	0.25	12.0	0.200	1.89	5.0
M357484		26.9	119.0	<0.002	0.62	3.81	10.4	1	2.0	303	0.60	0.22	12.6	0.234	1.48	4.6
M357485		24.9	141.0	<0.002	1.79	5.84	10.5	1	3.1	214	0.63	0.83	13.5	0.220	1.85	5.9
M357486		133.5	144.5	<0.002	4.43	11.80	7.4	2	3.9	120.5	0.44	0.93	11.2	0.167	2.16	12.1
M357487		1.7	1.8	<0.002	0.01	0.05	<0.1	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M357488		26.1	101.5	<0.002	1.92	5.98	9.7	1	2.3	155.5	0.57	0.56	11.3	0.226	1.77	4.5
M357489		42.7	148.5	<0.002	1.66	9.05	10.9	1	3.2	127.0	0.59	0.54	14.6	0.234	2.01	5.6



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Project: Klaza-125

**CERTIFICATE OF ANALYSIS WH12212394**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357454		17	1.6	13.3	73	56.1	<1
M357455		56	1.8	15.4	69	32.0	1
M357456		60	2.0	13.5	415	24.1	2
M357457		53	4.9	10.0	5150	23.5	25
M357458		65	1.5	14.2	41	22.1	<1
M357459		65	2.0	15.2	142	23.0	1
M357460		61	1.4	12.0	121	18.7	1
M357461		69	2.3	14.7	109	21.5	1
M357462		67	1.5	13.6	108	21.4	1
M357463		73	2.6	15.3	56	22.8	<1
M357464		70	3.5	15.0	64	23.1	1
M357465		65	5.3	13.7	87	21.9	1
M357466		69	2.0	16.0	70	22.0	1
M357467		70	3.1	16.9	209	22.0	1
M357468		71	3.0	16.4	54	22.9	1
M357469		64	5.4	14.5	67	21.3	1
M357470		2	0.1	0.9	15	<0.5	<1
M357471		73	6.7	16.5	106	23.1	1
M357472		50	1.2	12.3	117	119.5	<1
M357473		45	1.2	11.9	150	53.7	<1
M357474		47	1.3	12.9	148	83.1	<1
M357475		50	1.3	13.0	155	84.9	<1
M357476		47	2.6	12.1	127	46.5	<1
M357477		49	1.4	11.9	118	87.3	<1
M357478		62	7.8	15.5	1580	40.4	4
M357479		64	9.1	15.9	96	24.5	3
M357480		52	4.7	10.2	5100	24.9	25
M357481		71	2.6	15.0	53	25.9	<1
M357482		63	4.6	14.6	112	20.9	4
M357483		60	10.4	15.8	76	20.9	<1
M357484		66	5.2	14.8	106	23.9	<1
M357485		64	2.3	14.5	56	24.3	<1
M357486		47	4.0	12.3	238	32.4	2
M357487		2	0.1	1.0	16	<0.5	<1
M357488		63	4.1	13.4	53	22.8	<1
M357489		69	3.1	16.1	78	24.5	<1



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**CERTIFICATE OF ANALYSIS WH12212394**

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





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**CERTIFICATE WH12213448**

Project: KLAZA-Soil  
P.O. No.: Batch 1  
This report is for 172 Soil samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: KLAZA-Soil

**CERTIFICATE OF ANALYSIS WH12213448**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC89100		0.42	0.005	<0.2	1.39	8	<10	130	<0.5	<2	0.47	<0.5	8	39	12	2.50
CC89101		0.30	<0.005	0.2	2.06	14	<10	230	0.6	<2	0.54	<0.5	9	55	33	3.26
CC89102		0.23	<0.005	<0.2	1.47	8	<10	180	<0.5	<2	0.56	<0.5	9	38	19	2.62
CC89103		0.50	<0.005	<0.2	1.51	12	<10	160	0.5	2	0.51	<0.5	8	40	21	2.56
CC89104		0.62	<0.005	<0.2	1.47	9	<10	190	0.5	<2	0.52	<0.5	9	40	24	2.69
CC89105		0.25	0.031	<0.2	1.34	7	<10	190	<0.5	<2	0.45	<0.5	7	32	26	2.20
CC89106		0.50	<0.005	<0.2	1.84	19	<10	210	0.6	<2	0.43	<0.5	8	40	21	3.74
CC89107		0.49	<0.005	<0.2	1.42	7	<10	180	<0.5	<2	0.55	<0.5	9	31	23	2.70
CC89108		0.36	<0.005	<0.2	1.25	6	<10	170	<0.5	<2	0.51	<0.5	8	20	17	2.10
CC89109		0.21	<0.005	0.2	1.48	18	<10	360	1.0	<2	0.63	<0.5	19	36	47	5.01
CC89110		0.34	0.008	0.2	0.99	18	<10	170	0.6	<2	0.49	<0.5	21	32	21	3.12
CC89111		0.40	<0.005	<0.2	1.64	5	<10	170	<0.5	<2	0.42	<0.5	8	39	20	1.99
CC89112		0.43	<0.005	<0.2	1.90	7	<10	210	<0.5	<2	0.51	<0.5	13	47	19	3.01
CC89113		0.31	<0.005	<0.2	1.30	3	<10	140	<0.5	<2	0.40	<0.5	6	28	11	1.66
CC89114		0.27	<0.005	<0.2	0.90	12	<10	120	<0.5	<2	0.50	<0.5	4	20	6	2.24
CC89115		0.34	<0.005	<0.2	1.07	7	<10	100	<0.5	<2	0.32	<0.5	6	20	11	1.89
CC89116		0.33	<0.005	<0.2	0.91	3	<10	140	<0.5	<2	0.30	<0.5	4	15	6	1.15
CC89117		0.41	0.006	<0.2	0.98	2	<10	170	<0.5	<2	0.37	<0.5	4	18	7	1.18
CC89118		0.23	<0.005	<0.2	0.89	4	<10	200	<0.5	<2	0.43	<0.5	4	19	8	0.97
CC89119		0.36	<0.005	<0.2	0.93	7	<10	340	<0.5	<2	0.58	<0.5	5	18	11	1.73
CC89120		0.48	<0.005	<0.2	1.20	5	<10	210	<0.5	<2	0.55	<0.5	7	31	17	2.12
CC89121		0.62	<0.005	<0.2	1.91	5	<10	180	<0.5	<2	0.53	<0.5	13	59	7	3.84
CC89122		0.58	<0.005	<0.2	1.67	7	<10	240	0.5	<2	0.52	<0.5	9	34	15	2.75
CC89123		0.35	<0.005	<0.2	1.36	4	<10	340	<0.5	<2	0.77	<0.5	8	27	18	2.20
CC89124		0.34	<0.005	<0.2	1.49	4	<10	220	<0.5	<2	0.43	<0.5	8	30	13	2.54
CC89125		0.52	<0.005	<0.2	1.32	10	<10	210	<0.5	<2	0.51	<0.5	9	24	16	2.54
CC89126		0.36	<0.005	<0.2	1.19	5	<10	270	<0.5	<2	1.23	<0.5	6	22	25	1.59
CC89127		0.25	<0.005	<0.2	1.47	9	<10	280	0.5	<2	0.81	<0.5	9	29	21	2.62
CC89128		0.42	<0.005	<0.2	1.43	8	<10	270	0.5	<2	0.94	<0.5	8	26	21	2.29
CC89129		0.39	<0.005	<0.2	1.48	7	<10	230	<0.5	<2	0.48	<0.5	7	25	20	2.08
CC89130		0.38	<0.005	<0.2	1.18	5	<10	190	<0.5	<2	0.46	<0.5	5	18	13	1.63
CC89131		0.22	<0.005	<0.2	0.72	3	<10	100	<0.5	<2	0.44	<0.5	3	9	12	0.93
CC89132		0.51	<0.005	<0.2	0.62	2	<10	130	<0.5	<2	0.53	<0.5	4	11	8	1.11
CC89133		0.23	<0.005	<0.2	0.84	2	<10	150	<0.5	<2	0.79	<0.5	3	11	12	1.07
CC89134		0.56	<0.005	0.2	1.57	6	<10	220	<0.5	<2	0.82	<0.5	7	27	16	2.26
CC89135		0.42	<0.005	<0.2	1.54	4	<10	180	<0.5	<2	0.80	<0.5	9	25	16	2.27
CC89261		0.39	<0.005	<0.2	1.07	7	<10	440	0.6	<2	0.41	<0.5	6	13	17	2.80
CC89262		0.29	<0.005	0.4	1.53	6	<10	750	0.7	2	0.91	<0.5	7	20	40	2.20
CC89263		0.36	<0.005	<0.2	1.54	4	<10	320	<0.5	2	0.46	<0.5	5	17	17	2.21
CC89264		0.42	0.006	0.3	2.02	2	<10	470	0.7	2	0.59	<0.5	6	22	34	2.04



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**CERTIFICATE OF ANALYSIS WH12213448**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
CC89100		<10	<1	0.10	20	0.68	246	<1	0.02	9	800	5	0.01	<2	4	25
CC89101		10	<1	0.09	30	0.77	250	<1	0.02	14	770	13	0.03	<2	12	33
CC89102		<10	<1	0.09	20	0.63	300	<1	0.02	13	710	8	0.02	<2	7	36
CC89103		<10	<1	0.11	10	0.59	360	<1	0.02	14	770	12	0.02	<2	6	34
CC89104		<10	<1	0.11	30	0.60	267	<1	0.02	16	730	11	0.02	<2	9	35
CC89105		<10	<1	0.05	30	0.47	214	<1	0.02	8	600	7	0.04	<2	7	28
CC89106		10	<1	0.09	30	0.54	184	<1	0.01	11	570	7	0.03	<2	13	26
CC89107		10	<1	0.07	20	0.48	414	<1	0.01	10	520	9	0.04	<2	7	35
CC89108		<10	<1	0.07	20	0.31	300	<1	0.02	7	650	5	0.04	<2	5	33
CC89109		<10	<1	0.07	50	0.42	639	1	0.02	22	1210	11	0.07	2	16	41
CC89110		<10	<1	0.07	20	0.32	2010	<1	0.02	11	820	16	0.03	2	9	31
CC89111		10	<1	0.04	20	0.69	332	<1	0.02	10	560	9	0.03	<2	6	23
CC89112		10	1	0.05	10	0.75	583	<1	0.02	10	700	9	0.03	<2	6	29
CC89113		<10	<1	0.04	10	0.39	208	<1	0.02	5	620	8	0.04	<2	4	25
CC89114		<10	<1	0.03	10	0.38	160	<1	0.02	5	630	13	0.04	<2	3	26
CC89115		<10	<1	0.06	10	0.34	206	<1	0.02	8	590	7	0.02	<2	2	21
CC89116		<10	<1	0.04	10	0.30	124	<1	0.01	6	510	4	0.03	<2	2	19
CC89117		<10	<1	0.04	10	0.31	169	<1	0.02	5	540	4	0.04	<2	2	22
CC89118		<10	<1	0.04	10	0.27	103	<1	0.01	5	560	5	0.04	<2	3	23
CC89119		<10	<1	0.04	10	0.30	186	<1	0.02	4	600	5	0.06	2	3	30
CC89120		<10	1	0.05	20	0.53	226	<1	0.02	8	670	9	0.04	2	5	27
CC89121		10	<1	0.05	10	1.10	417	<1	0.02	11	720	20	0.02	<2	5	26
CC89122		10	<1	0.06	30	0.76	366	<1	0.02	10	390	10	0.02	2	9	28
CC89123		<10	<1	0.05	20	0.53	458	<1	0.02	10	640	11	0.05	<2	5	41
CC89124		<10	<1	0.06	10	0.70	361	<1	0.01	10	240	19	0.01	3	4	24
CC89125		<10	<1	0.05	10	0.56	394	<1	0.02	8	330	14	0.02	3	5	32
CC89126		<10	1	0.05	20	0.44	268	<1	0.02	8	700	7	0.07	<2	3	62
CC89127		<10	<1	0.06	30	0.54	385	<1	0.01	11	590	9	0.04	<2	6	42
CC89128		<10	<1	0.06	20	0.55	459	<1	0.02	10	640	20	0.05	2	5	51
CC89129		<10	<1	0.06	10	0.46	423	<1	0.02	11	420	7	0.02	<2	4	29
CC89130		<10	<1	0.05	10	0.35	229	<1	0.03	6	390	5	0.02	<2	2	33
CC89131		<10	1	0.04	10	0.14	143	<1	0.04	2	500	4	0.03	<2	1	27
CC89132		<10	<1	0.05	10	0.20	160	<1	0.04	3	540	3	0.02	<2	2	23
CC89133		<10	1	0.04	10	0.20	146	<1	0.04	3	400	10	0.04	<2	2	40
CC89134		<10	<1	0.07	10	0.58	345	<1	0.03	10	500	21	0.04	<2	6	44
CC89135		<10	<1	0.06	10	0.51	418	<1	0.02	10	430	21	0.03	<2	4	46
CC89261		<10	<1	0.09	20	0.34	495	1	0.03	7	360	13	0.04	3	7	22
CC89262		<10	<1	0.07	50	0.42	491	1	0.04	11	1180	34	0.10	<2	6	45
CC89263		10	<1	0.07	20	0.43	242	1	0.03	9	260	15	0.03	<2	4	24
CC89264		10	<1	0.09	40	0.63	282	<1	0.03	11	530	32	0.05	<2	10	27



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**CERTIFICATE OF ANALYSIS WH12213448**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
CC89100		<20	0.11	<10	<10	72	<10	50
CC89101		<20	0.09	<10	10	106	<10	83
CC89102		<20	0.07	<10	10	65	<10	60
CC89103		<20	0.07	<10	<10	69	<10	65
CC89104		<20	0.07	<10	<10	71	<10	68
CC89105		<20	0.05	<10	<10	61	<10	45
CC89106		<20	0.04	<10	<10	85	<10	56
CC89107		<20	0.04	<10	<10	61	<10	51
CC89108		<20	0.03	<10	<10	48	<10	32
CC89109		<20	0.02	<10	10	92	<10	62
CC89110		<20	0.03	<10	<10	73	<10	54
CC89111		<20	0.06	<10	<10	67	<10	55
CC89112		<20	0.07	<10	<10	75	<10	63
CC89113		<20	0.05	<10	<10	58	<10	43
CC89114		<20	0.04	<10	<10	33	<10	54
CC89115		<20	0.06	<10	<10	47	<10	36
CC89116		<20	0.05	<10	<10	27	<10	30
CC89117		<20	0.04	<10	<10	27	<10	30
CC89118		<20	0.04	<10	<10	44	<10	33
CC89119		<20	0.04	<10	<10	43	<10	32
CC89120		<20	0.04	<10	<10	52	<10	52
CC89121		<20	0.06	<10	<10	108	<10	94
CC89122		<20	0.03	<10	<10	66	<10	47
CC89123		<20	0.04	<10	<10	54	<10	49
CC89124		<20	0.04	<10	<10	61	<10	43
CC89125		<20	0.02	<10	<10	63	<10	38
CC89126		<20	0.03	<10	<10	38	<10	45
CC89127		<20	0.04	<10	<10	56	<10	44
CC89128		<20	0.03	<10	<10	55	<10	56
CC89129		<20	0.05	<10	<10	51	<10	37
CC89130		<20	0.04	<10	<10	42	<10	34
CC89131		<20	0.03	<10	<10	24	<10	14
CC89132		<20	0.04	<10	<10	31	<10	20
CC89133		<20	0.04	<10	<10	28	<10	20
CC89134		<20	0.04	<10	<10	56	<10	49
CC89135		<20	0.06	<10	<10	59	<10	59
CC89261		<20	0.03	<10	<10	51	<10	48
CC89262		<20	0.03	<10	<10	48	<10	43
CC89263		<20	0.04	<10	<10	51	<10	39
CC89264		<20	0.05	<10	<10	58	<10	63



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**CERTIFICATE OF ANALYSIS WH12213448**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC89265		0.45	<0.005	0.2	1.96	4	<10	390	0.6	2	0.51	<0.5	10	20	34	2.47
CC89266		0.46	<0.005	<0.2	1.81	2	<10	360	0.5	2	0.50	<0.5	9	22	29	2.26
CC89267		0.52	<0.005	0.2	1.52	5	<10	310	0.5	2	0.48	<0.5	9	22	23	2.57
CC89268		0.55	<0.005	<0.2	1.18	6	<10	170	<0.5	2	0.31	<0.5	6	21	22	1.93
CC89269		0.55	<0.005	<0.2	1.62	6	<10	240	<0.5	<2	0.30	<0.5	8	23	22	2.40
CC89161		0.31	<0.005	<0.2	1.27	5	<10	470	0.6	<2	0.65	<0.5	6	15	14	2.64
CC89162		0.35	<0.005	<0.2	1.36	5	<10	360	0.5	2	0.33	<0.5	8	10	9	3.39
CC89163		0.41	<0.005	<0.2	1.46	10	<10	330	<0.5	<2	0.34	<0.5	8	15	10	3.00
CC89164		0.43	<0.005	<0.2	2.00	11	<10	380	0.6	<2	0.29	<0.5	8	24	14	2.76
CC89165		0.29	<0.005	<0.2	1.97	9	<10	260	<0.5	2	0.22	<0.5	7	17	13	3.03
CC89166		0.40	<0.005	<0.2	1.85	5	<10	800	0.8	4	0.57	<0.5	8	14	17	3.05
CC89167		0.32	<0.005	<0.2	1.94	9	<10	840	0.8	2	0.34	<0.5	6	18	27	2.66
CC89168		0.34	0.012	<0.2	1.78	10	<10	260	0.5	<2	0.22	<0.5	7	22	18	2.43
CC89169		0.36	<0.005	<0.2	2.29	10	<10	470	0.7	2	0.25	<0.5	11	17	15	3.95
CC89170		0.66	<0.005	<0.2	1.50	5	<10	580	<0.5	<2	0.34	<0.5	8	21	16	2.39
CC89171		0.32	<0.005	<0.2	1.46	6	<10	350	<0.5	<2	0.24	<0.5	7	23	10	2.35
CC89172	Not Recvd															
CC89173		0.37	0.005	<0.2	1.56	7	<10	300	<0.5	<2	0.29	<0.5	6	22	11	2.54
CC89174		0.39	<0.005	<0.2	1.50	7	<10	260	<0.5	<2	0.23	<0.5	5	20	10	2.40
CC89175		0.41	<0.005	<0.2	1.84	10	<10	290	<0.5	<2	0.24	<0.5	6	27	13	2.92
CC89176		0.38	<0.005	<0.2	1.44	7	<10	300	0.5	2	0.16	<0.5	7	16	14	2.43
CC89177		0.36	<0.005	<0.2	1.26	9	<10	320	<0.5	<2	0.17	<0.5	5	15	11	2.35
CC89178		0.33	<0.005	<0.2	1.05	11	<10	300	0.5	2	0.18	<0.5	4	8	41	1.77
CC89179		0.35	0.014	<0.2	1.13	7	<10	200	<0.5	<2	0.13	<0.5	5	17	12	2.00
CC89180		0.42	<0.005	<0.2	0.80	13	<10	150	<0.5	<2	0.13	<0.5	4	12	10	2.29
CC89181		0.38	<0.005	0.2	2.12	5	<10	800	0.8	3	0.57	<0.5	7	18	23	2.75
CC89182		0.41	<0.005	<0.2	1.71	7	<10	350	0.5	3	0.28	<0.5	8	15	15	3.06
CC89183		0.40	0.005	<0.2	1.17	8	<10	240	<0.5	3	0.22	<0.5	6	15	15	2.51
CC89184		0.38	<0.005	<0.2	1.62	10	<10	470	<0.5	2	0.32	<0.5	7	18	24	2.54
CC89185		0.47	<0.005	<0.2	1.54	25	<10	530	<0.5	2	0.42	<0.5	10	15	10	3.44
CC89186		0.49	<0.005	<0.2	1.57	7	<10	300	<0.5	<2	0.35	<0.5	7	20	12	2.44
CC89187		0.47	<0.005	<0.2	1.93	3	<10	350	<0.5	<2	0.33	<0.5	10	23	12	2.95
CC89188		0.50	<0.005	<0.2	1.56	7	<10	320	<0.5	<2	0.43	<0.5	8	25	13	2.93
CC89189		0.50	<0.005	<0.2	1.38	10	<10	250	<0.5	<2	0.39	<0.5	11	27	12	2.62
CC89190		0.60	<0.005	<0.2	1.65	9	<10	230	0.5	<2	0.32	<0.5	7	33	18	2.30
CC89191		0.56	<0.005	<0.2	1.36	6	<10	220	<0.5	<2	0.36	<0.5	8	26	10	2.69
CC89192		0.37	0.005	<0.2	0.94	4	<10	150	<0.5	<2	0.28	<0.5	4	14	5	1.44
CC89193		0.23	<0.005	<0.2	1.06	6	<10	360	<0.5	<2	0.36	<0.5	4	20	11	1.82
CC89194		0.56	<0.005	<0.2	1.12	3	<10	190	<0.5	<2	0.34	<0.5	4	18	5	1.26
CC89195		0.31	0.020	<0.2	0.91	5	<10	200	<0.5	<2	0.42	<0.5	2	7	10	1.02



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Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
CC89265		10	<1	0.08	30	0.83	342	1	0.03	10	750	47	0.05	2	9	25
CC89266		10	<1	0.08	20	0.80	356	1	0.04	12	690	14	0.04	<2	8	25
CC89267		<10	<1	0.07	20	0.70	551	1	0.03	9	720	21	0.04	<2	6	24
CC89268		<10	<1	0.06	10	0.43	387	1	0.03	8	590	14	0.04	2	3	20
CC89269		<10	<1	0.06	10	0.57	236	1	0.03	10	530	11	0.04	<2	5	22
CC89161		<10	<1	0.12	30	0.45	352	1	0.04	7	580	6	0.05	2	8	32
CC89162		10	<1	0.24	20	0.54	554	1	0.04	4	490	7	0.04	2	7	21
CC89163		10	<1	0.20	10	0.59	397	1	0.04	6	240	8	0.04	<2	5	20
CC89164		10	<1	0.16	10	0.56	402	1	0.03	12	270	9	0.03	<2	5	20
CC89165		10	<1	0.13	10	0.58	307	1	0.03	8	190	7	0.03	<2	4	18
CC89166		10	<1	0.13	90	0.59	499	<1	0.04	7	480	7	0.04	<2	13	26
CC89167		10	<1	0.14	60	0.45	381	1	0.03	11	380	8	0.04	<2	9	30
CC89168		10	<1	0.09	10	0.46	261	1	0.04	17	290	8	0.04	<2	4	17
CC89169		10	<1	0.22	10	0.67	583	1	0.03	9	360	10	0.03	3	8	21
CC89170		10	<1	0.10	10	0.39	851	1	0.04	10	370	7	0.04	<2	5	29
CC89171		10	<1	0.09	10	0.45	293	1	0.03	12	250	6	0.03	<2	3	19
CC89172																
CC89173		10	<1	0.09	20	0.51	302	1	0.03	11	260	6	0.03	<2	4	20
CC89174		10	<1	0.11	10	0.45	231	1	0.03	10	230	8	0.03	<2	3	19
CC89175		10	<1	0.10	10	0.48	266	1	0.03	14	290	9	0.03	2	4	21
CC89176		10	1	0.09	10	0.26	1040	1	0.03	8	400	12	0.03	<2	3	17
CC89177		10	<1	0.06	10	0.21	575	1	0.03	7	310	10	0.03	<2	2	18
CC89178		<10	<1	0.07	10	0.13	466	1	0.04	4	240	14	0.03	8	2	21
CC89179		10	<1	0.07	10	0.26	472	1	0.03	7	170	7	0.03	<2	2	13
CC89180		10	<1	0.09	10	0.21	309	1	0.03	5	250	7	0.03	2	3	14
CC89181		10	<1	0.13	60	0.50	496	1	0.04	10	1020	7	0.08	<2	11	47
CC89182		10	<1	0.14	20	0.52	520	1	0.03	8	480	10	0.03	<2	6	22
CC89183		<10	<1	0.10	10	0.35	364	1	0.03	8	380	9	0.03	3	5	16
CC89184		10	<1	0.09	20	0.39	515	1	0.04	10	470	8	0.05	<2	5	27
CC89185		10	<1	0.28	20	0.65	858	1	0.04	6	840	6	0.04	2	6	23
CC89186		10	<1	0.13	20	0.59	239	1	0.04	10	640	7	0.04	<2	5	20
CC89187		10	<1	0.15	20	0.66	269	2	0.04	10	490	10	0.04	<2	6	20
CC89188		10	<1	0.10	20	0.58	262	1	0.04	10	960	13	0.04	3	6	26
CC89189		<10	<1	0.10	10	0.58	376	1	0.02	12	780	14	0.02	<2	4	23
CC89190		10	<1	0.07	20	0.51	187	<1	0.02	15	600	13	0.01	<2	6	21
CC89191		<10	1	0.08	20	0.49	242	<1	0.02	9	700	9	0.01	<2	5	22
CC89192		<10	<1	0.04	10	0.30	138	<1	0.01	5	610	6	0.02	<2	2	15
CC89193		<10	<1	0.03	10	0.26	138	<1	0.01	4	880	6	0.05	<2	3	24
CC89194		<10	<1	0.05	10	0.36	143	<1	0.01	6	630	6	0.01	<2	3	18
CC89195		<10	<1	0.07	10	0.14	92	<1	0.03	2	410	<2	0.03	<2	3	23



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
CC89265		<20	0.04	<10	<10	75	<10	74
CC89266		<20	0.06	<10	<10	67	<10	57
CC89267		<20	0.04	<10	<10	55	<10	64
CC89268		<20	0.05	<10	<10	46	<10	50
CC89269		<20	0.07	<10	<10	57	<10	50
CC89161		<20	0.06	<10	<10	58	<10	54
CC89162		<20	0.08	<10	<10	71	<10	61
CC89163		<20	0.09	<10	<10	68	<10	52
CC89164		<20	0.09	<10	<10	58	<10	51
CC89165		<20	0.09	<10	<10	68	<10	53
CC89166		20	0.06	<10	<10	62	<10	50
CC89167		<20	0.05	<10	<10	53	<10	43
CC89168		<20	0.07	<10	<10	52	<10	47
CC89169		20	0.12	<10	<10	85	<10	69
CC89170		<20	0.06	<10	<10	52	<10	48
CC89171		<20	0.08	<10	<10	53	<10	45
CC89172								
CC89173		<20	0.10	<10	<10	59	<10	46
CC89174		<20	0.09	<10	<10	58	<10	43
CC89175		<20	0.09	<10	<10	65	<10	59
CC89176		<20	0.06	<10	<10	54	<10	47
CC89177		<20	0.05	<10	<10	51	<10	36
CC89178		<20	0.02	<10	<10	26	<10	39
CC89179		<20	0.08	<10	<10	55	<10	39
CC89180		<20	0.07	<10	<10	61	<10	43
CC89181		<20	0.07	<10	10	60	<10	49
CC89182		<20	0.10	<10	<10	66	<10	58
CC89183		<20	0.06	<10	<10	51	<10	57
CC89184		<20	0.07	<10	<10	59	<10	48
CC89185		<20	0.16	<10	<10	78	<10	72
CC89186		<20	0.14	<10	<10	69	<10	54
CC89187		<20	0.15	<10	<10	79	<10	64
CC89188		<20	0.10	<10	<10	79	<10	62
CC89189		<20	0.12	<10	<10	73	<10	57
CC89190		<20	0.10	<10	10	64	<10	51
CC89191		<20	0.11	<10	<10	66	<10	50
CC89192		<20	0.07	<10	<10	37	<10	33
CC89193		<20	0.05	<10	<10	40	<10	33
CC89194		<20	0.08	<10	<10	38	<10	37
CC89195		<20	0.03	<10	<10	24	<10	14



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**CERTIFICATE OF ANALYSIS WH12213448**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC89196		0.35	<0.005	<0.2	1.85	9	<10	270	<0.5	<2	0.22	<0.5	7	21	15	2.58
CC89197		0.25	<0.005	<0.2	2.49	11	<10	400	1.0	<2	0.56	<0.5	17	28	37	3.36
CC89198		0.37	<0.005	<0.2	1.63	5	<10	420	<0.5	<2	0.61	0.6	10	22	30	2.62
CC89199		0.30	<0.005	<0.2	1.70	6	<10	360	<0.5	<2	0.51	<0.5	8	21	22	2.49
CC89200		0.44	<0.005	<0.2	1.63	8	<10	220	<0.5	<2	0.31	<0.5	7	26	12	2.44
CC89361		Not Recvd														
CC89362		0.34	<0.005	<0.2	1.49	8	<10	210	<0.5	<2	0.37	<0.5	6	25	14	2.21
CC89363		0.21	<0.005	<0.2	1.66	10	<10	240	<0.5	<2	0.39	<0.5	8	32	11	2.56
CC89364		0.27	<0.005	<0.2	1.71	9	<10	370	0.5	<2	0.74	<0.5	9	26	24	2.38
CC89365		0.32	<0.005	<0.2	1.66	11	<10	190	<0.5	<2	0.40	<0.5	8	31	13	2.59
CC89366		0.30	<0.005	<0.2	1.44	9	<10	110	<0.5	<2	0.25	<0.5	6	27	7	2.40
CC89367		0.34	<0.005	<0.2	1.19	32	<10	170	<0.5	<2	0.42	<0.5	8	32	11	2.73
CC89368		0.30	<0.005	<0.2	1.68	7	<10	200	<0.5	<2	0.30	<0.5	7	30	10	2.50
CC89369		0.26	<0.005	<0.2	2.20	9	<10	150	<0.5	2	0.30	<0.5	10	42	16	3.55
CC89370		0.27	<0.005	<0.2	1.90	8	<10	220	<0.5	<2	0.63	<0.5	11	49	18	3.27
CC89371		0.28	<0.005	<0.2	1.72	10	<10	260	<0.5	<2	0.50	<0.5	10	35	17	2.67
CC89372		0.18	<0.005	<0.2	1.44	8	<10	240	0.5	<2	0.58	<0.5	10	28	20	2.60
CC89373		0.31	<0.005	<0.2	1.84	3	<10	240	<0.5	<2	0.58	<0.5	11	33	24	2.71
CC89374		0.20	<0.005	<0.2	1.39	8	<10	220	<0.5	<2	0.57	<0.5	9	24	23	2.12
CC89375		0.29	NSS	<0.2	2.20	13	<10	390	0.7	<2	0.62	<0.5	13	29	24	2.73
CC89376		0.33	0.005	<0.2	1.41	8	<10	180	<0.5	<2	0.34	<0.5	6	24	10	2.12
CC89377		0.32	<0.005	<0.2	1.32	7	<10	160	<0.5	<2	0.33	<0.5	7	24	9	2.00
CC89378		0.25	<0.005	<0.2	1.91	11	<10	190	<0.5	<2	0.33	<0.5	9	34	13	2.94
CC89379		0.32	<0.005	<0.2	1.90	10	<10	290	<0.5	<2	0.36	<0.5	10	41	11	2.74
CC89380		0.29	<0.005	<0.2	1.32	10	<10	350	<0.5	<2	0.45	<0.5	7	25	16	2.00
CC89381		0.25	<0.005	<0.2	1.90	16	<10	180	<0.5	<2	0.24	<0.5	8	31	13	2.82
CC89382		0.18	<0.005	<0.2	1.52	10	<10	310	<0.5	<2	0.26	<0.5	6	22	15	2.26
CC89383		0.28	<0.005	<0.2	1.46	12	<10	240	<0.5	<2	0.36	<0.5	10	33	11	2.88
CC89384		0.18	<0.005	<0.2	1.53	12	<10	240	<0.5	<2	0.78	<0.5	7	17	20	1.91
CC89385		0.31	<0.005	<0.2	1.61	14	<10	230	<0.5	<2	0.53	<0.5	11	34	16	2.56
CC89386		0.25	<0.005	<0.2	1.06	10	<10	160	<0.5	<2	0.30	<0.5	5	20	9	1.86
CC89387		0.36	<0.005	<0.2	1.36	18	<10	320	0.5	<2	0.59	<0.5	10	36	21	2.98
CC89388		0.34	<0.005	<0.2	1.68	11	<10	180	<0.5	<2	0.35	<0.5	7	28	13	2.32
CC89389		0.28	<0.005	<0.2	1.64	11	<10	100	<0.5	<2	0.39	<0.5	6	30	11	2.51
CC89390		0.23	<0.005	<0.2	1.66	10	<10	260	<0.5	<2	0.57	<0.5	5	25	22	1.67
CC89391		0.19	<0.005	0.5	2.06	24	<10	400	0.8	<2	0.72	0.5	9	41	35	2.67
CC89392		0.16	NSS	0.6	1.70	15	<10	240	<0.5	<2	0.60	<0.5	4	19	21	1.88
CC89393		0.35	<0.005	<0.2	1.23	19	<10	110	<0.5	<2	0.35	<0.5	6	23	10	1.94
CC89394		0.17	<0.005	0.6	1.97	15	<10	250	0.5	<2	0.62	<0.5	3	20	24	1.85
CC89395		0.30	0.007	0.2	1.96	36	<10	170	0.5	<2	0.44	<0.5	7	26	20	2.62





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**CERTIFICATE OF ANALYSIS WH12213448**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
CC89196		10	1	0.07	10	0.52	399	<1	0.01	11	250	6	0.01	<2	4	19
CC89197		10	<1	0.11	20	0.43	1345	<1	0.01	13	640	13	0.03	<2	5	38
CC89198		10	<1	0.08	10	0.47	827	<1	0.02	10	420	10	0.02	2	4	42
CC89199		10	<1	0.08	10	0.55	517	<1	0.02	8	590	12	0.02	<2	6	28
CC89200		10	<1	0.09	10	0.48	301	1	0.02	12	270	8	0.01	2	5	21
CC89361																
CC89362		10	<1	0.08	10	0.45	311	<1	0.02	9	220	6	0.02	<2	5	24
CC89363		10	<1	0.08	10	0.61	270	<1	0.02	13	210	6	0.01	<2	4	26
CC89364		<10	<1	0.09	20	0.47	423	<1	0.02	11	760	5	0.04	2	8	38
CC89365		10	<1	0.07	10	0.65	299	<1	0.01	13	190	6	0.01	<2	4	26
CC89366		10	<1	0.09	10	0.50	200	<1	0.01	10	150	6	0.01	<2	3	18
CC89367		10	<1	0.09	10	0.39	307	1	0.01	12	220	7	0.01	2	5	26
CC89368		10	<1	0.07	10	0.53	258	<1	0.01	12	190	7	0.01	<2	4	21
CC89369		10	<1	0.07	10	1.00	295	<1	0.01	9	240	6	0.01	3	8	25
CC89370		10	<1	0.05	10	0.88	417	<1	0.03	13	540	9	0.01	<2	6	37
CC89371		10	<1	0.06	10	0.53	401	<1	0.02	12	530	7	0.03	<2	5	35
CC89372		<10	<1	0.06	20	0.44	531	<1	0.02	12	780	12	0.06	<2	5	41
CC89373		10	1	0.06	10	0.44	446	<1	0.02	13	830	7	0.07	3	4	45
CC89374		<10	<1	0.04	20	0.27	612	<1	0.03	11	1000	3	0.08	<2	3	43
CC89375		10	1	0.11	30	0.52	627	<1	0.02	16	570	6	0.04	<2	7	42
CC89376		<10	1	0.09	10	0.51	240	<1	0.02	10	220	5	0.01	<2	3	20
CC89377		<10	<1	0.07	10	0.43	263	<1	0.01	9	330	4	0.01	<2	3	18
CC89378		10	<1	0.08	10	0.66	268	<1	0.02	12	230	6	0.01	<2	4	25
CC89379		10	<1	0.15	10	0.56	489	1	0.02	20	290	7	0.01	<2	4	20
CC89380		<10	<1	0.07	10	0.43	428	<1	0.02	10	380	4	0.01	<2	3	19
CC89381		10	<1	0.10	10	0.50	240	<1	0.01	13	370	7	0.01	<2	3	19
CC89382		10	<1	0.07	20	0.33	281	<1	0.02	8	370	13	0.01	<2	3	22
CC89383		<10	1	0.09	10	0.61	496	<1	0.02	11	460	12	0.01	<2	5	20
CC89384		<10	<1	0.08	10	0.33	295	<1	0.03	8	710	4	0.07	<2	3	47
CC89385		<10	<1	0.09	20	0.59	329	1	0.02	16	510	10	0.02	2	6	30
CC89386		<10	<1	0.09	10	0.40	254	1	0.03	9	250	5	0.01	<2	3	18
CC89387		<10	1	0.12	20	0.53	675	2	0.04	20	830	12	0.02	3	6	34
CC89388		10	<1	0.08	10	0.49	323	1	0.03	11	280	8	0.01	2	3	24
CC89389		10	<1	0.11	10	0.48	274	1	0.03	14	400	7	0.01	<2	4	29
CC89390		<10	<1	0.08	10	0.45	180	<1	0.03	13	520	9	0.04	2	5	36
CC89391		10	<1	0.11	40	0.49	355	2	0.03	24	720	23	0.05	4	9	44
CC89392		<10	<1	0.12	20	0.27	209	1	0.05	9	470	8	0.04	<2	6	33
CC89393		<10	<1	0.10	10	0.50	319	1	0.03	8	310	14	0.01	2	4	22
CC89394		10	<1	0.11	20	0.26	147	1	0.04	11	680	9	0.06	3	5	43
CC89395		10	<1	0.10	20	0.46	364	2	0.03	12	520	16	0.02	4	6	33



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
CC89196		<20	0.11	<10	<10	66	<10	41
CC89197		<20	0.07	<10	<10	72	<10	57
CC89198		<20	0.07	<10	<10	69	<10	54
CC89199		<20	0.05	<10	<10	57	<10	42
CC89200		<20	0.07	<10	<10	60	<10	43
CC89361								
CC89362		<20	0.07	<10	<10	58	<10	41
CC89363		<20	0.10	<10	<10	58	<10	45
CC89364		<20	0.04	<10	<10	52	<10	50
CC89365		<20	0.09	<10	<10	62	<10	45
CC89366		<20	0.10	<10	<10	62	<10	40
CC89367		<20	0.05	<10	<10	63	<10	44
CC89368		<20	0.09	<10	<10	64	<10	42
CC89369		<20	0.07	<10	<10	106	<10	47
CC89370		<20	0.13	<10	<10	87	<10	57
CC89371		<20	0.07	<10	<10	62	<10	44
CC89372		<20	0.04	<10	<10	56	<10	51
CC89373		<20	0.05	<10	<10	53	<10	49
CC89374		<20	0.04	<10	<10	53	<10	29
CC89375		<20	0.04	<10	<10	58	<10	51
CC89376		<20	0.07	<10	<10	51	<10	44
CC89377		<20	0.06	<10	<10	46	<10	36
CC89378		<20	0.11	<10	<10	73	<10	49
CC89379		<20	0.08	<10	<10	63	<10	52
CC89380		<20	0.07	<10	<10	47	<10	36
CC89381		<20	0.09	<10	<10	65	<10	46
CC89382		<20	0.07	<10	<10	57	<10	37
CC89383		<20	0.06	<10	<10	66	<10	51
CC89384		<20	0.04	<10	<10	43	<10	37
CC89385		<20	0.06	<10	<10	61	<10	47
CC89386		<20	0.08	<10	<10	46	<10	40
CC89387		<20	0.05	<10	<10	58	<10	70
CC89388		<20	0.09	<10	<10	62	<10	46
CC89389		<20	0.08	<10	<10	62	<10	54
CC89390		<20	0.06	<10	<10	38	<10	45
CC89391		<20	0.04	<10	<10	65	<10	67
CC89392		<20	0.03	<10	<10	39	<10	41
CC89393		<20	0.08	<10	<10	46	<10	50
CC89394		<20	0.03	<10	<10	32	<10	44
CC89395		<20	0.06	<10	<10	55	<10	51



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**CERTIFICATE OF ANALYSIS WH12213448**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC89396		0.22	<0.005	<0.2	1.59	45	<10	220	<0.5	<2	0.43	<0.5	5	25	17	2.39
CC89397		0.21	<0.005	0.3	1.45	31	<10	260	0.5	<2	0.55	<0.5	4	19	31	1.71
CC89398		0.28	<0.005	<0.2	1.59	26	<10	190	<0.5	2	0.66	<0.5	9	30	22	2.32
CC89399		0.37	<0.005	<0.2	1.28	16	<10	160	<0.5	<2	0.39	<0.5	5	20	10	2.07
CC89400		0.26	<0.005	<0.2	1.33	15	<10	210	<0.5	<2	0.41	<0.5	6	23	12	2.04
ZZ50701		0.22	<0.005	<0.2	0.83	4	<10	140	<0.5	<2	0.32	<0.5	5	12	9	1.57
ZZ50702		0.19	<0.005	<0.2	0.53	2	<10	70	<0.5	<2	0.13	<0.5	3	7	8	1.08
ZZ50703		0.25	<0.005	<0.2	1.42	10	<10	90	<0.5	<2	0.14	<0.5	5	23	9	2.38
ZZ50704		0.24	<0.005	<0.2	1.03	8	<10	300	<0.5	<2	0.67	<0.5	5	13	17	1.59
ZZ50705		0.22	<0.005	<0.2	1.08	6	<10	230	<0.5	<2	0.70	<0.5	5	9	18	1.31
ZZ50706		0.13	<0.005	<0.2	1.21	12	<10	290	<0.5	<2	0.72	<0.5	5	13	19	1.64
ZZ50707		0.13	<0.005	0.4	1.27	4	<10	430	<0.5	<2	1.48	<0.5	5	15	27	1.43
ZZ50708		Not Recvd														
ZZ50709		0.14	<0.005	0.3	1.43	5	<10	340	0.5	<2	0.63	1.4	7	16	31	1.82
ZZ50710		0.19	<0.005	<0.2	1.56	6	<10	200	<0.5	<2	0.49	<0.5	6	20	15	1.93
ZZ50711		0.20	<0.005	0.2	1.29	8	<10	230	<0.5	<2	0.52	<0.5	6	16	13	1.73
ZZ50712		0.11	<0.005	0.2	1.82	9	<10	400	<0.5	<2	0.77	<0.5	5	15	20	1.57
ZZ50713		0.18	<0.005	0.2	1.10	2	<10	160	<0.5	<2	0.48	<0.5	7	12	22	1.54
ZZ50714		0.19	<0.005	<0.2	1.59	9	<10	420	<0.5	<2	0.72	<0.5	6	19	23	1.88
ZZ50715		0.14	<0.005	<0.2	1.24	6	<10	330	<0.5	<2	0.47	<0.5	5	19	14	1.73
ZZ50716		0.15	<0.005	<0.2	1.34	3	<10	270	<0.5	<2	1.30	<0.5	4	10	20	1.30
ZZ50717		0.22	<0.005	<0.2	1.34	3	<10	150	<0.5	<2	0.40	<0.5	7	18	17	1.92
ZZ50718		0.14	<0.005	<0.2	2.21	6	<10	100	<0.5	<2	0.26	<0.5	8	23	15	2.77
ZZ50719		0.20	<0.005	0.2	1.86	9	<10	80	<0.5	<2	0.17	<0.5	7	22	13	2.33
ZZ50720		0.23	<0.005	<0.2	1.35	12	<10	130	<0.5	<2	0.25	<0.5	6	20	11	1.92
ZZ50721		0.12	<0.005	<0.2	1.29	7	<10	160	<0.5	<2	0.45	<0.5	7	16	16	2.07
ZZ50722		0.18	<0.005	<0.2	0.61	<2	<10	90	<0.5	<2	0.50	<0.5	2	4	11	0.75
ZZ50723		0.16	<0.005	<0.2	1.38	6	<10	120	<0.5	<2	0.66	<0.5	8	24	23	1.87
ZZ50724		0.11	<0.005	<0.2	0.47	<2	<10	50	<0.5	<2	0.42	<0.5	2	3	20	0.49
ZZ50725		0.10	NSS	<0.2	1.94	6	<10	210	<0.5	<2	0.77	<0.5	10	21	21	2.65
ZZ50726		0.20	<0.005	<0.2	1.42	7	<10	190	<0.5	<2	0.68	<0.5	7	23	20	2.02
ZZ50727		0.32	<0.005	<0.2	1.37	9	<10	130	<0.5	<2	0.31	<0.5	7	26	12	2.05
ZZ50728		0.27	<0.005	<0.2	0.93	2	<10	160	<0.5	<2	0.70	<0.5	6	14	18	1.36
ZZ50729		0.27	<0.005	<0.2	1.34	3	<10	180	<0.5	<2	0.72	<0.5	5	16	20	1.49
ZZ50730		0.11	<0.005	<0.2	0.52	2	<10	50	<0.5	<2	0.75	<0.5	2	7	12	0.75
ZZ50731		0.12	<0.005	0.3	0.98	2	<10	220	0.6	<2	0.53	1.2	6	9	81	1.10
ZZ50732		0.21	<0.005	<0.2	0.83	2	<10	140	<0.5	<2	0.29	<0.5	4	9	19	1.04
ZZ50733		0.10	<0.005	<0.2	0.90	5	<10	220	<0.5	<2	0.79	<0.5	4	13	21	1.25
ZZ50734		0.16	<0.005	<0.2	0.22	<2	<10	50	<0.5	<2	0.18	<0.5	2	4	4	0.99
ZZ50735		0.41	<0.005	<0.2	0.47	3	<10	40	<0.5	<2	0.14	<0.5	2	5	5	0.87



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**CERTIFICATE OF ANALYSIS WH12213448**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
CC89396		<10	<1	0.08	10	0.40	360	2	0.03	11	580	12	0.02	5	5	30
CC89397		<10	1	0.06	10	0.22	224	2	0.05	14	690	5	0.06	5	3	38
CC89398		<10	1	0.06	10	0.43	401	2	0.03	15	660	8	0.05	4	4	41
CC89399		<10	1	0.09	10	0.43	241	1	0.04	8	450	10	0.02	2	4	22
CC89400		<10	<1	0.07	10	0.42	276	1	0.03	10	410	8	0.02	<2	5	24
ZZ50701		<10	<1	0.04	10	0.18	378	<1	0.04	5	510	4	0.02	<2	2	20
ZZ50702		<10	<1	0.05	<10	0.08	133	<1	0.04	3	210	2	0.02	<2	1	13
ZZ50703		10	<1	0.10	10	0.39	251	1	0.02	10	310	5	0.01	<2	3	11
ZZ50704		<10	<1	0.04	10	0.21	366	1	0.04	6	760	5	0.05	2	2	34
ZZ50705		<10	<1	0.04	10	0.15	423	1	0.05	6	750	3	0.06	<2	2	41
ZZ50706		<10	<1	0.06	10	0.27	253	1	0.04	8	670	5	0.05	2	2	38
ZZ50707		<10	<1	0.08	20	0.26	548	1	0.04	9	840	3	0.09	2	3	74
ZZ50708																
ZZ50709		<10	1	0.09	30	0.29	375	1	0.04	10	690	6	0.05	2	3	39
ZZ50710		10	<1	0.08	10	0.40	304	1	0.04	9	440	6	0.03	<2	3	33
ZZ50711		<10	<1	0.08	10	0.30	336	1	0.03	8	600	6	0.03	<2	2	30
ZZ50712		10	1	0.07	10	0.24	235	1	0.05	8	620	8	0.05	<2	3	40
ZZ50713		<10	<1	0.06	10	0.18	448	1	0.04	6	510	4	0.03	<2	1	30
ZZ50714		<10	<1	0.08	10	0.34	346	1	0.04	11	770	6	0.05	3	3	44
ZZ50715		<10	<1	0.09	10	0.33	266	1	0.03	9	560	6	0.03	2	2	27
ZZ50716		<10	<1	0.06	10	0.22	227	<1	0.05	7	820	8	0.08	<2	2	56
ZZ50717		<10	<1	0.08	20	0.37	475	1	0.04	9	550	8	0.02	<2	3	25
ZZ50718		10	<1	0.08	10	0.62	257	1	0.03	12	240	14	0.02	<2	5	22
ZZ50719		10	<1	0.10	10	0.44	205	1	0.02	13	280	9	0.02	<2	3	15
ZZ50720		<10	<1	0.08	10	0.40	246	1	0.03	11	300	7	0.02	<2	3	23
ZZ50721		<10	<1	0.10	20	0.42	340	1	0.03	8	540	5	0.03	<2	3	27
ZZ50722		<10	<1	0.03	10	0.07	60	1	0.05	2	620	<2	0.06	<2	1	31
ZZ50723		<10	<1	0.06	10	0.31	344	5	0.04	15	610	12	0.05	<2	2	36
ZZ50724		<10	<1	0.03	10	0.05	60	1	0.06	1	490	<2	0.05	<2	1	24
ZZ50725		10	<1	0.12	20	0.46	380	4	0.04	10	510	13	0.07	<2	3	50
ZZ50726		<10	<1	0.07	10	0.40	363	1	0.05	9	790	12	0.07	<2	3	39
ZZ50727		<10	<1	0.08	10	0.43	250	2	0.04	11	250	10	0.03	<2	3	23
ZZ50728		<10	<1	0.05	10	0.25	375	1	0.05	6	650	5	0.07	<2	2	40
ZZ50729		<10	<1	0.07	20	0.31	227	1	0.05	6	810	6	0.08	<2	2	43
ZZ50730		<10	<1	0.04	<10	0.11	68	1	0.05	2	410	2	0.07	<2	<1	23
ZZ50731		<10	<1	0.04	60	0.12	949	1	0.05	17	580	4	0.07	<2	1	41
ZZ50732		<10	<1	0.05	10	0.15	190	1	0.06	3	390	4	0.04	<2	2	19
ZZ50733		<10	<1	0.04	10	0.24	152	1	0.06	5	450	6	0.07	<2	2	40
ZZ50734		<10	<1	0.02	<10	0.04	64	1	0.05	<1	310	<2	0.03	<2	1	14
ZZ50735		<10	<1	0.03	<10	0.10	108	1	0.05	1	430	<2	0.03	<2	1	12



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**CERTIFICATE OF ANALYSIS WH12213448**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
CC89396		<20	0.06	<10	<10	52	<10	48
CC89397		<20	0.04	<10	<10	34	<10	30
CC89398		<20	0.06	<10	<10	50	<10	45
CC89399		<20	0.07	<10	<10	49	<10	41
CC89400		<20	0.06	<10	<10	48	<10	40
ZZ50701		<20	0.06	<10	<10	48	<10	27
ZZ50702		<20	0.04	<10	<10	32	<10	17
ZZ50703		<20	0.08	<10	<10	62	<10	43
ZZ50704		<20	0.04	<10	<10	42	<10	28
ZZ50705		<20	0.04	<10	<10	34	<10	24
ZZ50706		<20	0.05	<10	<10	42	<10	33
ZZ50707		<20	0.03	<10	<10	31	<10	37
ZZ50708								
ZZ50709		<20	0.05	<10	<10	41	<10	66
ZZ50710		<20	0.06	<10	<10	46	<10	38
ZZ50711		<20	0.05	<10	<10	42	<10	34
ZZ50712		<20	0.04	<10	<10	32	<10	29
ZZ50713		<20	0.05	<10	<10	38	<10	26
ZZ50714		<20	0.04	<10	<10	40	<10	40
ZZ50715		<20	0.06	<10	<10	43	<10	45
ZZ50716		<20	0.04	<10	<10	32	<10	25
ZZ50717		<20	0.06	<10	<10	47	<10	34
ZZ50718		<20	0.09	<10	<10	72	<10	43
ZZ50719		<20	0.07	<10	<10	47	<10	41
ZZ50720		<20	0.06	<10	<10	49	<10	35
ZZ50721		<20	0.06	<10	<10	50	<10	37
ZZ50722		<20	0.03	<10	<10	18	<10	11
ZZ50723		<20	0.03	<10	<10	35	<10	30
ZZ50724		<20	0.02	<10	<10	11	<10	5
ZZ50725		<20	0.03	<10	<10	50	<10	39
ZZ50726		<20	0.05	<10	<10	47	<10	36
ZZ50727		<20	0.07	<10	<10	47	<10	33
ZZ50728		<20	0.04	<10	<10	32	<10	21
ZZ50729		<20	0.04	<10	<10	31	<10	31
ZZ50730		<20	0.02	<10	<10	19	<10	14
ZZ50731		<20	0.03	<10	<10	24	<10	28
ZZ50732		<20	0.04	<10	<10	26	<10	16
ZZ50733		<20	0.04	<10	<10	28	<10	22
ZZ50734		<20	0.05	<10	<10	35	<10	12
ZZ50735		<20	0.04	<10	<10	24	<10	12



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
ZZ50736		0.21	<0.005	<0.2	1.56	5	<10	140	<0.5	<2	0.35	<0.5	5	20	16	1.79
ZZ50737		0.24	<0.005	<0.2	0.50	2	<10	50	<0.5	<2	0.23	<0.5	5	10	13	2.28
ZZ50738		0.11	<0.005	<0.2	0.77	3	<10	60	<0.5	<2	0.16	<0.5	3	9	10	1.22
ZZ50739		0.21	<0.005	<0.2	0.32	<2	<10	30	<0.5	<2	0.10	<0.5	2	5	4	0.86
ZZ50740		0.15	<0.005	<0.2	1.28	9	<10	70	<0.5	<2	0.16	<0.5	4	17	12	1.89
ZZ50741		0.24	0.015	<0.2	1.17	4	<10	120	<0.5	<2	0.41	<0.5	6	15	13	1.59
ZZ50742	Not Recvd															
ZZ50743	0.12	<0.005	<0.2	0.50	2	<10	40	<0.5	<2	0.12	<0.5	2	4	8	0.68	
ZZ50744	Not Recvd															
ZZ50745	0.20	<0.005	<0.2	1.53	7	<10	110	<0.5	<2	0.19	<0.5	7	22	13	2.32	
ZZ50746		0.15	<0.005	<0.2	1.65	7	<10	80	<0.5	<2	0.17	<0.5	7	16	12	2.06
ZZ50747		0.13	<0.005	<0.2	1.36	8	<10	130	<0.5	<2	0.20	<0.5	5	19	23	2.00



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**CERTIFICATE OF ANALYSIS WH12213448**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ50736		<10	<1	0.06	10	0.41	159	1	0.04	10	630	7	0.04	<2	3	26
ZZ50737		<10	<1	0.02	10	0.11	253	1	0.05	2	710	2	0.06	<2	1	19
ZZ50738		<10	<1	0.04	<10	0.15	104	1	0.05	2	450	3	0.05	<2	1	16
ZZ50739		<10	<1	0.02	<10	0.05	63	1	0.05	<1	350	<2	0.04	<2	<1	10
ZZ50740		<10	<1	0.04	10	0.23	117	1	0.04	6	410	5	0.03	<2	2	15
ZZ50741		<10	<1	0.05	10	0.29	321	1	0.05	5	500	6	0.05	<2	2	30
ZZ50742																
ZZ50743		<10	<1	0.03	<10	0.05	46	1	0.06	<1	350	<2	0.03	<2	<1	14
ZZ50744																
ZZ50745		10	<1	0.08	10	0.46	257	1	0.03	11	380	7	0.03	<2	2	16
ZZ50746		<10	<1	0.06	10	0.37	270	1	0.04	8	310	9	0.04	<2	2	16
ZZ50747		<10	<1	0.05	10	0.32	241	1	0.04	7	280	6	0.03	<2	2	20



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**CERTIFICATE OF ANALYSIS WH12213448**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ50736		<20	0.05	<10	<10	40	<10	37
ZZ50737		<20	0.10	<10	<10	81	<10	33
ZZ50738		<20	0.04	<10	<10	32	<10	19
ZZ50739		<20	0.03	<10	<10	28	<10	10
ZZ50740		<20	0.06	<10	<10	48	<10	23
ZZ50741		<20	0.05	<10	<10	39	<10	27
ZZ50742								
ZZ50743		<20	0.03	<10	<10	19	<10	7
ZZ50744								
ZZ50745		<20	0.07	<10	<10	54	<10	42
ZZ50746		<20	0.06	<10	<10	51	<10	33
ZZ50747		<20	0.07	<10	<10	49	<10	31





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**CERTIFICATE OF ANALYSIS WH12213448**

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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**CERTIFICATE WH12213449**

Project: KLAZA - Soil  
P.O. No.: Batch 1  
This report is for 119 Soil samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12213449**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35701		0.47	0.005	<0.2	1.40	8	<10	230	<0.5	<2	0.45	<0.5	8	26	23	2.48
ZZ35702		0.37	<0.005	<0.2	1.38	7	<10	250	<0.5	<2	0.43	<0.5	8	25	22	1.96
ZZ35703		0.39	<0.005	<0.2	1.56	8	<10	240	<0.5	<2	0.34	<0.5	7	27	14	2.06
ZZ35704		0.31	<0.005	0.2	1.65	10	<10	250	<0.5	<2	0.38	<0.5	10	33	22	2.77
ZZ35705		0.30	<0.005	<0.2	1.50	6	<10	230	<0.5	<2	0.36	<0.5	8	30	15	1.97
ZZ35706		0.42	<0.005	<0.2	1.45	9	<10	210	<0.5	<2	0.46	<0.5	10	30	13	2.23
ZZ35707		0.30	<0.005	<0.2	1.52	7	<10	200	<0.5	<2	0.46	<0.5	7	30	18	2.06
ZZ35708		0.35	<0.005	<0.2	1.51	6	<10	220	<0.5	<2	0.44	<0.5	6	28	15	1.81
ZZ35709		0.34	<0.005	<0.2	1.63	8	<10	300	<0.5	<2	0.49	<0.5	8	31	15	2.21
ZZ35710		0.25	<0.005	<0.2	1.45	4	<10	230	<0.5	<2	0.46	<0.5	7	29	18	1.80
ZZ35711		0.37	<0.005	<0.2	1.66	9	<10	270	0.5	<2	0.50	<0.5	8	37	25	2.27
ZZ35712		0.33	0.005	<0.2	1.65	11	<10	250	0.5	<2	0.47	<0.5	8	34	24	2.49
ZZ35713		0.21	<0.005	0.2	1.67	10	<10	250	0.5	<2	0.58	<0.5	12	35	25	3.63
ZZ35714		0.34	<0.005	<0.2	1.67	10	<10	220	0.5	<2	0.52	<0.5	7	37	31	2.61
ZZ35715		0.49	0.005	<0.2	1.48	8	<10	230	<0.5	<2	0.51	<0.5	10	31	24	2.49
ZZ35716		<0.02	<0.005	<0.2	1.49	6	<10	260	0.6	<2	0.37	<0.5	6	37	44	1.54
ZZ35717		0.39	<0.005	<0.2	1.30	7	<10	210	<0.5	<2	0.41	<0.5	6	29	17	2.18
ZZ35718		0.23	0.005	<0.2	1.30	3	<10	210	<0.5	<2	0.36	<0.5	5	23	17	1.26
ZZ35719		0.31	0.013	<0.2	1.26	6	<10	190	<0.5	<2	0.37	<0.5	5	24	23	1.32
ZZ35720		0.27	0.008	<0.2	1.21	9	<10	270	<0.5	<2	0.50	<0.5	6	24	26	2.13
ZZ35721		0.37	0.024	0.5	1.58	9	<10	290	0.6	<2	0.43	0.7	6	28	55	1.85
ZZ35722		0.37	0.005	<0.2	1.02	10	<10	190	<0.5	<2	0.40	<0.5	4	17	10	1.70
ZZ35723		0.30	0.032	0.3	1.37	15	<10	320	0.6	<2	0.57	0.6	7	25	63	2.32
ZZ35724		0.39	0.006	<0.2	1.36	11	<10	240	<0.5	<2	0.44	<0.5	8	23	16	2.26
ZZ35725		0.39	0.013	0.4	0.90	13	<10	170	<0.5	<2	0.48	<0.5	6	18	15	2.18
ZZ35726		0.25	NSS	1.6	2.02	32	<10	580	1.2	<2	0.63	1.9	9	37	90	3.51
ZZ35727		0.29	0.008	<0.2	1.54	11	<10	290	<0.5	<2	0.44	<0.5	5	23	22	2.03
ZZ35728		0.22	<0.005	0.2	1.06	10	<10	340	<0.5	<2	0.75	<0.5	6	18	29	1.71
ZZ35729		0.30	<0.005	<0.2	1.56	19	<10	350	<0.5	<2	0.77	<0.5	11	25	34	2.64
ZZ35730		0.21	0.008	0.2	1.52	10	<10	410	0.5	<2	0.81	<0.5	8	27	33	2.25
ZZ35731		0.32	<0.005	<0.2	1.16	9	<10	250	<0.5	<2	0.66	<0.5	7	22	19	2.06
ZZ35732		0.19	0.008	0.2	1.49	10	<10	380	<0.5	<2	0.53	<0.5	11	25	22	2.57
ZZ35733		0.28	<0.005	<0.2	1.22	6	<10	330	<0.5	<2	0.42	<0.5	6	22	14	1.80
ZZ35734		0.24	0.006	<0.2	1.26	6	<10	210	<0.5	<2	0.46	<0.5	6	27	11	1.80
ZZ35735		0.40	<0.005	<0.2	1.40	6	<10	340	0.6	<2	0.46	<0.5	6	28	21	1.70
ZZ35736		0.43	<0.005	<0.2	1.32	6	<10	260	<0.5	<2	0.38	<0.5	6	26	11	1.83
ZZ35737		0.37	<0.005	<0.2	1.57	10	<10	240	0.6	2	0.46	<0.5	8	34	18	2.62
ZZ35738		0.40	<0.005	<0.2	1.40	4	<10	260	<0.5	<2	0.40	<0.5	6	29	14	1.60
ZZ35739		0.38	<0.005	<0.2	1.52	7	<10	220	<0.5	<2	0.43	<0.5	6	31	10	2.06
ZZ35740		0.31	0.008	<0.2	1.40	9	<10	180	<0.5	<2	0.47	<0.5	9	32	14	2.47



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Project: KLAZA - Soil

**CERTIFICATE OF ANALYSIS WH12213449**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ35701		<10	<1	0.05	10	0.40	353	1	0.04	11	600	7	0.04	<2	4	28
ZZ35702		<10	<1	0.05	10	0.40	247	1	0.04	11	590	9	0.04	<2	4	28
ZZ35703		<10	<1	0.07	10	0.46	214	1	0.04	9	390	10	0.04	<2	5	24
ZZ35704		<10	<1	0.08	10	0.51	408	1	0.05	17	550	9	0.04	<2	6	28
ZZ35705		<10	<1	0.06	10	0.45	190	1	0.05	12	460	11	0.04	<2	5	27
ZZ35706		<10	<1	0.08	10	0.49	384	1	0.04	12	500	8	0.03	<2	5	31
ZZ35707		<10	<1	0.08	10	0.47	214	1	0.04	13	390	11	0.04	<2	5	29
ZZ35708		<10	<1	0.07	10	0.50	175	1	0.04	13	500	9	0.04	<2	5	32
ZZ35709		<10	<1	0.07	10	0.50	412	1	0.04	12	560	10	0.05	<2	4	35
ZZ35710		<10	<1	0.06	10	0.45	215	1	0.05	11	550	9	0.07	<2	4	33
ZZ35711		<10	<1	0.08	20	0.53	228	1	0.04	14	610	13	0.07	<2	7	35
ZZ35712		<10	<1	0.07	20	0.53	267	2	0.04	14	460	14	0.05	<2	6	31
ZZ35713		<10	<1	0.06	20	0.52	582	2	0.04	13	600	12	0.06	<2	6	36
ZZ35714		<10	<1	0.09	20	0.56	542	2	0.04	18	600	12	0.03	<2	7	34
ZZ35715		<10	<1	0.06	20	0.50	685	2	0.04	13	570	9	0.02	<2	5	32
ZZ35716		<10	<1	0.05	20	0.39	160	1	0.03	9	640	11	0.07	<2	6	29
ZZ35717		<10	<1	0.07	10	0.47	256	1	0.04	11	540	7	0.01	<2	4	30
ZZ35718		<10	<1	0.04	10	0.38	155	1	0.04	7	480	9	0.03	<2	4	22
ZZ35719		<10	<1	0.04	10	0.36	128	1	0.03	7	530	10	0.05	<2	4	22
ZZ35720		<10	<1	0.04	10	0.34	215	2	0.04	7	710	12	0.07	<2	4	30
ZZ35721		<10	<1	0.07	30	0.50	179	1	0.04	9	540	21	0.07	<2	7	25
ZZ35722		<10	<1	0.04	10	0.32	124	2	0.03	5	520	10	0.02	<2	3	21
ZZ35723		<10	<1	0.07	20	0.39	255	2	0.03	11	730	14	0.09	<2	6	32
ZZ35724		<10	<1	0.06	10	0.40	315	2	0.04	8	610	13	0.02	<2	4	26
ZZ35725		<10	<1	0.07	10	0.38	298	2	0.04	4	910	18	0.01	<2	3	25
ZZ35726		10	1	0.08	50	0.46	268	4	0.03	16	1050	25	0.15	<2	11	38
ZZ35727		<10	<1	0.07	10	0.45	152	1	0.04	10	370	16	0.03	<2	3	27
ZZ35728		<10	<1	0.04	10	0.29	276	2	0.04	8	770	14	0.07	<2	2	42
ZZ35729		10	<1	0.09	10	0.44	572	2	0.04	10	500	20	0.04	2	4	46
ZZ35730		10	<1	0.08	10	0.48	330	1	0.04	13	500	16	0.04	<2	3	45
ZZ35731		<10	<1	0.07	10	0.43	307	1	0.04	9	550	12	0.03	<2	3	39
ZZ35732		<10	<1	0.07	10	0.44	431	1	0.04	10	610	20	0.04	<2	4	32
ZZ35733		<10	<1	0.08	20	0.38	255	1	0.04	8	460	12	0.01	<2	5	24
ZZ35734		<10	<1	0.06	10	0.43	282	1	0.04	11	580	12	0.02	<2	4	29
ZZ35735		<10	<1	0.08	20	0.39	210	1	0.03	12	570	12	0.02	<2	6	28
ZZ35736		<10	<1	0.07	20	0.37	242	1	0.04	9	500	11	0.02	<2	5	26
ZZ35737		<10	<1	0.08	20	0.49	309	1	0.04	15	560	13	0.02	<2	6	33
ZZ35738		<10	<1	0.06	10	0.40	193	1	0.04	9	440	11	0.03	<2	5	29
ZZ35739		<10	<1	0.06	10	0.45	277	1	0.03	10	470	12	0.02	<2	4	32
ZZ35740		<10	<1	0.07	10	0.53	431	2	0.04	14	610	13	0.01	<2	5	33



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**CERTIFICATE OF ANALYSIS WH12213449**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ35701		<20	0.07	<10	<10	52	<10	42
ZZ35702		<20	0.07	<10	<10	50	<10	40
ZZ35703		<20	0.06	<10	<10	57	<10	47
ZZ35704		<20	0.08	<10	<10	60	<10	55
ZZ35705		<20	0.07	<10	<10	54	<10	51
ZZ35706		<20	0.08	<10	<10	51	<10	46
ZZ35707		<20	0.07	<10	<10	52	<10	49
ZZ35708		<20	0.07	<10	<10	47	<10	47
ZZ35709		<20	0.06	<10	<10	56	<10	47
ZZ35710		<20	0.06	<10	<10	49	<10	49
ZZ35711		<20	0.07	<10	<10	60	<10	68
ZZ35712		<20	0.08	<10	<10	66	<10	66
ZZ35713		<20	0.06	<10	<10	67	<10	60
ZZ35714		<20	0.08	<10	<10	61	<10	59
ZZ35715		<20	0.07	<10	<10	57	<10	52
ZZ35716		<20	0.04	<10	20	60	<10	44
ZZ35717		<20	0.08	<10	<10	51	<10	44
ZZ35718		<20	0.06	<10	<10	43	<10	41
ZZ35719		<20	0.06	<10	<10	51	<10	42
ZZ35720		<20	0.05	<10	<10	48	<10	42
ZZ35721		<20	0.07	<10	10	63	<10	66
ZZ35722		<20	0.05	<10	<10	44	<10	38
ZZ35723		<20	0.06	<10	10	53	<10	50
ZZ35724		<20	0.06	<10	<10	48	<10	46
ZZ35725		<20	0.06	<10	<10	57	<10	54
ZZ35726		<20	0.05	<10	10	91	<10	114
ZZ35727		<20	0.06	<10	<10	50	<10	48
ZZ35728		<20	0.04	<10	<10	38	<10	42
ZZ35729		<20	0.07	<10	<10	60	<10	76
ZZ35730		<20	0.07	<10	<10	55	<10	55
ZZ35731		<20	0.06	<10	<10	46	<10	59
ZZ35732		<20	0.06	<10	<10	52	<10	76
ZZ35733		<20	0.04	<10	<10	42	<10	40
ZZ35734		<20	0.05	<10	<10	46	<10	44
ZZ35735		<20	0.05	<10	<10	46	<10	48
ZZ35736		<20	0.05	<10	<10	45	<10	42
ZZ35737		<20	0.06	<10	<10	60	<10	57
ZZ35738		<20	0.06	<10	<10	49	<10	50
ZZ35739		<20	0.06	<10	<10	51	<10	52
ZZ35740		<20	0.06	<10	<10	56	<10	57



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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016 - 510 W HASTINGS STREET  
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Finalized Date: 27-SEP-2012  
Account: ROCKHA

Project: KLAZA - Soil

**CERTIFICATE OF ANALYSIS WH12213449**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ35741		0.32	0.007	<0.2	1.65	10	<10	240	0.5	<2	0.46	<0.5	10	32	19	2.84
ZZ35742		0.21	0.009	0.5	2.74	10	<10	610	0.9	<2	0.88	<0.5	15	39	39	4.15
ZZ35743		0.31	<0.005	<0.2	1.90	11	<10	240	<0.5	<2	0.28	<0.5	8	26	13	2.59
ZZ35744		0.12	<0.005	<0.2	2.17	7	<10	310	0.6	<2	0.66	<0.5	7	26	32	2.22
ZZ35745		0.33	<0.005	<0.2	1.68	10	<10	190	<0.5	<2	0.46	<0.5	8	28	15	2.40
ZZ35746		0.30	<0.005	<0.2	1.69	11	<10	160	<0.5	<2	0.50	<0.5	10	30	12	2.55
ZZ35747		0.33	<0.005	<0.2	1.76	13	<10	160	<0.5	<2	0.50	<0.5	8	36	8	2.65
ZZ35748		0.29	<0.005	<0.2	1.95	41	<10	330	0.9	<2	0.68	<0.5	11	42	36	5.89
ZZ35749		0.23	<0.005	<0.2	1.73	7	<10	290	0.6	<2	0.71	<0.5	9	29	24	2.51
ZZ35750		0.37	<0.005	<0.2	1.65	10	<10	210	<0.5	2	0.44	<0.5	9	29	26	2.63
ZZ35751		0.43	<0.005	0.7	3.64	20	<10	330	0.6	<2	0.75	<0.5	16	87	35	4.73
ZZ35752		0.31	<0.005	<0.2	2.51	12	<10	220	<0.5	<2	0.59	<0.5	13	66	22	3.66
ZZ35753		0.24	0.023	<0.2	1.71	13	<10	160	<0.5	<2	0.36	<0.5	9	48	13	2.76
ZZ35754		0.26	<0.005	0.2	2.01	13	<10	110	<0.5	<2	0.23	<0.5	7	27	14	2.48
ZZ35755		0.36	<0.005	<0.2	1.32	10	<10	100	<0.5	<2	0.29	<0.5	5	22	12	2.18
ZZ35756		0.34	0.008	<0.2	2.24	23	<10	230	0.6	<2	0.55	<0.5	10	33	23	4.13
ZZ35757		0.40	<0.005	<0.2	1.88	82	<10	120	0.5	<2	0.37	<0.5	9	24	12	3.13
ZZ35758		0.22	<0.005	<0.2	2.39	21	<10	130	<0.5	<2	0.20	<0.5	9	32	14	2.76
ZZ35759		0.26	<0.005	<0.2	1.98	12	<10	200	<0.5	<2	0.41	<0.5	9	29	14	2.77
ZZ35760		0.24	<0.005	<0.2	2.61	24	<10	140	<0.5	<2	0.30	<0.5	8	21	12	2.98
ZZ35761		0.22	<0.005	<0.2	1.86	12	<10	150	<0.5	<2	0.27	<0.5	8	24	15	2.55
ZZ35762		0.37	<0.005	<0.2	2.02	10	<10	110	<0.5	<2	0.37	<0.5	10	27	13	2.63
ZZ35763		0.26	<0.005	<0.2	2.11	17	<10	140	<0.5	<2	0.48	<0.5	12	29	18	3.12
ZZ35764		0.21	0.011	<0.2	1.85	114	<10	140	0.5	2	0.69	<0.5	10	30	23	3.60
ZZ35765		0.25	<0.005	0.2	1.77	55	<10	160	0.5	<2	1.07	<0.5	10	23	17	2.90
ZZ35766		0.18	<0.005	0.2	2.42	16	<10	210	0.5	<2	1.13	<0.5	8	23	17	2.91
ZZ35767		0.21	<0.005	<0.2	1.92	40	<10	190	<0.5	2	0.49	<0.5	9	24	11	2.97
ZZ35768		0.22	<0.005	0.2	1.73	9	<10	220	<0.5	<2	1.25	<0.5	7	23	24	2.21
ZZ35769		0.26	<0.005	<0.2	1.78	14	<10	180	<0.5	<2	0.66	<0.5	10	24	18	2.66
ZZ35770		0.14	<0.005	0.2	1.21	8	<10	190	<0.5	<2	1.60	<0.5	7	19	22	2.08
ZZ35771		0.21	<0.005	<0.2	1.60	13	<10	200	<0.5	<2	1.52	<0.5	6	14	14	2.49
ZZ35772		0.25	<0.005	<0.2	1.69	9	<10	180	<0.5	<2	0.66	<0.5	8	25	14	2.80
ZZ35773		0.25	<0.005	<0.2	2.15	20	<10	180	0.5	<2	0.49	<0.5	9	21	10	3.21
ZZ35774		0.30	<0.005	<0.2	1.57	10	<10	120	<0.5	<2	0.34	<0.5	6	19	8	2.38
ZZ35775		0.28	<0.005	<0.2	2.76	13	<10	220	0.5	<2	0.51	<0.5	12	23	11	3.64
ZZ35776		0.21	<0.005	<0.2	1.98	9	<10	70	<0.5	<2	0.20	<0.5	7	17	9	2.56
ZZ35777		0.16	<0.005	0.2	2.26	13	<10	130	0.7	2	0.54	<0.5	9	15	18	3.05
ZZ35778		0.29	<0.005	<0.2	1.68	14	<10	130	<0.5	<2	0.60	<0.5	6	14	10	2.68
ZZ35779		0.22	<0.005	0.2	1.28	8	<10	120	<0.5	2	0.88	<0.5	7	29	14	2.58
ZZ35780		0.27	<0.005	<0.2	1.36	10	<10	170	<0.5	<2	0.48	<0.5	7	24	11	2.72



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Project: KLAZA - Soil

**CERTIFICATE OF ANALYSIS WH12213449**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ35741		<10	<1	0.06	20	0.55	391	1	0.04	13	590	11	0.02	<2	6	35
ZZ35742		10	1	0.15	70	0.67	667	2	0.02	17	1140	13	0.07	<2	18	63
ZZ35743		<10	<1	0.09	10	0.45	303	1	0.03	12	240	8	0.01	<2	5	20
ZZ35744		10	<1	0.09	20	0.44	326	2	0.04	12	630	10	0.04	<2	4	49
ZZ35745		10	<1	0.08	10	0.55	281	2	0.03	12	270	9	0.01	<2	5	30
ZZ35746		10	<1	0.10	10	0.53	354	2	0.04	9	510	9	0.02	<2	5	32
ZZ35747		10	<1	0.08	10	0.69	284	2	0.04	10	360	10	0.02	<2	5	32
ZZ35748		10	1	0.08	40	0.61	454	6	0.02	20	730	17	0.06	2	9	44
ZZ35749		<10	<1	0.06	30	0.52	390	2	0.04	12	700	8	0.04	<2	7	40
ZZ35750		10	<1	0.08	10	0.55	440	2	0.01	18	320	14	0.02	2	6	28
ZZ35751		10	1	0.43	40	1.31	610	2	0.02	32	580	22	0.04	<2	18	47
ZZ35752		10	1	0.45	20	1.05	367	2	0.02	24	760	10	0.03	<2	9	36
ZZ35753		10	<1	0.30	10	0.81	271	1	0.02	19	320	8	0.01	3	5	21
ZZ35754		10	<1	0.10	10	0.43	198	2	0.01	12	340	11	0.01	2	4	20
ZZ35755		<10	<1	0.08	10	0.47	175	1	0.01	10	390	8	0.01	2	3	21
ZZ35756		10	<1	0.08	10	0.60	681	2	0.03	18	530	14	0.02	<2	8	40
ZZ35757		10	<1	0.12	10	0.64	468	2	0.04	10	360	9	0.01	4	9	27
ZZ35758		10	<1	0.11	10	0.53	214	1	0.02	15	310	7	0.01	2	4	20
ZZ35759		10	<1	0.09	10	0.50	606	2	0.02	13	280	10	0.01	2	4	35
ZZ35760		10	<1	0.15	10	0.57	242	1	0.02	10	240	7	0.01	<2	4	26
ZZ35761		10	<1	0.08	10	0.44	194	1	0.02	15	390	9	0.01	<2	3	27
ZZ35762		10	1	0.05	10	0.36	418	2	0.01	10	280	9	0.01	<2	3	24
ZZ35763		10	<1	0.11	10	0.56	598	1	0.03	12	350	12	0.01	2	7	37
ZZ35764		10	1	0.18	10	0.66	380	5	0.05	11	350	10	0.02	4	12	41
ZZ35765		10	<1	0.15	20	0.59	513	2	0.04	9	470	12	0.04	<2	9	59
ZZ35766		10	<1	0.31	20	0.81	377	1	0.06	11	510	10	0.04	3	7	69
ZZ35767		10	<1	0.32	10	0.79	447	2	0.05	9	320	7	0.01	2	8	32
ZZ35768		10	1	0.21	20	0.70	240	1	0.04	9	620	11	0.09	<2	6	61
ZZ35769		10	<1	0.17	10	0.63	469	1	0.03	12	400	12	0.02	<2	5	39
ZZ35770		<10	1	0.13	20	0.46	451	1	0.02	8	690	13	0.09	<2	5	64
ZZ35771		10	1	0.31	10	0.60	396	2	0.05	6	540	12	0.06	2	6	65
ZZ35772		10	<1	0.21	10	0.60	438	1	0.03	10	360	12	0.02	2	8	34
ZZ35773		10	<1	0.34	10	0.75	455	2	0.05	8	210	27	0.01	<2	9	33
ZZ35774		<10	<1	0.11	10	0.42	187	1	0.02	8	250	8	0.01	3	4	24
ZZ35775		10	<1	0.56	10	1.17	495	1	0.06	10	210	13	0.01	2	10	35
ZZ35776		10	<1	0.22	10	0.57	229	1	0.02	8	140	9	0.01	<2	4	18
ZZ35777		10	1	0.30	30	0.61	783	2	0.03	6	320	40	0.01	<2	7	32
ZZ35778		10	1	0.33	10	0.64	413	1	0.03	5	340	15	0.01	2	6	28
ZZ35779		<10	<1	0.11	10	0.52	275	2	0.03	9	430	10	0.03	2	6	33
ZZ35780		<10	<1	0.13	20	0.47	334	2	0.02	10	390	15	0.01	3	6	23



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Project: KLAZA - Soil

**CERTIFICATE OF ANALYSIS WH12213449**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ35741		<20	0.06	<10	<10	60	<10	52
ZZ35742		<20	0.01	<10	<10	87	<10	71
ZZ35743		<20	0.05	<10	<10	53	<10	49
ZZ35744		<20	0.04	<10	<10	53	<10	41
ZZ35745		<20	0.07	<10	<10	53	<10	43
ZZ35746		<20	0.07	<10	<10	61	<10	45
ZZ35747		<20	0.10	<10	<10	79	<10	61
ZZ35748		<20	0.06	<10	<10	90	<10	77
ZZ35749		<20	0.04	<10	<10	56	<10	44
ZZ35750		<20	0.06	<10	<10	62	<10	56
ZZ35751		<20	0.18	<10	<10	135	<10	97
ZZ35752		<20	0.20	<10	<10	104	<10	69
ZZ35753		<20	0.19	<10	<10	81	<10	54
ZZ35754		<20	0.09	<10	<10	60	<10	39
ZZ35755		<20	0.10	<10	<10	59	<10	36
ZZ35756		<20	0.07	<10	<10	87	<10	68
ZZ35757		<20	0.07	<10	<10	76	<10	54
ZZ35758		<20	0.10	<10	<10	67	<10	39
ZZ35759		<20	0.09	<10	<10	65	<10	47
ZZ35760		<20	0.07	<10	<10	77	<10	35
ZZ35761		<20	0.08	<10	<10	61	<10	37
ZZ35762		<20	0.08	<10	<10	65	<10	44
ZZ35763		<20	0.07	<10	<10	75	<10	58
ZZ35764		<20	0.07	<10	<10	81	<10	51
ZZ35765		<20	0.06	<10	<10	66	<10	55
ZZ35766		<20	0.11	<10	<10	78	<10	59
ZZ35767		<20	0.13	<10	<10	79	<10	56
ZZ35768		<20	0.09	<10	<10	64	<10	65
ZZ35769		<20	0.09	<10	<10	65	<10	51
ZZ35770		<20	0.06	<10	<10	52	<10	72
ZZ35771		<20	0.09	<10	<10	56	<10	58
ZZ35772		<20	0.07	<10	<10	64	<10	55
ZZ35773		<20	0.11	<10	<10	81	<10	70
ZZ35774		<20	0.06	<10	<10	59	<10	35
ZZ35775		<20	0.18	<10	<10	95	<10	59
ZZ35776		<20	0.08	<10	<10	65	<10	37
ZZ35777		<20	0.06	<10	<10	65	<10	60
ZZ35778		<20	0.08	<10	<10	63	<10	49
ZZ35779		<20	0.05	<10	<10	63	<10	45
ZZ35780		<20	0.05	<10	<10	61	<10	49





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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC89021		0.47	<0.005	<0.2	1.13	5	<10	220	<0.5	<2	0.48	<0.5	5	20	10	1.60
CC89022		0.47	0.005	<0.2	0.64	4	<10	130	<0.5	<2	0.34	<0.5	3	11	5	1.04
CC89023		0.39	<0.005	<0.2	1.01	9	<10	200	<0.5	<2	0.46	<0.5	5	18	11	1.60
CC89024		0.37	<0.005	<0.2	0.81	6	<10	150	<0.5	<2	0.43	<0.5	3	14	10	1.10
CC89025		0.30	<0.005	0.3	1.06	10	<10	770	0.5	<2	1.78	0.7	16	25	37	2.76
CC89026		0.24	<0.005	0.3	1.36	4	<10	470	0.6	<2	0.77	<0.5	5	28	35	1.63
CC89027		0.65	<0.005	<0.2	1.39	9	<10	300	<0.5	<2	0.65	<0.5	11	32	22	2.65
CC89028		0.34	<0.005	<0.2	1.33	6	<10	200	<0.5	<2	0.71	<0.5	9	27	11	2.32
CC89029		0.10	<0.005	<0.2	1.34	5	<10	200	<0.5	2	0.46	<0.5	7	33	20	1.88
CC89030		0.50	0.009	0.2	1.45	8	<10	240	0.5	<2	0.68	<0.5	10	37	31	2.52
CC89031		0.41	<0.005	0.2	1.64	8	<10	320	0.6	<2	0.58	<0.5	10	30	32	3.09
CC89032		0.24	<0.005	<0.2	1.68	6	<10	190	<0.5	<2	0.56	<0.5	9	38	15	2.53
CC89033		0.35	<0.005	<0.2	2.27	11	<10	240	0.7	<2	0.89	0.5	11	42	67	3.09
CC89034		0.48	<0.005	<0.2	1.98	11	<10	210	<0.5	<2	0.48	<0.5	9	32	16	2.80
CC89035		0.14	<0.005	<0.2	1.22	6	<10	310	<0.5	<2	0.91	<0.5	8	22	29	1.95
CC89036		0.49	<0.005	<0.2	1.49	9	<10	240	<0.5	<2	0.42	<0.5	6	22	26	2.23
CC89037		0.22	<0.005	<0.2	1.40	10	<10	200	<0.5	<2	0.48	<0.5	6	24	17	2.40
CC89038		0.38	<0.005	<0.2	1.25	11	<10	180	<0.5	<2	0.47	<0.5	7	24	15	2.32
CC89039		0.31	<0.005	<0.2	1.17	6	<10	190	<0.5	<2	0.47	<0.5	6	21	12	1.98
CC89040		0.21	<0.005	<0.2	1.40	10	<10	320	<0.5	<2	0.56	<0.5	8	22	17	2.62
CC89041		0.33	0.006	0.2	1.04	2	<10	150	<0.5	<2	0.40	<0.5	5	17	18	1.67
CC89042		0.50	0.010	0.6	1.85	16	<10	340	0.8	<2	0.64	<0.5	6	27	48	3.66
CC89043		0.41	<0.005	<0.2	1.36	9	<10	160	<0.5	<2	0.55	<0.5	7	24	16	2.44
CC89044		0.28	<0.005	<0.2	0.91	9	<10	170	<0.5	<2	0.51	<0.5	5	16	23	1.75
CC89045		0.28	0.005	0.3	1.22	13	<10	210	<0.5	<2	0.37	<0.5	7	23	22	2.37
CC89046		0.34	0.009	0.2	1.19	23	<10	240	0.5	<2	0.40	<0.5	8	30	32	3.37
CC89047		0.47	0.011	0.9	1.88	20	<10	540	0.8	<2	0.99	<0.5	9	27	45	2.96
CC89048		0.35	0.032	0.4	1.01	34	<10	200	0.5	<2	0.51	<0.5	8	22	42	3.14
CC89049		0.58	0.006	0.3	1.35	13	<10	240	<0.5	<2	0.46	<0.5	7	23	24	2.49
CC89050		0.68	0.008	0.2	1.64	11	<10	300	<0.5	<2	0.44	<0.5	7	26	21	2.20
CC89401		0.48	0.015	<0.2	1.59	16	<10	230	<0.5	<2	0.43	<0.5	6	25	16	2.13
CC89402		0.30	<0.005	<0.2	1.28	16	<10	190	<0.5	<2	0.52	<0.5	9	25	14	2.17
CC89203		0.28	<0.005	0.3	1.54	11	<10	150	0.7	2	0.06	<0.5	11	17	18	3.83
CC89204		0.27	<0.005	<0.2	1.68	23	<10	250	1.0	<2	0.06	<0.5	11	12	18	3.43
CC89205		0.33	<0.005	<0.2	0.68	11	<10	260	<0.5	<2	0.06	<0.5	5	9	6	2.52
CC89019		0.26	<0.005	<0.2	1.36	9	<10	370	0.5	<2	1.10	<0.5	10	32	39	2.34
CC89020		0.36	<0.005	<0.2	1.59	7	<10	190	<0.5	<2	0.52	<0.5	9	33	20	2.45
CC89062		0.43	0.010	<0.2	1.77	14	<10	220	0.5	<2	0.44	<0.5	11	38	20	3.15
CC89063		0.20	<0.005	<0.2	1.24	8	<10	280	<0.5	<2	0.78	<0.5	8	31	30	1.86



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**CERTIFICATE OF ANALYSIS WH12213449**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
CC89021		<10	<1	0.05	10	0.36	196	1	0.02	10	760	8	0.05	<2	3	29
CC89022		<10	<1	0.04	10	0.22	96	1	0.02	5	610	6	0.02	<2	2	22
CC89023		<10	<1	0.05	10	0.33	242	1	0.02	9	670	7	0.03	2	3	34
CC89024		<10	1	0.04	10	0.26	113	1	0.02	7	620	6	0.02	2	2	21
CC89025		<10	1	0.03	10	0.24	763	2	0.03	18	1380	8	0.23	<2	3	93
CC89026		<10	<1	0.07	30	0.40	186	<1	0.03	12	520	11	0.10	<2	6	39
CC89027		<10	<1	0.08	20	0.55	1215	1	0.03	15	750	11	0.03	<2	5	31
CC89028		<10	<1	0.07	10	0.51	350	<1	0.03	10	660	8	0.02	<2	4	36
CC89029		<10	<1	0.08	20	0.49	217	<1	0.03	11	590	9	0.02	<2	6	24
CC89030		10	1	0.09	20	0.57	514	1	0.03	20	790	10	0.03	<2	7	35
CC89031		10	<1	0.10	20	0.67	371	1	0.03	14	710	13	0.02	<2	7	30
CC89032		10	<1	0.07	10	0.82	441	<1	0.04	12	490	6	0.02	<2	5	42
CC89033		10	<1	0.10	60	1.11	604	<1	0.04	12	690	43	0.06	<2	16	35
CC89034		10	1	0.09	10	0.69	368	1	0.03	14	260	7	0.01	<2	5	30
CC89035		<10	<1	0.04	20	0.40	471	<1	0.03	10	870	8	0.05	2	4	46
CC89036		10	<1	0.06	10	0.34	224	1	0.03	11	300	8	0.01	<2	3	29
CC89037		10	<1	0.09	10	0.44	314	1	0.03	11	350	9	0.01	<2	4	26
CC89038		<10	<1	0.08	10	0.55	277	1	0.03	11	570	15	0.01	<2	4	25
CC89039		<10	<1	0.06	10	0.40	221	1	0.03	9	640	7	0.02	<2	3	25
CC89040		<10	<1	0.08	10	0.50	236	1	0.04	9	760	11	0.02	<2	4	32
CC89041		<10	<1	0.09	10	0.43	170	<1	0.04	5	660	16	0.01	<2	3	21
CC89042		10	<1	0.10	20	0.43	236	1	0.03	13	730	17	0.05	<2	7	34
CC89043		10	<1	0.10	10	0.60	255	1	0.03	9	990	14	0.01	<2	4	25
CC89044		<10	1	0.07	10	0.30	276	1	0.04	9	480	10	0.03	<2	2	28
CC89045		<10	<1	0.07	10	0.43	348	1	0.03	10	290	13	0.01	<2	4	21
CC89046		<10	<1	0.09	10	0.52	422	1	0.02	12	460	21	0.01	3	6	25
CC89047		10	<1	0.09	30	0.40	403	1	0.04	15	970	19	0.06	<2	7	53
CC89048		<10	<1	0.09	10	0.44	480	2	0.04	8	860	25	0.02	3	5	29
CC89049		<10	<1	0.08	20	0.45	354	1	0.03	10	540	13	0.02	<2	4	29
CC89050		10	<1	0.08	20	0.49	260	1	0.02	11	410	16	0.02	<2	5	26
CC89401		10	<1	0.08	10	0.48	205	1	0.03	12	400	9	0.01	<2	5	29
CC89402		<10	<1	0.07	10	0.43	596	1	0.03	11	470	9	0.02	2	4	34
CC89203		<10	<1	0.10	10	0.16	490	2	0.02	8	360	22	0.07	2	4	15
CC89204		10	<1	0.22	30	0.33	1085	2	0.02	4	360	14	0.02	3	5	9
CC89205		<10	1	0.15	10	0.10	343	4	0.03	3	480	18	0.25	2	2	23
CC89019		10	<1	0.06	10	0.49	485	1	0.03	14	770	10	0.09	2	6	57
CC89020		10	<1	0.05	10	0.59	298	1	0.03	12	630	10	0.01	<2	5	28
CC89062		10	1	0.06	20	0.70	266	1	0.03	14	640	9	0.01	<2	7	24
CC89063		<10	<1	0.04	10	0.51	251	2	0.04	10	710	13	0.08	<2	5	41



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**CERTIFICATE OF ANALYSIS WH12213449**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
CC89021		<20	0.05	<10	<10	40	<10	57
CC89022		<20	0.04	<10	<10	25	<10	33
CC89023		<20	0.06	<10	<10	37	<10	42
CC89024		<20	0.04	<10	<10	29	<10	35
CC89025		<20	0.04	<10	<10	44	<10	47
CC89026		<20	0.06	<10	<10	52	<10	48
CC89027		<20	0.07	<10	<10	58	<10	63
CC89028		<20	0.07	<10	<10	53	<10	51
CC89029		<20	0.07	<10	<10	62	<10	50
CC89030		<20	0.07	<10	<10	66	<10	61
CC89031		<20	0.08	<10	<10	72	<10	67
CC89032		<20	0.09	<10	<10	68	<10	53
CC89033		<20	0.01	<10	10	84	<10	74
CC89034		<20	0.07	<10	<10	66	<10	57
CC89035		<20	0.03	<10	<10	43	<10	30
CC89036		<20	0.07	<10	<10	52	<10	43
CC89037		<20	0.07	<10	<10	56	<10	51
CC89038		<20	0.08	<10	<10	60	<10	64
CC89039		<20	0.07	<10	<10	47	<10	42
CC89040		<20	0.08	<10	<10	58	<10	57
CC89041		<20	0.08	<10	<10	48	<10	62
CC89042		<20	0.06	<10	<10	89	<10	66
CC89043		<20	0.10	<10	<10	68	<10	89
CC89044		<20	0.04	<10	<10	39	<10	46
CC89045		<20	0.06	<10	<10	52	<10	57
CC89046		<20	0.06	<10	<10	75	<10	89
CC89047		<20	0.04	<10	<10	56	<10	63
CC89048		<20	0.07	<10	<10	68	<10	91
CC89049		<20	0.06	<10	<10	52	<10	55
CC89050		<20	0.07	<10	<10	59	<10	66
CC89401		<20	0.06	<10	<10	50	<10	46
CC89402		<20	0.06	<10	<10	52	<10	46
CC89203		<20	0.02	<10	<10	53	<10	63
CC89204		<20	0.02	<10	<10	54	<10	54
CC89205		<20	0.03	<10	<10	43	<10	47
CC89019		<20	0.05	<10	10	55	<10	59
CC89020		<20	0.08	<10	<10	62	<10	49
CC89062		<20	0.07	<10	<10	72	<10	54
CC89063		<20	0.05	<10	10	50	<10	41



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**CERTIFICATE OF ANALYSIS WH12213449**

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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**CERTIFICATE WH12213660**

Project: Klaza - 125

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12213660**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357526		2.75	0.155	1.87	6.88	100.5	390	1.46	2.38	1.31	5.51	56.4	10.0	7	10.35	83.2
M357527		3.07	6.88	>100	3.21	1655	120	0.62	149.0	1.78	65.8	12.05	11.5	6	3.72	4230
M357528		3.07	<0.005	0.16	0.06	5	20	0.07	0.15	19.80	0.14	1.07	1.2	<1	0.17	6.8
M357529		2.32	0.259	2.00	6.08	128.0	300	1.28	3.96	0.72	7.02	40.3	16.5	7	13.70	48.2
M357530		4.71	0.028	0.24	7.33	17.4	1960	1.34	0.84	1.89	0.17	44.0	10.1	9	12.50	24.1
M357531		3.18	0.082	0.97	7.33	65.2	2270	1.36	3.41	1.66	0.85	40.6	7.8	9	12.75	122.5
M357532		3.96	<0.005	0.11	7.43	8.2	2700	1.27	0.44	1.57	0.16	36.6	6.6	9	14.00	11.4
M357533		1.81	<0.005	0.13	7.66	10.0	3190	1.31	0.59	1.50	0.15	38.8	6.7	8	13.60	17.2
M357534		7.33	<0.005	0.11	7.29	46.8	2270	1.36	0.18	2.30	0.15	38.4	8.0	8	12.35	9.2
M357535		5.64	0.019	0.27	7.12	21.1	2120	1.50	1.16	2.54	0.20	42.3	7.6	9	17.00	24.2
M357536		0.26	4.26	>100	5.34	7210	660	1.20	56.0	1.90	220	29.9	9.5	17	10.30	1225
M357537		2.36	0.075	1.08	7.16	379	1800	1.61	0.93	2.71	6.63	44.9	7.3	13	12.20	34.0
M357538		2.50	0.015	0.27	7.70	21.4	2390	1.71	1.34	2.03	0.21	47.1	7.0	9	15.05	18.3
M357539		2.81	9.03	27.7	6.22	472	530	1.38	148.0	1.35	5.77	40.4	7.1	8	10.30	2700
M357540		2.83	0.005	0.04	0.06	<5	20	0.06	0.16	20.0	0.06	0.94	1.4	<1	0.18	5.5
M357541		2.72	0.032	0.28	8.00	12.5	3500	1.49	1.22	0.91	0.15	48.9	5.6	8	10.95	30.5
M357542		5.63	0.034	0.16	8.03	13.3	3170	1.47	1.25	1.15	0.19	54.2	10.4	9	11.00	27.0
M357543		3.33	0.162	0.17	7.27	33.1	230	1.49	1.45	1.76	0.13	62.2	126.0	9	9.19	11.8
M357544		4.85	0.009	0.12	7.45	8.4	2130	1.48	0.80	2.52	0.15	49.4	12.6	9	8.46	20.3
M357545		3.20	0.056	0.65	6.89	34.8	1170	1.59	1.93	2.91	1.84	48.5	21.7	8	10.05	14.7
M357546		3.07	0.059	0.18	7.41	25.3	780	1.42	1.33	1.70	0.54	47.0	51.0	10	8.99	9.1
M357547		5.69	0.018	0.23	7.78	10.5	2690	1.67	0.90	2.16	1.23	51.3	4.0	10	9.95	31.5
M357548		0.26	4.60	>100	5.34	7790	740	1.16	56.3	1.89	218	29.4	9.4	16	9.87	1235
M357549		5.62	0.072	0.42	7.15	26.5	1860	1.94	1.95	2.60	0.33	32.1	6.9	10	11.40	52.2
M357550		2.86	0.140	2.15	7.84	152.5	660	1.69	3.54	1.33	5.16	47.6	9.3	8	15.25	87.6
M357551		3.43	0.531	16.20	6.10	372	280	0.99	20.1	3.17	97.4	13.20	3.0	5	5.04	586
M357552		2.87	0.130	1.42	7.98	88.9	340	1.17	2.80	0.27	20.2	25.6	4.3	10	3.48	23.8
M357553		3.07	0.620	3.34	5.62	188.5	380	1.03	6.70	0.43	5.95	20.5	20.1	12	3.25	23.7
M357554		2.74	0.131	3.32	7.36	143.5	980	1.10	2.50	1.94	14.85	44.2	4.7	11	8.03	188.5
M357555		2.99	0.177	1.99	7.12	156.0	590	1.76	2.46	2.49	4.09	47.5	7.7	9	16.45	71.5
M357556		3.52	0.017	0.21	7.09	16.4	2230	1.70	0.71	2.43	0.29	39.6	5.2	9	15.35	12.3
M357557		3.30	0.168	0.87	7.31	79.8	1120	1.59	0.61	2.24	3.53	49.9	12.1	8	18.65	44.6
M357558		<0.02	0.159	1.03	7.55	78.1	1150	1.63	0.57	2.20	3.53	51.2	12.4	8	18.95	55.3
M357559		3.05	0.045	0.52	6.91	47.6	1180	1.74	0.60	3.34	1.19	45.9	11.1	6	26.4	16.5
M357560		3.02	3.94	18.20	6.44	843	500	1.62	17.35	2.14	14.50	39.8	7.4	6	12.20	476
M357561		6.90	0.013	0.41	7.28	30.2	1300	2.22	0.26	2.48	0.65	47.8	5.1	4	20.5	8.9



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**CERTIFICATE OF ANALYSIS WH12213660**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357526		4.19	15.50	0.21	1.1	0.203	3.18	32.5	10.3	0.73	1740	19.80	0.05	3.9	1.9	520
M357527		15.85	9.88	0.24	0.4	2.71	1.43	5.9	8.6	0.69	3520	2.23	0.03	2.2	2.2	220
M357528		0.48	0.35	<0.05	<0.1	0.008	0.02	0.5	0.9	11.95	210	0.14	<0.01	0.3	<0.2	170
M357529		4.37	15.20	0.17	0.8	0.145	2.76	20.5	26.7	0.47	478	2.15	0.05	3.3	2.8	440
M357530		2.86	17.65	0.22	1.1	0.164	3.11	21.5	33.3	0.70	605	2.74	0.08	6.9	2.3	610
M357531		3.19	17.85	0.20	1.1	0.348	2.83	19.4	29.7	0.65	523	27.3	0.08	8.0	2.1	600
M357532		2.83	18.25	0.21	1.1	0.085	2.44	16.9	43.7	0.59	622	7.79	0.08	8.0	2.4	610
M357533		3.00	18.75	0.18	1.0	0.083	2.52	18.2	41.9	0.60	653	10.50	0.08	8.4	2.4	640
M357534		2.88	18.30	0.23	1.1	0.049	2.78	17.6	32.4	0.55	619	7.14	0.63	8.1	2.4	610
M357535		2.83	17.10	0.22	1.1	0.099	2.76	20.9	42.8	0.84	583	1.30	0.73	7.7	2.3	560
M357536		7.92	13.55	0.20	1.1	4.54	2.24	14.7	24.4	0.60	2950	14.95	0.08	5.6	13.0	440
M357537		3.10	17.30	0.26	1.1	0.070	2.61	22.0	18.9	0.90	577	0.84	1.35	7.6	2.6	560
M357538		3.44	18.40	0.26	1.1	0.138	3.07	22.9	27.4	0.77	464	2.06	1.20	8.6	2.7	630
M357539		8.85	15.20	0.27	0.9	0.709	2.71	20.3	12.7	0.67	668	4.09	0.06	5.9	2.8	490
M357540		0.48	0.41	0.05	<0.1	0.005	0.03	0.5	0.8	12.10	210	0.10	0.01	0.3	<0.2	170
M357541		2.79	18.35	0.21	1.1	0.095	3.09	24.8	28.7	0.46	552	2.18	0.11	7.9	2.5	630
M357542		2.56	18.00	0.19	1.1	0.109	2.60	27.6	42.4	0.46	536	3.22	0.09	8.6	3.5	660
M357543		5.85	17.25	0.27	0.9	0.122	2.93	33.8	17.4	0.75	355	5.02	1.32	7.3	8.9	630
M357544		2.87	18.65	0.27	1.0	0.123	2.74	24.4	19.3	0.70	347	2.11	1.56	7.8	2.5	590
M357545		3.09	16.65	0.24	0.9	0.099	2.85	25.6	13.4	0.93	594	2.32	0.96	5.7	3.6	580
M357546		2.30	17.75	0.23	0.9	0.078	3.36	25.0	13.3	0.63	225	3.33	0.38	6.2	4.2	570
M357547		3.07	19.70	0.26	1.1	0.082	3.24	25.0	19.1	0.66	369	5.35	1.36	9.0	2.6	670
M357548		7.85	13.50	0.20	1.1	4.40	2.26	14.4	25.7	0.60	2930	14.55	0.08	5.5	13.2	450
M357549		2.25	17.50	0.21	1.2	0.084	3.31	15.0	33.0	0.68	421	7.17	0.50	7.9	2.3	610
M357550		3.91	19.05	0.24	1.0	0.226	3.65	25.7	10.1	0.66	1030	9.32	0.05	6.8	2.8	620
M357551		6.14	13.70	0.18	0.8	1.685	2.96	7.1	12.2	1.40	2480	59.9	0.04	3.8	0.8	470
M357552		3.64	20.8	0.21	1.0	0.454	3.91	12.1	8.9	0.32	162	23.5	0.07	5.8	1.3	640
M357553		7.36	13.55	0.24	0.7	0.137	2.68	9.7	8.7	0.28	212	103.0	0.05	3.3	1.9	420
M357554		2.75	17.00	0.23	1.0	0.202	3.60	22.9	13.1	0.85	2420	16.75	0.06	6.4	2.6	550
M357555		3.73	16.95	0.26	0.9	0.128	2.83	24.0	59.1	0.87	1640	43.8	0.05	7.6	2.8	590
M357556		3.18	17.50	0.27	1.0	0.067	2.76	18.8	59.1	0.69	480	4.60	0.73	8.0	2.3	610
M357557		2.43	17.45	0.25	1.0	0.064	3.24	25.2	16.3	0.80	1620	1.61	0.07	7.7	3.3	590
M357558		2.47	18.00	0.24	1.0	0.068	3.34	25.9	16.5	0.80	1640	1.40	0.07	7.8	3.3	620
M357559		2.79	16.10	0.23	0.9	0.072	2.42	23.5	59.7	0.98	1050	4.02	0.06	7.4	2.5	600
M357560		6.34	17.20	0.26	1.0	0.661	2.88	19.3	17.6	0.93	1780	2.42	0.05	6.4	2.8	550
M357561		2.52	19.75	0.25	2.2	0.034	2.67	21.8	54.1	0.74	694	1.60	0.14	9.1	1.9	870



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Account: ROCKHA

Project: Klaza - 125

**CERTIFICATE OF ANALYSIS WH12213660**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357526		190.5	214	<0.002	3.20	15.50	9.3	1	5.5	55.7	0.34	0.65	16.5	0.131	3.00	4.8
M357527		1495	85.2	0.002	>10.0	348	3.8	2	17.6	80.6	0.17	1.22	5.1	0.068	0.96	7.5
M357528		3.5	1.4	<0.002	0.02	0.52	0.2	1	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
M357529		148.5	165.5	<0.002	4.19	18.90	8.8	1	9.8	49.6	0.27	0.59	9.7	0.119	1.97	4.0
M357530		18.3	130.5	<0.002	0.80	8.21	11.0	1	2.6	104.0	0.57	0.09	12.8	0.225	2.04	3.4
M357531		76.0	109.5	0.003	1.00	18.05	11.4	1	2.9	90.7	0.67	0.12	13.8	0.240	1.55	4.2
M357532		12.7	84.1	<0.002	0.12	8.15	12.0	1	1.6	99.2	0.57	<0.05	11.4	0.249	1.09	2.7
M357533		13.0	88.1	<0.002	0.11	7.85	12.6	1	2.2	101.5	0.60	<0.05	12.5	0.262	1.12	3.0
M357534		17.1	91.6	<0.002	0.08	5.83	11.3	1	1.8	177.0	0.59	<0.05	11.1	0.257	1.13	2.7
M357535		16.8	106.5	<0.002	0.28	8.53	10.8	1	1.9	211	0.62	0.09	12.7	0.231	1.47	4.3
M357536		9550	138.0	<0.002	6.76	212	7.4	3	8.1	121.5	0.42	0.48	9.3	0.174	2.07	5.8
M357537		383	118.0	<0.002	0.62	13.45	11.3	1	2.2	267	0.61	0.07	14.1	0.232	1.41	5.1
M357538		18.5	134.0	<0.002	0.33	6.27	12.4	1	2.5	241	0.71	0.12	14.6	0.261	1.75	4.1
M357539		213	166.0	<0.002	7.81	150.0	9.9	2	9.3	55.8	0.48	1.27	11.9	0.193	1.73	4.4
M357540		1.4	1.4	<0.002	0.01	0.26	0.3	1	<0.2	40.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357541		10.2	154.0	<0.002	0.23	23.8	12.4	1	1.9	88.1	0.69	0.05	14.2	0.262	1.84	3.5
M357542		16.5	116.5	<0.002	0.37	12.40	12.3	1	2.1	105.5	0.68	0.09	14.0	0.263	1.30	4.5
M357543		14.9	140.5	<0.002	4.24	3.00	10.9	3	2.8	210	0.57	0.54	12.7	0.225	1.67	4.1
M357544		17.7	104.0	<0.002	0.23	2.91	11.2	1	1.9	289	0.59	0.05	12.7	0.247	1.40	3.4
M357545		103.5	144.5	<0.002	1.64	3.51	10.6	1	3.7	196.0	0.49	0.33	11.2	0.202	2.38	4.3
M357546		23.5	170.5	<0.002	1.39	23.2	11.0	1	3.1	129.0	0.46	0.33	13.2	0.201	2.04	4.9
M357547		72.5	139.0	<0.002	0.24	5.73	13.1	1	2.1	264	0.70	0.10	13.8	0.259	1.76	5.1
M357548		9530	136.0	<0.002	6.78	212	7.3	3	7.8	119.5	0.42	0.47	9.4	0.175	2.03	5.8
M357549		22.1	157.0	<0.002	0.52	6.66	11.5	1	2.8	185.0	0.68	0.28	13.5	0.227	2.63	4.9
M357550		180.5	241	<0.002	2.45	11.45	11.8	1	7.4	60.6	0.50	0.37	16.8	0.213	3.36	5.8
M357551		953	221	0.003	5.91	53.0	7.8	2	9.1	47.4	0.29	0.31	10.8	0.118	2.33	3.7
M357552		390	202	0.003	3.57	9.50	10.2	1	13.7	15.6	0.44	0.46	13.4	0.178	2.23	4.2
M357553		218	141.0	0.009	7.84	23.2	6.9	2	7.7	16.3	0.22	1.81	8.4	0.109	1.54	3.7
M357554		295	215	<0.002	1.68	23.4	11.1	1	4.4	47.7	0.47	0.12	14.5	0.212	2.61	3.9
M357555		233	138.0	0.002	1.78	13.35	11.5	1	3.1	147.5	0.56	0.16	14.0	0.240	2.55	4.8
M357556		22.0	95.2	<0.002	0.18	6.29	11.5	1	1.6	246	0.62	0.10	11.9	0.252	1.53	3.5
M357557		106.0	153.5	<0.002	0.67	18.40	11.4	1	1.7	102.0	0.58	0.06	12.4	0.245	2.46	5.1
M357558		103.5	163.0	<0.002	0.64	20.1	11.8	1	1.7	103.0	0.57	0.05	12.8	0.248	2.45	5.1
M357559		48.7	104.0	<0.002	0.45	10.15	10.9	1	1.9	164.0	0.54	0.12	12.7	0.240	1.73	5.6
M357560		923	201	<0.002	6.07	36.4	8.8	1	11.5	74.3	0.43	0.15	9.9	0.203	2.34	3.1
M357561		95.2	91.1	<0.002	0.14	3.87	5.6	1	1.5	227	0.65	<0.05	8.4	0.283	1.69	4.2





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Project: Klaza - 125

**CERTIFICATE OF ANALYSIS WH12213660**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M357526		57	3.6	8.8	461	26.8	1	
M357527		29	6.7	5.0	4320	10.6	116	
M357528		2	0.1	0.8	22	<0.5	<1	
M357529		55	4.9	7.3	620	20.3	2	
M357530		70	3.4	12.9	41	26.9	<1	
M357531		70	10.0	13.8	94	28.0	<1	
M357532		69	10.8	14.3	41	27.1	<1	
M357533		74	12.6	14.7	41	27.2	<1	
M357534		71	4.2	14.5	40	27.5	<1	
M357535		64	3.8	14.6	46	28.9	<1	
M357536		51	4.4	9.4	>10000	32.2	122	1.630
M357537		66	1.5	15.6	623	27.4	1	
M357538		73	2.0	15.8	43	28.4	<1	
M357539		62	3.9	12.1	384	20.9	29	
M357540		1	0.1	0.9	14	<0.5	<1	
M357541		72	3.6	15.2	38	25.5	<1	
M357542		65	5.3	16.8	37	27.2	<1	
M357543		69	1.6	15.7	30	23.5	<1	
M357544		70	1.9	14.7	29	24.7	<1	
M357545		68	2.3	14.5	154	23.0	<1	
M357546		74	6.1	10.4	54	23.4	<1	
M357547		76	2.4	19.2	133	30.5	<1	
M357548		51	4.2	9.1	>10000	32.3	112	1.520
M357549		68	1.6	11.8	46	30.7	1	
M357550		66	8.4	11.4	445	24.7	2	
M357551		40	10.2	5.3	7850	18.8	18	
M357552		63	16.2	5.4	1530	25.2	1	
M357553		48	9.5	6.7	437	18.0	4	
M357554		64	13.9	10.5	1180	26.0	4	
M357555		69	8.1	13.8	329	23.9	3	
M357556		70	2.4	13.9	51	25.7	<1	
M357557		70	6.7	13.3	326	25.6	1	
M357558		70	6.8	13.8	327	26.4	1	
M357559		67	2.7	14.5	141	24.2	<1	
M357560		55	7.2	9.4	1180	30.0	20	
M357561		45	1.1	11.0	135	67.9	<1	



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**CERTIFICATE OF ANALYSIS WH12213660**

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



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**CERTIFICATE WH12213661**

Project: Klaza-125

P.O. No.: Batch 6

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-125

**CERTIFICATE OF ANALYSIS WH12213661**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357598		4.68	<0.005	0.24	7.51	107.5	2340	1.57	0.51	2.86	0.61	41.2	7.3	9	10.30	14.3
M357599		5.76	0.012	0.15	7.30	25.3	2310	1.75	0.71	3.24	0.13	48.5	7.0	10	12.05	11.9
M357600		2.85	0.220	0.17	7.31	17.2	2040	1.57	0.81	2.89	0.12	46.1	7.1	9	14.25	18.3
M357601		3.05	2.49	3.33	7.06	114.0	710	1.46	36.3	1.81	5.53	51.9	7.4	6	7.96	302
M357602		2.06	0.009	0.21	6.74	19.2	2060	1.64	0.82	2.80	0.11	38.9	6.5	8	10.90	13.0
M357603		<0.02	0.009	0.18	7.16	15.2	2080	1.55	0.77	2.82	0.09	45.9	6.4	8	11.10	13.7
M357604		6.55	0.021	0.21	6.88	18.0	2120	1.72	1.97	2.89	0.11	44.0	6.0	8	11.05	13.9
M357605		2.74	4.96	5.95	6.86	67.7	1040	1.50	35.7	1.69	0.39	44.4	21.7	7	11.60	678
M357606		2.80	0.728	18.10	6.64	792	1240	1.33	14.50	1.90	6.71	48.5	5.9	7	11.95	824
M357607		2.41	<0.005	0.04	0.09	<5	320	0.05	0.12	20.7	0.07	1.19	0.8	<1	0.31	5.3
M357608		5.99	0.018	0.46	6.86	28.7	2200	1.54	0.92	2.99	0.28	48.3	7.3	7	9.21	32.6
M357609		7.88	0.007	0.20	7.44	13.0	2240	1.65	0.60	2.57	0.15	45.3	8.6	9	11.50	20.3
M357610		6.56	0.013	0.28	7.66	14.4	2330	1.63	0.85	2.46	0.11	51.1	8.5	7	15.05	50.2
M357611		2.90	0.016	0.24	7.72	19.3	1940	1.70	1.31	2.11	0.33	55.2	15.5	7	8.63	9.6
M357612		2.56	0.023	0.46	7.92	16.8	1370	1.58	1.40	1.05	0.36	53.7	44.0	8	8.69	6.1
M357613		4.96	0.010	0.23	7.56	10.2	2060	1.67	0.83	2.37	0.16	39.7	7.8	8	9.66	19.2
M357614		0.26	2.36	26.3	5.93	3430	1060	1.30	18.70	2.31	80.1	45.1	10.8	18	13.65	455
M357615		6.73	0.009	0.56	7.19	38.1	2200	2.01	1.36	2.52	0.65	38.5	12.4	8	8.08	12.9
M357616		8.32	0.005	0.15	7.40	10.5	2130	1.63	0.49	2.13	0.21	51.6	4.6	8	9.11	9.4
M357617		6.67	0.014	0.19	7.42	15.2	2040	1.49	1.02	2.29	0.12	45.3	12.0	11	7.77	25.9
M357618		2.89	0.268	14.00	6.41	112.5	780	1.50	14.90	2.12	0.29	64.7	119.5	7	6.99	74.3
M357619		3.53	<0.005	0.10	0.09	<5	40	<0.05	0.14	20.7	0.06	1.67	1.3	<1	0.35	3.8
M357620		2.94	0.006	0.23	7.20	14.1	2490	1.67	0.81	3.01	0.30	45.0	6.8	14	11.20	23.4
M357621		4.11	0.010	0.14	7.60	11.1	2620	1.65	0.81	3.04	0.11	56.3	11.7	10	7.70	14.1
M357622		2.88	0.866	0.32	6.98	51.8	310	1.37	1.27	2.53	0.28	56.1	91.9	8	7.94	30.6
M357623		3.74	0.026	0.11	7.62	4.8	2450	1.71	0.65	2.68	0.09	52.9	7.1	14	7.01	9.2
M357624		2.70	0.037	0.31	7.22	35.3	310	1.37	3.59	2.47	0.12	51.5	59.2	8	7.81	17.8



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**CERTIFICATE OF ANALYSIS WH12213661**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357598		3.30	16.90	0.13	1.1	0.084	2.42	19.8	18.3	0.89	536	1.76	2.25	8.1	6.2	680
M357599		2.98	16.80	0.13	1.3	0.084	2.43	23.8	24.8	0.85	523	13.05	2.08	8.2	3.7	680
M357600		3.27	16.05	0.15	1.2	0.049	2.50	22.2	33.6	0.78	491	1.35	1.88	7.9	3.0	610
M357601		5.24	15.80	0.13	1.1	0.133	2.86	26.7	68.2	0.67	500	1.52	0.30	6.0	2.5	550
M357602		2.96	15.75	0.12	1.1	0.069	2.44	18.0	36.2	0.79	548	1.23	1.56	7.7	3.2	600
M357603		2.98	15.50	0.15	1.1	0.072	2.46	23.1	35.6	0.83	544	1.11	1.57	7.6	2.7	610
M357604		2.96	15.45	0.15	1.2	0.051	2.50	21.0	30.5	0.79	543	0.82	1.50	7.9	2.9	610
M357605		3.84	14.75	0.14	1.2	0.282	2.54	22.2	46.0	0.57	618	1.76	0.09	7.5	3.0	550
M357606		4.22	14.60	0.15	1.1	0.584	2.73	23.8	25.4	0.67	1660	4.07	0.09	6.9	2.8	490
M357607		0.48	0.24	0.08	<0.1	0.007	0.04	0.6	1.2	12.40	213	0.11	0.01	0.1	2.2	170
M357608		2.88	14.90	0.15	1.0	0.088	2.25	24.5	82.1	0.90	817	5.05	0.12	7.2	2.4	570
M357609		3.01	16.45	0.17	1.2	0.082	2.67	22.9	19.4	0.89	470	4.52	1.88	8.0	4.0	600
M357610		2.87	16.85	0.15	1.1	0.075	2.81	25.8	23.4	0.76	396	4.05	1.67	8.1	3.2	610
M357611		2.98	17.25	0.15	1.1	0.077	2.74	29.6	55.6	0.78	365	5.51	0.45	7.7	2.2	620
M357612		3.15	16.15	0.13	1.0	0.089	2.67	30.0	26.1	0.53	273	13.80	0.08	6.4	2.9	600
M357613		2.97	16.05	0.12	1.1	0.048	2.51	19.8	26.2	0.83	431	2.54	1.12	7.6	2.4	620
M357614		6.53	14.25	0.14	0.9	1.655	2.67	22.1	25.9	0.93	1920	12.95	0.04	5.8	16.4	450
M357615		2.69	15.00	0.12	0.9	0.099	2.40	19.6	22.1	0.69	634	3.43	0.88	6.3	2.4	570
M357616		2.62	16.35	0.15	1.2	0.069	2.66	25.2	21.5	0.63	387	2.38	1.49	8.5	2.2	590
M357617		2.81	15.50	0.14	1.0	0.090	2.36	22.2	18.5	0.62	498	2.80	1.29	7.2	2.5	610
M357618		8.57	15.10	0.17	0.8	0.260	2.29	39.2	16.3	0.80	656	34.2	0.70	6.1	6.2	530
M357619		0.49	0.33	0.07	<0.1	<0.005	0.03	0.8	1.2	12.40	210	0.28	0.01	0.3	2.0	170
M357620		2.98	16.50	0.12	1.0	0.105	2.37	22.6	20.2	0.86	579	14.45	1.84	8.0	2.9	610
M357621		3.02	16.50	0.18	1.1	0.082	2.30	29.9	15.3	0.92	451	2.28	2.31	8.3	3.1	660
M357622		6.80	14.95	0.15	0.8	0.099	2.69	31.7	13.5	0.88	458	25.7	1.61	7.0	8.8	610
M357623		2.78	16.60	0.15	1.0	0.058	2.34	27.2	12.0	0.94	461	2.08	2.31	8.1	3.1	620
M357624		5.09	15.85	0.17	0.8	0.116	2.39	27.7	18.2	0.74	596	6.58	1.15	7.3	7.4	600



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**CERTIFICATE OF ANALYSIS WH12213661**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357598		69.1	82.1	<0.002	0.22	2.51	11.2	1	2.7	403	0.66	0.05	9.8	0.281	1.17	3.7
M357599		19.1	92.2	<0.002	0.38	2.50	10.2	1	3.0	396	0.66	0.05	10.8	0.271	1.23	3.7
M357600		17.7	93.7	<0.002	0.48	1.95	10.6	1	3.2	348	0.69	<0.05	11.7	0.266	1.29	4.2
M357601		70.8	156.0	0.003	3.03	6.04	10.2	<1	8.5	88.8	0.54	0.30	12.1	0.217	1.68	4.0
M357602		15.9	79.7	<0.002	0.20	2.50	10.1	1	2.8	302	0.68	0.05	9.1	0.256	1.26	3.7
M357603		16.5	97.5	<0.002	0.20	2.43	10.5	<1	2.8	307	0.64	0.08	11.2	0.260	1.32	3.8
M357604		18.5	83.9	<0.002	0.12	3.01	9.6	1	2.2	307	0.69	0.07	11.6	0.265	1.20	4.0
M357605		36.6	108.0	<0.002	1.76	15.00	9.3	1	3.4	98.6	0.67	0.37	11.7	0.222	1.47	4.8
M357606		420	120.0	<0.002	1.88	150.0	8.5	2	3.9	81.9	0.60	0.11	13.3	0.212	1.71	3.9
M357607		2.4	2.2	<0.002	0.01	0.46	0.3	1	<0.2	41.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M357608		23.7	92.6	0.002	0.45	8.80	10.3	2	3.5	191.0	0.63	0.10	10.8	0.244	1.33	4.0
M357609		19.0	104.0	0.003	0.19	2.12	10.9	1	3.0	347	0.81	0.05	11.7	0.269	1.19	4.4
M357610		17.9	114.5	<0.002	0.31	9.65	10.5	1	3.7	339	0.64	0.07	12.9	0.255	1.36	4.2
M357611		30.0	107.5	0.003	1.07	4.64	10.6	1	5.5	177.0	0.71	0.34	12.1	0.251	1.60	4.7
M357612		26.7	137.0	<0.002	1.76	8.11	9.2	1	5.6	50.5	0.63	0.29	13.3	0.235	1.93	5.6
M357613		18.1	86.2	<0.002	0.34	3.62	10.0	1	4.5	222	0.70	0.10	11.5	0.261	1.34	3.9
M357614		2900	161.0	0.004	4.83	89.4	8.1	1	8.1	91.6	0.43	0.37	9.5	0.182	2.46	4.9
M357615		29.5	94.5	<0.002	0.92	4.16	9.6	1	5.3	151.0	0.62	0.28	9.8	0.230	1.66	4.1
M357616		20.8	99.6	0.002	0.09	3.55	10.6	2	3.3	298	0.74	<0.05	13.3	0.258	1.26	4.3
M357617		17.0	88.7	0.002	0.50	3.98	9.4	1	3.8	260	0.72	0.28	11.0	0.259	1.38	3.8
M357618		36.4	132.0	0.006	7.86	3.21	9.9	4	8.4	143.5	0.57	10.10	11.3	0.194	1.69	4.6
M357619		1.8	2.7	<0.002	0.01	0.10	0.3	<1	0.2	45.5	<0.05	0.09	0.2	0.005	0.02	0.6
M357620		33.0	85.4	0.002	0.29	2.24	10.6	1	4.6	345	0.64	0.10	10.6	0.265	1.31	3.8
M357621		15.0	85.0	0.003	0.46	1.29	11.0	1	4.0	411	0.70	0.13	13.0	0.283	1.15	4.6
M357622		22.6	109.5	0.003	5.31	1.33	9.4	3	4.8	303	0.59	0.44	10.8	0.242	1.45	4.2
M357623		14.8	98.9	<0.002	0.08	1.32	11.1	2	3.5	452	0.66	<0.05	12.5	0.267	1.06	4.6
M357624		57.9	97.7	<0.002	3.12	4.06	10.7	4	4.2	250	0.59	1.55	11.2	0.252	1.33	9.1



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**CERTIFICATE OF ANALYSIS WH12213661**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357598		79	2.0	16.2	79	28.2	<1
M357599		73	9.2	15.9	37	37.8	<1
M357600		73	1.5	16.0	39	29.0	<1
M357601		66	3.5	13.7	397	25.9	2
M357602		71	1.3	13.9	39	27.7	<1
M357603		71	1.4	15.1	38	26.5	<1
M357604		71	1.0	14.5	38	32.7	<1
M357605		61	3.6	15.0	51	29.8	6
M357606		57	4.6	13.5	578	25.0	19
M357607		3	0.1	0.8	14	<0.5	<1
M357608		70	9.9	16.0	52	22.0	<1
M357609		74	9.6	15.1	36	27.6	<1
M357610		70	4.8	15.3	34	26.1	<1
M357611		72	1.6	17.3	56	26.9	<1
M357612		77	3.4	14.0	57	22.4	<1
M357613		74	1.9	13.4	42	24.5	<1
M357614		58	5.0	10.2	5500	25.1	25
M357615		71	2.0	10.9	63	23.3	<1
M357616		69	2.5	17.2	34	26.4	<1
M357617		70	2.8	13.4	39	22.1	<1
M357618		63	7.1	13.3	52	20.2	15
M357619		2	0.1	1.0	15	0.6	<1
M357620		74	8.8	15.9	60	23.1	<1
M357621		79	1.1	16.9	34	24.4	<1
M357622		67	1.7	16.6	45	18.7	1
M357623		73	0.8	18.6	29	23.6	<1
M357624		78	2.2	19.8	38	20.4	1



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





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**CERTIFICATE WH12213662**

Project: Klaza - 126

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12213662**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359663		3.42	0.021	0.26	7.78	18.8	3130	1.60	0.70	1.25	0.72	43.2	4.4	7	12.45	33.9
M359664		5.21	0.033	0.19	8.02	10.2	2940	1.66	0.61	1.81	1.73	56.1	7.2	9	11.95	49.0
M359665		3.75	0.019	0.43	8.13	20.4	1680	1.41	2.54	0.53	4.37	55.1	11.9	7	12.95	109.0
M359666		0.26	2.15	25.0	6.18	3360	1000	1.31	19.20	2.22	77.6	43.7	10.7	19	13.70	444
M359667		5.33	0.037	0.66	7.40	34.0	430	1.48	2.22	1.55	0.83	43.5	9.6	7	14.20	31.3
M359668		2.79	0.069	1.05	6.82	72.5	240	1.31	7.10	1.55	1.41	35.2	19.7	7	13.95	122.0
M359669		1.67	0.043	0.57	7.10	30.9	300	1.29	2.97	1.51	0.66	43.4	23.2	6	11.30	52.3
M359670		3.73	0.093	0.62	7.11	42.3	330	1.51	5.56	2.23	0.71	45.8	7.5	7	17.00	86.0
M359671		2.37	0.120	1.00	7.12	29.8	1040	1.51	27.8	2.36	0.47	43.5	5.8	8	14.20	295
M359672		<0.02	0.116	0.63	7.24	28.6	990	1.46	22.8	2.40	0.46	44.8	5.8	11	14.10	290
M359673		4.15	0.324	0.49	7.51	27.0	2090	1.60	7.49	2.26	0.39	52.2	6.7	8	13.90	137.0
M359674		3.17	0.036	0.93	7.17	23.7	350	1.50	3.99	2.65	1.33	44.8	7.2	8	18.20	133.0
M359675		3.22	0.054	0.35	7.32	14.7	910	1.48	1.99	2.89	0.54	44.1	5.5	9	16.25	93.7
M359676		4.07	0.031	0.54	7.88	29.3	300	1.48	2.67	1.32	2.99	49.3	11.8	7	11.15	89.0
M359677		2.43	0.066	0.43	7.38	45.9	220	1.38	2.88	2.21	0.69	41.7	11.1	8	14.25	105.5
M359678		2.78	0.028	0.28	7.55	12.7	370	1.49	1.59	2.10	1.88	43.2	8.3	10	13.00	60.8
M359679		3.16	0.019	0.22	7.41	22.6	2270	1.56	0.60	2.51	2.23	40.1	7.1	8	16.30	45.3
M359680		2.56	0.024	0.25	7.64	11.3	2140	1.55	0.56	2.36	0.89	46.4	7.5	9	11.55	42.6
M359681		1.38	0.021	0.23	7.69	10.4	2110	1.50	0.51	2.44	0.76	44.5	7.0	8	11.95	45.6
M359682		3.00	0.025	0.30	7.75	16.9	830	1.49	0.70	1.90	2.16	46.6	6.0	8	10.90	102.5
M359683		2.21	0.063	0.46	7.08	63.0	490	1.23	0.80	2.63	1.33	41.8	5.3	7	20.0	63.1
M359684		6.22	0.016	0.25	7.55	13.0	2270	1.72	0.43	2.55	0.59	46.1	7.9	8	14.45	46.1
M359685		0.26	2.31	24.6	6.10	3330	860	1.32	19.05	2.22	75.4	43.0	10.5	19	13.45	445
M359686		3.24	0.033	0.26	6.99	23.1	1810	1.41	0.67	3.10	0.46	39.3	8.2	7	21.7	32.6
M359687		2.25	0.041	0.31	7.23	30.7	3130	1.56	0.62	2.64	0.33	41.7	7.4	8	18.20	77.0
M359688		3.07	0.065	0.51	7.41	30.4	670	1.23	1.02	2.40	0.85	43.3	8.8	7	17.60	90.0
M359689		2.81	<0.005	0.01	0.07	<5	20	<0.05	0.02	21.1	0.06	1.04	1.7	<1	0.17	2.0
M359690		2.60	0.171	0.64	7.30	58.8	510	1.34	1.31	2.51	0.44	45.1	6.2	7	17.50	25.2
M359691		4.99	0.245	1.04	6.88	64.6	600	1.30	2.72	1.83	3.24	44.5	8.7	5	15.35	73.6
M359692		4.52	0.122	0.97	6.93	43.2	990	1.25	2.55	2.17	3.30	38.6	6.6	6	12.70	51.0
M359693		3.59	0.037	0.36	7.71	41.3	680	1.44	1.15	2.17	0.31	44.4	5.0	6	18.65	100.0
M359694		4.97	0.078	0.94	7.74	90.0	740	1.62	1.78	2.79	1.15	35.6	5.6	6	18.35	120.5
M359695		2.92	0.799	12.95	6.21	534	690	1.20	15.65	3.29	42.8	36.4	7.0	5	12.75	1005
M359696		3.90	<0.005	0.02	0.07	<5	30	<0.05	0.04	21.3	0.10	1.25	1.7	<1	0.19	3.1
M359697		2.52	0.073	0.61	7.35	30.9	1110	1.51	1.98	2.40	0.63	52.8	6.1	6	18.00	29.8
M359698		3.77	0.134	1.85	7.45	126.5	740	1.52	3.22	1.94	1.62	42.7	4.4	7	15.65	177.0



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**CERTIFICATE OF ANALYSIS WH12213662**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359663		2.42	18.05	0.25	1.1	0.043	2.78	22.8	14.6	0.50	152	6.46	1.40	6.3	2.2	530
M359664		2.74	17.95	0.11	1.1	0.051	2.76	32.3	17.6	0.74	235	0.90	2.08	7.0	2.9	580
M359665		3.24	18.75	0.10	1.2	0.043	3.03	29.3	35.5	0.37	535	1.48	0.15	7.7	2.9	650
M359666		6.79	14.85	0.12	0.9	1.650	2.70	24.2	22.1	0.91	1900	13.00	0.04	5.9	15.6	450
M359667		2.98	17.30	0.12	0.9	0.087	3.20	21.5	12.2	0.89	362	3.01	0.06	4.3	2.5	580
M359668		4.33	19.05	0.13	0.7	0.140	3.23	16.3	8.7	0.92	311	0.80	0.05	4.0	2.9	500
M359669		4.97	16.20	0.15	0.9	0.071	2.90	20.7	14.9	0.76	217	0.40	0.06	4.3	3.3	540
M359670		3.41	18.20	0.12	0.8	0.115	3.06	23.1	20.5	0.84	298	0.66	0.05	4.8	2.2	570
M359671		3.11	16.90	0.11	0.9	0.139	3.04	21.7	10.3	0.61	273	1.66	1.57	6.1	2.0	570
M359672		3.16	16.95	0.11	0.9	0.138	3.08	22.4	10.4	0.62	276	1.41	1.60	6.2	2.3	580
M359673		3.10	16.95	0.12	1.0	0.142	3.06	27.6	14.6	0.72	241	1.04	1.93	6.2	2.2	580
M359674		3.93	16.75	0.13	0.9	0.156	3.21	22.7	23.9	0.80	365	1.81	0.59	6.4	2.2	570
M359675		3.16	17.30	0.13	1.0	0.067	3.06	22.6	9.6	0.68	304	1.57	1.57	6.8	2.5	590
M359676		4.10	15.90	0.14	0.8	0.136	3.77	23.6	8.9	0.79	318	0.81	0.17	3.8	3.0	590
M359677		3.73	15.10	0.14	0.9	0.071	3.43	19.8	22.1	0.71	197	2.05	0.57	4.9	2.4	560
M359678		3.49	15.95	0.13	0.9	0.054	3.06	21.1	14.5	0.68	310	1.08	1.64	6.0	2.9	620
M359679		3.52	16.60	0.13	1.0	0.044	2.93	20.5	17.0	0.74	541	1.13	1.64	7.6	2.8	590
M359680		3.10	16.55	0.13	1.0	0.056	2.84	24.7	14.5	0.78	339	1.38	2.17	7.5	2.5	590
M359681		3.08	16.90	0.12	1.1	0.055	2.83	23.7	14.6	0.80	334	2.10	2.19	7.7	2.6	600
M359682		3.25	16.20	0.13	1.0	0.045	3.10	24.3	11.3	0.70	326	0.95	2.16	6.5	2.3	580
M359683		3.40	15.10	0.14	0.9	0.048	3.05	20.4	18.5	0.96	319	1.61	0.27	6.0	2.5	560
M359684		3.31	17.50	0.12	1.1	0.043	2.92	23.5	20.8	0.79	335	2.08	2.10	8.1	2.7	590
M359685		6.70	14.45	0.15	0.9	1.625	2.69	23.6	23.5	0.90	1880	13.20	0.04	5.8	15.8	440
M359686		3.15	16.30	0.12	1.0	0.053	2.80	19.9	33.4	0.97	362	1.45	1.33	7.1	2.6	570
M359687		2.95	16.75	0.11	1.0	0.038	2.89	21.0	26.8	0.75	290	1.59	1.34	7.0	2.6	600
M359688		3.80	16.30	0.13	1.1	0.038	2.97	22.1	20.6	0.84	473	1.54	0.09	6.8	2.5	610
M359689		0.52	0.51	0.05	<0.1	<0.005	0.03	0.5	0.8	12.70	222	0.58	0.01	0.3	3.3	170
M359690		3.78	15.95	0.13	1.0	0.045	3.01	23.8	18.3	0.98	780	1.33	0.07	5.4	2.7	550
M359691		4.73	16.45	0.13	0.8	0.135	2.91	23.6	11.6	0.86	422	2.12	0.05	4.1	2.8	500
M359692		4.42	15.00	0.15	0.9	0.131	3.17	17.9	14.6	1.04	626	1.16	0.04	3.5	2.4	510
M359693		2.95	17.60	0.13	1.0	0.072	2.89	23.1	25.5	0.77	297	3.20	0.05	6.6	2.5	580
M359694		3.35	16.85	0.13	0.9	0.132	3.28	17.4	9.8	1.16	612	0.85	0.04	6.3	2.0	580
M359695		8.13	15.45	0.17	0.7	2.78	2.78	18.6	6.2	1.39	2500	1.01	0.04	4.7	2.0	460
M359696		0.51	0.49	<0.05	<0.1	0.006	0.03	0.6	0.9	12.75	218	0.10	<0.01	0.3	3.2	390
M359697		4.15	15.55	0.14	0.9	0.080	3.09	26.1	8.5	1.04	432	3.19	0.05	4.1	2.0	540
M359698		3.81	16.75	0.13	0.8	0.172	3.33	22.0	9.2	0.93	752	1.88	0.04	3.8	2.1	540



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**CERTIFICATE OF ANALYSIS WH12213662**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M359663		14.4	128.0	0.004	0.45	2.90	11.0	2	5.7	267	0.50	0.11	13.2	0.211	2.4
M359664		16.7	109.0	<0.002	0.74	2.09	11.3	2	2.8	323	0.60	0.10	14.2	0.231	3.6
M359665		18.4	117.5	<0.002	0.65	7.26	11.9	2	4.5	63.8	0.67	0.16	13.6	0.252	3.4
M359666		2940	167.0	<0.002	4.79	85.8	8.6	2	7.5	91.3	0.45	0.41	11.7	0.179	5.8
M359667		30.1	156.5	0.004	2.60	7.02	12.0	2	6.0	40.0	0.36	0.27	12.8	0.162	3.5
M359668		38.9	171.5	<0.002	4.05	10.85	11.9	2	9.1	33.1	0.33	0.78	11.8	0.141	2.7
M359669		24.3	140.5	<0.002	4.89	8.32	11.3	4	6.9	48.7	0.35	0.47	12.6	0.153	2.8
M359670		24.8	144.5	<0.002	2.84	8.17	11.5	2	5.0	81.6	0.37	0.76	10.6	0.177	4.0
M359671		23.0	126.5	<0.002	1.38	2.37	10.8	2	3.5	454	0.47	1.46	10.1	0.214	3.5
M359672		22.3	126.5	<0.002	1.40	2.30	10.8	2	3.5	455	0.46	0.81	10.3	0.216	3.7
M359673		25.2	120.0	<0.002	1.34	1.95	10.5	2	3.3	869	0.49	0.38	11.7	0.209	3.8
M359674		35.5	118.0	<0.002	2.56	1.86	10.6	4	4.0	183.0	0.51	0.49	10.6	0.213	4.0
M359675		24.5	102.5	<0.002	1.63	1.54	10.4	2	3.3	447	0.54	0.24	10.8	0.228	3.5
M359676		26.6	191.5	<0.002	3.57	2.68	11.1	4	6.5	71.5	0.31	0.39	13.5	0.145	3.5
M359677		28.8	135.5	0.002	3.38	3.32	10.4	6	4.1	218	0.39	0.35	12.1	0.174	3.6
M359678		24.7	114.0	<0.002	2.43	1.07	10.9	3	3.2	385	0.45	0.27	11.8	0.210	3.2
M359679		19.4	99.5	<0.002	1.16	1.75	10.6	2	2.2	318	0.61	0.09	11.7	0.241	3.0
M359680		22.6	97.8	<0.002	0.67	1.22	10.6	2	2.0	346	0.60	0.15	12.7	0.247	3.2
M359681		23.0	96.5	<0.002	0.56	1.32	10.7	2	1.9	353	0.62	0.15	12.5	0.250	3.3
M359682		20.3	118.0	<0.002	1.76	1.20	10.4	2	2.8	325	0.52	0.19	12.5	0.215	3.3
M359683		26.5	117.5	<0.002	2.04	13.35	9.8	2	2.3	146.5	0.48	0.18	12.2	0.203	3.7
M359684		22.6	99.0	<0.002	0.63	2.22	10.6	1	2.0	357	0.69	0.10	12.4	0.247	3.7
M359685		2900	165.5	<0.002	4.72	84.3	8.4	2	7.4	90.2	0.45	0.39	11.4	0.178	5.8
M359686		21.6	98.2	<0.002	0.98	1.85	9.7	2	2.3	281	0.58	0.17	10.6	0.234	3.6
M359687		23.1	110.0	<0.002	0.93	2.78	10.2	2	2.1	351	0.52	0.13	11.1	0.231	3.7
M359688		25.1	106.0	<0.002	2.01	9.77	10.8	3	3.4	97.4	0.54	0.24	11.7	0.231	4.7
M359689		1.2	1.3	<0.002	0.01	<0.05	0.4	2	<0.2	39.3	<0.05	<0.05	<0.2	<0.005	0.5
M359690		39.4	144.0	<0.002	2.49	3.68	10.2	2	4.0	90.8	0.45	0.31	13.8	0.190	5.0
M359691		92.0	158.5	0.002	4.17	8.47	10.2	2	7.9	78.0	0.32	0.57	12.9	0.146	3.4
M359692		91.1	161.0	<0.002	3.95	9.25	9.6	2	7.0	62.1	0.33	0.57	12.5	0.130	3.1
M359693		17.4	111.0	<0.002	1.86	13.50	10.5	2	4.2	87.9	0.58	0.19	13.2	0.218	3.4
M359694		53.4	162.0	<0.002	2.32	11.30	10.3	2	5.2	70.6	0.52	0.37	13.8	0.212	4.3
M359695		350	142.0	<0.002	7.92	42.9	8.3	3	11.1	67.2	0.40	0.95	11.5	0.164	3.6
M359696		1.7	1.5	<0.002	0.02	0.12	0.4	2	<0.2	47.0	<0.05	<0.05	0.2	<0.005	0.8
M359697		46.6	151.5	0.003	3.48	5.38	10.7	2	4.2	83.7	0.33	0.49	12.9	0.158	3.6
M359698		55.8	190.5	0.002	3.20	13.25	9.9	2	6.0	61.7	0.32	0.47	12.8	0.146	3.1



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359663		68	2.3	12.1	68	26.5	<1
M359664		70	1.4	14.6	92	27.5	<1
M359665		72	3.2	16.8	445	28.7	1
M359666		57	4.9	10.0	5510	26.1	25
M359667		67	3.6	11.9	81	21.9	1
M359668		70	5.1	12.0	103	18.5	1
M359669		65	3.5	12.2	59	21.1	1
M359670		67	4.7	13.4	77	21.2	1
M359671		68	2.5	12.3	84	22.7	1
M359672		68	2.6	12.4	83	22.1	1
M359673		65	1.3	12.9	64	24.3	1
M359674		67	1.8	13.5	121	23.4	1
M359675		68	1.5	12.3	79	24.9	1
M359676		69	3.0	13.9	210	20.9	<1
M359677		67	2.3	12.7	72	23.9	<1
M359678		69	1.6	13.7	164	23.9	1
M359679		68	1.3	12.8	229	26.5	<1
M359680		68	1.0	13.2	109	25.5	<1
M359681		68	1.1	13.3	94	26.0	1
M359682		66	1.5	12.8	194	25.3	1
M359683		62	2.1	12.0	93	24.0	1
M359684		70	1.2	13.7	91	27.9	<1
M359685		57	5.0	9.8	5540	25.4	25
M359686		65	2.9	11.9	73	26.2	1
M359687		67	1.9	11.6	63	26.8	<1
M359688		70	3.7	12.3	125	27.2	<1
M359689		1	0.1	0.7	15	<0.5	<1
M359690		64	2.9	13.0	77	25.4	1
M359691		60	3.7	11.4	263	20.6	1
M359692		59	4.2	11.5	304	20.9	1
M359693		66	2.5	13.0	72	25.6	1
M359694		64	3.8	13.2	131	22.0	1
M359695		54	6.0	10.8	3440	18.5	14
M359696		2	0.1	0.9	18	0.8	<1
M359697		63	3.1	13.5	95	20.9	1
M359698		59	3.7	11.6	170	19.2	2



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**CERTIFICATE OF ANALYSIS WH12213662**

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



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**CERTIFICATE WH12213663**

Project: Klaza - 126

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12213663**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359735		3.86	0.032	0.80	7.52	23.0	1380	1.48	0.71	1.59	1.65	47.7	12.0	14	8.91	114.5
M359736		2.77	0.026	0.52	7.42	9.9	2460	1.63	0.65	2.64	0.52	43.8	6.9	14	11.20	66.2
M359737		3.35	0.033	0.46	7.40	11.4	2330	1.48	0.47	2.22	0.64	42.2	9.0	16	10.45	73.4
M359738		0.26	2.25	24.9	6.00	3490	1680	1.43	16.90	2.23	76.8	39.0	10.0	20	12.65	445
M359739		5.11	0.033	0.68	7.12	7.6	2430	1.72	0.44	2.65	0.35	36.8	7.5	13	12.55	67.9
M359740		2.62	0.020	0.42	6.82	13.3	2220	1.53	0.43	2.48	3.17	40.4	8.3	13	13.05	52.8
M359741		2.15	0.047	0.51	7.18	30.6	510	1.48	1.11	1.75	0.63	30.3	17.0	12	13.05	18.5
M359742		2.45	0.042	0.27	7.52	12.0	1730	1.62	0.54	1.94	0.33	41.7	8.5	16	15.00	24.3
M359743		2.55	0.086	0.82	6.82	60.5	670	1.65	2.01	1.05	1.42	23.0	14.1	12	13.90	89.5
M359744		3.99	<0.005	0.06	0.08	<5	260	0.07	0.03	19.85	0.07	1.24	0.5	<1	0.19	3.7
M359745		4.78	0.088	0.73	6.97	57.4	420	1.39	1.88	2.29	0.70	36.4	8.5	10	12.10	46.9
M359746		4.87	0.037	0.33	7.57	9.7	2420	1.66	0.40	2.65	0.38	51.6	7.9	18	9.89	67.9
M359747		3.28	0.014	0.28	7.46	5.9	2030	1.64	0.46	2.65	0.21	43.1	7.2	14	10.80	29.7
M359748		2.09	0.016	0.25	7.54	13.9	1700	1.32	0.26	1.87	0.31	46.5	6.1	14	17.90	40.8
M359749		5.37	0.010	0.29	7.34	8.8	2300	1.50	0.34	2.13	0.49	46.6	8.0	11	14.25	52.5
M359750		<0.02	0.010	0.31	7.17	8.5	2230	1.59	0.27	2.09	0.48	43.5	8.1	11	14.00	49.5
M359751		2.04	0.016	0.32	7.22	20.1	1140	1.43	0.33	1.68	0.55	44.3	11.3	13	20.1	41.7
M359752		4.03	0.007	0.23	7.37	4.1	2360	1.77	0.19	2.48	0.39	43.7	7.9	11	8.74	34.2
M359753		3.37	0.019	0.36	7.39	6.5	2170	1.86	0.32	2.20	0.59	50.2	6.2	17	8.57	75.1
M359754		0.26	2.28	26.5	5.71	3310	790	1.44	16.70	2.10	79.2	40.9	11.0	143	13.40	433
M359755		3.34	0.009	0.70	7.40	7.4	2610	1.51	0.49	2.23	0.67	48.7	7.1	13	8.92	44.0
M359756		3.26	0.007	0.45	7.64	5.4	2760	1.73	0.49	2.48	0.51	46.5	7.1	15	8.33	42.3
M359757		2.57	0.032	1.01	7.43	21.4	1030	1.66	0.74	2.37	0.60	55.3	7.0	11	9.61	26.4
M359758		2.33	0.005	0.35	7.25	3.9	2390	1.68	0.31	2.57	0.39	46.0	8.3	13	9.26	27.4
M359759		2.93	0.008	0.37	7.39	9.2	570	1.39	0.65	2.40	0.25	55.7	9.1	11	18.15	24.8
M359760		2.32	0.087	0.55	7.11	25.8	620	1.47	1.46	2.45	0.71	41.7	7.3	15	12.75	35.4
M359761		2.78	0.027	0.38	6.91	12.8	320	1.44	0.74	2.10	0.42	41.5	36.0	13	15.70	36.5
M359762		2.93	0.022	0.65	7.36	17.3	490	1.54	1.82	1.85	0.74	47.5	15.6	17	16.50	43.4
M359763		3.49	<0.005	0.08	0.10	6	30	0.11	0.05	21.1	0.10	1.27	0.7	<1	0.27	2.6
M359764		5.51	0.024	1.09	7.20	39.7	920	1.34	5.55	2.51	0.60	43.9	13.1	14	15.40	75.1
M359765		4.99	0.025	0.72	6.78	15.0	630	1.39	2.26	1.54	0.59	36.9	78.2	12	12.65	26.6
M359766		2.61	0.027	0.58	6.89	14.1	1300	1.28	1.62	1.75	0.26	46.9	15.3	13	12.75	78.9
M359767		2.79	0.013	0.35	7.19	7.5	2210	1.59	0.94	2.38	0.25	49.3	9.1	13	8.34	75.0
M359768		1.18	0.009	0.34	7.29	5.6	2330	1.55	0.71	2.40	0.22	50.3	7.7	17	8.18	81.1
M359769		5.78	0.010	0.65	7.19	4.5	1240	1.57	1.19	2.26	0.25	48.2	7.3	15	10.20	105.5
M359770		3.77	0.013	0.30	7.24	4.8	2250	1.61	0.52	2.57	0.33	41.6	7.2	15	8.51	42.7





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Project: Klaza - 126

**CERTIFICATE OF ANALYSIS WH12213663**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359735		3.07	16.25	0.12	1.0	0.078	2.09	25.7	60.8	0.47	601	1.77	0.46	7.5	3.6	620
M359736		3.13	17.05	0.09	0.9	0.066	2.72	22.2	12.7	0.72	471	1.50	2.00	8.1	2.8	610
M359737		3.25	15.40	0.10	0.9	0.090	2.98	22.0	15.1	0.69	469	1.90	1.45	6.9	2.6	550
M359738		6.50	13.50	0.09	0.8	1.550	2.69	21.9	22.8	0.92	1920	11.80	0.04	5.7	14.0	450
M359739		2.96	17.00	0.10	0.9	0.070	2.80	18.0	19.1	0.68	427	1.51	1.75	7.6	2.7	570
M359740		3.05	16.10	0.12	0.9	0.100	2.86	19.7	12.6	0.69	483	3.43	1.41	7.3	2.5	550
M359741		3.75	16.10	0.08	0.8	0.088	3.70	15.9	12.1	0.70	426	3.83	0.44	4.8	2.5	540
M359742		2.82	16.85	0.09	0.9	0.062	3.34	22.1	23.1	0.70	381	2.41	0.68	5.7	2.3	570
M359743		4.57	13.75	0.06	0.9	0.088	3.00	12.6	36.5	0.51	388	4.85	0.06	3.4	3.0	490
M359744		0.44	0.23	0.06	<0.1	0.008	0.03	0.6	1.1	12.25	188	0.12	0.01	0.2	1.3	230
M359745		3.94	15.00	0.10	0.8	0.131	3.43	19.0	13.5	0.84	434	4.08	0.58	4.6	2.6	520
M359746		3.20	17.35	0.08	1.1	0.094	2.92	27.2	12.5	0.82	420	4.18	1.94	8.0	2.6	600
M359747		3.34	15.60	0.07	1.2	0.119	2.92	21.6	12.8	0.79	437	2.38	1.63	7.9	2.6	610
M359748		2.84	17.30	0.10	1.1	0.098	2.50	24.0	39.3	0.51	458	2.48	0.58	8.7	2.4	590
M359749		2.95	17.15	0.10	0.9	0.093	2.79	25.0	17.9	0.65	352	2.09	1.42	8.1	2.6	580
M359750		2.84	17.35	0.09	0.9	0.078	2.72	22.4	17.6	0.63	345	2.25	1.41	7.9	2.4	570
M359751		2.89	17.30	0.09	0.9	0.078	2.39	22.1	51.8	0.44	662	3.05	0.10	8.1	2.8	590
M359752		2.91	17.05	0.10	1.0	0.075	2.70	20.7	12.2	0.79	422	1.84	2.18	8.3	2.7	590
M359753		2.96	17.45	0.10	1.0	0.093	2.82	24.8	14.4	0.80	409	4.11	2.06	8.0	2.7	560
M359754		6.26	14.45	0.11	0.9	1.650	2.56	21.3	24.1	0.87	1840	13.55	0.04	5.8	45.9	430
M359755		3.26	16.35	0.09	0.9	0.061	3.03	24.0	15.9	0.82	411	2.15	1.92	7.6	2.6	590
M359756		3.36	15.95	0.12	0.9	0.069	2.84	23.6	15.6	0.88	436	1.92	1.91	7.7	2.6	610
M359757		3.48	15.65	0.11	0.9	0.097	2.98	29.0	15.7	0.80	401	2.08	1.44	7.4	2.5	560
M359758		2.93	17.30	0.09	0.9	0.076	2.67	24.8	16.4	0.74	429	2.09	1.99	8.1	2.6	560
M359759		4.59	14.55	0.10	0.8	0.169	3.07	28.7	18.5	0.71	520	3.50	0.62	6.9	2.3	540
M359760		3.64	15.25	0.10	0.8	0.109	3.03	20.7	17.1	0.76	454	2.35	1.22	6.6	2.5	580
M359761		4.82	15.20	0.11	0.8	0.139	2.94	20.4	24.4	0.67	492	4.94	0.88	6.3	2.7	540
M359762		4.84	16.05	0.12	0.8	0.146	3.07	24.5	28.7	0.70	578	6.51	0.47	6.7	2.3	540
M359763		0.49	0.24	0.07	<0.1	0.009	0.05	0.6	1.3	13.15	216	0.22	0.01	0.3	2.4	180
M359764		3.65	15.35	0.10	0.9	0.118	3.04	22.0	48.7	0.77	540	2.90	0.27	6.7	2.4	590
M359765		8.04	13.45	0.11	0.7	0.159	3.08	18.9	13.2	0.65	476	8.45	0.11	4.8	2.9	480
M359766		5.80	14.40	0.12	0.8	0.118	3.21	24.8	31.9	0.78	477	4.70	0.62	5.2	2.6	520
M359767		3.10	16.40	0.08	0.9	0.068	2.79	27.2	15.4	0.78	384	2.21	1.82	7.2	2.6	560
M359768		3.10	16.05	0.10	1.0	0.073	2.75	24.8	15.1	0.83	409	2.46	1.87	7.3	2.6	590
M359769		3.63	14.75	0.11	1.1	0.130	2.85	25.5	17.6	0.76	500	7.72	1.21	7.2	2.4	540
M359770		2.95	16.40	0.09	1.0	0.056	2.79	19.7	13.6	0.75	447	1.57	2.10	7.6	2.8	580



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Project: Klaza - 126

**CERTIFICATE OF ANALYSIS WH12213663**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359735		32.0	86.8	<0.002	0.96	29.8	10.8	2	2.5	156.0	0.58	0.07	13.9	0.228	1.07	6.4
M359736		34.6	83.8	<0.002	0.42	2.50	11.0	1	2.5	385	0.60	0.26	11.2	0.258	1.25	3.2
M359737		43.2	102.5	0.002	0.90	7.59	9.7	1	2.5	286	0.56	0.07	11.3	0.229	1.37	3.7
M359738		2790	143.0	0.002	4.77	88.7	7.9	1	7.3	87.1	0.46	0.34	10.3	0.181	2.30	5.0
M359739		29.6	85.9	<0.002	0.50	1.53	9.9	1	2.6	351	0.58	0.13	10.5	0.242	1.40	3.4
M359740		100.5	97.0	<0.002	0.65	1.91	9.8	1	3.7	299	0.58	0.05	10.9	0.231	1.59	3.7
M359741		37.4	165.5	<0.002	2.87	3.28	10.1	1	5.4	110.5	0.38	0.15	13.0	0.159	2.52	3.8
M359742		22.5	117.5	<0.002	1.52	9.33	10.5	<1	3.3	150.0	0.49	0.13	14.0	0.199	2.11	4.7
M359743		60.1	150.0	<0.002	3.76	13.50	9.2	1	5.5	54.4	0.32	0.38	13.6	0.131	2.27	9.3
M359744		2.0	1.5	<0.002	0.01	0.12	0.2	<1	0.2	46.2	<0.05	<0.05	<0.2	<0.005	0.03	0.7
M359745		45.4	131.0	<0.002	2.98	6.85	9.4	1	4.4	135.0	0.36	0.29	10.0	0.171	2.05	3.1
M359746		25.2	103.5	<0.002	0.69	2.17	10.4	1	3.3	344	0.63	0.08	13.3	0.243	1.37	4.4
M359747		22.6	101.5	<0.002	1.09	1.17	10.5	1	2.9	304	0.64	<0.05	12.4	0.244	1.42	3.8
M359748		26.3	92.7	<0.002	0.41	22.2	11.3	<1	2.3	160.0	0.70	<0.05	13.9	0.245	1.26	4.9
M359749		32.5	100.5	<0.002	0.55	6.40	11.0	<1	2.6	273	0.64	<0.05	12.4	0.242	1.35	3.9
M359750		30.8	99.6	<0.002	0.52	6.07	10.9	1	2.5	269	0.61	<0.05	11.6	0.235	1.25	3.7
M359751		25.2	89.1	<0.002	0.71	31.9	11.0	1	2.8	95.0	0.63	0.05	12.2	0.245	1.33	5.2
M359752		33.5	92.5	<0.002	0.22	1.35	10.7	1	2.4	381	0.66	<0.05	12.2	0.253	1.21	3.8
M359753		38.9	112.0	<0.002	0.53	1.29	11.0	1	2.8	330	0.64	<0.05	13.7	0.237	1.28	3.8
M359754		2650	154.0	<0.002	4.52	94.0	8.5	1	8.0	87.0	0.46	0.58	9.7	0.170	2.25	4.9
M359755		41.3	113.5	<0.002	1.21	0.88	10.9	1	2.6	325	0.55	<0.05	12.3	0.233	1.39	3.6
M359756		39.7	94.2	<0.002	1.18	0.83	11.2	1	2.8	358	0.60	<0.05	12.9	0.254	1.29	3.9
M359757		51.3	128.5	<0.002	1.58	1.90	11.2	1	3.9	277	0.60	0.05	13.1	0.223	1.48	4.3
M359758		29.6	91.8	<0.002	0.49	0.81	10.8	1	2.6	357	0.65	<0.05	12.6	0.241	1.26	3.8
M359759		25.4	134.5	<0.002	2.52	1.81	11.3	2	4.4	146.5	0.51	0.07	12.6	0.211	1.73	4.1
M359760		41.1	106.0	<0.002	1.76	1.71	11.2	1	3.7	317	0.45	0.09	8.7	0.220	1.41	2.8
M359761		32.4	116.0	<0.002	2.93	1.42	10.5	1	4.6	202	0.46	<0.05	9.5	0.205	1.58	3.7
M359762		61.0	123.5	<0.002	3.12	3.51	10.2	2	5.7	123.5	0.48	0.28	11.4	0.205	1.76	4.5
M359763		2.5	2.1	<0.002	<0.01	0.37	0.3	<1	0.2	41.9	<0.05	<0.05	<0.2	0.006	0.03	0.7
M359764		52.2	101.5	<0.002	2.04	5.77	10.3	2	3.6	108.5	0.48	0.10	10.2	0.224	1.63	3.1
M359765		32.3	124.0	0.002	7.60	2.03	9.3	5	9.0	51.6	0.36	0.25	10.0	0.169	1.74	3.4
M359766		32.4	142.5	<0.002	4.70	1.93	10.2	2	4.3	137.0	0.40	0.19	12.9	0.182	2.06	4.5
M359767		27.2	93.7	<0.002	1.10	0.77	10.5	1	3.0	339	0.53	0.10	13.6	0.227	1.21	3.7
M359768		26.1	92.4	<0.002	0.93	0.72	10.4	1	3.0	347	0.58	0.09	14.0	0.233	1.21	4.0
M359769		24.7	120.5	<0.002	1.62	0.90	11.0	1	3.9	213	0.58	0.24	13.6	0.215	1.44	4.2
M359770		26.0	82.0	<0.002	0.52	0.79	9.9	<1	2.3	366	0.60	0.06	12.0	0.242	1.22	3.5



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Project: Klaza - 126

**CERTIFICATE OF ANALYSIS WH12213663**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359735		65	7.1	14.8	254	25.6	1
M359736		73	1.2	13.1	98	25.2	<1
M359737		67	2.0	12.3	105	22.3	<1
M359738		60	5.1	8.6	5450	24.1	27
M359739		71	1.2	12.1	81	24.7	<1
M359740		67	2.0	11.8	294	22.9	1
M359741		61	4.1	10.3	80	23.0	1
M359742		67	2.1	10.2	85	24.2	1
M359743		58	4.8	9.8	146	22.2	1
M359744		2	0.3	0.8	13	<0.5	<1
M359745		63	7.3	11.6	99	21.5	<1
M359746		71	1.6	13.6	80	28.6	<1
M359747		71	7.3	12.9	71	28.6	<1
M359748		69	7.7	15.0	67	30.2	<1
M359749		69	3.1	14.2	80	24.7	<1
M359750		66	2.9	13.8	77	25.0	<1
M359751		71	4.4	13.3	96	25.3	<1
M359752		73	1.9	14.6	81	26.7	<1
M359753		68	2.7	14.7	100	25.2	<1
M359754		56	5.0	9.4	5370	24.9	26
M359755		67	5.8	13.7	96	25.4	<1
M359756		74	5.7	13.9	106	25.1	<1
M359757		70	10.8	15.0	94	24.7	<1
M359758		69	1.8	14.5	86	23.1	<1
M359759		72	20.8	14.2	69	22.4	<1
M359760		71	12.3	12.7	92	21.8	<1
M359761		67	11.1	12.6	83	21.6	<1
M359762		67	12.0	12.0	109	22.8	<1
M359763		3	0.1	0.8	16	<0.5	<1
M359764		68	8.0	11.6	102	21.3	1
M359765		63	15.5	9.8	73	18.9	<1
M359766		62	9.3	11.5	69	21.1	<1
M359767		66	5.0	12.8	65	22.5	<1
M359768		67	4.2	13.1	67	25.1	<1
M359769		68	11.0	13.9	61	25.5	<1
M359770		69	1.8	12.7	65	24.9	<1



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**CERTIFICATE OF ANALYSIS WH12213663**

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



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**CERTIFICATE WH12213664**

Project: Klaza - 125

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12213664**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357562		8.22	0.047	0.66	6.73	50.1	1100	1.66	0.16	2.79	1.64	48.5	5.2	4	23.3	14.5
M357563		7.95	0.015	0.36	6.48	31.2	1200	1.69	0.09	3.09	0.91	47.9	4.7	4	22.9	6.7
M357564		7.88	0.031	0.83	6.89	44.0	2140	1.76	0.20	3.03	1.41	52.6	5.1	4	22.6	8.5
M357565		2.77	0.011	0.22	6.82	34.7	1310	1.87	0.05	3.34	0.57	50.9	4.8	4	23.8	2.4
M357566		1.20	0.018	0.30	6.70	32.0	1240	1.83	0.06	3.15	0.99	51.2	4.4	4	23.5	4.3
M357567		6.44	<0.005	0.36	6.84	42.5	2120	1.95	0.25	3.43	0.75	59.1	6.8	18	15.35	11.6
M357568		2.90	0.127	1.84	7.21	98.9	1190	1.68	2.09	2.27	6.23	49.7	17.0	6	18.95	96.7
M357569		2.48	0.117	1.16	6.81	94.7	1000	1.51	1.29	2.60	4.31	52.0	10.1	8	17.60	242
M357570		3.14	0.991	8.43	6.55	703	180	1.39	6.51	0.63	5.90	45.0	9.8	9	10.00	241
M357571		0.26	4.44	>100	5.07	6760	1140	1.13	56.4	1.92	216	31.6	9.1	17	10.75	1225
M357572		5.62	<0.005	0.52	6.54	43.6	2160	2.00	0.26	3.36	0.86	54.9	7.2	20	13.50	13.6
M357573		4.01	0.020	0.39	6.44	47.0	1590	1.70	0.23	3.03	0.28	46.8	6.2	14	16.10	13.6
M357574		4.24	2.69	29.9	5.30	886	330	1.10	38.7	1.06	24.0	38.5	21.0	7	7.08	838
M357575		2.50	<0.005	0.09	0.06	<5	20	0.07	0.08	20.2	0.10	1.22	1.0	<1	0.17	3.1
M357576		2.45	1.125	10.65	6.60	613	200	1.51	14.30	0.42	2.56	44.2	7.2	7	5.67	127.0
M357577		3.38	1.465	10.15	6.38	844	230	1.37	13.40	0.43	7.18	41.4	9.5	7	6.10	142.0
M357578		2.49	0.212	3.20	6.85	181.0	310	1.59	6.67	1.96	1.71	42.6	8.5	8	16.70	51.1
M357579		2.66	0.078	1.97	6.78	39.2	1290	1.72	6.15	2.21	1.95	47.9	6.9	8	11.70	78.6
M357580		7.01	0.021	0.35	7.37	22.1	2020	1.55	1.50	2.67	0.60	46.0	8.1	9	9.23	25.8
M357581		<0.02	0.013	0.30	7.30	21.1	2010	1.51	1.47	2.63	0.51	47.2	8.2	11	9.28	22.6
M357582		7.59	0.019	0.21	7.32	17.6	2170	1.38	0.42	1.87	0.33	45.0	8.2	9	14.80	11.4
M357583		2.55	1.555	18.55	7.12	276	660	1.42	22.6	2.14	1.68	47.9	8.2	8	13.45	635
M357584		5.94	0.057	0.43	7.18	25.2	2140	1.37	1.32	2.60	0.14	50.4	20.1	11	12.95	6.8
M357585		8.70	0.022	0.79	7.23	26.0	2140	1.30	1.58	2.68	0.57	51.6	17.2	12	9.06	15.8
M357586		0.26	2.35	25.6	5.71	3060	1230	1.24	18.90	2.20	80.5	42.1	11.4	19	13.95	429
M357587		8.68	0.030	0.29	7.09	25.3	2030	1.41	1.05	2.50	0.30	49.3	11.2	9	11.25	27.2
M357588		5.57	0.021	0.54	7.13	240	2010	1.46	0.66	2.50	0.32	45.4	10.7	7	13.55	14.2
M357589		2.82	0.022	0.87	5.71	62.5	900	1.19	2.31	3.85	0.54	60.5	44.2	5	19.60	26.5
M357590		4.22	0.111	1.37	6.46	380	1750	1.21	2.71	2.97	1.80	34.4	15.2	7	13.35	92.3
M357591		4.40	0.261	0.34	7.38	24.5	1890	1.37	1.83	2.00	0.16	47.6	9.5	7	15.00	41.4
M357592		3.27	5.75	8.05	7.50	152.0	880	1.29	49.5	1.74	0.57	52.2	9.1	7	11.00	514
M357593		7.16	0.019	0.50	7.27	80.8	1900	1.49	1.65	2.27	0.31	43.4	8.9	8	16.65	19.1
M357594		3.20	5.36	75.8	5.93	>10000	770	1.01	104.0	2.32	5.08	39.8	11.2	7	12.05	1260
M357595		3.35	0.006	0.07	0.06	9	20	0.08	0.17	20.5	0.06	1.10	1.0	<1	0.25	3.7
M357596		5.67	0.010	0.29	7.27	22.3	2060	1.62	0.66	2.67	0.27	47.4	8.2	9	10.70	11.7
M357597		2.75	0.027	7.42	6.40	406	1720	1.38	9.52	2.92	3.61	40.4	7.9	7	13.90	279



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Project: Klaza - 125

**CERTIFICATE OF ANALYSIS WH12213664**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357562		2.70	19.05	0.13	2.3	0.043	2.43	22.7	87.5	0.72	907	2.12	0.14	9.5	2.2	840
M357563		2.54	18.85	0.15	2.2	0.041	2.39	22.1	82.7	0.80	833	1.76	0.13	9.6	2.1	820
M357564		2.78	18.70	0.15	2.2	0.041	2.32	24.7	57.6	0.86	901	1.58	0.15	9.3	2.1	840
M357565		3.07	19.05	0.16	2.3	0.034	2.44	23.5	69.5	0.86	819	1.00	0.09	9.7	2.0	860
M357566		2.90	18.50	0.17	2.1	0.034	2.35	24.0	66.7	0.84	789	1.24	0.08	9.2	1.9	810
M357567		2.63	18.90	0.16	4.3	0.036	2.28	27.7	78.8	1.05	680	2.47	0.08	10.7	7.6	1200
M357568		3.00	16.05	0.17	1.3	0.283	3.07	27.1	31.7	0.90	1170	8.33	0.06	7.1	3.7	630
M357569		3.20	16.70	0.10	1.1	0.345	3.14	28.9	16.5	1.03	881	3.21	0.05	7.0	3.7	540
M357570		7.37	19.15	0.11	1.1	0.396	3.11	22.5	8.9	0.44	427	2.85	0.04	5.6	3.3	540
M357571		7.80	12.60	0.08	1.1	4.66	2.21	16.2	29.0	0.62	2980	15.20	0.08	5.6	13.4	440
M357572		2.61	19.50	0.12	4.8	0.033	2.13	27.5	64.3	1.05	611	2.67	0.08	11.0	8.1	1220
M357573		2.29	18.35	0.13	3.6	0.031	2.97	23.7	17.1	0.96	653	1.47	0.05	10.2	5.8	990
M357574		9.45	14.55	0.11	1.0	0.733	2.54	20.2	9.2	0.48	1170	2.91	0.04	4.0	3.2	420
M357575		0.46	0.22	0.12	<0.1	<0.005	0.03	0.6	1.3	12.55	202	0.23	<0.01	0.2	0.5	190
M357576		5.54	18.75	0.10	1.4	0.214	3.37	22.3	9.0	0.42	392	2.21	0.04	6.0	2.7	530
M357577		6.22	18.45	0.10	1.2	0.218	3.18	20.9	7.3	0.40	560	10.80	0.03	6.0	2.7	520
M357578		5.67	17.50	0.07	1.3	0.218	3.05	21.3	8.2	0.80	1440	1.49	0.06	6.3	2.9	590
M357579		3.60	17.00	0.10	1.4	0.193	3.40	24.9	17.5	0.67	702	9.13	0.58	7.7	2.4	500
M357580		3.41	17.90	0.11	1.4	0.115	2.67	23.3	15.5	0.86	538	1.69	1.82	8.2	2.7	620
M357581		3.39	17.95	0.14	1.4	0.115	2.63	24.0	15.3	0.87	531	1.63	1.80	8.3	2.9	620
M357582		2.90	17.95	0.13	1.4	0.073	2.35	22.4	32.9	0.61	563	1.39	0.76	8.6	3.3	630
M357583		4.74	17.10	0.11	1.3	0.327	2.78	25.4	16.9	0.73	802	1.34	0.81	7.5	2.7	580
M357584		3.79	17.40	0.13	1.5	0.066	2.60	26.7	17.0	0.82	549	1.55	1.96	8.3	3.1	600
M357585		3.44	17.75	0.14	1.4	0.093	2.62	27.1	13.3	0.84	537	1.78	2.05	8.4	3.1	610
M357586		6.54	15.15	0.11	1.0	1.745	2.60	22.6	19.8	0.91	1830	13.85	0.04	6.2	16.1	440
M357587		3.11	17.95	0.13	1.5	0.069	2.76	26.1	17.6	0.78	462	3.48	1.82	8.4	2.8	590
M357588		3.42	17.65	0.12	1.4	0.096	2.68	23.2	25.3	0.83	471	3.92	1.19	8.5	2.6	630
M357589		3.72	13.60	0.12	1.2	0.069	2.29	37.8	18.1	1.27	568	10.35	0.05	5.8	2.9	430
M357590		3.13	18.05	0.11	1.1	0.112	2.60	16.5	36.3	0.55	536	1.24	0.08	7.9	2.7	630
M357591		3.72	17.80	0.14	1.3	0.076	2.80	25.2	21.2	0.83	376	1.06	0.65	8.5	2.8	610
M357592		4.95	18.85	0.14	1.3	0.278	2.85	27.9	25.6	0.78	373	2.03	0.11	7.9	3.2	650
M357593		3.35	17.75	0.12	1.2	0.094	2.66	21.5	23.8	0.76	584	4.09	0.72	8.3	2.9	660
M357594		6.50	14.35	0.11	1.1	0.622	2.45	20.8	19.1	0.81	4850	12.20	0.06	6.3	2.3	470
M357595		0.46	0.27	0.16	<0.1	<0.005	0.03	0.5	1.2	12.60	202	0.12	<0.01	0.3	0.8	170
M357596		3.18	18.00	0.14	1.3	0.062	2.63	23.9	16.1	0.84	534	1.36	1.86	8.3	3.1	610
M357597		3.10	17.45	0.13	1.2	0.224	2.51	19.6	29.3	0.59	654	1.44	0.30	8.0	2.5	610



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**CERTIFICATE OF ANALYSIS WH12213664**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357562		114.0	77.5	<0.002	0.18	5.71	4.9	1	1.7	233	0.75	<0.05	7.6	0.292	1.68	3.9
M357563		63.9	71.3	<0.002	0.14	5.74	5.0	1	1.6	218	0.74	<0.05	7.4	0.290	1.71	4.2
M357564		137.5	75.9	<0.002	0.19	7.50	5.1	1	1.4	242	0.74	<0.05	8.2	0.297	1.55	4.3
M357565		34.4	77.7	<0.002	0.15	6.18	5.2	1	1.3	266	0.76	<0.05	7.9	0.292	1.71	4.7
M357566		71.5	80.1	<0.002	0.13	6.30	5.1	1	1.3	235	0.71	<0.05	8.0	0.289	1.64	4.6
M357567		31.0	58.3	<0.002	0.12	14.25	5.9	1	1.5	361	0.78	<0.05	8.5	0.328	1.28	5.7
M357568		79.2	219	<0.002	1.67	11.90	9.8	2	4.8	113.5	0.58	0.12	14.4	0.240	2.86	5.8
M357569		140.0	196.0	<0.002	0.94	17.40	10.2	2	4.0	143.5	0.56	0.13	14.7	0.219	3.04	3.2
M357570		532	206	<0.002	7.32	20.0	9.9	1	12.9	32.6	0.43	0.29	11.7	0.182	2.79	2.6
M357571		9270	135.0	<0.002	6.83	207	7.6	2	8.7	121.5	0.44	0.49	8.8	0.179	2.22	5.4
M357572		34.4	60.2	<0.002	0.12	14.85	6.3	1	1.4	371	0.72	<0.05	8.8	0.332	1.24	6.2
M357573		19.7	122.0	<0.002	0.25	7.28	6.9	1	1.3	215	0.70	<0.05	8.7	0.280	2.88	4.6
M357574		1160	159.0	<0.002	>10.0	47.5	7.9	2	13.1	41.0	0.36	0.93	9.3	0.128	2.25	2.8
M357575		3.4	1.4	<0.002	0.01	0.12	0.2	1	<0.2	50.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357576		395	239	<0.002	5.56	17.75	11.1	2	8.8	13.5	0.55	1.33	13.2	0.185	2.85	3.4
M357577		353	208	<0.002	6.50	19.50	10.3	4	10.5	15.2	0.48	1.25	12.0	0.198	2.81	3.9
M357578		108.5	143.5	<0.002	4.09	5.49	12.1	2	5.0	81.1	0.50	0.71	11.7	0.223	2.78	4.2
M357579		100.5	186.5	<0.002	1.66	7.29	10.1	2	3.2	176.0	0.69	0.89	15.6	0.208	2.54	5.9
M357580		36.6	111.5	<0.002	0.42	1.90	12.6	1	2.9	341	0.63	0.07	13.5	0.272	1.47	4.5
M357581		33.5	115.0	<0.002	0.39	1.90	12.7	1	2.9	339	0.64	0.06	13.4	0.268	1.46	4.4
M357582		23.1	93.3	<0.002	0.18	9.73	12.5	1	2.0	189.5	0.66	0.05	13.7	0.272	1.30	3.9
M357583		329	141.0	<0.002	2.32	78.9	11.9	2	5.4	183.0	0.60	0.20	13.6	0.246	1.80	4.6
M357584		26.4	116.0	<0.002	1.11	1.98	12.5	2	2.1	338	0.65	0.55	14.9	0.259	1.40	4.7
M357585		70.1	114.0	<0.002	0.74	1.87	12.4	2	2.3	349	0.67	0.34	13.9	0.267	1.42	4.6
M357586		2780	167.0	<0.002	4.73	89.7	9.0	2	8.2	94.6	0.48	0.38	11.1	0.180	2.53	5.8
M357587		24.0	109.5	<0.002	0.56	2.73	12.0	2	3.1	333	0.67	0.11	16.4	0.256	1.32	5.3
M357588		93.7	104.0	<0.002	0.46	5.61	12.3	2	2.7	291	0.70	0.07	13.8	0.266	1.46	5.3
M357589		57.6	119.5	<0.002	1.79	10.50	8.9	2	3.4	175.0	0.50	0.23	15.6	0.177	1.70	6.9
M357590		119.5	99.5	<0.002	1.30	12.90	11.3	2	4.0	147.0	0.58	0.21	9.8	0.262	1.75	3.6
M357591		19.2	123.0	<0.002	0.54	5.03	12.1	1	3.7	175.0	0.67	0.08	16.2	0.260	1.48	4.9
M357592		71.2	154.0	<0.002	2.91	17.45	13.2	2	8.7	98.5	0.60	0.59	14.1	0.265	1.96	4.6
M357593		30.4	107.5	<0.002	0.42	6.25	12.5	1	2.7	199.5	0.64	0.08	12.3	0.279	1.65	4.3
M357594		1010	134.0	<0.002	4.54	249	9.3	2	4.7	90.8	0.52	0.55	12.5	0.199	1.88	3.3
M357595		2.1	1.8	<0.002	<0.01	0.28	0.2	1	<0.2	42.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
M357596		38.0	97.5	<0.002	0.20	2.79	12.5	1	2.2	337	0.68	0.06	14.4	0.265	1.24	5.2
M357597		379	101.5	<0.002	0.98	22.2	11.6	2	2.9	143.5	0.65	0.38	11.3	0.259	1.67	3.7





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**CERTIFICATE OF ANALYSIS WH12213664**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M357562		45	1.4	10.9	215	62.1	1	
M357563		45	1.4	11.1	152	63.7	1	
M357564		45	1.7	11.4	203	60.8	1	
M357565		45	1.2	11.8	114	64.1	<1	
M357566		43	1.3	11.7	148	60.9	1	
M357567		59	1.5	11.0	116	154.5	1	
M357568		60	3.1	11.3	508	35.3	2	
M357569		66	3.5	13.7	336	27.2	1	
M357570		63	8.9	8.5	449	25.9	9	
M357571		51	4.5	9.0	>10000	32.6	116	1.575
M357572		59	1.4	10.7	116	180.5	1	
M357573		58	3.4	11.6	58	131.5	1	
M357574		51	6.7	6.7	1860	27.3	30	
M357575		2	0.1	0.8	18	0.6	<1	
M357576		62	6.6	7.4	194	36.6	11	
M357577		63	7.4	7.9	519	33.3	10	
M357578		70	5.8	11.9	164	34.2	3	
M357579		58	4.2	13.3	156	36.7	2	
M357580		76	3.0	16.7	73	38.7	1	
M357581		74	2.6	16.9	65	38.0	1	
M357582		71	5.0	15.1	52	39.2	1	
M357583		68	2.5	15.1	176	36.3	18	
M357584		71	1.8	17.2	40	39.2	1	
M357585		73	2.1	17.0	71	37.8	1	
M357586		56	5.2	10.0	5310	26.5	25	
M357587		70	5.2	17.0	52	41.4	<1	
M357588		73	2.9	16.2	53	36.5	<1	
M357589		52	2.4	14.8	60	30.4	<1	
M357590		73	2.5	13.3	140	30.0	1	
M357591		71	3.1	14.7	35	35.2	<1	
M357592		77	4.6	14.9	60	33.8	7	
M357593		76	3.0	14.7	49	32.6	1	
M357594		55	5.7	12.6	453	27.3	78	
M357595		1	0.1	0.8	13	<0.5	<1	
M357596		74	2.0	16.4	50	33.8	<1	
M357597		73	4.2	14.1	281	31.0	7	



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**CERTIFICATE OF ANALYSIS WH12213664**

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



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**CERTIFICATE WH12213665**

Project: Klaza - 127

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12213665**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357625		3.60	0.025	0.24	7.25	61.4	2150	1.71	0.28	2.28	0.20	48.3	7.0	9	8.78	15.2
M357626		4.42	0.282	9.05	6.74	409	2330	1.66	0.37	1.59	3.76	40.1	7.0	10	24.0	40.6
M357627		7.35	0.022	1.26	6.73	76.8	1880	1.59	0.35	2.10	0.59	44.8	7.6	7	17.95	23.2
M357628		3.43	0.042	0.62	7.54	52.2	2130	1.53	0.75	1.27	0.44	49.9	8.1	8	19.35	38.2
M357629		4.04	0.012	0.39	7.25	35.6	1900	1.65	0.38	1.39	0.38	40.3	8.4	8	27.2	30.2
M357630		5.13	<0.005	0.17	5.97	14.4	1770	1.49	0.15	2.73	0.17	36.6	5.0	27	25.2	16.1
M357631		<0.02	<0.005	0.16	6.02	13.3	1790	1.58	0.16	2.78	0.18	35.8	4.8	27	27.0	14.6
M357632		4.52	<0.005	0.08	6.51	13.8	770	1.68	0.06	3.03	0.06	46.7	5.1	22	38.5	6.8
M357633		7.24	<0.005	0.07	6.75	10.9	1170	1.78	0.05	2.97	0.06	51.4	4.9	18	37.4	6.6
M357634		5.89	<0.005	0.09	6.51	16.5	2530	1.63	0.10	3.38	0.10	50.0	6.6	25	36.4	13.4
M357635		2.52	<0.005	0.30	6.95	10.5	1840	1.85	0.25	2.11	0.20	41.3	6.1	7	39.6	22.4
M357636		1.81	0.119	1.07	6.57	91.5	5160	1.61	0.42	2.08	1.10	40.0	9.8	6	31.6	24.4
M357637		4.01	<0.005	0.42	7.30	12.3	1990	1.79	0.29	2.06	0.59	46.1	7.5	7	32.9	18.4
M357638		0.26	0.774	9.08	6.51	1660	840	1.39	5.84	1.82	38.9	43.9	15.2	18	15.25	104.5
M357639		5.64	<0.005	0.17	6.77	11.3	2110	1.34	0.29	2.50	0.15	42.4	6.2	6	25.6	9.6
M357640		2.67	<0.005	0.30	6.71	29.3	1690	1.81	1.22	2.09	0.19	41.5	6.9	7	33.3	10.1
M357641		4.89	<0.005	0.12	6.78	33.5	1480	1.81	0.17	2.91	0.34	52.1	5.9	12	26.0	5.3
M357642		4.53	<0.005	0.12	6.80	40.3	1190	1.75	0.11	2.94	0.56	60.2	6.0	13	23.4	9.9
M357643		4.77	<0.005	0.13	6.54	25.9	1910	1.65	0.17	2.35	0.45	43.7	7.2	6	24.8	6.1
M357644		0.26	4.55	>100	5.30	7780	280	1.09	58.6	1.89	215	33.8	9.0	17	12.20	1190
M357645		2.74	0.071	1.16	7.76	90.8	1350	1.73	0.31	1.43	0.90	58.9	6.2	11	22.5	18.4
M357646		3.97	0.043	0.69	7.11	158.5	1470	1.78	0.36	1.12	5.95	49.0	5.0	6	23.6	10.1
M357647		2.78	1.720	94.8	4.78	4400	270	1.33	0.31	1.83	107.0	32.9	5.6	5	16.70	92.1
M357648		2.83	<0.005	0.11	0.10	<5	30	0.08	0.02	20.5	0.19	1.45	1.3	<1	0.65	1.9
M357649		4.02	0.040	7.91	6.88	169.5	3300	1.68	0.38	2.13	2.20	47.8	7.2	5	26.8	38.9
M357650		4.08	<0.005	0.26	6.94	22.9	1970	1.49	0.44	2.66	0.15	44.1	6.9	8	17.05	14.6
M357651		2.12	0.012	0.77	7.08	26.4	1980	1.45	0.39	2.68	0.23	44.2	6.7	8	20.0	14.2
M357652		7.58	<0.005	0.15	7.12	10.8	2170	1.41	0.28	2.46	0.14	46.2	6.5	10	11.35	14.2
M357653		7.06	<0.005	0.15	7.14	10.8	2100	1.47	0.33	2.44	0.15	46.2	7.2	9	10.80	14.4
M357654		8.24	<0.005	0.15	7.16	9.9	2050	1.32	0.27	2.23	0.17	47.8	6.5	9	11.05	13.4
M357655		5.29	<0.005	0.23	6.87	15.6	1790	1.36	0.36	2.39	0.20	44.5	5.8	8	17.90	14.1
M357656		3.19	<0.005	0.15	6.65	19.2	1490	1.31	0.21	2.34	0.16	47.8	6.3	6	18.40	15.4
M357657		3.18	<0.005	0.47	6.53	40.0	1860	1.28	0.31	2.92	0.27	44.0	5.5	6	14.40	20.5
M357658		3.52	<0.005	0.01	0.06	<5	20	0.06	0.02	20.0	0.08	1.26	1.1	<1	0.21	1.8
M357659		3.53	<0.005	0.36	7.07	11.3	2010	1.57	0.31	2.18	0.46	48.1	6.5	8	12.25	23.5
M357660		7.39	<0.005	0.29	7.31	19.9	1990	1.52	0.58	1.97	0.36	49.8	6.8	7	10.75	13.4



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**CERTIFICATE OF ANALYSIS WH12213665**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357625		2.85	16.10	0.10	1.4	0.044	2.67	24.0	14.3	0.68	670	0.96	2.21	8.2	2.7	590
M357626		2.77	16.15	0.14	1.1	0.060	3.10	18.6	36.0	0.20	1850	4.64	0.25	7.5	2.8	550
M357627		2.74	15.70	0.15	1.3	0.046	2.74	20.0	24.3	0.33	1200	1.94	1.12	7.8	2.8	560
M357628		2.88	17.00	0.18	1.4	0.047	2.94	22.7	35.1	0.38	941	1.47	0.86	8.5	3.5	600
M357629		2.62	16.15	0.16	1.4	0.050	3.27	18.1	25.0	0.34	894	2.23	0.83	8.1	5.3	590
M357630		1.87	18.60	0.16	3.8	0.024	2.89	16.8	83.3	0.35	515	1.05	0.22	8.7	18.2	610
M357631		1.93	17.60	0.15	4.1	0.027	2.96	16.4	92.3	0.36	516	1.06	0.23	8.8	18.2	630
M357632		2.06	18.50	0.16	3.2	0.028	2.74	21.0	68.5	0.86	435	1.07	0.80	8.6	15.9	710
M357633		2.08	17.65	0.17	2.6	0.025	2.79	23.9	73.1	0.81	453	1.09	1.24	8.4	10.9	750
M357634		1.90	18.50	0.18	3.8	0.022	2.59	24.1	71.5	0.57	529	1.16	0.43	9.3	18.9	640
M357635		2.62	16.60	0.15	1.2	0.062	3.35	19.9	27.2	0.37	981	1.47	1.46	7.9	4.0	560
M357636		2.71	15.75	0.16	1.3	0.069	3.57	18.0	22.4	0.34	2650	4.45	0.52	8.3	3.8	530
M357637		2.78	16.70	0.17	1.3	0.045	2.94	21.6	27.0	0.39	606	1.13	1.62	8.7	2.8	600
M357638		4.98	14.15	0.17	1.3	0.804	2.74	21.7	21.0	0.68	1870	11.85	0.26	7.2	15.1	490
M357639		2.63	15.05	0.16	1.2	0.040	2.75	20.9	23.4	0.52	724	1.01	1.34	7.3	2.4	550
M357640		2.52	16.50	0.16	1.4	0.048	2.93	18.3	56.2	0.41	931	1.11	0.49	8.1	2.6	590
M357641		2.45	16.95	0.19	2.9	0.035	2.66	24.7	66.2	0.77	628	1.12	1.16	9.6	5.2	810
M357642		2.25	19.55	0.16	4.2	0.028	2.53	28.5	53.7	0.66	442	1.17	1.53	11.0	5.6	1030
M357643		2.58	16.20	0.19	1.3	0.052	2.65	19.9	26.4	0.56	713	1.21	1.79	8.3	2.9	590
M357644		7.64	13.95	0.25	1.0	4.62	2.20	16.8	31.5	0.61	2890	15.70	0.08	5.9	14.7	440
M357645		2.53	18.45	0.14	2.9	0.047	2.50	26.9	54.3	0.44	1520	1.38	0.43	9.7	3.8	920
M357646		2.53	16.90	0.18	1.2	0.104	3.67	22.4	16.0	0.41	2990	3.54	0.06	8.1	3.0	570
M357647		3.68	11.90	0.15	0.8	0.142	1.88	14.9	30.9	0.62	5800	12.15	0.02	5.0	1.9	320
M357648		0.47	0.50	0.16	<0.1	0.006	0.05	0.7	1.7	13.00	213	0.14	0.01	0.5	3.3	180
M357649		2.81	15.30	0.18	1.0	0.060	2.94	22.7	21.5	0.84	2690	3.81	0.02	7.1	2.7	520
M357650		2.68	15.85	0.17	1.2	0.041	2.77	19.4	14.7	0.63	993	1.27	1.76	7.6	2.7	550
M357651		2.73	15.75	0.17	1.2	0.042	2.86	20.2	15.4	0.63	1260	1.20	1.62	7.6	3.0	560
M357652		2.85	15.65	0.16	1.2	0.050	2.56	21.2	15.4	0.78	704	1.28	2.25	7.6	2.8	580
M357653		2.76	15.85	0.19	1.3	0.040	2.63	22.0	20.2	0.72	704	1.15	2.19	7.8	2.8	550
M357654		2.81	15.45	0.17	1.2	0.049	2.74	22.3	13.8	0.76	596	1.38	2.13	7.9	2.5	570
M357655		2.63	14.90	0.16	1.3	0.038	2.64	20.9	11.5	0.68	653	1.55	1.66	7.3	2.2	530
M357656		2.60	15.35	0.18	1.2	0.043	2.67	22.2	14.9	0.68	907	1.29	1.18	7.5	2.4	550
M357657		2.72	13.80	0.16	1.2	0.049	2.75	20.7	13.4	0.72	1310	1.47	1.33	7.3	2.5	520
M357658		0.45	0.37	0.22	<0.1	0.007	0.02	0.6	1.0	12.60	201	0.33	0.01	0.3	2.6	190
M357659		2.61	15.95	0.20	1.2	0.046	2.61	23.1	14.5	0.66	643	1.53	2.18	7.7	2.7	530
M357660		2.73	15.90	0.17	1.3	0.043	2.62	24.1	20.2	0.69	567	1.50	1.58	8.2	2.6	570



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**CERTIFICATE OF ANALYSIS WH12213665**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357625		21.2	100.0	<0.002	0.02	2.38	10.7	1	2.1	349	0.71	<0.05	12.8	0.247	1.10	1.9
M357626		599	161.5	<0.002	0.08	31.8	10.6	1	3.9	104.0	0.64	<0.05	10.2	0.240	2.46	3.1
M357627		47.7	115.5	<0.002	0.04	13.45	10.3	1	2.4	207	0.71	<0.05	10.1	0.242	1.48	2.5
M357628		42.7	122.0	<0.002	0.06	10.10	11.0	1	4.5	164.5	0.72	<0.05	12.1	0.256	1.49	2.5
M357629		32.4	141.0	<0.002	0.02	9.07	11.4	1	3.9	190.5	0.71	<0.05	10.6	0.253	1.81	2.9
M357630		17.4	87.2	<0.002	0.03	10.75	5.4	1	1.6	261	0.71	<0.05	7.1	0.247	1.34	4.1
M357631		19.3	86.3	<0.002	0.03	11.25	5.4	1	1.6	271	0.73	<0.05	7.3	0.251	1.44	4.4
M357632		15.2	76.3	<0.002	0.01	4.13	5.6	1	1.5	532	0.73	<0.05	7.2	0.264	1.14	2.9
M357633		15.8	93.6	<0.002	0.01	2.49	6.1	1	1.2	541	0.70	<0.05	7.5	0.267	1.09	2.4
M357634		17.9	84.7	<0.002	0.05	5.15	6.0	1	1.5	407	0.69	<0.05	8.3	0.245	1.18	4.2
M357635		21.7	148.5	<0.002	<0.01	4.01	10.1	1	2.8	296	0.67	<0.05	11.4	0.232	1.67	2.3
M357636		58.9	157.0	<0.002	0.11	12.75	10.5	1	2.4	207	0.73	<0.05	10.4	0.239	2.25	4.0
M357637		47.5	128.0	<0.002	0.01	5.64	11.5	1	2.0	277	0.73	<0.05	12.1	0.249	1.47	2.9
M357638		1315	148.5	<0.002	3.00	30.5	9.0	1	5.3	141.5	0.63	0.27	10.4	0.197	2.45	4.7
M357639		20.2	104.5	<0.002	0.02	4.64	9.7	1	1.6	258	0.67	<0.05	10.8	0.240	1.37	2.1
M357640		21.0	113.5	<0.002	0.03	9.52	10.4	1	1.7	179.0	0.72	<0.05	10.2	0.249	1.80	3.3
M357641		18.7	94.4	<0.002	0.03	6.73	8.0	1	1.7	373	0.74	<0.05	8.8	0.277	1.34	3.3
M357642		19.7	81.4	<0.002	0.01	4.90	5.6	1	1.4	562	0.76	<0.05	7.5	0.305	1.00	3.6
M357643		19.1	104.5	<0.002	0.02	3.60	10.9	1	2.0	296	0.68	<0.05	10.0	0.239	1.20	2.7
M357644		9270	131.5	<0.002	6.79	215	7.8	2	8.7	120.5	0.43	0.53	8.0	0.175	1.93	4.9
M357645		20.3	108.5	<0.002	0.29	21.7	9.1	1	1.7	175.0	0.78	<0.05	11.0	0.308	1.60	4.4
M357646		73.0	190.0	<0.002	0.39	19.65	11.5	1	1.6	105.0	0.70	<0.05	11.7	0.234	2.83	4.0
M357647		8530	119.0	<0.002	2.25	152.5	7.4	1	2.9	80.1	0.43	0.08	8.1	0.148	1.87	5.2
M357648		8.6	3.6	<0.002	<0.01	0.21	0.5	1	0.2	42.5	<0.05	<0.05	<0.2	<0.005	0.03	0.4
M357649		302	140.5	<0.002	0.71	27.6	9.6	1	2.3	121.5	0.61	<0.05	11.6	0.224	2.57	3.8
M357650		19.0	103.5	<0.002	0.11	4.64	10.0	1	1.5	309	0.67	<0.05	10.8	0.238	1.25	3.6
M357651		63.5	109.5	<0.002	0.16	6.59	10.0	1	1.7	292	0.67	<0.05	11.0	0.239	1.56	3.8
M357652		18.9	95.0	<0.002	0.02	1.67	10.7	1	1.9	354	0.70	<0.05	12.5	0.240	1.04	3.8
M357653		22.4	99.0	<0.002	0.02	2.00	10.4	1	1.8	341	0.70	<0.05	11.8	0.240	0.90	3.6
M357654		21.9	109.5	<0.002	0.01	2.97	10.4	1	1.9	318	0.69	<0.05	12.8	0.238	1.06	4.0
M357655		23.3	98.8	<0.002	0.05	5.17	9.1	1	1.5	272	0.69	<0.05	11.2	0.228	1.18	4.8
M357656		21.5	109.5	<0.002	0.07	5.96	10.0	1	1.7	205	0.68	<0.05	11.2	0.231	1.38	7.3
M357657		31.1	108.5	<0.002	0.20	6.70	9.4	1	1.6	235	0.67	<0.05	10.9	0.229	1.51	4.8
M357658		1.7	1.3	<0.002	<0.01	0.05	0.3	1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M357659		49.4	106.5	<0.002	0.02	2.78	10.0	1	1.8	332	0.66	<0.05	11.9	0.230	1.03	3.6
M357660		31.1	111.0	<0.002	0.04	4.34	10.7	1	1.7	249	0.73	<0.05	12.3	0.243	1.03	4.0



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**CERTIFICATE OF ANALYSIS WH12213665**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M357625		71	1.9	16.2	60	33.9	<1	
M357626		65	2.8	13.4	461	28.5	8	
M357627		65	2.0	14.6	115	30.2	1	
M357628		68	1.9	15.7	88	37.1	<1	
M357629		66	2.1	12.9	74	39.8	<1	
M357630		47	1.6	9.2	59	145.5	<1	
M357631		49	1.6	8.7	60	144.0	<1	
M357632		49	0.9	9.8	56	109.0	<1	
M357633		49	0.9	10.6	56	77.0	<1	
M357634		47	1.1	11.5	61	137.0	<1	
M357635		61	1.6	14.0	73	32.1	<1	
M357636		64	3.0	14.0	105	33.2	<1	
M357637		66	2.3	14.3	101	35.4	<1	
M357638		54	4.8	11.1	2840	36.3	9	
M357639		64	1.2	14.3	56	29.7	<1	
M357640		64	2.3	12.8	59	38.5	<1	
M357641		57	1.3	11.9	80	111.0	<1	
M357642		49	0.9	9.0	137	165.0	<1	
M357643		63	1.0	14.9	78	36.2	<1	
M357644		51	4.1	9.8	>10000	32.2	121	1.675
M357645		64	3.5	12.8	145	108.5	1	
M357646		63	5.7	13.0	1020	32.6	1	
M357647		40	3.7	9.5	8340	19.4	99	
M357648		3	0.1	0.9	25	<0.5	<1	
M357649		58	4.0	13.7	292	27.1	8	
M357650		63	1.2	14.4	48	29.3	<1	
M357651		64	1.5	14.5	65	29.3	1	
M357652		65	1.1	15.7	53	29.5	<1	
M357653		65	1.0	15.6	57	31.9	<1	
M357654		64	1.4	16.0	58	31.4	<1	
M357655		61	1.3	14.0	62	30.9	<1	
M357656		61	1.4	15.3	53	31.5	<1	
M357657		60	1.6	14.2	70	28.2	<1	
M357658		2	0.1	0.8	17	<0.5	<1	
M357659		60	0.9	14.4	79	31.1	<1	
M357660		64	1.5	15.2	70	33.4	<1	



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**CERTIFICATE OF ANALYSIS WH12213665**

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





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**CERTIFICATE WH12213666**

Project: Klaza - 127

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12213666**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M357661		6.54	<0.005	0.17	6.86	14.9	1990	1.51	0.47	2.16	0.13	42.1	8.4	11	10.75	14.9
M357662		2.53	0.006	0.64	6.45	115.0	1530	1.30	0.21	2.92	0.54	42.8	7.7	5	15.60	22.3
M357663		4.87	<0.005	0.30	6.91	26.1	2090	1.32	0.41	2.26	0.14	41.6	7.9	7	10.50	18.0
M357664		2.42	<0.005	0.27	6.63	91.7	1810	1.47	0.27	2.89	0.65	40.6	7.8	10	12.30	14.7
M357665		4.39	<0.005	0.01	0.06	<5	20	0.06	0.03	20.3	0.06	1.14	1.1	<1	0.18	1.8
M357666		5.06	<0.005	0.18	6.95	24.6	2050	1.67	0.32	2.46	0.13	45.5	7.4	7	11.50	12.1
M357667		2.61	0.024	0.59	6.34	106.5	1460	1.25	0.28	2.46	0.44	37.6	6.8	7	12.35	17.8
M357668		7.55	<0.005	0.17	7.55	8.9	2410	1.55	0.34	1.87	0.07	47.7	5.6	8	7.73	5.1
M357669		7.61	<0.005	0.14	7.24	8.7	2160	1.64	0.23	2.39	0.13	47.6	5.8	10	9.37	11.9
M357670		8.44	<0.005	0.10	7.04	9.0	2350	1.59	0.31	2.49	0.09	46.3	6.5	8	10.55	8.3
M357671		0.26	0.755	9.93	6.45	1725	370	1.45	5.46	1.83	41.8	45.3	16.9	19	15.30	105.0
M357672		8.47	<0.005	0.27	7.01	7.4	2120	1.47	0.38	2.45	0.11	48.6	7.1	9	8.55	18.9
M357673		6.50	<0.005	0.14	6.97	6.5	2060	1.49	0.20	2.59	0.12	47.1	7.4	9	11.55	12.8
M357674		2.58	<0.005	0.35	6.57	18.6	1850	1.64	0.25	2.76	0.54	42.8	6.2	8	17.20	25.1
M357675		6.92	0.005	0.15	7.18	5.9	2090	1.50	0.35	2.54	0.10	48.2	7.0	11	11.00	15.4
M357676		0.26	2.25	25.8	5.87	3370	520	1.26	18.30	2.22	77.3	42.4	10.3	18	13.20	444
M357677		8.06	<0.005	0.11	7.24	6.5	2200	1.52	0.29	2.44	0.11	50.4	8.2	9	10.85	12.2
M357678		5.71	<0.005	0.19	7.50	7.9	2080	1.52	0.59	2.42	0.11	47.8	6.1	9	12.50	14.9
M357679		2.84	0.175	2.90	6.75	910	1570	1.75	0.28	2.98	12.75	49.7	7.4	5	19.40	24.4
M357680		2.57	0.039	2.14	6.84	116.5	1090	1.50	0.53	3.44	0.46	52.4	6.4	6	18.10	41.5
M357681		2.81	0.016	0.50	6.57	48.6	1820	1.38	0.40	2.68	0.32	44.7	8.2	7	15.10	13.8
M357682		3.78	<0.005	0.16	7.54	7.9	2130	1.58	0.23	2.39	0.11	49.4	10.2	8	10.95	9.1
M357683		1.99	<0.005	0.10	7.46	5.7	2010	1.39	0.32	2.29	0.09	48.4	10.3	8	10.05	13.3
M357684		4.85	<0.005	0.14	6.99	9.2	2120	1.41	0.58	2.93	0.07	48.4	13.3	8	9.82	3.4
M357685		8.32	<0.005	0.14	7.38	7.3	2110	1.59	0.38	2.58	0.13	51.1	6.9	9	11.35	12.7
M357686		8.68	<0.005	0.13	7.43	5.8	2080	1.58	0.29	2.43	0.11	50.6	6.6	12	8.84	14.3
M357687		5.39	0.005	0.15	7.17	9.9	2670	1.25	0.44	2.51	0.06	42.3	5.9	7	7.15	1.3
M357688		3.15	0.013	0.17	7.44	19.1	1910	1.25	0.55	2.85	0.05	44.9	10.1	6	13.20	1.2
M357689		8.90	0.010	0.17	7.29	11.2	4200	1.18	0.49	2.64	0.06	51.0	8.7	7	8.62	1.0
M357690		<0.02	0.009	0.22	7.32	12.0	4040	1.30	0.53	2.61	0.06	49.8	9.7	7	8.65	0.9
M357691		6.31	0.041	0.41	7.15	11.8	2920	1.45	0.71	3.12	0.08	52.8	11.9	7	12.95	4.0
M357692		2.55	0.007	0.26	7.03	30.3	1420	1.25	0.43	2.21	0.17	45.8	5.6	8	15.25	11.5
M357693		7.62	<0.005	0.14	6.90	12.4	1950	1.48	0.25	2.59	0.10	42.2	6.1	8	15.45	18.0
M357694		4.26	<0.005	0.13	7.34	13.6	2060	1.59	0.27	2.30	0.14	46.3	6.9	7	15.95	9.2
M357695		2.31	<0.005	0.02	0.06	<5	20	0.05	0.03	20.8	0.06	1.00	0.6	<1	0.17	1.1
M357696		3.99	0.008	0.16	6.73	15.2	3100	1.26	0.42	2.71	0.11	46.7	6.7	7	12.60	2.8



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**CERTIFICATE OF ANALYSIS WH12213666**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357661		2.82	17.55	0.12	1.3	0.042	2.68	20.7	16.8	0.65	693	1.85	1.68	8.5	2.7	550
M357662		2.84	16.50	0.12	1.2	0.039	2.62	21.4	18.8	0.94	1320	1.60	0.80	7.7	2.4	520
M357663		2.87	17.45	0.13	1.4	0.044	2.70	20.4	19.0	0.67	942	1.47	1.20	8.7	2.6	580
M357664		2.72	17.35	0.13	1.6	0.047	2.43	20.2	18.7	0.82	840	1.42	1.24	8.5	5.3	570
M357665		0.46	0.29	0.25	<0.1	<0.005	0.03	0.6	1.0	12.50	188	0.27	0.01	0.3	1.0	190
M357666		2.80	17.40	0.14	1.4	0.037	2.69	22.1	15.2	0.65	810	1.48	2.12	8.6	2.4	560
M357667		2.48	16.70	0.16	1.3	0.046	2.58	18.4	19.7	0.77	1040	2.39	0.96	7.9	3.1	520
M357668		3.00	15.45	0.17	1.2	0.061	2.98	25.0	12.1	0.78	585	1.30	2.39	8.3	2.6	580
M357669		2.72	15.75	0.14	1.3	0.049	2.80	23.3	13.8	0.74	557	1.87	2.20	8.3	2.5	580
M357670		2.76	15.55	0.17	1.2	0.070	2.61	22.5	13.0	0.69	659	1.35	2.07	8.1	2.6	570
M357671		5.03	14.95	0.13	1.4	0.879	2.83	22.5	24.7	0.67	1930	11.90	0.26	7.8	15.1	500
M357672		2.73	15.70	0.15	1.1	0.056	2.71	23.8	10.8	0.74	615	1.40	2.11	7.8	2.6	590
M357673		2.68	15.50	0.16	1.2	0.040	2.70	22.1	12.3	0.67	750	1.02	2.00	7.9	2.5	550
M357674		2.58	15.10	0.16	1.2	0.055	3.08	19.8	18.9	0.63	987	1.00	1.21	7.5	2.4	530
M357675		2.67	15.35	0.16	1.3	0.042	2.78	24.1	15.3	0.71	628	1.02	2.16	7.9	2.5	570
M357676		6.54	13.60	0.13	0.9	1.535	2.64	21.8	23.1	0.90	1890	12.20	0.04	5.6	14.9	450
M357677		2.90	16.20	0.11	1.4	0.062	2.84	24.4	12.7	0.78	679	1.28	2.18	8.4	2.5	580
M357678		2.74	15.25	0.14	1.3	0.039	2.97	25.3	15.6	0.70	843	1.09	1.87	8.0	2.3	570
M357679		2.56	14.80	0.17	1.1	0.048	2.83	28.7	29.5	1.00	3580	2.18	0.04	7.5	2.7	520
M357680		2.92	14.15	0.14	1.2	0.084	2.77	29.5	37.0	1.13	3220	1.63	0.02	7.0	2.3	520
M357681		2.51	13.70	0.15	1.3	0.095	2.90	22.8	43.8	0.77	2050	1.56	0.19	6.9	2.2	490
M357682		2.80	16.30	0.16	1.3	0.051	2.97	26.8	12.3	0.72	598	1.21	2.24	8.2	2.6	570
M357683		2.85	15.55	0.16	1.3	0.075	2.87	26.3	13.1	0.71	716	1.10	1.92	8.1	2.4	570
M357684		3.47	16.95	0.17	1.3	0.144	3.05	23.6	13.6	0.70	1320	1.01	1.79	8.1	2.7	550
M357685		2.68	16.55	0.16	1.3	0.037	2.84	25.8	16.6	0.74	733	1.26	2.12	8.5	2.7	570
M357686		2.87	16.50	0.15	1.1	0.047	2.70	25.5	17.4	0.81	630	1.32	2.39	8.4	2.7	610
M357687		3.23	14.95	0.14	1.0	0.210	2.48	19.8	14.8	0.75	1200	0.49	2.13	7.6	2.6	590
M357688		3.91	15.50	0.15	1.1	0.223	2.42	20.7	18.5	0.74	1760	0.66	1.95	8.2	2.4	630
M357689		3.97	15.85	0.12	1.2	0.234	2.87	26.6	19.9	0.67	1670	2.77	1.47	8.2	2.7	610
M357690		4.10	16.00	0.14	1.2	0.251	2.83	25.6	20.4	0.67	1640	2.86	1.52	8.4	2.7	610
M357691		3.62	15.55	0.15	1.1	0.179	3.35	26.8	16.8	0.73	1460	2.23	0.94	7.6	2.7	590
M357692		2.71	15.30	0.16	1.1	0.086	2.90	22.4	35.3	0.69	1140	2.25	0.82	7.6	2.3	550
M357693		2.64	15.30	0.15	1.4	0.062	2.99	19.6	23.5	0.70	820	3.46	1.42	8.1	2.4	570
M357694		2.78	16.35	0.13	1.1	0.053	3.00	21.6	20.5	0.68	661	3.12	1.84	8.0	2.5	580
M357695		0.45	0.18	0.12	<0.1	0.005	0.02	0.5	1.0	12.65	209	0.08	0.01	0.2	1.4	190
M357696		3.47	15.00	0.16	1.0	0.170	2.94	23.2	36.4	0.95	1480	3.66	0.29	7.5	3.1	560



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**CERTIFICATE OF ANALYSIS WH12213666**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M357661		21.4	114.0	<0.002	0.04	5.51	11.1	1	1.7	260	0.71	<0.05	12.9	0.249	3.4
M357662		33.7	104.5	<0.002	0.21	8.01	10.4	1	1.6	172.5	0.63	<0.05	13.2	0.231	4.5
M357663		23.4	105.5	<0.002	0.08	5.61	11.3	1	1.7	219	0.71	<0.05	12.9	0.256	3.1
M357664		64.3	98.1	<0.002	0.25	8.35	10.3	1	1.6	263	0.69	<0.05	12.8	0.246	4.4
M357665		1.5	1.3	<0.002	<0.01	<0.05	0.2	1	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	0.8
M357666		24.1	107.0	<0.002	0.07	3.51	11.0	1	1.7	337	0.69	<0.05	13.2	0.249	3.4
M357667		124.5	101.0	<0.002	0.42	12.45	9.9	1	1.5	179.5	0.65	<0.05	12.2	0.232	5.5
M357668		14.0	123.5	<0.002	0.05	3.83	9.9	<1	1.6	317	0.67	<0.05	13.3	0.247	3.6
M357669		17.8	109.5	<0.002	0.02	3.02	10.3	<1	1.7	363	0.66	<0.05	12.5	0.250	3.9
M357670		14.4	105.0	<0.002	0.06	3.00	10.0	1	1.8	304	0.63	<0.05	11.7	0.246	7.8
M357671		1330	155.0	<0.002	3.02	33.1	9.0	1	5.8	145.5	0.60	0.26	10.7	0.206	4.7
M357672		16.5	102.5	<0.002	0.02	1.87	10.4	1	1.7	346	0.62	<0.05	12.4	0.247	3.7
M357673		16.2	105.5	<0.002	0.03	2.25	10.2	1	1.5	328	0.62	<0.05	11.9	0.250	3.3
M357674		37.1	114.0	<0.002	0.10	6.52	9.3	1	1.4	230	0.61	<0.05	10.9	0.242	4.2
M357675		16.3	104.5	<0.002	0.02	1.99	9.9	1	1.5	349	0.68	<0.05	13.0	0.251	4.1
M357676		2870	148.5	0.002	4.79	88.7	7.8	1	7.3	84.5	0.45	0.35	10.4	0.182	5.1
M357677		16.4	113.0	<0.002	0.04	2.08	10.6	1	1.6	350	0.68	<0.05	13.0	0.254	4.1
M357678		17.9	114.5	<0.002	0.04	4.35	9.6	1	1.7	320	0.70	<0.05	12.5	0.251	4.0
M357679		160.5	152.5	0.002	1.17	33.5	9.9	1	3.4	172.5	0.61	<0.05	12.9	0.231	8.9
M357680		142.5	148.5	<0.002	1.21	38.0	9.3	1	1.8	154.0	0.57	<0.05	13.3	0.224	6.5
M357681		35.3	132.5	<0.002	0.54	13.20	8.7	1	2.6	125.5	0.59	<0.05	11.9	0.223	11.7
M357682		18.2	114.5	<0.002	0.03	2.64	10.2	1	1.8	360	0.68	<0.05	13.4	0.247	3.9
M357683		15.4	122.5	<0.002	0.05	3.15	9.9	1	2.3	296	0.65	<0.05	13.8	0.247	3.4
M357684		12.9	131.5	<0.002	0.30	3.59	10.7	1	1.8	242	0.68	0.07	13.1	0.245	7.2
M357685		18.0	112.5	<0.002	0.03	2.42	10.4	1	1.8	350	0.71	<0.05	13.5	0.248	4.4
M357686		17.8	94.7	<0.002	0.01	2.05	10.5	1	1.9	390	0.67	<0.05	12.3	0.259	3.5
M357687		8.2	102.5	<0.002	0.28	4.41	9.1	1	1.7	229	0.59	0.09	12.0	0.241	5.4
M357688		6.4	111.5	<0.002	1.07	4.99	10.2	1	2.1	172.5	0.68	0.07	12.5	0.252	5.3
M357689		8.5	137.0	<0.002	0.78	4.53	11.0	1	1.9	238	0.69	0.07	14.3	0.244	8.8
M357690		8.7	130.0	<0.002	0.85	4.48	10.8	1	2.0	245	0.75	<0.05	14.1	0.250	9.4
M357691		10.8	143.5	<0.002	0.41	5.32	10.8	1	2.0	228	0.58	0.35	12.7	0.244	5.1
M357692		18.5	111.5	<0.002	0.41	12.50	9.5	1	1.7	131.5	0.65	<0.05	12.9	0.248	11.4
M357693		19.2	111.5	<0.002	0.07	7.68	9.3	1	1.7	237	0.77	<0.05	11.8	0.243	4.3
M357694		16.6	112.0	<0.002	0.07	5.77	10.1	1	1.8	308	0.65	0.05	11.8	0.246	2.8
M357695		1.2	1.2	<0.002	<0.01	0.07	0.1	<1	<0.2	36.0	<0.05	<0.05	0.2	<0.005	1.1
M357696		10.9	115.5	<0.002	0.61	13.70	9.7	1	1.8	112.0	0.60	0.05	12.3	0.239	5.5



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Project: Klaza - 127

**CERTIFICATE OF ANALYSIS WH12213666**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357661		66	1.7	14.5	55	34.1	<1
M357662		61	2.0	16.2	107	32.0	<1
M357663		68	2.5	15.7	54	34.6	<1
M357664		62	2.0	14.4	96	47.5	<1
M357665		2	0.1	0.8	15	<0.5	<1
M357666		65	1.6	14.2	54	34.0	<1
M357667		59	2.1	13.7	84	34.1	1
M357668		67	2.8	14.2	56	28.2	<1
M357669		71	1.9	15.0	47	30.9	<1
M357670		67	2.6	14.8	46	29.4	<1
M357671		58	4.9	10.5	2970	37.8	9
M357672		68	2.6	15.4	48	28.6	<1
M357673		68	2.3	14.4	52	29.5	<1
M357674		65	3.2	13.1	79	27.8	<1
M357675		69	1.5	14.8	47	30.0	<1
M357676		59	5.1	8.8	5580	23.8	26
M357677		71	2.5	15.3	49	31.2	<1
M357678		70	2.8	14.3	50	30.5	<1
M357679		64	5.3	12.9	880	26.5	3
M357680		62	5.4	13.0	69	26.9	2
M357681		60	4.6	12.5	61	30.0	<1
M357682		69	2.4	14.5	47	30.4	<1
M357683		67	2.9	14.3	48	29.4	<1
M357684		70	3.4	14.2	59	30.3	<1
M357685		68	2.1	15.4	52	31.6	<1
M357686		71	1.6	14.9	51	27.3	<1
M357687		63	4.0	10.9	51	23.8	1
M357688		65	7.6	10.5	52	25.6	<1
M357689		65	7.2	11.2	54	28.1	<1
M357690		64	7.4	11.0	54	27.9	<1
M357691		66	7.5	13.4	53	26.0	1
M357692		70	2.8	14.3	52	27.6	<1
M357693		67	2.3	13.3	48	31.1	1
M357694		70	2.5	13.5	50	26.8	<1
M357695		1	0.1	0.6	14	<0.5	<1
M357696		67	4.0	12.6	61	23.3	<1



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Project: Klaza - 127

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**CERTIFICATE OF ANALYSIS WH12213666**

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



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**CERTIFICATE WH12213667**

Project: Klaza -127

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza -127

**CERTIFICATE OF ANALYSIS WH12213667**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357697		6.48	0.079	0.39	6.80	30.9	2450	1.32	1.13	3.25	0.11	43.6	22.7	7	11.55	2.7
M357698		7.12	<0.005	0.10	7.18	8.7	1930	1.42	0.30	2.12	0.19	45.7	4.2	8	12.05	9.5
M357699		5.45	<0.005	0.17	7.33	7.3	2110	1.79	0.44	2.55	0.12	48.6	6.9	9	13.40	18.2
M357700		4.30	0.006	0.66	7.49	21.6	1810	1.52	1.06	2.56	0.48	48.5	6.4	8	12.50	45.4
M357701		1.98	<0.005	0.57	6.76	12.0	2750	1.41	1.11	3.14	0.77	43.4	8.1	7	10.95	7.3
M357702		6.14	<0.005	0.19	7.70	8.2	2120	1.69	0.46	2.48	0.14	50.5	7.4	7	12.30	22.7
M357703		<0.02	<0.005	0.18	7.56	8.2	2080	1.68	0.49	2.42	0.15	49.7	7.8	7	12.35	21.5
M357704		5.08	<0.005	0.27	7.29	8.4	2190	1.58	1.16	2.70	0.14	46.2	8.7	8	10.95	39.0
M357705		6.45	<0.005	0.37	7.08	22.8	1910	1.36	0.30	1.96	0.99	45.9	4.9	7	15.85	11.5
M357706		4.95	<0.005	0.09	7.00	8.8	2410	1.63	0.25	2.45	0.09	46.5	5.8	9	12.85	7.3
M357707		5.30	<0.005	0.07	7.06	5.3	2000	1.77	0.18	2.36	0.11	47.0	7.0	11	16.10	9.0
M357708		2.66	0.012	1.06	6.31	86.9	1840	1.37	0.21	3.53	0.85	36.1	9.1	4	16.50	7.1
M357709		0.26	0.734	9.88	6.76	1840	1450	1.60	6.78	1.91	42.1	47.0	17.3	20	17.00	111.0
M357710		3.36	<0.005	0.17	7.04	24.4	1390	1.47	0.20	2.98	0.17	48.0	7.3	6	22.1	14.4
M357711		3.80	<0.005	0.13	7.24	18.2	1620	1.51	0.19	1.91	0.14	44.2	6.7	7	21.6	18.3
M357712		2.82	<0.005	0.29	7.38	25.7	1890	1.61	0.22	2.43	3.50	47.1	7.2	7	25.6	10.3
M357713		4.16	0.005	0.45	6.82	55.6	1530	1.57	0.22	2.77	0.21	46.4	5.7	6	20.7	15.5
M357714		3.30	0.005	2.34	6.92	41.3	1570	1.58	0.25	2.46	35.0	45.3	5.8	7	19.65	20.0
M357715		3.55	<0.005	0.01	0.05	<5	30	<0.05	0.01	20.0	0.07	1.09	1.0	<1	0.15	1.1
M357716		2.51	<0.005	1.49	6.93	23.1	1920	1.63	0.39	2.42	17.70	43.4	6.0	7	20.1	18.4
M357717		3.13	<0.005	0.85	6.61	19.0	1670	1.62	0.80	2.38	4.18	38.5	6.6	7	19.30	12.5
M357718		2.92	<0.005	0.38	7.12	29.6	2230	1.54	0.23	2.56	2.52	41.1	7.3	8	18.55	15.2
M357719		1.73	0.006	1.18	6.43	91.6	2440	1.78	0.28	3.14	6.77	40.1	7.2	6	17.30	18.1
M357720		5.08	0.029	0.97	6.84	167.0	1450	1.70	0.23	2.71	1.44	46.4	7.0	6	21.3	17.2
M357721		4.45	0.360	5.55	7.02	1705	900	1.76	0.29	2.37	27.7	42.5	10.8	6	19.25	24.7
M357722		3.30	<0.005	0.02	0.06	<5	20	<0.05	0.02	19.95	0.10	1.16	1.1	<1	0.19	1.5
M357723		3.04	0.468	10.60	7.34	1535	1700	1.75	0.42	2.46	7.53	54.3	16.3	7	16.85	7.1
M357724		4.03	0.178	1.65	7.00	742	1420	1.66	0.33	2.82	6.32	48.7	6.7	6	16.75	10.2
M357725		3.34	0.054	0.15	7.03	28.5	1980	1.84	0.25	2.30	0.27	46.3	4.2	7	19.80	4.4
M357726		1.83	<0.005	0.13	6.92	24.2	3130	1.32	0.22	2.19	0.25	45.2	3.8	7	19.10	5.9
M357727		2.89	0.007	0.26	6.67	49.4	1410	1.44	0.64	2.81	0.43	44.1	9.2	8	18.00	2.3
M357728		3.10	0.087	1.12	6.77	472	2150	1.31	0.32	2.67	6.04	48.6	6.1	6	17.45	5.6
M357729		2.63	<0.005	0.15	7.01	19.2	1520	1.35	0.31	2.58	0.19	46.4	6.4	7	17.70	12.9
M357730		0.26	0.792	10.40	6.41	1730	1440	1.29	6.34	1.88	41.1	45.6	15.9	20	16.00	110.0
M357731		3.05	<0.005	0.15	6.25	12.8	1650	1.22	0.17	4.11	0.23	45.0	6.6	6	30.6	13.8
M357732		7.05	<0.005	0.52	6.67	16.7	2130	1.45	0.21	2.51	2.90	42.2	6.6	7	25.4	11.8





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Project: Klaza -127

**CERTIFICATE OF ANALYSIS WH12213667**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357697		4.33	15.50	0.12	1.0	0.226	2.62	21.5	25.6	1.03	1690	1.75	1.27	7.6	3.1	560
M357698		2.68	16.65	0.12	1.0	0.098	2.91	22.7	18.4	0.64	696	3.13	1.78	8.4	2.5	580
M357699		2.81	16.90	0.12	1.1	0.057	2.82	24.1	17.2	0.71	739	2.82	2.11	8.2	2.7	580
M357700		3.03	17.05	0.12	1.2	0.119	3.07	24.2	18.2	0.82	963	2.97	1.89	8.4	3.0	640
M357701		2.92	15.65	0.12	1.0	0.111	2.98	21.9	12.6	0.60	1060	2.54	1.38	8.0	2.3	570
M357702		2.93	16.60	0.14	1.1	0.053	2.84	25.6	19.1	0.82	760	4.20	2.04	8.8	2.6	640
M357703		2.94	16.35	0.14	1.1	0.055	2.79	25.1	18.6	0.82	755	3.42	1.97	8.6	2.6	640
M357704		2.89	16.30	0.14	1.0	0.061	2.80	23.4	15.5	0.67	730	3.22	1.90	8.2	2.7	560
M357705		2.50	15.90	0.13	1.2	0.066	3.18	22.9	36.7	0.67	1560	2.95	0.31	8.1	2.3	530
M357706		2.74	16.00	0.12	1.2	0.079	2.89	23.1	17.8	0.75	680	1.09	1.89	8.2	2.6	560
M357707		2.64	16.20	0.13	1.3	0.044	2.70	22.8	33.5	0.68	629	1.19	1.93	8.4	2.5	560
M357708		4.33	15.25	0.13	1.0	0.092	2.80	18.6	29.6	1.39	2890	2.43	0.03	4.7	3.2	740
M357709		5.17	15.50	0.17	1.4	0.985	2.94	24.9	25.6	0.71	2020	12.75	0.27	7.9	16.4	510
M357710		2.47	15.20	0.13	1.2	0.049	2.25	25.3	100.5	0.98	993	1.13	0.03	7.8	2.6	540
M357711		2.62	16.90	0.12	1.3	0.053	3.10	21.8	71.5	0.64	699	1.11	0.19	8.4	2.5	580
M357712		3.16	17.70	0.14	1.5	0.061	3.20	22.5	44.8	0.80	1080	1.28	0.21	9.5	2.7	660
M357713		2.39	15.70	0.12	1.2	0.062	2.98	23.7	62.6	0.85	1020	1.17	0.06	7.8	2.5	560
M357714		3.03	15.45	0.14	1.1	0.070	3.05	22.9	42.3	0.89	1360	1.29	0.30	8.1	2.6	570
M357715		0.44	0.17	<0.05	<0.1	<0.005	0.02	0.5	0.9	12.35	189	0.08	<0.01	0.3	1.9	170
M357716		3.16	15.95	0.12	1.1	0.060	3.25	21.4	33.5	0.71	3330	0.90	0.70	8.0	2.5	550
M357717		2.84	15.75	0.13	1.1	0.041	3.02	18.3	30.0	0.62	3240	0.96	0.71	7.8	2.3	540
M357718		2.75	16.75	0.14	1.2	0.044	2.98	19.5	28.7	0.64	1390	1.28	1.15	8.0	2.6	580
M357719		2.73	15.60	0.14	1.1	0.042	2.92	19.8	27.4	0.87	2920	1.19	0.88	7.3	2.5	510
M357720		2.53	15.65	0.16	1.1	0.049	2.85	24.3	57.5	0.89	1440	1.05	0.20	7.5	2.5	520
M357721		3.28	17.45	0.17	1.0	0.084	2.75	21.5	54.6	0.77	4610	1.20	0.03	8.1	2.8	570
M357722		0.42	0.24	0.05	<0.1	<0.005	0.02	0.6	1.1	12.35	192	0.71	<0.01	0.3	1.9	260
M357723		3.89	16.85	0.14	1.0	0.179	3.11	28.7	69.3	0.92	1780	0.77	0.03	7.5	2.6	550
M357724		3.06	15.55	0.12	1.0	0.101	2.84	25.9	54.6	0.99	2420	1.82	0.02	7.5	2.5	530
M357725		2.56	16.05	0.14	1.1	0.067	3.13	23.6	76.7	0.82	903	1.09	0.05	7.7	2.3	550
M357726		2.51	15.55	0.12	1.1	0.069	3.14	23.5	71.5	0.74	881	1.09	0.05	8.4	2.6	580
M357727		3.07	15.35	0.13	1.0	0.133	3.08	22.6	58.5	0.92	1540	1.46	0.04	8.5	2.6	560
M357728		3.18	15.00	0.14	1.0	0.089	3.06	26.2	35.6	0.90	1500	2.15	0.04	8.1	2.9	520
M357729		2.74	15.85	0.14	1.1	0.075	2.99	23.8	71.2	0.83	767	1.36	0.06	8.8	2.8	560
M357730		4.98	15.00	0.16	1.3	0.942	2.77	24.0	23.6	0.67	1990	12.65	0.25	8.1	16.1	480
M357731		2.94	14.35	0.14	1.2	0.045	2.59	23.3	71.1	1.10	872	0.89	0.58	8.3	2.8	500
M357732		2.88	15.80	0.13	1.4	0.049	3.06	20.7	58.2	0.70	1940	1.06	1.02	9.0	2.7	540



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Project: Klaza -127

**CERTIFICATE OF ANALYSIS WH12213667**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M357697		10.7	102.0	<0.002	1.37	7.31	10.5	1	1.9	207	0.67	0.29	11.2	0.224	6.8
M357698		15.3	116.5	<0.002	0.02	6.94	10.8	1	1.9	258	0.72	<0.05	12.8	0.243	3.7
M357699		18.6	108.5	<0.002	0.02	3.58	11.7	1	2.0	355	0.74	<0.05	13.1	0.247	3.9
M357700		37.1	131.0	<0.002	0.22	11.05	11.6	1	2.2	298	0.70	<0.05	12.8	0.262	3.3
M357701		32.0	125.5	<0.002	0.18	5.43	9.8	1	1.9	231	0.68	<0.05	11.4	0.235	3.9
M357702		20.5	115.0	<0.002	0.02	3.43	11.4	1	2.2	360	0.75	<0.05	14.2	0.260	3.9
M357703		20.1	111.5	<0.002	0.02	3.43	11.2	1	2.0	351	0.75	<0.05	13.8	0.259	3.8
M357704		21.1	113.5	<0.002	0.02	10.40	10.4	1	1.9	358	0.71	<0.05	12.6	0.241	3.1
M357705		35.9	116.0	<0.002	0.11	13.55	9.9	1	1.6	129.0	0.73	<0.05	13.6	0.230	3.6
M357706		16.5	115.0	<0.002	0.03	2.55	10.7	1	1.6	319	0.72	<0.05	12.7	0.239	4.6
M357707		17.6	104.0	<0.002	0.03	4.00	10.6	1	1.6	341	0.73	<0.05	12.7	0.240	4.6
M357708		140.0	146.5	<0.002	0.77	22.4	10.1	1	1.4	182.5	0.35	<0.05	4.7	0.268	13.1
M357709		1530	153.0	<0.002	3.11	34.1	9.7	1	5.9	153.0	0.67	0.26	11.7	0.203	5.3
M357710		15.3	96.0	<0.002	0.22	15.95	10.2	1	1.5	195.5	0.71	<0.05	12.5	0.229	5.0
M357711		17.1	115.5	<0.002	0.08	17.00	11.4	1	1.6	153.5	0.74	<0.05	12.1	0.243	4.2
M357712		64.6	111.0	<0.002	0.11	14.00	13.3	1	2.2	158.5	0.88	<0.05	11.8	0.286	4.3
M357713		18.1	119.5	<0.002	0.28	16.20	10.6	1	1.5	160.5	0.68	<0.05	12.1	0.227	4.8
M357714		432	125.0	<0.002	0.36	15.90	10.6	1	2.7	159.5	0.70	<0.05	12.6	0.239	5.7
M357715		1.8	1.0	<0.002	<0.01	0.05	0.2	1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	0.7
M357716		230	125.5	<0.002	0.19	11.65	10.2	1	2.7	210	0.67	<0.05	11.4	0.235	4.0
M357717		104.0	108.0	<0.002	0.10	10.65	9.8	1	2.2	198.5	0.66	<0.05	10.3	0.232	4.9
M357718		68.4	105.5	<0.002	0.08	11.45	10.9	1	1.8	250	0.70	<0.05	11.4	0.245	3.4
M357719		219	106.0	<0.002	0.26	14.00	10.0	1	1.8	248	0.64	<0.05	10.1	0.216	3.1
M357720		29.9	125.5	<0.002	0.41	21.4	10.5	1	1.9	233	0.64	<0.05	12.0	0.221	3.6
M357721		550	112.0	<0.002	1.51	32.5	11.2	1	5.0	245	0.68	<0.05	11.9	0.238	4.2
M357722		2.0	1.2	<0.002	<0.01	0.09	0.2	1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	0.6
M357723		1840	135.5	<0.002	1.72	27.9	10.6	1	4.7	142.5	0.67	<0.05	12.9	0.222	4.8
M357724		190.0	124.5	<0.002	1.28	18.70	10.5	1	3.1	201	0.67	<0.05	12.7	0.220	4.9
M357725		24.6	128.5	<0.002	0.29	13.00	11.1	1	1.8	187.0	0.69	<0.05	13.0	0.232	4.3
M357726		16.4	134.0	<0.002	0.33	13.00	9.9	1	2.0	197.0	0.71	<0.05	13.0	0.242	3.6
M357727		15.8	125.5	<0.002	0.67	14.80	9.8	1	2.0	143.5	0.66	0.09	12.3	0.244	4.6
M357728		191.0	158.5	<0.002	1.06	16.10	9.9	1	4.1	157.0	0.65	<0.05	13.5	0.227	6.6
M357729		15.2	129.5	<0.002	0.26	16.00	10.4	1	1.8	207	0.75	<0.05	13.2	0.246	3.1
M357730		1320	173.0	<0.002	3.06	34.3	8.8	1	6.1	150.5	0.62	0.31	12.1	0.207	5.4
M357731		21.0	116.5	<0.002	0.08	15.10	9.2	1	1.6	278	0.71	<0.05	11.7	0.220	3.5
M357732		117.5	130.0	<0.002	0.10	13.45	9.9	1	2.0	268	0.79	<0.05	12.1	0.238	4.0



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Project: Klaza -127

**CERTIFICATE OF ANALYSIS WH12213667**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357697		66	5.0	14.1	62	25.8	<1
M357698		68	3.8	14.9	52	26.6	<1
M357699		70	3.2	16.1	55	29.7	<1
M357700		78	3.2	16.6	93	31.2	1
M357701		66	2.5	15.4	143	26.7	1
M357702		73	5.2	16.6	60	29.8	<1
M357703		73	3.4	16.1	60	28.6	<1
M357704		67	3.5	16.2	58	28.3	<1
M357705		64	3.4	14.2	108	31.3	<1
M357706		68	1.9	15.8	50	30.9	<1
M357707		69	1.1	15.6	52	35.0	<1
M357708		100	2.9	15.3	137	32.9	1
M357709		60	5.0	11.7	3120	40.0	11
M357710		63	5.2	14.7	48	30.5	<1
M357711		69	3.2	14.6	50	34.2	<1
M357712		87	4.1	17.1	277	36.8	<1
M357713		65	2.6	14.0	48	30.6	1
M357714		65	2.9	13.7	2000	29.8	3
M357715		1	0.1	0.8	15	<0.5	<1
M357716		68	4.0	14.4	1040	28.4	2
M357717		66	4.1	13.6	315	30.4	1
M357718		70	3.1	14.5	211	30.8	<1
M357719		62	2.1	14.4	486	28.0	2
M357720		62	2.7	14.7	130	28.4	1
M357721		66	4.6	12.6	1840	27.9	6
M357722		2	0.1	0.8	16	<0.5	<1
M357723		67	4.3	13.9	508	24.1	12
M357724		63	3.6	14.2	434	25.4	2
M357725		66	2.4	14.4	59	27.7	<1
M357726		65	2.6	14.3	54	30.9	<1
M357727		65	3.1	14.3	67	27.8	<1
M357728		60	3.0	14.5	403	28.4	1
M357729		65	2.7	16.0	55	30.9	<1
M357730		57	5.5	12.0	2940	41.8	10
M357731		60	2.1	16.5	60	33.6	<1
M357732		63	4.0	15.5	213	37.7	1



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**CERTIFICATE OF ANALYSIS WH12213667**

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



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**CERTIFICATE WH12213668**

Project: Klaza - 127

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12213668**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M357733		2.58	0.020	1.73	6.83	33.4	1220	1.25	0.36	2.63	1.17	45.3	6.1	9	19.90	9.2
M357734		2.83	5.73	>100	5.90	8940	1970	1.19	0.31	2.53	57.7	48.0	6.5	7	15.95	354
M357735		2.90	<0.005	0.07	0.05	5	20	0.06	0.02	21.6	0.07	1.05	1.6	<1	0.14	2.9
M357736		2.75	0.008	0.28	6.62	30.9	1870	1.50	0.21	2.41	0.16	42.1	2.5	10	14.25	5.0
M357737		6.98	<0.005	0.16	6.55	17.9	1870	1.41	0.31	2.38	0.12	37.9	3.5	10	9.71	2.5
M357738		8.14	0.008	0.12	6.83	15.4	2650	1.42	0.44	2.14	0.16	41.4	4.0	9	9.36	1.4
M357739		7.77	<0.005	0.19	6.94	12.1	2300	1.37	0.72	2.38	0.11	44.9	6.9	14	9.52	4.0
M357740		2.79	0.028	0.33	7.15	61.5	1660	1.39	0.26	1.95	0.23	47.3	5.1	10	17.00	6.0
M357741		<0.02	0.028	0.33	7.19	62.6	1670	1.27	0.25	1.95	0.23	46.8	5.3	11	16.80	6.6
M357742		5.29	0.010	0.14	7.01	33.4	1990	1.31	0.24	2.16	0.17	47.4	4.1	16	14.90	4.9
M357743		2.59	0.487	0.41	6.98	616	3150	1.39	0.27	1.78	0.74	51.1	3.0	8	12.50	1.6
M357744		2.80	0.006	1.37	7.48	63.3	2300	1.36	0.26	1.68	3.42	52.3	5.0	10	14.30	4.7
M357745		0.26	4.48	>100	5.17	7860	1300	1.05	55.0	1.93	221	38.4	8.7	18	11.75	1275
M357746		3.93	0.005	0.62	6.79	17.5	2830	1.31	0.99	2.43	0.29	44.6	5.3	10	11.50	2.2
M357747		2.25	<0.005	0.22	6.82	20.2	3260	1.36	0.37	2.14	0.16	47.2	3.7	14	11.10	2.5
M357748		2.77	1.405	>100	6.66	2190	960	1.41	0.53	1.96	35.0	45.0	9.5	11	14.05	175.5
M357749		3.20	<0.005	0.09	0.06	<5	30	0.05	0.02	20.9	0.09	1.36	1.1	1	0.16	2.1
M357750		5.27	0.007	0.36	7.58	16.6	2750	1.26	0.30	1.35	0.32	54.9	7.8	12	10.00	9.4
M357751		3.02	0.005	0.32	7.04	14.5	2360	1.36	0.37	2.25	0.29	47.6	7.3	14	13.05	10.6
M357752		4.27	<0.005	0.14	6.79	8.2	2160	1.39	0.19	2.44	0.24	45.3	6.1	16	12.35	13.7
M357753		3.86	<0.005	0.14	6.70	10.3	1960	1.31	0.32	2.53	0.14	45.0	5.2	9	12.05	16.0
M357754		2.18	<0.005	0.15	6.55	10.5	1940	1.27	0.22	2.55	0.15	42.4	5.2	14	12.25	18.7
M357755		8.40	<0.005	0.10	6.95	10.1	1970	1.37	0.22	1.95	0.16	46.2	4.4	10	11.35	8.3
M357756		8.39	<0.005	0.10	7.04	11.9	2000	1.38	0.22	2.27	0.15	49.5	7.5	15	10.85	12.9
M357757		8.16	<0.005	0.09	7.14	9.7	2200	1.45	0.18	2.30	0.14	51.1	6.0	10	11.70	9.1
M357758		7.49	<0.005	0.10	7.16	11.1	2330	1.43	0.23	2.00	0.10	47.5	3.3	13	8.79	3.4
M357759		0.26	0.823	10.15	6.64	1760	1700	1.38	6.32	1.89	42.1	47.6	16.8	19	16.30	114.0
M357760		6.56	<0.005	0.11	7.25	10.2	2380	1.30	0.26	2.20	0.10	54.3	4.4	13	7.72	6.6
M357761		7.71	<0.005	0.12	7.37	10.1	2690	1.31	0.24	2.23	0.13	55.6	5.1	9	9.35	14.0
M357762		2.37	<0.005	0.12	7.30	9.5	2980	1.17	0.27	1.00	0.11	51.0	9.4	12	7.32	6.1
M357763		2.70	0.015	0.20	6.88	20.5	3510	1.33	0.24	1.93	0.20	44.0	11.3	11	8.03	12.7
M357764		3.04	0.008	0.15	6.83	15.4	6200	1.41	0.26	2.23	0.26	49.1	6.3	15	9.82	3.2
M357765		7.34	<0.005	0.25	7.37	10.9	2560	1.53	0.23	1.87	0.19	47.0	3.5	13	9.01	5.7
M357766		2.53	0.028	1.20	6.39	109.0	2450	1.45	0.36	2.22	4.82	46.8	3.2	15	9.67	4.4
M357767		4.94	<0.005	0.09	7.06	6.9	2560	1.55	0.19	2.26	0.10	42.9	4.3	12	7.88	6.3
M357768		5.94	<0.005	0.10	6.69	7.1	2690	1.57	0.20	2.07	0.06	41.6	5.4	17	8.48	3.6



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**CERTIFICATE OF ANALYSIS WH12213668**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357733		2.54	15.05	0.13	1.1	0.063	2.42	23.7	106.5	0.82	1430	1.11	0.05	8.1	2.4	560
M357734		3.86	13.65	0.15	1.0	0.117	2.01	26.5	74.4	0.80	2520	8.32	0.04	6.7	3.2	440
M357735		0.50	0.35	0.10	<0.1	<0.005	0.02	0.5	1.0	12.65	207	0.08	<0.01	0.3	0.9	180
M357736		2.47	15.60	0.17	1.2	0.126	3.12	20.2	33.9	0.62	1080	1.33	1.25	8.6	2.5	570
M357737		2.70	15.20	0.14	1.2	0.122	2.45	18.6	15.4	0.70	818	0.84	2.16	8.5	2.7	530
M357738		2.72	15.20	0.14	1.1	0.102	2.74	21.3	34.7	0.68	819	0.67	2.20	8.1	2.6	550
M357739		3.33	16.60	0.14	1.0	0.104	2.74	23.0	13.1	0.74	825	1.37	2.13	8.2	3.1	550
M357740		2.64	16.40	0.13	1.2	0.068	3.54	24.4	30.0	0.63	1690	1.47	0.29	8.5	2.8	560
M357741		2.66	16.55	0.14	1.1	0.071	3.55	23.8	29.2	0.63	1670	1.54	0.30	8.4	2.8	560
M357742		2.67	16.65	0.15	1.1	0.097	3.32	23.8	33.4	0.63	985	1.72	0.64	8.3	2.7	550
M357743		3.00	15.95	0.15	0.9	0.139	3.36	26.9	21.1	0.69	2060	0.95	0.10	7.4	2.8	540
M357744		2.80	17.10	0.16	1.1	0.084	4.03	27.6	26.4	0.65	2340	1.97	0.07	8.8	2.9	570
M357745		7.63	13.20	0.20	1.1	4.74	2.20	20.6	29.9	0.61	3010	15.80	0.08	5.9	14.3	440
M357746		2.94	14.40	0.13	0.9	0.159	4.01	23.0	16.0	0.76	1530	3.45	0.33	7.7	2.3	560
M357747		3.78	16.75	0.15	1.0	0.242	3.93	24.6	18.8	0.67	1880	2.31	0.59	8.3	2.7	620
M357748		3.33	16.60	0.14	1.0	0.155	3.28	23.4	27.8	0.65	8230	3.84	0.05	7.4	2.8	500
M357749		0.45	0.27	0.14	<0.1	0.005	0.03	0.7	1.0	12.60	199	0.29	<0.01	0.3	5.6	250
M357750		2.87	17.35	0.17	1.2	0.076	3.31	28.5	27.0	0.57	1060	1.16	0.13	9.0	2.8	630
M357751		2.69	16.45	0.15	1.2	0.082	3.05	23.7	31.0	0.71	1300	2.17	0.95	8.7	2.8	560
M357752		2.62	16.30	0.13	1.3	0.069	2.94	23.2	9.9	0.68	745	1.84	1.89	8.4	3.0	530
M357753		2.63	16.20	0.14	1.2	0.088	2.75	22.6	18.4	0.72	704	1.46	1.72	8.3	2.7	530
M357754		2.62	16.25	0.15	1.2	0.089	2.72	21.4	19.5	0.72	725	2.55	1.68	8.3	2.7	530
M357755		2.69	16.60	0.14	1.2	0.099	2.85	24.3	14.4	0.55	855	1.55	1.50	8.5	2.7	530
M357756		2.59	16.80	0.14	1.3	0.062	2.76	25.6	15.7	0.64	647	2.54	1.87	8.6	2.8	540
M357757		2.66	17.20	0.16	1.3	0.051	2.83	26.2	15.7	0.68	642	2.08	1.92	8.9	2.9	560
M357758		2.67	16.20	0.15	1.2	0.063	3.09	24.5	14.3	0.52	646	2.00	1.44	8.5	2.6	560
M357759		5.11	15.65	0.18	1.4	0.945	2.83	25.4	25.4	0.69	2000	12.75	0.26	8.0	16.7	500
M357760		3.43	16.55	0.16	1.1	0.088	2.77	28.5	13.6	0.74	894	1.84	1.92	8.8	3.3	600
M357761		2.91	17.45	0.16	1.2	0.062	2.93	29.4	15.9	0.68	803	2.34	1.60	8.9	3.0	630
M357762		3.12	16.95	0.20	1.0	0.098	3.44	27.4	20.9	0.53	845	2.55	0.46	8.1	2.2	570
M357763		4.45	15.40	0.21	0.9	0.181	3.27	22.6	37.5	0.93	1700	2.57	0.45	7.2	2.4	550
M357764		3.40	15.70	0.20	0.9	0.096	2.87	25.0	27.7	0.87	1710	1.04	0.21	7.8	2.4	540
M357765		3.30	17.10	0.20	1.0	0.092	3.08	23.5	14.5	0.65	1200	1.38	1.25	8.4	2.2	570
M357766		3.20	15.25	0.20	0.9	0.114	3.12	23.5	14.1	0.63	2260	2.88	0.60	7.6	2.4	510
M357767		2.97	15.85	0.19	1.0	0.108	3.08	20.7	10.0	0.75	786	1.43	1.76	8.2	2.1	550
M357768		3.54	15.45	0.18	0.9	0.104	2.70	20.3	14.7	0.73	766	1.60	1.83	7.5	2.4	550



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Project: Klaza - 127

**CERTIFICATE OF ANALYSIS WH12213668**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357733		142.5	103.5	<0.002	0.20	22.8	10.3	1	1.8	232	0.66	<0.05	13.3	0.230	2.19	4.0
M357734		>10000	114.5	<0.002	2.26	388	8.7	1	9.5	230	0.54	<0.05	11.8	0.187	1.78	33.6
M357735		5.5	0.9	<0.002	0.02	0.17	0.3	1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M357736		19.8	141.0	<0.002	0.22	11.00	10.2	1	1.9	207	0.68	<0.05	11.4	0.231	2.03	4.2
M357737		15.0	110.5	<0.002	0.10	5.86	9.2	1	1.7	223	0.71	<0.05	10.6	0.225	1.48	3.3
M357738		17.0	113.5	<0.002	0.12	3.97	10.4	1	1.7	256	0.66	<0.05	12.1	0.229	1.47	4.1
M357739		17.3	118.5	<0.002	0.09	3.94	10.8	1	1.8	293	0.65	0.06	12.6	0.237	1.39	4.0
M357740		21.8	156.0	<0.002	0.60	16.80	11.3	1	1.9	148.5	0.68	<0.05	13.7	0.243	2.27	5.5
M357741		21.0	156.5	<0.002	0.61	16.55	11.3	1	1.9	150.5	0.67	<0.05	13.4	0.244	2.24	5.6
M357742		19.6	151.0	<0.002	0.16	15.40	11.4	1	2.2	182.0	0.68	<0.05	13.3	0.244	2.06	4.0
M357743		33.4	168.5	<0.002	0.58	19.55	11.1	1	2.5	110.0	0.59	<0.05	14.4	0.213	2.44	3.5
M357744		85.0	186.0	<0.002	0.47	19.20	12.3	1	2.5	135.5	0.66	<0.05	14.6	0.257	2.66	5.4
M357745		9270	150.0	<0.002	6.88	218	7.9	2	9.0	124.0	0.44	0.51	8.9	0.180	2.09	5.3
M357746		30.7	177.0	<0.002	0.39	8.98	10.5	1	2.0	151.5	0.62	0.12	13.2	0.230	2.73	4.3
M357747		13.6	171.5	<0.002	0.26	8.90	10.8	1	2.3	166.0	0.63	<0.05	13.2	0.248	2.58	5.5
M357748		1670	157.5	<0.002	1.51	241	10.0	1	4.1	131.0	0.61	<0.05	11.7	0.222	2.51	3.7
M357749		3.0	1.6	<0.002	<0.01	0.25	0.2	1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M357750		19.2	159.0	<0.002	0.13	15.65	12.7	1	2.3	113.0	0.73	<0.05	15.2	0.264	1.90	2.3
M357751		21.8	139.5	<0.002	0.16	14.20	10.6	1	2.0	234	0.70	<0.05	12.8	0.242	1.69	3.8
M357752		22.5	131.5	<0.002	0.04	3.57	10.6	1	1.8	327	0.71	<0.05	12.9	0.231	1.52	4.3
M357753		16.7	117.0	<0.002	0.05	5.81	10.3	1	1.6	312	0.69	<0.05	12.3	0.232	1.37	4.6
M357754		17.2	110.0	<0.002	0.06	6.35	10.5	1	1.7	307	0.68	<0.05	11.8	0.231	1.39	4.4
M357755		17.6	132.5	<0.002	0.02	7.31	11.2	1	1.7	254	0.70	<0.05	13.5	0.238	1.43	3.6
M357756		21.4	124.0	<0.002	0.04	4.78	11.3	1	1.6	302	0.74	<0.05	14.7	0.238	1.19	4.6
M357757		20.9	128.5	<0.002	0.03	4.03	11.9	1	1.7	326	0.73	<0.05	13.6	0.241	1.28	4.3
M357758		15.3	132.5	<0.002	0.05	6.38	11.0	1	1.9	230	0.73	<0.05	13.3	0.241	1.45	3.3
M357759		1355	179.0	<0.002	3.14	35.2	9.8	1	6.2	153.5	0.63	0.29	12.5	0.210	2.47	5.5
M357760		12.9	124.0	<0.002	0.24	3.48	12.4	1	2.1	247	0.68	<0.05	13.1	0.254	1.39	3.7
M357761		21.9	133.5	<0.002	0.03	7.80	13.4	1	2.1	280	0.71	<0.05	14.2	0.264	1.37	4.0
M357762		13.2	135.0	<0.002	0.12	11.45	10.5	1	2.0	114.0	0.63	<0.05	13.5	0.240	1.59	2.8
M357763		14.2	124.5	<0.002	0.72	7.62	10.9	2	1.7	153.5	0.51	<0.05	13.0	0.209	1.83	5.7
M357764		10.7	106.0	<0.002	0.31	14.10	10.4	2	1.6	135.0	0.58	<0.05	12.8	0.222	1.73	1.6
M357765		16.0	113.5	<0.002	0.08	7.43	11.0	2	1.9	213	0.68	<0.05	12.1	0.241	1.49	2.6
M357766		111.0	130.0	<0.002	0.52	10.20	10.4	2	1.7	130.0	0.58	<0.05	10.9	0.210	2.00	6.0
M357767		14.4	113.5	<0.002	0.02	2.89	10.3	2	1.8	290	0.67	<0.05	11.4	0.227	1.54	3.3
M357768		13.7	93.3	<0.002	0.04	3.16	10.3	2	1.7	264	0.58	<0.05	10.9	0.215	1.38	3.6





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**CERTIFICATE OF ANALYSIS WH12213668**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M357733		61	3.3	15.4	110	31.3	1		
M357734		53	3.2	14.2	3490	28.8	204	1.510	
M357735		1	0.1	0.8	12	<0.5	<1		
M357736		62	2.1	14.4	46	34.6	<1		
M357737		60	2.6	13.8	47	33.8	<1		
M357738		61	2.3	13.7	50	29.8	<1		
M357739		65	2.3	14.9	50	28.5	<1		
M357740		66	3.1	15.5	49	32.6	<1		
M357741		67	3.1	15.2	48	30.9	<1		
M357742		66	3.0	14.4	50	30.6	<1		
M357743		62	2.5	14.1	93	25.8	<1		
M357744		71	5.3	14.8	267	30.5	1		
M357745		52	4.6	10.0	>10000	35.2	124	1.605	
M357746		62	2.4	14.8	70	25.5	1		
M357747		65	3.0	14.5	77	28.8	<1		
M357748		60	5.3	12.2	3340	27.7	169		
M357749		2	0.1	0.9	18	0.8	<1		
M357750		72	4.8	16.9	68	34.0	<1		
M357751		64	3.7	15.3	57	33.7	<1		
M357752		63	2.7	15.4	53	35.0	<1		
M357753		62	2.5	15.1	45	32.8	<1		
M357754		62	2.6	14.7	47	31.2	<1		
M357755		62	3.4	15.5	47	32.5	<1		
M357756		63	2.5	16.3	50	35.0	<1		
M357757		64	2.2	16.8	48	36.8	<1		
M357758		64	2.3	14.4	50	30.9	<1		
M357759		57	5.5	12.2	2960	41.8	9		
M357760		69	2.2	15.4	60	29.9	<1		
M357761		75	3.1	17.1	53	31.7	<1		
M357762		68	3.7	13.8	65	27.9	<1		
M357763		62	3.1	12.7	93	26.1	<1		
M357764		65	2.2	13.3	77	26.2	<1		
M357765		70	2.2	14.0	70	29.2	<1		
M357766		63	3.7	13.1	389	24.7	<1		
M357767		64	2.3	14.1	58	27.3	<1		
M357768		67	2.4	12.2	66	24.8	<1		



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**CERTIFICATE OF ANALYSIS WH12213668**

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



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**CERTIFICATE WH12215615**

Project: Klaza - 100

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12185467\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 100

**CERTIFICATE OF ANALYSIS WH12215615**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N811379		0.005
N811380		<0.005
N811381		2.40
N811382		<0.005
N811383		0.073
N811384		<0.005
N811385		<0.005
N811386		<0.005
N811387		<0.005
N811388		0.006
N811389		<0.005
N811390		0.098
N811391		<0.005
N811392		<0.005
N811393		<0.005
N811394		<0.005
N811395		<0.005
N811396		0.005
N811397		0.014
N811398		0.029
N811399		4.33
N811400		0.012
N811401		0.021
N811402		0.052
N811403		0.095
N811404		0.101
N811405		0.376
N811406		<0.005
N811407		0.029
N811408		0.025
N811409		0.005
N811410		0.005
N811411		0.009
N811412		<0.005
N811413		0.008
N811414		<0.005

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12185467\*\*



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**CERTIFICATE WH12215616**

Project: Klaza - 101

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12187456\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 101

**CERTIFICATE OF ANALYSIS WH12215616**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N811625		0.006
N811626		<0.005
N811627		0.024
N811628		<0.005
N811629		<0.005
N811630		<0.005
N811631		4.46
N811632		<0.005
N811633		<0.005
N811634		0.925
N811635		<0.005
N811636		0.007
N811637		<0.005
N811638		<0.005
N811639		<0.005
N811640		<0.005
N811641		<0.005
N811642		0.058
N811643		<0.005
N811644		<0.005
N811645		<0.005
N811646		4.30
N811647		<0.005
N811648		<0.005
N811649		2.37
N811650		<0.005
N811651		0.010
N811652		0.005
N811653		<0.005
N811654		<0.005
N811655		<0.005
N811656		<0.005
N811657		<0.005
N811658		<0.005
N811659		<0.005
N811660		<0.005

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12187456\*\*



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**CERTIFICATE WH12215623**

Project: Klaza-126

P.O. No.: Batch 7

This report is for 14 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-126

**CERTIFICATE OF ANALYSIS WH12215623**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359879		2.55	0.248	5.04	6.74	264	380	1.29	4.86	1.29	159.0	51.3	6.1	8	10.10	520
M359880		3.53	0.040	0.72	7.11	36.3	850	1.45	1.98	1.54	0.97	46.8	9.2	10	11.05	64.1
M359881		4.28	0.152	0.66	6.79	59.0	690	1.43	2.11	1.35	0.74	49.7	10.5	17	9.74	79.6
M359882		<0.02	0.173	0.60	6.75	56.4	730	1.12	2.32	1.27	0.47	41.3	10.2	18	8.44	71.6
M359883		6.99	0.027	0.31	7.09	28.8	690	1.56	1.17	1.97	0.36	49.2	6.2	9	12.35	83.0
M359884		2.65	0.846	7.63	6.10	688	560	1.12	35.4	1.65	2.85	31.2	7.0	8	6.38	85.2
M359885		2.68	<0.005	0.13	0.08	<5	30	0.05	0.17	20.7	0.08	1.47	0.6	<1	0.20	4.1
M359886		5.12	0.126	0.50	7.17	43.7	1090	1.53	1.04	2.52	0.54	51.1	6.6	9	16.70	107.5
M359887		7.18	0.032	0.59	7.29	36.2	600	1.31	1.40	2.20	0.68	76.4	14.6	10	11.35	88.6
M359888		2.41	0.356	2.43	6.83	332	730	1.22	6.59	1.32	0.93	47.8	5.5	9	6.60	126.5
M359889		2.99	<0.005	0.09	0.07	<5	40	<0.05	0.02	20.3	0.05	1.07	0.6	<1	0.14	1.8
M359890		4.60	0.055	1.35	7.02	55.4	270	1.23	3.55	0.77	0.69	45.6	4.5	10	8.10	74.2
M359891		2.00	0.034	0.57	7.11	34.0	700	1.67	1.23	2.42	0.58	43.8	8.3	8	12.60	172.5
M359892		7.45	0.023	0.65	7.08	14.6	530	1.53	1.27	2.27	0.51	47.6	7.7	11	9.34	200





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**CERTIFICATE OF ANALYSIS WH12215623**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
M359879		5.73	16.35	0.17	1.0	1.365	3.14	26.1	8.3	0.71	942	12.45	0.04	5.3	3.2	510
M359880		4.90	14.25	0.16	1.0	0.114	3.41	24.0	11.6	0.78	576	23.8	0.07	5.1	3.0	520
M359881		5.41	15.30	0.14	1.1	0.123	3.22	25.3	14.1	0.69	436	3.04	0.14	4.4	3.5	510
M359882		5.60	13.65	0.12	1.0	0.103	3.22	20.9	11.4	0.67	426	2.57	0.13	3.7	3.4	490
M359883		3.68	15.35	0.16	1.1	0.087	3.08	25.5	25.6	0.72	444	3.12	0.26	6.0	2.4	550
M359884		9.16	13.85	0.17	0.9	0.214	2.97	17.6	7.2	0.94	876	5.17	0.05	2.2	2.5	420
M359885		0.46	0.29	0.09	<0.1	<0.005	0.03	0.7	1.1	12.50	189	0.21	0.01	0.2	1.6	400
M359886		3.30	15.40	0.17	0.9	0.081	3.07	25.8	16.3	1.02	604	1.04	0.05	5.4	2.6	530
M359887		4.28	15.50	0.18	0.9	0.158	3.09	47.9	8.1	0.96	549	0.93	0.55	3.6	3.0	540
M359888		6.88	14.60	0.06	0.9	0.185	3.18	24.6	5.4	0.51	457	2.28	0.06	3.7	2.1	480
M359889		0.44	0.22	<0.05	<0.1	<0.005	0.03	0.5	1.0	12.20	184	0.14	<0.01	0.2	0.9	200
M359890		5.72	14.20	0.07	1.1	0.192	3.26	23.3	5.1	0.57	369	0.83	0.05	4.5	2.0	510
M359891		3.24	15.10	0.07	1.5	0.071	2.67	22.0	12.8	0.70	327	1.05	0.92	6.6	2.0	560
M359892		3.52	15.85	0.07	1.3	0.055	2.60	24.4	10.9	0.73	257	1.40	1.58	6.8	2.1	540



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**CERTIFICATE OF ANALYSIS WH12215623**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359879		950	162.0	0.008	6.21	38.8	9.1	2	14.7	30.0	0.48	0.16	14.0	0.185	2.89	4.3
M359880		37.9	168.5	0.007	4.34	7.49	9.5	2	6.1	67.7	0.46	0.22	13.2	0.178	2.40	4.4
M359881		58.9	163.5	0.002	5.08	6.46	10.4	2	8.1	73.4	0.39	0.34	12.8	0.155	2.35	4.1
M359882		59.7	148.5	0.002	5.47	5.45	9.2	2	7.4	59.9	0.38	0.47	11.6	0.151	2.14	3.8
M359883		23.2	124.5	<0.002	2.36	18.85	9.6	2	4.3	151.0	0.54	0.11	12.4	0.202	2.24	5.3
M359884		141.0	149.5	0.003	10.00	21.3	7.8	5	12.9	29.3	0.22	1.12	10.6	0.098	2.04	2.9
M359885		2.3	2.1	0.002	0.02	0.21	0.2	<1	0.3	45.8	<0.05	<0.05	0.2	<0.005	0.04	0.7
M359886		18.0	151.0	<0.002	2.21	22.1	9.8	1	4.4	87.4	0.45	0.14	12.9	0.193	2.64	4.7
M359887		27.7	162.5	<0.002	3.62	13.85	9.2	1	4.6	87.8	0.33	0.14	13.2	0.147	2.68	4.4
M359888		109.5	169.0	<0.002	7.30	12.95	8.7	3	8.0	35.5	0.32	0.26	11.0	0.131	2.05	3.4
M359889		1.4	1.4	<0.002	0.02	0.11	0.1	<1	0.2	41.4	<0.05	<0.05	<0.2	<0.005	0.03	0.7
M359890		39.3	149.5	<0.002	5.54	4.44	9.3	2	7.9	27.7	0.43	0.24	11.8	0.148	2.02	3.4
M359891		30.6	108.0	<0.002	2.18	5.78	9.6	2	3.8	194.0	0.68	0.21	12.0	0.206	1.86	4.2
M359892		36.7	104.0	<0.002	2.42	1.46	9.6	2	4.1	285	0.66	0.16	11.2	0.197	1.49	4.5



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**CERTIFICATE OF ANALYSIS WH12215623**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M359879		60	11.5	10.9	>10000	23.8	5	1.370
M359880		61	15.5	11.9	83	24.5	<1	
M359881		63	12.5	11.5	79	26.5	<1	
M359882		63	12.3	9.8	69	22.2	<1	
M359883		64	7.8	12.9	77	26.3	<1	
M359884		53	9.2	7.3	231	21.2	7	
M359885		2	0.2	0.9	16	<0.5	<1	
M359886		63	8.0	12.4	85	22.8	<1	
M359887		63	6.8	11.3	104	21.0	<1	
M359888		59	15.0	9.9	97	21.4	1	
M359889		2	0.1	0.7	13	<0.5	<1	
M359890		59	15.6	10.8	88	24.9	<1	
M359891		64	7.7	12.7	95	29.4	<1	
M359892		61	9.5	12.9	83	28.0	<1	



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**CERTIFICATE OF ANALYSIS WH12215623**

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



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**CERTIFICATE WH12215624**

Project: Klaza-127

P.O. No.: Batch 7

This report is for 32 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12215624**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357841		7.91	<0.005	0.09	6.48	5.0	730	1.97	0.06	2.63	0.06	41.5	3.8	9	31.1	3.2
M357842		9.18	<0.005	0.04	6.76	4.2	900	2.07	0.05	2.86	0.08	40.7	4.0	8	30.9	2.2
M357843		8.82	<0.005	0.05	6.61	4.1	850	2.06	0.06	2.93	0.09	39.1	3.7	8	33.4	1.5
M357844		8.39	<0.005	0.05	6.48	4.0	640	2.07	0.12	3.04	0.08	38.7	3.8	8	31.4	1.3
M357845		7.82	<0.005	0.05	6.93	3.6	1020	2.06	0.06	2.76	0.09	43.9	4.1	9	33.9	3.2
M357846		6.96	<0.005	0.04	6.88	4.8	690	2.12	0.07	1.92	0.15	47.6	3.2	7	30.1	2.8
M357847		<0.02	<0.005	0.03	7.27	4.6	680	2.30	0.07	1.97	0.15	48.6	3.1	7	29.5	2.5
M357848		8.06	0.177	0.07	6.74	7.8	920	2.01	0.04	1.68	0.28	49.1	2.9	6	26.8	5.0
M357849		7.46	<0.005	0.03	7.09	6.1	720	1.99	0.16	1.66	0.13	45.3	2.8	6	23.8	6.3
M357850		2.80	<0.005	0.09	6.45	8.0	3440	1.99	0.51	1.95	0.16	38.0	2.6	2	24.3	14.3
M357851		2.44	<0.005	0.30	7.66	13.1	3560	1.88	0.41	2.93	0.26	47.5	8.4	9	20.7	21.1
M357852		0.24	2.14	24.8	5.99	3270	1360	1.21	18.70	2.22	78.3	41.5	10.8	17	14.15	437
M357853		8.23	0.007	0.78	7.79	11.8	2350	1.53	0.49	2.57	1.22	49.6	6.7	10	11.50	113.0
M357854		5.19	0.017	0.99	7.43	143.0	2020	1.48	0.44	2.50	6.66	44.1	5.5	11	12.85	59.1
M357855		2.35	0.149	1.07	7.77	837	1320	1.74	0.64	2.20	4.47	52.1	6.0	8	19.80	39.3
M357856		2.92	0.375	2.44	5.81	3860	910	1.24	0.29	2.44	5.54	43.4	5.3	7	12.35	43.3
M357857		3.24	0.214	7.21	6.59	2050	450	1.15	0.46	2.41	44.3	42.3	6.9	6	11.10	89.0
M357858		2.16	<0.005	0.21	0.06	9	20	<0.05	0.01	20.3	0.16	1.17	0.6	<1	0.16	2.3
M357859		2.46	0.010	0.20	7.66	17.0	1910	1.78	0.27	2.06	0.27	45.1	5.2	10	15.70	32.8
M357860		3.30	<0.005	0.51	7.50	10.8	2350	1.50	0.22	2.35	0.12	38.7	5.1	10	10.40	27.7
M357861		5.68	<0.005	0.33	7.54	9.9	2670	1.63	0.26	2.04	0.12	40.9	7.1	9	9.77	64.7
M357862		2.74	<0.005	0.33	6.84	18.4	2030	1.24	0.24	2.90	0.30	37.5	5.6	7	14.20	44.7
M357863		6.39	<0.005	0.16	7.25	8.4	2130	1.74	0.21	2.55	0.13	42.6	5.8	9	10.75	17.1
M357864		0.24	0.765	9.68	6.56	1710	970	1.51	6.13	1.87	40.8	42.5	16.2	19	15.45	105.0
M357865		5.29	<0.005	0.32	7.71	7.3	2370	1.65	0.19	2.38	0.14	44.4	3.9	10	7.73	10.1
M357866		2.87	<0.005	0.19	7.72	10.6	3670	1.56	0.21	2.54	0.14	42.6	7.1	7	9.48	6.6
M357867		3.84	<0.005	0.14	7.99	18.1	1900	1.66	0.26	2.37	0.19	53.9	5.1	8	11.75	5.6
M357868		3.26	0.008	0.15	7.62	44.0	2170	1.58	0.29	2.02	0.40	45.9	3.7	8	12.75	4.9
M357869		3.23	0.010	0.31	7.07	48.6	2390	1.61	0.24	2.51	1.01	44.6	6.2	10	11.70	7.9
M357870		2.98	<0.005	0.03	0.07	<5	30	0.06	0.02	20.3	0.08	1.16	0.6	<1	0.59	1.7
M357871		3.36	0.008	0.26	7.27	63.4	1780	1.59	0.21	2.25	0.44	45.2	4.8	8	13.00	10.9
M357872		1.94	0.034	0.68	6.79	74.3	2090	1.60	0.20	2.77	1.07	43.7	4.6	7	15.00	16.5



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357841		1.89	17.15	0.09	1.9	0.026	2.85	18.8	40.6	0.60	439	0.84	0.56	9.3	1.9	530
M357842		1.92	17.30	0.08	1.8	0.024	2.82	19.3	44.6	0.64	460	0.63	0.27	9.3	1.9	540
M357843		1.84	16.35	0.06	1.7	0.027	2.91	18.5	47.0	0.66	474	0.91	0.61	9.1	1.8	520
M357844		1.80	16.20	0.09	1.7	0.022	2.70	17.3	80.4	0.63	485	1.07	0.09	8.9	1.7	520
M357845		2.02	17.50	0.07	1.8	0.026	3.15	21.2	77.3	0.67	476	1.02	0.77	9.8	2.1	550
M357846		1.64	17.25	0.08	2.1	0.022	2.62	24.4	65.6	0.61	533	0.86	0.04	9.7	1.6	430
M357847		1.74	16.80	0.10	2.1	0.022	2.69	24.9	63.1	0.64	547	0.90	0.04	9.6	1.5	460
M357848		1.49	15.40	0.09	2.1	0.024	2.46	26.6	67.7	0.58	539	0.93	0.04	8.9	1.2	370
M357849		1.54	15.55	0.08	2.2	0.018	2.92	22.9	33.5	0.54	397	0.88	0.04	9.1	1.2	390
M357850		1.21	14.60	0.09	2.7	0.010	2.38	20.1	66.9	0.56	413	2.20	0.05	10.4	0.6	140
M357851		3.58	15.90	0.10	1.3	0.065	3.23	22.3	44.4	0.90	849	1.28	0.93	8.0	2.4	580
M357852		6.33	13.85	0.06	1.0	1.650	2.57	24.8	23.4	0.90	1840	13.10	0.04	5.7	14.9	430
M357853		2.99	16.30	0.06	1.2	0.081	2.97	25.7	12.2	0.80	613	2.16	2.34	8.0	2.3	590
M357854		3.22	15.55	0.05	1.3	0.226	3.06	22.3	17.8	0.80	1220	5.75	1.81	8.4	2.5	630
M357855		3.18	16.00	0.07	1.2	0.117	3.60	26.3	90.8	0.79	3360	3.64	0.07	7.7	2.3	620
M357856		3.42	12.60	0.06	0.9	0.126	2.63	22.7	32.1	0.82	3830	3.75	0.03	6.1	2.6	440
M357857		3.61	13.35	0.07	1.1	0.334	3.03	21.7	17.8	0.73	5860	6.35	0.03	6.3	2.2	470
M357858		0.46	0.18	<0.05	<0.1	0.005	0.03	0.6	1.0	12.15	216	0.13	<0.01	0.1	1.1	160
M357859		2.72	16.20	<0.05	1.4	0.053	3.04	23.4	39.5	0.64	739	1.54	1.84	8.3	2.1	540
M357860		2.90	15.25	0.08	1.2	0.062	2.97	19.0	12.5	0.75	575	0.87	2.26	7.4	2.5	590
M357861		3.24	15.60	0.09	1.1	0.082	3.07	20.8	15.8	0.69	730	1.33	1.81	7.5	2.4	560
M357862		2.82	14.35	<0.05	1.3	0.061	3.03	19.2	44.7	0.95	1080	1.17	0.29	7.2	2.1	520
M357863		2.86	15.65	0.07	1.3	0.048	2.79	21.1	18.3	0.76	620	1.89	1.96	8.2	2.2	580
M357864		5.01	14.50	<0.05	1.4	0.855	2.77	22.8	24.1	0.69	1900	12.25	0.26	7.1	14.3	470
M357865		3.13	16.00	0.05	1.2	0.062	2.85	22.5	10.7	0.82	590	0.68	2.30	8.1	2.4	600
M357866		4.32	15.70	0.07	1.0	0.108	3.21	20.8	15.9	0.91	1320	0.32	2.12	7.3	2.6	600
M357867		4.82	17.70	<0.05	1.2	0.110	2.99	26.4	31.5	0.86	2290	0.28	1.87	7.4	2.9	600
M357868		3.39	15.55	0.06	1.2	0.092	3.21	23.9	55.5	0.66	1760	1.01	0.95	7.7	2.0	610
M357869		3.11	14.60	0.05	1.3	0.045	2.96	21.3	27.2	0.78	1190	1.19	1.32	7.7	2.1	540
M357870		0.46	0.21	<0.05	<0.1	0.007	0.04	0.6	1.4	12.15	200	0.14	0.01	0.2	1.1	170
M357871		3.12	15.55	0.08	1.5	0.043	3.23	24.4	50.9	0.71	999	2.73	1.23	8.3	2.3	550
M357872		3.35	16.05	0.14	1.3	0.046	3.53	20.8	43.0	0.79	1960	2.40	0.88	9.0	5.3	530



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**CERTIFICATE OF ANALYSIS WH12215624**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357841		17.7	96.6	<0.002	0.02	4.63	4.7	1	1.5	434	0.84	<0.05	7.6	0.191	1.74	4.0
M357842		18.0	98.1	<0.002	0.03	4.29	4.8	1	1.4	432	0.87	<0.05	7.7	0.194	1.79	3.9
M357843		16.9	101.5	<0.002	0.10	3.69	4.9	1	1.3	417	0.76	<0.05	7.4	0.199	1.88	4.3
M357844		15.5	78.9	<0.002	0.18	5.32	4.6	1	1.3	382	0.80	<0.05	7.2	0.197	1.85	4.3
M357845		18.6	108.0	<0.002	0.11	4.66	5.1	1	1.5	420	0.88	<0.05	8.0	0.205	2.19	4.6
M357846		22.3	106.5	0.002	0.08	7.56	4.7	1	1.6	262	0.91	<0.05	9.4	0.167	1.89	4.9
M357847		22.1	97.2	<0.002	0.09	7.17	4.6	1	1.5	276	0.92	<0.05	9.9	0.172	2.02	5.2
M357848		25.2	98.1	<0.002	0.07	11.00	4.1	<1	1.8	262	0.88	<0.05	10.2	0.141	1.71	5.3
M357849		20.0	110.5	<0.002	0.04	4.66	3.8	1	1.9	312	0.95	<0.05	10.3	0.144	1.75	5.1
M357850		17.2	102.5	<0.002	0.10	11.40	2.6	1	3.1	292	1.22	<0.05	12.2	0.066	1.44	8.0
M357851		14.7	128.0	<0.002	0.14	11.00	9.7	1	1.8	341	0.69	0.05	12.4	0.233	1.94	3.8
M357852		2760	152.5	0.003	4.60	93.0	8.0	1	7.9	91.7	0.46	0.41	9.7	0.170	2.31	4.8
M357853		70.9	118.0	0.002	0.07	3.24	10.7	1	2.1	371	0.66	<0.05	12.1	0.260	1.37	4.1
M357854		204	115.5	<0.002	0.24	9.82	10.6	1	2.1	316	0.74	<0.05	10.6	0.262	1.55	3.9
M357855		88.2	154.0	0.002	0.71	31.8	10.5	1	2.2	256	0.65	0.05	14.2	0.254	2.39	4.4
M357856		214	173.5	<0.002	1.93	72.6	8.5	1	3.0	108.0	0.50	<0.05	9.7	0.185	2.38	6.1
M357857		1395	188.0	0.002	2.36	58.8	8.3	1	4.0	72.6	0.56	0.05	10.9	0.204	2.89	5.1
M357858		3.9	1.4	<0.002	0.01	0.21	0.1	1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.03	0.7
M357859		20.9	139.0	<0.002	0.03	10.70	9.6	<1	1.9	306	0.79	0.06	14.7	0.225	1.60	5.4
M357860		17.3	102.5	<0.002	0.04	4.58	9.4	1	1.6	357	0.65	<0.05	10.4	0.248	1.36	3.8
M357861		15.7	130.0	<0.002	0.12	7.55	10.1	1	2.0	289	0.64	<0.05	10.2	0.241	1.50	3.4
M357862		14.6	112.5	<0.002	0.22	21.6	9.1	1	2.0	192.0	0.69	<0.05	11.5	0.227	1.92	4.4
M357863		15.5	104.0	<0.002	0.06	4.30	10.1	1	1.8	332	0.70	<0.05	10.8	0.250	1.32	3.5
M357864		1280	144.5	0.003	2.91	33.3	8.3	1	5.7	144.0	0.60	0.29	10.5	0.196	2.34	4.7
M357865		17.0	114.0	<0.002	0.02	2.39	10.6	1	2.2	356	0.70	<0.05	11.0	0.254	1.24	3.6
M357866		14.8	113.5	<0.002	0.18	3.28	10.1	1	2.0	306	0.61	<0.05	9.8	0.252	1.67	4.0
M357867		12.8	117.0	<0.002	0.31	5.12	10.2	1	2.1	181.0	0.63	<0.05	13.0	0.247	2.14	3.5
M357868		20.2	129.5	<0.002	0.23	8.23	10.6	1	2.3	182.0	0.68	<0.05	11.8	0.258	1.98	4.1
M357869		21.3	113.5	<0.002	0.27	8.42	9.1	<1	1.8	252	0.71	<0.05	11.8	0.227	1.66	4.0
M357870		1.4	2.5	<0.002	<0.01	0.06	0.1	<1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M357871		30.6	132.0	<0.002	0.21	8.92	9.6	1	1.7	220	0.80	<0.05	12.8	0.227	1.73	3.9
M357872		33.1	145.5	<0.002	0.97	8.75	10.0	1	2.0	222	0.79	<0.05	10.9	0.233	2.16	5.9





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**CERTIFICATE OF ANALYSIS WH12215624**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357841		38	1.4	9.9	51	47.4	<1
M357842		39	1.2	10.5	55	44.4	<1
M357843		39	1.2	10.0	54	41.9	<1
M357844		39	1.2	9.4	49	44.3	<1
M357845		40	1.3	10.7	58	45.7	<1
M357846		32	1.8	11.5	58	55.9	<1
M357847		33	1.8	11.4	63	53.6	<1
M357848		28	1.4	10.8	61	49.1	<1
M357849		28	1.6	10.4	53	53.0	<1
M357850		12	1.8	13.5	48	66.8	<1
M357851		66	1.9	13.9	77	29.7	<1
M357852		55	5.0	9.5	5360	24.8	26
M357853		71	1.8	15.5	148	27.3	<1
M357854		75	2.4	15.4	691	29.2	1
M357855		69	3.3	15.3	378	27.6	<1
M357856		55	4.1	11.6	443	21.7	2
M357857		56	5.8	11.1	4210	24.5	7
M357858		2	0.1	0.8	22	<0.5	<1
M357859		61	2.2	15.2	55	34.3	<1
M357860		68	1.6	13.8	46	27.5	1
M357861		66	2.0	13.7	51	27.4	<1
M357862		62	2.1	14.0	59	28.4	<1
M357863		69	1.2	14.9	48	28.9	<1
M357864		56	5.0	10.6	2910	38.1	9
M357865		71	1.3	15.7	53	28.1	<1
M357866		72	1.9	12.9	74	23.8	<1
M357867		82	2.3	13.6	84	26.0	<1
M357868		70	2.5	14.6	79	26.4	<1
M357869		63	1.9	13.4	113	29.6	<1
M357870		2	0.1	0.7	18	<0.5	<1
M357871		64	2.1	14.5	68	35.6	<1
M357872		64	2.3	14.5	109	30.8	<1



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**CERTIFICATE OF ANALYSIS WH12215624**

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



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**CERTIFICATE WH12215625**

Project: Klaza-126

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12215625**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359843		4.40	0.123	1.98	7.48	256	170	1.54	3.54	2.33	1.18	36.1	8.9	5	16.30	843
M359844		3.71	0.499	3.62	5.94	322	150	0.92	8.28	0.62	6.22	37.4	5.8	8	5.42	159.5
M359845		3.68	0.053	1.30	6.53	68.0	780	1.35	1.46	0.59	1.55	45.1	4.4	8	14.20	379
M359846		2.41	0.425	1.98	6.26	243	110	1.18	4.35	0.82	2.59	34.2	6.1	8	5.16	87.1
M359847		3.30	0.037	0.86	6.70	31.4	610	1.24	2.17	1.55	1.67	44.9	5.7	7	10.20	64.0
M359848		2.65	0.104	1.24	6.10	76.8	480	0.88	4.05	0.67	1.87	36.5	8.8	8	4.90	51.6
M359849		1.84	<0.005	<0.01	0.07	<5	20	0.06	0.05	20.2	0.06	1.18	0.5	<1	0.15	2.1
M359850		5.64	0.065	1.26	6.93	54.3	550	1.65	1.98	1.60	2.75	51.6	8.8	9	12.45	151.0
M359851		6.12	0.021	0.53	7.17	43.1	450	1.41	1.50	1.49	1.71	53.8	6.6	8	13.10	127.0
M359852		<0.02	0.024	0.54	7.18	41.8	930	1.38	1.55	1.50	1.85	52.5	6.9	9	13.55	129.5
M359853		2.84	0.064	0.92	6.90	30.4	520	1.13	2.94	1.12	1.76	45.8	11.2	9	8.42	79.4
M359854		2.89	0.024	0.50	7.26	23.4	590	1.32	1.49	1.63	0.47	49.3	7.0	8	12.70	58.9
M359855		3.88	0.023	0.50	7.14	24.9	200	1.47	1.68	1.95	0.34	45.5	6.5	9	11.90	60.6
M359856		5.43	0.023	0.35	7.04	8.4	290	1.30	3.15	1.64	0.13	40.0	9.7	8	9.28	23.9
M359857		6.35	0.017	0.22	7.09	8.3	1190	1.47	0.55	2.61	0.11	46.3	6.4	9	10.55	86.4
M359858		3.08	0.013	0.33	6.94	5.4	220	1.30	1.10	2.15	0.14	36.9	8.7	8	8.08	46.8
M359859		2.69	0.021	0.32	7.37	4.2	3260	1.35	0.45	2.40	0.22	38.8	7.0	9	7.68	114.0
M359860		0.26	2.37	27.9	5.74	3410	180	1.26	19.20	2.17	80.1	43.9	10.5	19	14.00	421
M359861		2.36	0.014	0.48	7.28	6.8	2030	1.63	0.62	2.17	0.25	34.6	7.0	8	11.70	77.1
M359862		4.45	0.040	0.36	6.91	24.7	1240	1.33	0.87	2.58	0.31	34.5	8.2	7	13.35	130.0
M359863		1.98	0.030	0.35	6.86	22.8	1330	1.42	0.85	2.65	0.25	40.1	8.2	7	14.95	138.0
M359864		3.09	0.058	0.46	6.98	45.2	670	1.43	0.94	2.60	0.41	35.9	8.0	9	14.35	124.5
M359865		6.03	0.032	0.30	6.99	17.9	1000	1.40	1.22	2.58	0.26	36.4	7.2	8	13.15	117.0
M359866		4.93	0.049	0.29	7.37	22.0	260	1.23	1.44	2.30	0.65	41.3	14.3	8	13.90	84.7
M359867		5.12	0.020	0.29	6.76	23.8	180	1.15	2.15	2.07	0.48	36.0	7.3	7	11.60	64.4
M359868		3.30	0.015	0.40	6.71	38.3	390	1.41	1.94	2.57	0.72	38.4	7.1	8	15.20	62.1
M359869		3.21	<0.005	0.01	0.08	<5	50	0.07	0.05	19.45	0.06	1.25	0.6	<1	0.18	2.3
M359870		4.20	0.021	0.26	6.93	14.2	170	1.54	1.45	2.05	0.41	32.1	8.1	8	13.40	48.3
M359871		4.53	0.014	0.21	6.59	8.0	180	1.28	1.17	2.32	0.43	35.4	8.0	9	11.70	49.2
M359872		7.56	0.014	0.27	7.00	6.3	1250	1.35	0.76	2.35	0.36	45.5	7.5	13	9.11	64.5
M359873		0.26	2.38	25.2	5.51	3300	320	1.14	19.25	2.11	73.6	38.3	9.2	19	12.65	416
M359874		5.83	0.025	0.78	7.08	17.9	1490	1.38	1.89	2.19	0.31	38.4	7.7	8	12.10	93.1
M359875		4.26	0.070	0.90	6.52	56.3	540	1.34	2.22	1.77	1.68	38.7	6.3	7	13.45	65.3
M359876		3.82	0.033	0.66	6.93	42.2	420	1.37	1.39	1.65	0.78	41.1	9.0	8	12.30	63.2
M359877		6.57	0.017	0.38	6.77	11.5	300	1.37	1.13	2.25	0.50	43.2	7.1	11	8.91	61.0
M359878		5.42	0.083	1.03	7.07	117.0	730	1.30	2.43	1.03	0.46	44.6	7.4	9	9.26	134.0



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Project: Klaza-126

**CERTIFICATE OF ANALYSIS WH12215625**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359843		5.62	18.65	0.14	0.9	0.142	3.09	17.3	17.9	1.13	630	4.31	0.05	3.4	3.2	890
M359844		7.11	15.70	0.15	1.2	0.121	2.77	18.7	14.0	0.38	376	9.00	0.05	3.1	3.1	470
M359845		2.45	13.40	0.15	1.0	0.171	2.72	23.9	34.4	0.43	321	3.19	0.03	5.7	2.4	420
M359846		7.20	14.65	0.12	0.9	0.107	2.91	17.7	11.0	0.45	418	5.89	0.05	3.9	2.6	440
M359847		4.45	13.00	0.15	1.0	0.146	3.01	24.0	13.8	0.79	734	2.21	0.04	4.8	2.3	500
M359848		6.96	12.75	0.11	0.9	0.107	2.85	18.0	10.8	0.50	530	3.93	0.06	3.2	2.6	430
M359849		0.45	0.19	0.11	<0.1	<0.005	0.03	0.6	0.9	11.75	195	0.10	<0.01	0.2	1.3	180
M359850		3.79	13.90	0.13	1.0	0.112	3.04	29.5	9.2	0.94	1090	4.44	0.04	4.3	3.8	550
M359851		3.04	14.45	0.17	0.8	0.075	3.22	28.5	8.6	0.87	450	1.29	0.05	4.0	2.6	540
M359852		3.05	14.65	0.15	0.9	0.078	3.27	28.9	9.1	0.87	460	1.09	0.05	4.1	2.9	530
M359853		5.00	14.15	0.18	0.8	0.083	3.22	23.6	7.0	0.66	578	1.03	0.06	3.2	2.7	510
M359854		3.95	14.45	0.15	0.9	0.034	3.15	25.8	9.1	0.90	260	0.83	0.06	4.2	2.6	520
M359855		4.41	14.15	0.14	1.0	0.068	2.94	23.4	11.3	0.73	287	1.83	0.29	5.2	2.5	520
M359856		5.88	12.30	0.14	1.0	0.088	3.16	20.2	9.7	0.72	267	1.94	0.11	5.0	2.4	540
M359857		2.73	14.80	0.15	1.0	0.035	2.53	23.6	17.7	0.66	264	1.85	1.60	6.9	2.2	570
M359858		4.10	13.45	0.15	0.9	0.044	2.39	18.5	13.2	0.66	211	1.54	1.31	6.4	2.5	530
M359859		3.08	15.60	0.10	0.8	0.054	2.34	18.6	17.0	0.90	284	1.82	2.18	7.7	2.5	650
M359860		6.38	13.45	0.13	1.0	1.655	2.46	22.5	22.9	0.89	1850	13.00	0.04	6.5	15.6	440
M359861		3.07	15.25	0.13	0.7	0.043	2.32	17.2	19.5	0.88	219	4.14	1.36	7.4	3.4	560
M359862		3.11	13.95	0.13	0.8	0.035	2.56	17.8	21.1	0.71	288	1.73	0.99	6.5	2.4	550
M359863		3.24	14.70	0.15	0.8	0.043	2.47	19.6	24.1	0.84	308	2.26	0.73	7.2	2.5	660
M359864		3.26	15.40	0.14	0.8	0.044	2.86	16.8	18.0	0.60	449	4.33	0.19	6.6	2.4	610
M359865		3.12	13.90	0.12	0.9	0.040	2.56	18.0	13.4	0.70	215	1.42	1.03	6.7	2.2	570
M359866		3.71	14.25	0.12	0.8	0.038	2.72	20.4	18.4	0.91	215	1.14	0.08	6.1	2.6	590
M359867		4.04	14.15	0.13	0.9	0.028	2.55	18.6	19.7	0.71	205	4.74	0.08	7.0	2.6	550
M359868		3.85	14.45	0.17	1.0	0.030	2.56	19.8	18.9	0.64	319	1.26	0.07	7.8	2.4	560
M359869		0.41	0.20	0.08	<0.1	0.005	0.03	0.6	1.0	11.55	176	0.13	<0.01	0.2	1.5	170
M359870		4.11	13.20	0.14	0.8	0.028	2.42	15.1	34.2	0.64	171	0.90	0.81	6.8	2.4	560
M359871		3.97	12.20	0.12	0.8	0.027	2.34	17.6	11.2	0.66	213	0.81	1.25	6.8	2.4	560
M359872		3.07	14.35	0.15	1.0	0.028	2.32	23.2	13.6	0.76	258	1.61	1.80	7.8	2.6	580
M359873		6.14	12.15	0.15	1.0	1.510	2.42	20.7	20.4	0.85	1800	12.25	0.04	5.8	13.7	410
M359874		3.09	15.05	0.12	1.0	0.057	2.49	18.5	33.9	0.76	334	1.04	0.48	7.7	2.4	580
M359875		4.80	12.40	0.15	1.0	0.109	2.77	20.8	13.6	0.71	779	2.21	0.12	6.2	2.3	490
M359876		4.15	14.45	0.16	1.0	0.098	2.81	20.2	18.9	0.63	568	1.23	0.07	6.9	2.6	550
M359877		3.64	13.65	0.13	1.0	0.043	2.59	21.6	10.9	0.74	283	0.71	1.42	6.9	2.3	550
M359878		4.80	14.85	0.13	1.0	0.137	3.34	23.0	9.8	0.63	421	0.82	0.07	5.3	2.6	520



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**CERTIFICATE OF ANALYSIS WH12215625**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359843		49.9	136.5	<0.002	5.33	138.5	10.6	1	6.1	78.2	0.22	0.55	4.4	0.253	2.75	3.6
M359844		412	127.0	0.002	7.73	44.6	7.7	2	15.1	21.1	0.35	0.79	12.0	0.128	1.74	5.7
M359845		60.8	133.0	<0.002	1.80	106.5	7.1	1	4.4	44.5	0.42	0.11	13.5	0.182	2.43	7.7
M359846		151.0	132.5	<0.002	7.45	16.80	7.8	2	11.0	25.1	0.28	0.58	12.1	0.130	1.77	3.9
M359847		59.4	139.0	<0.002	3.92	19.90	8.7	1	5.4	53.8	0.41	0.26	13.6	0.153	2.30	4.6
M359848		75.2	133.0	0.002	7.32	16.10	8.0	3	10.3	19.0	0.30	0.58	11.7	0.107	1.71	5.1
M359849		1.7	1.4	<0.002	0.02	0.16	0.1	<1	0.2	45.7	<0.05	<0.05	0.2	<0.005	<0.02	0.9
M359850		44.6	161.0	0.004	3.32	32.6	9.4	2	3.9	43.0	0.33	0.36	15.0	0.156	2.77	5.4
M359851		32.6	159.5	0.002	2.69	7.46	9.3	1	3.8	59.4	0.30	0.19	14.0	0.141	2.75	3.4
M359852		33.1	166.5	<0.002	2.73	7.79	9.6	2	3.8	60.0	0.30	0.25	14.2	0.146	2.75	3.6
M359853		37.7	148.5	<0.002	4.98	6.16	9.5	2	7.1	38.0	0.23	0.29	13.9	0.120	2.01	4.3
M359854		28.9	151.5	<0.002	3.92	3.99	9.2	2	4.5	53.0	0.33	0.28	13.4	0.143	2.16	3.2
M359855		27.6	128.0	<0.002	4.18	3.13	9.3	3	4.4	94.0	0.41	0.19	13.4	0.160	1.77	3.9
M359856		11.2	135.0	<0.002	5.78	1.64	9.6	3	5.7	59.7	0.44	0.22	12.5	0.158	1.63	4.3
M359857		16.0	84.9	<0.002	1.38	2.50	9.5	1	2.5	394	0.55	0.07	11.3	0.217	1.32	4.0
M359858		21.3	89.6	<0.002	3.03	1.30	9.1	2	3.8	291	0.51	0.10	9.4	0.205	1.01	3.4
M359859		24.9	77.1	<0.002	0.86	1.13	10.3	1	2.7	437	0.50	<0.05	8.9	0.249	1.14	3.2
M359860		2790	157.5	<0.002	4.62	91.6	8.2	1	7.8	87.9	0.44	0.42	9.8	0.172	2.33	5.1
M359861		25.7	82.4	<0.002	1.11	1.50	10.1	1	2.8	297	0.49	<0.05	8.6	0.227	1.08	3.0
M359862		27.5	86.9	<0.002	1.79	4.99	9.1	1	3.0	224	0.44	0.11	8.0	0.220	1.50	2.5
M359863		23.6	89.0	<0.002	1.84	5.58	10.5	1	3.4	197.5	0.45	0.11	7.7	0.247	1.57	3.0
M359864		31.4	104.5	<0.002	2.49	13.55	9.9	1	4.0	116.0	0.44	0.09	7.2	0.225	1.76	3.4
M359865		21.3	86.8	<0.002	1.92	10.25	9.3	1	3.2	238	0.50	0.17	9.3	0.221	1.38	4.7
M359866		23.9	116.5	<0.002	3.04	19.60	9.6	1	4.9	91.3	0.41	0.20	9.2	0.210	1.79	4.1
M359867		27.3	95.7	<0.002	3.51	17.85	9.6	2	4.4	77.1	0.46	0.15	8.7	0.211	1.37	3.0
M359868		31.5	99.8	<0.002	2.97	18.40	10.0	2	3.8	79.8	0.58	0.15	10.8	0.226	1.65	4.1
M359869		1.4	1.3	<0.002	0.02	0.14	0.2	<1	<0.2	42.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M359870		27.0	94.8	<0.002	3.25	8.19	9.7	2	4.3	328	0.48	0.17	9.2	0.215	1.18	4.5
M359871		24.1	80.6	<0.002	2.93	1.39	9.4	2	3.3	311	0.46	0.10	8.9	0.225	1.09	3.2
M359872		25.4	87.5	<0.002	1.35	1.32	10.4	1	2.8	444	0.54	0.05	12.3	0.236	1.16	3.7
M359873		2660	144.5	<0.002	4.44	79.7	7.4	1	6.9	82.2	0.44	0.32	10.1	0.169	2.22	5.1
M359874		24.5	83.6	<0.002	1.50	9.89	9.6	1	2.9	152.5	0.58	0.13	11.1	0.225	1.37	4.4
M359875		110.0	127.5	<0.002	4.33	13.80	8.8	2	4.5	72.0	0.48	0.16	12.6	0.183	1.93	6.3
M359876		31.4	111.0	<0.002	2.92	11.90	9.8	2	5.2	68.4	0.52	0.10	11.5	0.208	1.92	5.1
M359877		27.9	103.0	<0.002	2.34	1.91	9.7	1	3.1	320	0.56	0.10	12.1	0.215	1.48	5.0
M359878		36.2	202	<0.002	3.99	11.55	9.1	1	7.6	50.8	0.43	0.15	13.2	0.168	2.45	3.9



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**CERTIFICATE OF ANALYSIS WH12215625**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359843		89	9.3	14.2	201	18.7	2
M359844		55	16.9	10.6	514	22.1	4
M359845		56	6.9	9.5	165	22.2	1
M359846		55	13.4	10.4	258	19.3	2
M359847		59	15.0	11.8	170	20.6	1
M359848		54	14.8	9.5	190	17.6	2
M359849		2	0.2	0.8	13	<0.5	<1
M359850		65	10.0	12.6	206	18.8	2
M359851		62	7.6	10.6	140	16.4	<1
M359852		63	7.9	11.3	141	16.1	<1
M359853		63	10.4	11.1	178	16.0	<1
M359854		61	8.8	9.8	60	17.4	<1
M359855		61	11.1	11.2	65	18.7	<1
M359856		67	18.5	12.1	36	17.8	<1
M359857		69	2.8	12.2	53	19.1	<1
M359858		64	11.6	12.6	41	16.1	<1
M359859		76	1.8	12.5	65	15.1	<1
M359860		56	4.9	10.1	5460	23.3	25
M359861		68	4.1	10.9	54	15.2	<1
M359862		67	4.8	11.0	55	14.3	<1
M359863		77	5.5	12.9	60	15.2	<1
M359864		74	6.3	12.1	66	15.2	<1
M359865		69	7.2	11.2	50	16.0	<1
M359866		70	12.0	13.3	66	15.1	<1
M359867		66	15.4	13.2	52	17.3	<1
M359868		70	12.0	14.1	63	20.1	<1
M359869		2	0.2	0.8	14	0.7	<1
M359870		68	15.1	11.7	52	15.7	<1
M359871		68	13.5	11.9	57	17.9	<1
M359872		70	5.7	12.8	58	20.4	<1
M359873		55	4.8	9.1	5340	21.4	26
M359874		68	4.8	12.0	64	20.6	<1
M359875		61	13.8	12.1	162	19.3	<1
M359876		67	11.0	11.3	97	21.0	<1
M359877		66	7.3	12.8	85	19.5	<1
M359878		61	9.9	10.2	75	20.9	<1



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**CERTIFICATE OF ANALYSIS WH12215625**

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





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**CERTIFICATE WH12215626**

Project: Klaza-127

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12215626**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357805		3.03	0.015	0.23	8.42	35.9	1740	1.68	0.45	2.36	0.05	56.7	6.4	6	18.65	29.2
M357806		4.84	<0.005	0.08	6.68	6.1	2570	1.19	0.19	2.24	0.10	42.1	4.4	13	13.20	1.7
M357807		0.23	2.26	24.8	5.87	3440	780	1.23	20.2	2.16	80.4	43.2	11.3	18	15.60	434
M357808		3.30	0.042	2.04	6.71	72.6	1180	1.06	0.55	1.57	19.00	39.1	17.8	7	10.65	22.6
M357809		3.36	0.009	0.58	7.45	35.3	3090	1.37	0.40	1.88	3.53	78.2	18.5	7	20.7	5.3
M357810		2.65	0.006	0.21	6.83	18.0	1790	1.05	0.31	1.83	0.51	39.4	6.8	7	14.35	4.2
M357811		2.52	0.052	3.51	6.55	116.0	600	0.93	0.40	0.61	37.9	41.5	3.9	8	8.99	16.5
M357812		5.53	0.103	2.86	7.33	159.5	1250	1.13	1.25	1.30	12.25	51.1	7.9	7	12.60	87.6
M357813		2.68	<0.005	0.01	0.06	<5	20	0.05	0.02	20.3	0.10	1.23	1.1	<1	0.15	2.0
M357814		3.25	0.045	0.68	7.13	26.8	1410	1.14	0.36	1.54	4.88	42.3	6.7	7	11.70	8.7
M357815		2.86	<0.005	0.41	7.86	15.3	2350	1.35	0.32	2.33	5.50	44.1	7.1	8	16.85	2.9
M357816		3.99	0.028	0.42	7.66	50.2	3120	1.40	0.55	2.36	1.32	44.9	3.0	8	13.60	2.8
M357817		6.37	<0.005	0.60	7.58	34.4	3160	1.53	0.27	2.88	1.66	40.3	3.2	9	13.05	6.6
M357818		<0.02	<0.005	0.57	7.73	33.4	3170	1.56	0.27	2.86	1.70	42.8	3.2	13	13.65	6.5
M357819		2.30	0.012	0.31	7.61	65.6	1960	1.58	0.23	2.50	0.60	45.0	9.8	7	14.90	25.0
M357820		5.60	0.009	0.22	7.52	54.7	2330	1.49	0.30	2.33	0.27	43.4	4.8	8	15.05	6.5
M357821		2.11	<0.005	0.09	7.66	12.6	1640	1.52	0.25	1.70	0.05	47.6	5.0	8	14.35	3.1
M357822		3.73	0.072	0.65	6.98	346	1190	1.41	0.27	2.11	1.72	40.8	6.9	8	16.65	10.2
M357823		2.35	0.008	0.30	7.17	39.4	1080	1.74	0.39	2.15	0.17	46.8	10.6	7	17.55	11.8
M357824		5.62	<0.005	0.04	6.78	9.4	3290	1.99	0.12	1.07	0.14	44.3	3.6	6	20.3	4.7
M357825		0.23	0.754	9.07	6.58	1820	1020	1.42	6.55	1.85	42.8	43.0	17.7	21	17.30	109.5
M357826		7.65	<0.005	0.11	7.43	13.9	1570	2.41	0.20	1.12	0.17	40.7	2.1	4	22.7	6.0
M357827		5.24	<0.005	0.08	7.45	16.2	1420	1.97	0.11	2.04	0.10	53.1	8.2	18	27.0	8.7
M357828		8.84	<0.005	0.03	7.66	13.6	810	1.99	0.07	2.05	0.09	54.7	6.6	18	28.5	6.2
M357829		8.65	<0.005	0.16	7.16	15.2	1430	1.89	0.07	1.87	0.23	48.5	6.1	16	24.5	5.5
M357830		8.38	<0.005	0.02	6.99	9.2	940	1.97	0.03	2.62	0.07	46.2	5.8	15	27.0	2.5
M357831		3.99	<0.005	0.02	7.14	9.7	1000	1.92	0.03	2.54	0.06	51.7	5.9	16	27.3	5.6
M357832		8.12	<0.005	0.02	6.75	9.2	1460	1.97	0.04	2.60	0.05	42.7	5.3	14	29.1	2.3
M357833		7.90	<0.005	0.04	6.87	7.9	2020	1.95	0.06	2.50	0.06	44.2	5.9	18	29.8	5.5
M357834		7.48	<0.005	0.05	7.20	7.6	3980	2.06	0.09	2.77	0.09	53.8	6.9	17	27.7	4.0
M357835		7.95	<0.005	0.13	7.04	11.4	2680	2.22	0.15	1.13	0.19	42.2	4.1	6	22.0	10.2
M357836		2.72	<0.005	0.06	6.70	8.4	2140	2.49	0.28	1.47	0.14	37.0	2.2	5	22.6	2.0
M357837		6.41	<0.005	0.07	5.77	5.5	990	2.28	0.21	2.68	0.08	33.8	3.1	6	22.2	6.4
M357838		3.40	<0.005	0.36	6.59	10.2	720	2.37	0.81	3.48	0.16	38.8	4.3	7	23.1	10.5
M357839		2.52	<0.005	0.01	0.05	<5	30	0.05	0.02	20.8	0.06	1.13	1.2	<1	0.20	2.2
M357840		4.75	<0.005	0.09	6.50	5.1	950	2.34	0.25	2.92	0.07	39.0	4.2	8	27.1	10.0



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**CERTIFICATE OF ANALYSIS WH12215626**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M357805		5.41	24.7	0.18	0.7	0.365	4.65	27.8	12.9	0.90	4030	0.52	0.05	6.5	4.2
M357806		4.20	16.45	0.15	0.8	0.211	3.71	23.4	11.5	0.87	2450	1.00	0.08	8.0	2.7
M357807		6.30	15.30	0.18	1.0	1.850	2.59	23.0	23.5	0.88	1860	13.95	0.04	6.7	16.0
M357808		5.04	15.55	0.16	0.8	0.540	3.13	22.1	11.6	0.71	9750	2.10	0.03	7.8	2.4
M357809		5.16	20.1	0.18	1.0	0.359	3.56	44.0	14.6	0.88	9220	14.00	0.05	7.5	2.9
M357810		5.22	15.40	0.16	1.0	0.270	3.20	22.2	22.4	0.86	3410	2.61	0.34	7.9	2.6
M357811		5.23	15.50	0.16	0.8	0.273	3.05	23.1	10.5	0.43	12750	1.13	0.03	7.5	2.0
M357812		6.26	17.95	0.19	1.0	0.416	3.39	28.2	11.4	0.70	6090	0.98	0.03	8.8	2.5
M357813		0.43	0.32	0.05	<0.1	<0.005	0.06	0.6	0.9	12.20	200	0.19	0.01	0.3	2.6
M357814		5.65	16.35	0.17	0.9	0.327	3.37	23.4	11.8	0.89	5020	1.33	0.03	7.9	2.4
M357815		4.97	17.65	0.16	0.9	0.206	3.41	23.9	23.7	1.04	3800	0.88	0.04	8.7	2.9
M357816		4.06	17.60	0.15	0.9	0.198	3.96	24.2	14.5	0.85	3400	0.78	0.05	8.3	3.0
M357817		3.79	16.80	0.15	1.0	0.090	3.79	21.0	11.9	0.92	2700	1.25	0.04	8.2	2.5
M357818		3.79	17.10	0.15	1.0	0.096	3.78	22.7	12.3	0.93	2700	1.42	0.05	8.5	2.6
M357819		4.01	16.75	0.16	0.9	0.103	3.62	24.5	10.4	0.99	2640	0.58	0.06	8.3	2.6
M357820		3.78	17.50	0.17	1.0	0.134	3.84	22.7	12.9	0.81	1940	2.53	0.36	8.6	2.6
M357821		3.55	16.50	0.15	0.9	0.188	3.80	26.6	15.1	0.83	1410	2.19	0.04	8.6	2.5
M357822		5.01	15.45	0.16	0.8	0.201	3.10	22.4	18.7	0.89	2630	1.01	0.03	7.5	2.9
M357823		3.25	16.85	0.15	1.1	0.137	3.08	24.7	27.5	0.80	1440	2.52	0.04	8.8	2.4
M357824		1.68	16.55	0.12	2.2	0.028	2.72	23.9	21.2	0.51	491	0.62	0.30	11.0	2.0
M357825		5.06	16.15	0.18	1.4	0.977	2.83	22.4	26.1	0.68	1960	13.20	0.26	8.3	16.4
M357826		1.27	18.65	0.11	2.8	0.025	3.17	21.2	32.1	0.47	459	1.73	0.04	13.2	1.6
M357827		2.53	20.2	0.16	3.1	0.031	3.14	27.0	43.6	0.86	641	1.33	0.05	12.0	6.9
M357828		2.17	20.1	0.15	2.1	0.028	3.02	28.7	67.2	0.83	547	0.72	0.05	11.0	7.1
M357829		1.93	19.30	0.13	1.8	0.028	2.96	24.8	44.0	0.71	473	0.77	0.04	10.7	6.4
M357830		2.15	19.45	0.14	1.8	0.028	2.67	23.2	62.9	0.86	508	0.54	0.06	10.8	6.1
M357831		2.14	19.20	0.15	1.8	0.028	2.66	26.7	59.3	0.85	496	0.54	0.06	10.6	6.1
M357832		1.90	18.80	0.14	1.7	0.026	2.68	21.6	57.1	0.70	461	0.48	0.27	10.5	5.6
M357833		2.10	18.75	0.14	1.8	0.025	2.81	22.5	76.3	0.75	480	0.66	0.75	9.9	6.2
M357834		2.37	19.10	0.16	2.6	0.027	2.67	28.2	73.8	0.95	563	1.10	0.05	10.8	6.4
M357835		1.37	16.55	0.13	2.7	0.020	2.87	22.8	29.7	0.50	446	0.70	0.04	11.9	2.1
M357836		1.13	16.75	0.13	2.4	0.014	2.80	19.1	39.8	0.43	380	1.83	0.05	12.0	1.6
M357837		1.30	15.65	0.12	2.0	0.015	2.70	16.7	26.7	0.48	374	2.33	0.06	10.3	1.6
M357838		1.70	17.15	0.13	1.9	0.026	2.84	19.5	37.9	0.61	507	4.53	0.10	10.5	2.3
M357839		0.46	0.25	0.09	<0.1	<0.005	0.02	0.6	1.0	12.30	200	0.16	<0.01	0.3	2.8
M357840		1.77	17.90	0.15	1.8	0.025	2.82	19.2	45.0	0.58	480	1.25	0.06	10.2	2.4



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**CERTIFICATE OF ANALYSIS WH12215626**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M357805		8.0	186.0	<0.002	1.01	10.45	9.0	1	2.4	124.0	0.53	<0.05	8.4	0.190	8.4
M357806		6.4	189.5	<0.002	0.17	5.02	11.5	1	2.1	131.0	0.62	<0.05	14.3	0.220	4.4
M357807		2800	168.5	0.002	4.68	90.4	8.6	1	8.1	96.4	0.50	0.47	10.4	0.173	5.3
M357808		753	184.0	<0.002	0.97	9.64	10.3	1	3.1	70.3	0.61	0.05	13.9	0.211	6.1
M357809		118.0	197.0	0.002	0.62	8.35	10.0	1	2.4	126.0	0.60	0.05	13.5	0.209	27.7
M357810		14.0	152.0	<0.002	0.47	5.41	10.3	1	2.3	152.0	0.63	<0.05	13.8	0.213	8.0
M357811		1170	179.5	<0.002	1.93	11.45	9.2	1	5.6	45.3	0.59	<0.05	12.8	0.197	3.5
M357812		556	200	<0.002	2.30	20.3	11.5	1	3.6	73.9	0.70	<0.05	14.3	0.234	3.8
M357813		2.5	2.2	<0.002	0.01	<0.05	0.2	1	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	0.8
M357814		215	188.5	<0.002	0.67	7.93	10.2	1	2.3	75.3	0.65	<0.05	14.1	0.217	3.8
M357815		151.5	162.5	<0.002	0.45	7.60	11.7	1	2.3	192.5	0.66	<0.05	13.1	0.253	3.6
M357816		76.6	185.0	<0.002	0.98	7.96	10.8	1	2.3	160.5	0.61	<0.05	13.6	0.250	4.1
M357817		121.0	165.5	<0.002	0.45	7.59	10.9	1	2.6	161.5	0.64	<0.05	11.2	0.257	4.3
M357818		120.5	177.5	<0.002	0.44	7.59	11.4	1	2.7	161.5	0.63	<0.05	11.6	0.256	4.3
M357819		24.0	192.5	<0.002	0.71	7.56	11.7	1	4.7	132.5	0.62	<0.05	12.3	0.244	3.5
M357820		18.7	174.5	<0.002	0.56	6.82	12.1	1	2.6	173.5	0.61	<0.05	10.7	0.258	4.4
M357821		6.1	196.5	<0.002	0.31	6.55	11.7	1	2.3	151.5	0.64	<0.05	13.3	0.242	5.9
M357822		25.7	186.0	<0.002	1.90	16.85	10.5	1	2.9	151.0	0.55	<0.05	11.2	0.211	4.0
M357823		42.0	147.0	<0.002	0.29	11.05	10.0	1	2.9	205	0.72	<0.05	12.8	0.214	4.3
M357824		26.8	128.5	<0.002	0.21	4.04	4.7	1	1.8	245	1.12	<0.05	13.2	0.123	9.7
M357825		1345	163.0	<0.002	3.02	35.1	9.7	1	6.0	154.0	0.66	0.32	11.7	0.202	5.3
M357826		37.1	145.5	<0.002	0.10	5.36	3.6	1	2.1	260	1.46	<0.05	15.3	0.093	11.0
M357827		21.9	109.0	<0.002	0.21	7.63	8.4	1	1.3	837	0.80	<0.05	9.7	0.293	4.8
M357828		20.1	112.0	<0.002	0.17	5.80	7.4	1	1.4	582	0.81	<0.05	11.3	0.243	5.5
M357829		26.8	102.5	<0.002	0.22	6.49	6.6	1	1.3	477	0.82	<0.05	10.3	0.223	5.7
M357830		18.9	85.6	<0.002	0.07	8.72	6.6	1	1.4	631	0.82	<0.05	9.4	0.221	4.0
M357831		20.6	93.2	<0.002	0.07	8.65	6.8	1	1.7	625	0.79	<0.05	10.4	0.225	4.2
M357832		18.4	88.3	<0.002	0.10	7.70	5.9	1	1.3	503	0.81	<0.05	9.1	0.208	4.7
M357833		19.1	97.9	<0.002	0.05	6.07	6.3	1	1.3	606	0.75	<0.05	9.4	0.220	4.5
M357834		21.5	96.7	<0.002	0.13	10.45	7.5	1	1.3	696	0.78	<0.05	10.0	0.261	4.4
M357835		47.7	134.0	<0.002	0.11	6.79	4.0	1	2.1	344	1.23	<0.05	13.6	0.123	9.9
M357836		36.1	116.0	<0.002	0.10	5.60	3.7	1	1.5	299	1.23	<0.05	12.5	0.102	7.7
M357837		21.0	93.0	<0.002	0.04	3.65	3.6	1	1.7	540	0.95	<0.05	8.9	0.122	5.8
M357838		30.2	93.2	<0.002	0.07	5.43	4.9	1	2.2	662	0.92	<0.05	9.2	0.172	6.8
M357839		1.3	1.1	<0.002	0.01	0.05	0.2	1	<0.2	52.6	<0.05	<0.05	<0.2	<0.005	0.7
M357840		17.5	101.0	<0.002	0.03	4.91	5.3	1	2.5	539	0.85	<0.05	8.3	0.192	4.8



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357805		87	3.9	14.4	88	20.2	<1
M357806		64	3.0	16.4	77	20.6	<1
M357807		58	5.4	11.1	5550	27.5	25
M357808		59	3.6	13.1	2020	22.0	2
M357809		79	4.6	17.0	467	27.8	1
M357810		62	4.0	14.6	135	25.0	<1
M357811		55	7.8	10.5	3970	22.1	4
M357812		69	8.7	13.7	1340	25.6	3
M357813		2	0.1	0.9	18	<0.5	1
M357814		67	4.4	14.2	684	21.9	1
M357815		76	3.7	15.5	606	23.4	1
M357816		70	4.1	14.4	214	23.7	<1
M357817		74	3.0	14.1	243	26.4	<1
M357818		72	2.9	14.7	245	26.8	1
M357819		72	2.5	14.4	98	25.0	<1
M357820		74	2.9	13.8	78	27.9	<1
M357821		67	2.9	13.6	56	24.2	<1
M357822		63	3.3	12.4	266	20.8	1
M357823		60	2.4	14.3	65	28.7	<1
M357824		24	2.4	13.1	48	55.4	<1
M357825		59	5.5	12.3	3090	39.6	9
M357826		17	1.8	15.3	47	73.6	<1
M357827		68	1.6	13.7	67	116.5	<1
M357828		56	1.5	13.3	62	67.5	<1
M357829		50	1.6	11.7	70	55.0	<1
M357830		50	1.6	11.9	60	53.0	<1
M357831		51	1.6	12.2	61	54.0	<1
M357832		47	1.4	11.1	56	48.8	<1
M357833		50	1.4	11.3	57	55.9	<1
M357834		61	1.8	12.9	62	92.1	<1
M357835		24	2.0	14.1	49	74.1	<1
M357836		18	2.2	13.4	36	63.7	<1
M357837		22	1.2	9.7	38	56.4	<1
M357838		35	1.6	11.3	54	52.6	<1
M357839		2	0.1	0.9	16	<0.5	<1
M357840		39	1.4	10.8	51	49.0	<1



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**CERTIFICATE OF ANALYSIS WH12215626**

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



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**CERTIFICATE WH12215627**

Project: Klaza-129

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12215627**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357873		6.66	0.032	0.56	7.27	20.3	1790	1.55	1.01	1.40	0.98	54.1	8.9	20	5.61	33.2
M357874		11.68	0.027	0.56	7.54	32.9	1540	1.79	0.79	0.91	2.25	63.0	8.1	16	13.20	21.5
M357875		8.36	<0.005	0.22	7.56	16.1	1560	1.90	0.48	0.39	2.26	71.6	4.8	9	23.1	6.1
M357876		9.00	<0.005	0.06	5.46	9.4	1740	1.96	0.16	3.05	0.14	50.5	4.4	7	22.5	7.1
M357877		2.45	<0.005	0.21	6.83	16.6	1440	1.83	0.21	2.76	0.19	56.0	4.8	10	25.3	7.3
M357878		0.22	0.862	8.82	6.44	1640	1510	1.33	6.06	1.78	40.8	41.5	15.4	18	15.10	103.0
M357879		3.51	<0.005	0.06	6.79	10.0	2260	1.54	0.12	2.86	0.20	55.7	4.2	9	21.5	3.9
M357880		3.10	0.005	0.11	6.35	10.8	1430	1.56	0.13	2.70	0.47	51.6	4.1	9	21.9	47.2
M357881		2.35	0.106	2.16	7.88	126.5	1280	1.77	1.39	0.55	8.38	53.9	5.7	11	18.65	15.7
M357882		2.38	0.117	3.18	8.00	178.0	1330	1.63	1.61	0.94	16.40	54.5	5.2	7	18.65	17.0
M357883		3.07	<0.005	0.17	6.86	17.5	1960	1.53	0.26	3.13	0.93	42.2	6.1	8	14.50	4.2
M357884		3.51	<0.005	0.03	0.07	<5	250	0.07	0.03	20.6	0.09	1.28	0.7	<1	0.23	1.8
M357885		6.89	<0.005	0.14	6.86	10.6	2040	1.47	0.40	2.71	0.27	39.7	12.6	10	12.10	4.2
M357886		4.82	<0.005	0.20	6.58	15.6	1600	1.19	0.36	2.68	0.32	36.2	17.9	9	13.30	4.0
M357887		4.68	<0.005	0.44	7.56	12.5	1900	1.53	0.91	2.03	0.99	49.4	6.9	10	12.20	7.7
M357888		2.62	0.034	1.34	7.11	53.4	2170	1.63	2.45	2.01	1.49	57.0	9.1	9	12.50	15.3
M357889		3.57	<0.005	0.02	0.07	<5	30	0.06	0.03	20.6	0.07	1.17	0.7	<1	0.34	4.0
M357890		2.17	0.378	3.31	7.26	318	1190	1.45	2.67	2.14	9.81	51.3	8.1	7	16.80	47.9
M357891		3.57	<0.005	0.25	7.05	23.8	1200	1.68	0.35	3.00	0.28	47.7	5.6	10	17.95	9.1
M357892		5.89	<0.005	0.26	7.33	20.3	2050	2.00	0.14	2.38	0.23	68.5	5.7	18	22.0	11.8
M357893		0.22	0.785	10.40	6.60	1690	1250	1.54	6.72	1.85	46.3	51.6	18.2	19	17.45	115.5
M357894		7.61	<0.005	0.07	7.19	12.4	1910	1.91	0.04	2.59	0.16	64.9	4.1	9	18.15	4.9
M357895		3.47	<0.005	0.09	6.83	12.8	3820	1.58	0.05	2.18	0.12	58.3	3.8	8	19.65	5.7
M357896		2.26	0.069	0.93	7.17	60.0	1710	1.75	0.59	2.12	0.36	63.0	6.3	9	21.0	19.9
M357897		3.88	<0.005	0.04	6.62	13.3	1130	1.90	0.07	2.71	0.24	50.1	4.2	10	19.85	2.2
M357898		1.34	<0.005	0.03	7.28	14.1	1200	1.96	0.08	2.86	0.27	61.1	4.6	11	21.1	4.7
M357899		4.71	<0.005	0.11	6.60	16.4	2460	2.17	0.06	3.17	0.15	60.4	5.0	9	19.30	3.9
M357900		7.43	<0.005	0.03	7.20	15.1	2440	1.91	0.03	2.45	0.13	64.6	4.8	8	18.80	4.1
M357901		7.46	<0.005	0.09	7.74	12.3	2650	1.91	0.04	1.74	0.13	77.5	5.0	11	19.60	3.4
M357902		7.17	<0.005	0.07	7.63	12.9	1520	2.14	0.05	2.28	0.13	76.9	4.4	11	21.7	2.5
N812734		6.62	<0.005	0.18	7.46	23.3	1530	1.53	0.28	1.62	0.23	67.7	4.9	11	15.55	6.8
M357903		<0.02	<0.005	0.20	7.53	23.0	1490	1.57	0.25	1.60	0.21	79.4	4.9	11	16.00	7.5
M357904		3.30	0.870	1.70	6.80	1435	1220	1.47	1.62	2.79	1.04	43.6	6.3	8	15.40	128.5
M357905		2.42	3.97	3.79	7.19	8890	1840	1.39	3.40	2.51	1.53	49.9	7.3	10	9.86	339
M357906		3.58	0.353	0.61	7.10	837	2050	1.39	0.71	2.85	0.47	47.7	5.7	11	7.36	26.1
M357907		4.16	0.177	0.93	6.83	191.0	1980	1.57	0.41	2.45	2.27	48.8	7.5	11	6.08	16.2





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Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12215627**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357873		3.04	16.10	0.18	1.5	0.084	2.36	26.4	14.9	0.54	493	1.95	1.71	8.7	12.2	760
M357874		3.13	18.10	0.18	1.9	0.081	2.45	32.4	43.5	0.38	1060	3.44	0.99	9.7	9.4	820
M357875		2.43	19.85	0.21	2.4	0.032	2.24	34.6	224	0.16	670	3.55	0.23	11.4	4.7	1010
M357876		2.06	18.35	0.21	2.1	0.037	2.33	24.0	172.5	0.23	462	0.85	0.11	10.8	3.5	850
M357877		2.22	18.25	0.24	2.4	0.035	2.82	26.7	37.5	0.57	499	0.77	0.33	10.8	4.7	930
M357878		5.07	13.70	0.17	1.4	0.847	2.78	20.7	23.0	0.66	1840	11.20	0.25	6.7	14.7	470
M357879		2.18	17.30	0.20	2.5	0.030	2.98	25.9	25.6	0.67	488	0.66	0.06	10.5	3.5	980
M357880		2.04	15.65	0.21	2.4	0.025	2.64	24.6	29.3	0.74	643	1.02	0.06	9.4	3.4	860
M357881		4.59	18.00	0.19	1.2	0.474	3.36	28.7	21.7	0.28	3030	2.10	0.03	7.9	3.2	690
M357882		4.91	18.10	0.20	1.2	0.679	3.20	29.0	75.0	0.30	1960	1.12	0.16	8.2	2.8	680
M357883		3.07	16.80	0.21	1.2	0.066	2.58	19.6	35.9	0.74	748	0.48	1.68	8.0	3.1	610
M357884		0.48	0.24	0.19	<0.1	0.006	0.03	0.6	1.3	12.35	210	0.10	0.01	0.2	1.5	170
M357885		2.96	15.45	0.25	1.0	0.053	2.49	20.0	34.5	0.71	652	0.47	1.80	7.5	2.8	610
M357886		2.59	14.35	0.20	1.0	0.046	2.48	16.6	55.0	0.57	650	1.32	1.21	6.9	3.6	610
M357887		2.25	16.35	0.20	1.1	0.070	3.08	23.9	19.1	0.54	594	0.94	0.86	7.8	2.9	660
M357888		4.28	14.25	0.17	1.0	0.275	3.39	31.5	10.4	0.89	2000	2.20	0.05	5.6	3.1	580
M357889		0.47	0.22	0.17	<0.1	0.006	0.03	0.6	1.2	12.20	206	0.35	0.01	0.2	1.4	180
M357890		4.79	14.95	0.23	1.1	0.217	3.12	27.3	13.3	0.81	1420	21.9	0.06	6.9	3.3	570
M357891		2.48	17.00	0.21	2.4	0.034	2.56	22.2	127.0	0.71	603	1.47	0.12	9.7	4.1	880
M357892		2.40	19.50	0.24	3.1	0.031	2.76	31.9	95.3	0.75	515	2.50	0.11	11.9	7.9	1000
M357893		5.17	16.30	0.23	1.5	1.010	2.86	25.8	26.6	0.68	1910	13.30	0.26	7.9	17.9	490
M357894		2.22	18.90	0.20	2.4	0.033	2.85	31.1	113.0	0.74	456	0.59	0.12	11.1	3.6	980
M357895		1.97	16.25	0.19	2.1	0.024	2.65	27.2	75.7	0.68	438	0.82	0.11	9.6	2.9	890
M357896		3.25	17.70	0.21	2.3	0.077	2.78	32.1	40.3	0.82	576	4.77	0.08	9.6	4.7	810
M357897		2.26	16.60	0.18	2.9	0.024	2.48	23.9	79.7	0.71	492	0.76	0.08	10.2	4.0	950
M357898		2.44	17.65	0.24	3.1	0.027	2.62	29.0	80.8	0.80	534	0.84	0.09	10.5	4.5	1020
M357899		2.21	19.05	0.22	2.6	0.043	2.63	28.6	90.9	0.78	527	1.45	0.08	12.0	4.2	950
M357900		2.40	20.4	0.22	2.4	0.051	2.83	31.4	153.5	0.70	480	0.55	0.11	11.9	4.0	990
M357901		2.42	19.95	0.23	2.9	0.035	2.83	36.2	186.5	0.66	518	1.06	0.14	12.2	4.3	1020
M357902		2.36	19.70	0.23	3.1	0.039	2.82	39.4	113.5	0.78	549	1.01	0.12	11.9	4.2	1020
N812734		2.34	18.40	0.20	3.4	0.031	2.92	34.4	39.9	0.64	560	1.22	0.11	11.1	4.8	1000
M357903		2.29	18.50	0.25	3.1	0.018	2.84	40.3	40.4	0.65	548	1.28	0.10	11.2	4.7	970
M357904		3.50	15.90	0.18	1.2	0.131	2.70	21.9	47.2	0.90	965	0.67	0.59	7.4	3.1	600
M357905		4.14	17.85	0.20	1.2	0.163	2.69	24.5	21.2	0.76	603	0.55	1.71	7.6	2.9	580
M357906		3.13	15.70	0.21	1.2	0.055	2.74	22.7	17.4	0.81	654	1.33	1.96	7.3	2.5	590
M357907		2.98	17.10	0.23	1.4	0.095	2.63	22.6	15.8	0.77	581	1.14	2.10	8.7	2.9	580



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Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12215627**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357873		51.8	122.5	0.003	0.01	3.48	10.9	1	1.7	289	0.77	0.19	12.9	0.284	1.32	3.0
M357874		45.2	120.0	0.003	<0.01	4.14	9.6	1	1.7	195.5	0.72	0.05	12.2	0.285	1.47	3.8
M357875		14.6	105.0	0.002	0.02	3.44	6.1	1	1.6	129.0	0.80	<0.05	11.6	0.266	1.30	4.4
M357876		14.7	97.5	0.002	0.03	3.18	4.4	1	2.1	185.5	0.78	<0.05	8.3	0.253	1.30	2.9
M357877		16.2	104.0	<0.002	0.02	2.61	5.7	1	1.9	339	0.74	<0.05	9.3	0.275	1.53	3.3
M357878		1310	157.5	0.003	2.94	30.1	8.2	1	5.2	139.5	0.56	0.26	11.5	0.197	2.46	4.8
M357879		15.2	103.5	0.002	0.04	2.15	4.8	1	1.6	387	0.69	<0.05	8.8	0.264	1.48	3.1
M357880		19.7	87.6	0.004	0.03	2.88	4.9	1	2.0	336	0.65	<0.05	8.4	0.243	1.41	3.1
M357881		254	230	0.002	0.27	10.35	12.9	2	3.5	63.3	0.63	0.11	15.1	0.263	3.67	4.9
M357882		777	205	0.004	0.17	7.31	12.9	1	5.8	95.9	0.65	0.11	14.3	0.274	2.93	3.5
M357883		23.2	112.5	0.002	0.04	2.85	10.8	1	2.0	332	0.68	<0.05	11.5	0.254	1.50	2.5
M357884		2.8	1.7	<0.002	0.01	0.35	0.2	<1	0.2	49.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M357885		18.0	108.0	<0.002	0.21	2.39	10.2	1	1.9	354	0.58	0.08	10.3	0.251	1.38	2.4
M357886		23.3	104.5	0.003	0.23	3.26	9.4	1	1.7	283	0.56	<0.05	9.3	0.249	1.59	2.5
M357887		45.2	179.0	0.002	0.16	7.83	11.4	1	2.0	219	0.63	<0.05	13.6	0.258	2.31	3.1
M357888		104.5	256	0.002	0.77	6.90	10.7	1	2.7	101.0	0.51	0.15	14.3	0.209	3.28	4.3
M357889		1.6	2.4	0.003	<0.01	0.10	0.2	1	0.2	43.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M357890		458	195.0	0.006	1.88	9.60	10.6	1	4.7	144.5	0.58	0.32	12.6	0.239	2.50	15.0
M357891		22.7	80.2	0.003	0.05	4.53	7.6	1	2.5	281	0.68	<0.05	9.7	0.282	1.52	5.4
M357892		22.2	92.5	0.004	0.06	4.70	6.0	1	1.8	263	0.85	<0.05	10.7	0.274	1.60	6.2
M357893		1320	171.5	0.004	3.01	35.0	9.7	2	6.3	150.5	0.64	0.28	13.2	0.203	2.69	5.5
M357894		14.4	102.0	0.002	0.04	2.84	5.4	1	1.8	302	0.78	0.05	10.2	0.270	1.67	3.5
M357895		13.8	98.5	0.004	0.10	2.94	4.7	1	1.6	247	0.67	<0.05	9.6	0.245	1.50	4.9
M357896		101.5	136.5	0.002	0.94	5.05	7.7	1	5.0	290	0.68	<0.05	10.8	0.246	1.91	6.6
M357897		19.6	74.0	0.005	0.02	5.15	4.6	1	1.5	319	0.74	<0.05	8.9	0.259	1.31	4.0
M357898		22.3	83.0	0.002	0.02	5.77	5.1	1	1.7	345	0.76	<0.05	10.0	0.275	1.36	4.6
M357899		20.7	83.5	0.003	0.06	3.53	5.3	1	1.6	373	0.74	<0.05	8.9	0.263	1.46	6.6
M357900		20.2	103.5	<0.002	0.04	2.24	5.6	1	1.8	293	0.78	<0.05	10.0	0.267	1.55	4.3
M357901		17.8	105.5	0.003	0.09	2.26	5.9	<1	2.0	242	0.81	<0.05	11.5	0.284	1.64	5.7
M357902		22.4	110.5	0.002	0.06	3.29	5.9	1	1.6	244	0.78	<0.05	12.3	0.276	1.65	5.8
N812734		12.9	108.0	<0.002	0.12	3.74	5.6	1	1.8	163.5	0.77	<0.05	11.1	0.274	1.54	5.3
M357903		12.3	123.0	<0.002	0.11	3.81	5.8	1	2.1	165.0	0.72	<0.05	11.7	0.270	1.50	5.5
M357904		198.0	130.0	0.003	0.92	13.80	9.6	1	4.0	248	0.55	<0.05	11.1	0.233	1.68	5.4
M357905		80.0	131.0	0.002	1.50	29.8	11.1	1	6.7	356	0.64	<0.05	13.4	0.251	1.29	3.5
M357906		46.5	115.0	0.004	0.42	4.71	10.3	<1	3.2	373	0.61	<0.05	12.4	0.253	1.24	3.6
M357907		131.5	106.0	0.002	0.26	4.57	11.2	1	2.3	351	0.78	<0.05	14.0	0.244	1.17	4.4



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Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12215627**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M357873		74	3.5	18.3	113	32.2
M357874		67	4.3	15.9	137	47.9
M357875		44	2.6	13.1	138	66.2
M357876		40	0.9	10.0	62	53.1
M357877		49	2.4	11.8	62	76.5
M357878		54	4.8	11.2	2770	34.8
M357879		44	1.1	11.2	65	73.1
M357880		42	1.6	11.3	144	72.6
M357881		78	5.4	15.8	753	28.8
M357882		77	4.2	14.2	1400	28.9
M357883		72	1.1	17.3	125	29.6
M357884		3	0.1	0.9	18	<0.5
M357885		73	1.8	14.9	68	22.8
M357886		72	1.9	12.6	76	21.7
M357887		75	4.0	14.9	117	25.2
M357888		71	4.5	13.5	203	21.9
M357889		3	0.1	0.8	14	<0.5
M357890		70	3.4	14.4	529	25.7
M357891		60	2.0	12.7	79	74.7
M357892		45	1.6	13.3	70	99.3
M357893		56	5.4	13.2	2890	41.2
M357894		43	1.5	12.8	64	69.4
M357895		40	1.4	11.2	54	57.5
M357896		52	2.4	13.8	66	75.7
M357897		44	1.5	10.8	68	94.3
M357898		47	1.5	12.4	77	100.5
M357899		43	1.1	12.7	70	85.0
M357900		43	1.1	13.3	73	67.7
M357901		46	1.2	14.4	67	90.4
M357902		45	1.3	14.9	61	95.7
N812734		45	2.6	13.9	70	108.0
M357903		43	2.4	14.7	70	108.0
M357904		64	2.8	15.0	125	32.7
M357905		69	3.5	16.7	86	24.1
M357906		70	1.8	16.3	51	23.6
M357907		70	1.5	17.9	107	28.8



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**CERTIFICATE OF ANALYSIS WH12215627**

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



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**CERTIFICATE WH12215628**

Project: Klaza-126

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12215628**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359771		5.81	0.020	0.27	7.07	8.0	2770	1.25	0.58	2.42	0.55	51.1	7.2	9	11.25	62.3
M359772		2.82	0.430	0.75	6.90	44.8	720	1.29	1.84	1.55	0.46	48.5	8.3	8	14.30	130.5
M359773		4.27	4.40	4.06	7.00	55.9	270	1.37	20.9	1.72	0.45	47.6	14.1	8	14.45	691
M359774		3.29	0.023	0.54	7.00	5.9	1010	1.36	1.00	2.40	0.33	52.7	8.6	9	10.95	173.5
M359775		<0.02	0.025	0.62	7.21	5.7	1040	1.32	1.13	2.49	0.37	49.3	8.4	9	10.85	206
M359776		3.85	0.009	0.33	6.73	8.0	1580	1.42	0.73	2.33	0.29	44.8	8.4	9	18.15	34.4
M359777		2.52	0.008	0.35	7.10	8.8	1020	1.32	0.82	2.49	0.29	47.3	10.2	8	12.70	59.9
M359778		0.26	2.24	26.7	6.06	3490	1110	1.24	20.3	2.32	80.7	47.4	11.2	19	16.15	454
M359779		2.85	0.011	0.31	7.29	6.0	2580	1.38	0.57	2.54	0.40	50.7	9.1	8	12.55	53.5
M359780		2.49	0.016	0.46	7.19	20.8	1220	1.37	0.88	2.90	0.32	49.1	10.9	9	21.0	57.5
M359781		2.66	0.025	0.46	7.71	14.2	1110	1.82	0.70	1.33	5.41	43.7	17.8	7	14.65	150.0
M359782		2.73	0.035	0.53	7.29	20.8	970	1.27	1.92	1.34	1.35	55.1	11.7	7	13.10	77.4
M359783		4.10	0.075	1.07	6.72	48.4	510	0.96	3.70	0.30	0.95	54.2	15.0	9	4.71	107.5
M359784		5.59	2.06	23.9	6.67	987	190	0.68	51.9	0.31	4.23	22.4	11.6	9	4.53	1920
M359785		2.73	<0.005	0.06	0.06	<5	20	<0.05	0.08	20.7	0.07	1.20	1.6	<1	0.11	6.9
M359786		2.96	0.117	1.06	7.50	105.5	700	1.01	3.63	1.18	1.26	58.7	12.2	8	9.29	78.8
M359787		5.07	0.035	0.79	7.07	31.8	640	1.02	2.62	0.68	1.79	46.5	15.6	8	6.37	197.5
M359788		3.22	0.347	1.74	6.95	134.0	230	1.20	3.21	0.96	3.49	38.4	24.2	7	12.30	33.9
M359789		2.14	0.048	0.55	7.08	13.3	1070	1.00	2.41	0.62	0.32	49.9	10.6	8	8.18	16.7
M359790		2.74	<0.005	<0.01	0.06	<5	20	0.05	0.02	20.7	0.06	1.30	1.6	<1	0.13	1.9
M359791		2.92	0.037	0.55	7.38	33.3	750	1.30	1.72	1.68	0.51	54.1	10.3	8	15.10	52.7
M359792		2.62	0.030	0.83	7.27	29.5	410	1.38	2.64	2.10	0.46	49.2	10.7	9	15.65	137.0
M359793		3.87	0.022	0.56	7.37	16.2	950	1.42	1.44	2.23	0.65	53.3	6.7	7	17.90	82.4
M359794		2.56	0.025	0.58	7.35	13.4	1600	1.49	1.19	2.01	0.40	53.0	6.9	8	16.90	164.5
M359795		5.02	0.039	0.56	7.13	23.8	840	1.28	2.29	1.68	0.73	59.9	8.7	7	13.75	67.9
M359796		2.37	0.021	0.35	7.13	14.9	630	1.47	1.22	2.16	0.21	55.5	6.9	8	16.85	47.7
M359797		3.00	0.166	0.32	7.47	6.0	1270	1.45	0.78	2.21	0.41	54.6	7.2	8	13.25	50.5
M359798		2.45	0.039	0.69	7.75	14.3	480	1.25	2.24	2.04	0.28	51.9	7.8	7	12.55	164.5
M359799		4.91	0.341	0.55	7.17	12.7	460	1.22	2.01	2.13	0.22	49.5	4.5	8	13.20	107.0
M359800		2.69	0.023	0.36	7.50	6.2	2790	1.42	0.79	2.49	0.39	58.5	4.9	8	12.70	62.0
M359801		1.04	0.025	0.41	6.91	8.2	1830	1.44	0.80	2.35	0.37	51.8	5.8	8	12.30	75.7
M359802		3.52	0.032	0.50	7.24	14.7	520	1.13	1.12	1.78	0.95	45.7	16.6	8	12.30	32.8
M359803		0.26	2.29	25.0	5.81	3250	1150	1.21	18.75	2.18	78.2	48.2	10.6	18	15.25	429
M359804		4.32	0.091	0.57	7.63	22.9	720	1.26	1.57	2.10	0.89	68.5	19.9	8	15.75	62.9
M359805		4.01	0.072	0.76	7.16	24.8	590	1.14	2.23	1.48	0.59	55.2	12.0	8	12.30	95.6
M359806		3.54	0.096	0.52	7.68	24.8	740	1.41	1.25	2.10	1.30	59.4	9.9	8	15.45	116.5



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Account: ROCKHA

Project: Klaza-126

**CERTIFICATE OF ANALYSIS WH12215628**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359771		3.10	15.25	0.13	1.0	0.056	2.52	27.9	17.4	0.77	394	1.16	1.58	7.7	2.9	550
M359772		4.56	14.25	0.16	0.9	0.159	2.97	26.5	22.8	0.73	841	6.89	0.06	5.8	2.6	510
M359773		5.56	15.30	0.19	1.0	0.238	3.06	25.6	11.5	0.63	499	2.94	0.45	6.1	2.7	520
M359774		3.16	15.35	0.13	1.0	0.069	2.59	28.3	11.8	0.69	375	2.35	1.67	7.0	2.6	510
M359775		3.30	15.70	0.12	0.9	0.075	2.72	25.8	11.8	0.70	387	4.19	1.75	7.0	2.8	540
M359776		3.35	14.35	0.12	1.0	0.068	2.76	24.3	15.7	0.69	449	2.53	1.21	7.3	2.5	520
M359777		3.67	14.85	0.13	0.9	0.078	2.80	25.3	11.7	0.64	447	2.34	1.59	6.8	2.6	530
M359778		6.83	14.50	0.21	1.0	1.930	2.75	26.3	22.7	0.92	1960	14.05	0.04	6.4	16.7	450
M359779		3.31	15.35	0.14	1.0	0.065	2.75	26.8	11.9	0.73	475	1.95	1.79	7.4	2.6	550
M359780		4.04	15.55	0.13	1.0	0.079	3.06	26.5	14.9	1.00	588	2.66	0.69	7.6	3.4	580
M359781		5.49	16.20	0.19	1.0	0.078	3.28	21.8	45.8	0.62	1370	2.22	0.11	6.8	3.8	590
M359782		6.55	13.60	0.22	1.0	0.203	3.41	29.8	14.8	0.71	860	4.65	0.06	4.6	3.0	530
M359783		7.69	12.50	0.25	0.9	0.146	3.18	28.1	8.6	0.41	262	20.1	0.06	2.6	3.1	520
M359784		17.00	18.65	0.46	0.8	0.710	3.29	9.5	6.5	0.36	186	2.71	0.07	2.9	3.3	490
M359785		0.48	0.28	<0.05	<0.1	0.005	0.02	0.6	0.8	12.40	191	0.24	<0.01	0.3	4.3	180
M359786		4.59	15.05	0.17	0.9	0.096	3.57	30.9	8.3	0.65	541	1.02	0.07	4.1	3.3	570
M359787		6.90	11.60	0.22	0.8	0.136	3.28	25.3	8.1	0.45	505	4.50	0.07	3.2	3.4	520
M359788		11.40	13.70	0.34	0.9	0.125	3.15	19.4	9.9	0.49	1580	4.59	0.05	4.8	4.6	480
M359789		7.26	12.40	0.22	0.9	0.147	3.38	26.4	7.7	0.48	579	3.72	0.07	4.9	2.8	520
M359790		0.48	0.29	<0.05	<0.1	<0.005	0.03	0.6	0.8	12.30	204	0.54	<0.01	0.3	5.0	160
M359791		5.45	15.10	0.18	0.8	0.238	3.63	27.8	9.5	0.86	1520	1.47	0.06	5.6	2.6	540
M359792		4.44	15.05	0.15	0.9	0.210	3.79	25.2	18.3	0.76	711	2.22	0.17	5.8	2.8	580
M359793		4.03	15.00	0.14	1.1	0.145	3.43	28.0	14.9	0.80	694	2.04	0.33	6.8	2.6	520
M359794		3.67	15.65	0.14	0.9	0.133	3.50	27.4	40.0	0.71	465	2.38	0.30	6.7	2.6	560
M359795		4.52	13.45	0.16	1.1	0.162	3.38	31.3	11.7	0.78	489	3.40	0.06	4.8	2.1	470
M359796		4.16	15.00	0.15	1.1	0.152	3.27	29.2	23.1	0.75	478	2.14	0.42	6.4	2.7	510
M359797		3.09	15.20	0.12	1.1	0.052	3.16	29.6	12.7	0.68	329	1.53	1.75	6.4	2.4	540
M359798		4.03	15.35	0.12	0.8	0.102	3.44	27.2	14.2	0.82	378	3.06	0.70	4.4	2.5	560
M359799		4.19	14.55	0.13	0.9	0.142	2.99	25.7	12.7	0.77	416	1.48	0.97	5.0	2.4	570
M359800		2.99	15.65	0.11	0.9	0.060	2.52	30.3	17.4	0.75	372	1.05	1.75	6.9	2.4	610
M359801		2.90	15.80	0.12	0.9	0.060	2.43	27.3	25.0	0.72	367	1.22	1.61	7.1	2.6	600
M359802		4.08	13.75	0.13	0.6	0.061	2.95	24.1	11.2	0.79	255	3.39	0.76	3.2	3.0	570
M359803		6.54	14.10	0.18	1.0	1.870	2.59	25.9	21.6	0.88	1850	14.25	0.04	6.2	15.6	430
M359804		3.72	14.75	0.12	0.7	0.063	3.04	35.5	16.9	0.95	391	5.88	0.14	3.3	3.1	620
M359805		5.18	14.10	0.18	0.7	0.107	3.19	31.1	13.6	0.73	602	3.91	0.07	3.4	2.8	530
M359806		3.51	15.65	0.13	0.8	0.115	3.32	32.0	14.9	0.88	596	2.59	0.06	4.4	3.0	640



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**CERTIFICATE OF ANALYSIS WH12215628**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359771		32.9	94.5	<0.002	0.89	2.04	10.4	2	2.9	338	0.57	0.08	16.7	0.239	1.32	4.3
M359772		21.7	143.5	<0.002	2.59	32.9	9.8	2	7.3	57.3	0.45	0.29	15.9	0.191	2.10	4.6
M359773		27.5	138.0	<0.002	4.12	9.01	10.0	3	7.0	127.0	0.50	0.52	16.4	0.188	2.02	6.1
M359774		29.9	95.9	<0.002	1.47	0.71	9.9	2	2.9	414	0.56	0.12	14.7	0.218	1.35	4.2
M359775		30.9	91.9	<0.002	1.52	0.68	9.9	2	2.9	433	0.56	0.12	14.1	0.223	1.39	4.0
M359776		26.0	99.9	<0.002	1.36	2.30	9.8	2	3.2	271	0.62	0.08	14.0	0.228	1.49	4.2
M359777		25.0	99.6	<0.002	1.77	0.72	9.6	2	3.8	340	0.55	0.12	13.7	0.229	1.57	3.8
M359778		2890	168.5	0.002	4.86	89.5	8.7	2	8.6	97.6	0.49	0.48	14.0	0.188	2.58	6.0
M359779		33.3	96.3	<0.002	1.14	0.78	10.0	2	3.3	380	0.60	0.08	15.2	0.237	1.58	4.5
M359780		26.7	106.0	<0.002	1.75	2.66	10.8	2	3.6	240	0.60	0.25	14.7	0.231	2.06	7.4
M359781		34.0	125.0	<0.002	1.96	5.54	10.3	2	3.4	109.0	0.53	0.17	14.1	0.215	2.13	7.8
M359782		24.4	159.5	<0.002	5.25	3.03	10.3	4	8.2	64.6	0.38	0.31	16.3	0.154	2.32	5.7
M359783		54.1	154.0	<0.002	7.73	3.14	9.9	5	14.7	15.6	0.22	0.42	15.9	0.104	1.85	4.7
M359784		430	157.0	<0.002	>10.0	101.5	9.2	7	29.9	12.7	0.24	1.53	12.9	0.108	1.81	3.6
M359785		2.0	1.2	<0.002	0.02	0.34	0.2	2	0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M359786		56.9	184.0	<0.002	4.31	4.59	10.6	2	9.6	46.9	0.34	0.28	16.6	0.149	2.33	3.6
M359787		28.9	141.0	<0.002	6.91	2.56	9.3	4	12.6	34.5	0.27	0.36	14.1	0.122	1.94	4.5
M359788		64.5	135.0	0.003	>10.0	5.71	9.6	8	15.6	48.2	0.38	0.80	13.3	0.149	2.52	6.1
M359789		27.5	142.5	<0.002	6.64	1.99	10.3	4	11.7	42.5	0.40	0.32	15.2	0.166	2.04	3.5
M359790		1.4	1.4	<0.002	0.01	<0.05	0.2	2	<0.2	54.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M359791		24.9	159.0	<0.002	3.59	3.49	10.4	2	6.4	80.6	0.45	0.23	15.4	0.188	3.06	6.4
M359792		29.4	154.0	<0.002	3.07	4.17	10.3	3	5.2	152.0	0.45	0.30	13.5	0.190	2.87	4.8
M359793		27.8	133.5	<0.002	2.10	5.85	9.1	2	4.7	150.0	0.65	0.21	18.7	0.194	2.68	5.2
M359794		23.4	130.0	<0.002	1.72	7.37	10.2	2	3.9	150.5	0.50	0.14	14.5	0.216	2.45	10.4
M359795		27.0	156.0	<0.002	3.63	3.91	8.5	3	6.0	61.1	0.52	0.35	21.1	0.137	2.41	5.1
M359796		20.4	133.0	<0.002	2.73	4.67	10.0	2	4.7	117.5	0.66	0.13	15.5	0.184	2.29	5.3
M359797		34.1	112.5	<0.002	1.46	1.90	9.5	2	3.0	365	0.60	0.18	15.2	0.203	1.85	5.3
M359798		26.2	131.0	<0.002	2.91	5.60	9.6	3	4.6	151.0	0.35	0.33	13.8	0.168	2.05	4.7
M359799		24.5	108.0	<0.002	2.65	2.14	9.7	2	5.5	208	0.41	0.30	12.6	0.187	1.94	3.9
M359800		37.3	84.8	<0.002	1.12	1.84	10.8	2	3.6	376	0.52	0.17	13.7	0.237	1.49	4.1
M359801		36.6	80.9	<0.002	1.18	2.33	11.0	2	3.8	352	0.52	0.19	11.8	0.228	1.49	4.1
M359802		66.6	116.5	<0.002	3.63	2.63	9.7	3	5.8	136.0	0.23	0.20	10.4	0.142	1.78	3.0
M359803		2770	157.5	<0.002	4.67	84.6	8.0	2	8.1	94.0	0.47	0.43	13.2	0.178	2.47	5.6
M359804		57.2	126.5	<0.002	3.19	5.91	10.5	3	4.2	57.4	0.25	0.31	13.6	0.148	2.11	2.6
M359805		29.3	137.0	0.002	4.56	8.44	9.9	3	8.2	40.4	0.25	0.43	14.3	0.139	1.85	3.5
M359806		29.8	129.0	0.002	2.36	5.24	11.1	3	5.1	52.1	0.34	0.17	12.7	0.183	2.31	4.0





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**CERTIFICATE OF ANALYSIS WH12215628**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359771		64	3.7	13.4	81	24.4	<1
M359772		62	9.9	12.4	93	23.0	1
M359773		62	8.6	13.7	87	22.1	3
M359774		62	5.4	12.5	73	23.2	1
M359775		65	5.4	12.5	77	23.0	<1
M359776		63	5.8	12.9	79	21.8	<1
M359777		65	5.6	12.0	85	21.3	<1
M359778		58	5.9	10.3	5420	24.9	25
M359779		66	3.9	12.9	94	22.9	<1
M359780		68	4.7	13.9	100	23.4	1
M359781		66	4.0	16.1	767	23.4	<1
M359782		64	16.1	12.6	277	22.2	<1
M359783		66	20.0	9.5	94	19.9	1
M359784		66	19.7	7.3	267	18.2	22
M359785		2	0.2	0.8	15	<0.5	<1
M359786		65	19.3	9.4	117	20.5	1
M359787		71	29.6	10.9	236	17.7	1
M359788		67	23.0	14.6	413	21.9	1
M359789		71	29.7	11.4	67	20.9	1
M359790		2	0.2	0.8	16	<0.5	<1
M359791		67	18.3	11.6	110	19.2	<1
M359792		66	13.0	12.1	97	20.7	1
M359793		59	10.4	12.9	134	25.4	<1
M359794		65	7.8	12.1	95	22.1	<1
M359795		54	14.6	11.7	100	24.3	<1
M359796		64	11.2	12.3	78	25.4	<1
M359797		64	2.3	11.8	83	24.1	<1
M359798		66	9.9	11.5	68	20.1	<1
M359799		68	9.9	10.7	78	19.0	<1
M359800		72	3.0	11.9	89	19.2	<1
M359801		71	3.3	11.9	88	19.0	<1
M359802		68	14.2	11.6	111	13.8	<1
M359803		55	5.8	10.2	5120	25.1	26
M359804		68	7.2	12.2	116	16.2	<1
M359805		69	21.4	12.4	157	16.4	<1
M359806		73	8.8	12.1	171	18.7	<1



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**CERTIFICATE OF ANALYSIS WH12215628**

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



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**CERTIFICATE WH12216600**

Project: Klaza-126

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12216600**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359699		3.06	0.733	26.3	5.48	467	500	0.89	38.7	1.73	11.20	25.8	15.9	7	5.50	822
M359700		2.90	0.186	4.69	6.63	164.0	520	0.97	8.91	0.50	1.69	29.1	12.8	7	6.95	82.3
M359701		3.24	0.162	2.10	6.63	108.0	140	1.13	5.45	0.92	2.37	29.2	18.5	7	11.35	17.6
M359702		2.59	0.055	1.07	6.75	42.8	1020	1.14	1.96	1.73	8.24	19.55	5.1	6	8.05	35.4
M359703		3.39	0.030	0.61	7.23	10.6	1060	1.36	1.38	1.47	7.31	24.6	7.5	7	11.40	13.3
M359704		<0.02	0.018	0.60	7.31	10.3	1070	1.32	1.32	1.45	5.59	24.5	7.7	7	11.35	9.6
M359705		2.83	0.033	2.28	7.35	46.5	1560	1.33	6.63	1.57	9.14	30.3	3.4	7	12.30	75.7
M359706		3.78	0.055	1.95	7.65	77.4	820	1.49	2.90	1.67	2.10	60.1	2.5	10	14.30	99.1
M359707		2.87	0.508	9.65	6.40	220	700	1.09	19.90	1.40	3.42	26.2	2.2	8	6.26	127.0
M359708		4.83	0.017	0.34	7.06	51.0	1360	1.67	0.41	3.21	0.15	59.2	7.6	15	13.75	11.2
M359709		4.42	0.135	0.47	7.36	119.5	900	1.73	0.13	3.27	3.50	63.7	6.1	15	12.95	14.4
M359710		0.26	4.38	>100	5.16	7880	1110	1.07	57.8	1.89	210	34.8	8.7	17	12.05	1220
M359711		2.71	0.681	2.24	7.07	281	460	1.61	0.29	2.76	18.90	68.3	6.7	15	16.40	79.0
M359712		2.41	0.249	5.05	7.36	274	520	1.32	7.38	1.05	1.55	62.4	6.1	7	12.25	299
M359713		2.84	0.160	2.94	7.30	157.5	630	1.35	5.40	1.13	1.54	61.7	5.2	7	10.25	67.8
M359714		3.10	0.433	4.54	6.85	357	310	1.41	5.45	1.61	2.76	46.6	5.4	7	12.25	256
M359715		3.34	1.615	>100	2.72	1440	200	0.62	45.0	4.37	8.53	23.2	5.1	5	6.86	>10000
M359716		2.76	<0.005	0.31	0.06	<5	20	0.05	0.13	20.0	0.08	1.39	1.5	<1	0.15	44.1
M359717		3.30	0.187	4.38	6.96	164.5	750	1.07	2.39	2.01	3.38	59.0	5.9	7	6.73	138.5
M359718		3.55	2.40	22.9	2.44	1260	140	0.41	36.6	4.08	11.55	13.20	4.0	5	1.80	898
M359719		2.72	<0.005	0.06	0.06	<5	20	0.07	0.09	21.1	0.09	1.70	1.5	<1	0.12	5.0
M359720		2.67	0.359	9.70	5.88	377	360	0.80	5.33	1.73	75.7	39.8	7.7	7	7.70	477
M359721		2.85	0.180	1.62	6.89	223	550	1.07	1.96	1.42	6.65	63.5	5.6	8	9.56	109.0
M359722		4.87	0.069	0.76	7.10	72.6	930	1.42	1.24	1.86	4.71	53.4	7.9	8	21.2	21.6
M359723		2.65	0.023	0.58	7.22	27.9	2330	1.46	0.73	1.78	3.47	51.4	7.2	7	14.95	49.4
M359724		3.22	0.007	0.41	7.23	11.6	1610	1.24	0.63	1.92	1.54	47.1	6.5	8	14.05	20.3
M359725		5.11	0.032	0.41	7.80	13.7	2040	1.35	0.57	1.15	0.77	53.9	8.8	8	12.80	59.8
M359726		2.12	0.033	0.40	7.76	13.5	1980	1.14	0.58	1.03	0.87	50.9	8.1	7	12.10	64.2
M359727		5.17	0.106	0.94	6.82	51.1	1760	1.19	1.05	1.07	1.40	54.7	8.6	7	22.7	147.5
M359728		2.63	0.102	0.91	6.96	44.6	400	1.19	1.60	1.60	0.87	49.6	6.2	9	12.10	156.5
M359729		3.77	0.011	0.45	7.00	15.3	1390	1.12	1.04	1.57	0.80	41.2	7.1	9	16.15	45.9
M359730		0.26	0.746	9.74	6.49	1740	620	1.45	6.53	1.90	41.1	47.9	16.6	21	17.05	111.5
M359731		4.35	0.039	0.60	7.05	33.2	1690	1.39	0.96	1.79	1.36	52.8	8.2	9	15.60	97.3
M359732		2.99	0.017	0.45	7.25	27.0	1680	1.29	0.72	1.79	1.16	51.5	12.4	8	9.02	78.2
M359733		2.36	0.041	0.95	7.05	36.0	550	1.22	1.11	1.50	1.91	45.6	7.7	7	13.55	138.0
M359734		3.07	0.042	0.47	7.19	18.4	1780	1.38	0.63	1.91	0.43	47.1	6.4	9	20.2	159.0



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**CERTIFICATE OF ANALYSIS WH12216600**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359699		9.37	14.40	0.22	0.6	1.160	2.72	13.0	5.0	0.84	3010	6.15	0.05	1.7	2.5	410
M359700		7.38	15.95	0.17	0.7	0.326	3.32	13.8	6.3	0.49	516	1.52	0.05	1.7	2.0	490
M359701		8.91	14.30	0.24	0.8	0.226	3.17	13.1	6.7	0.56	717	1.17	0.04	2.4	2.3	490
M359702		4.55	13.80	0.13	0.8	0.363	3.25	8.3	8.4	0.94	1100	4.71	0.05	2.3	1.4	420
M359703		3.53	14.60	0.10	0.8	0.143	3.43	10.9	7.4	0.86	700	0.80	0.05	2.9	1.6	470
M359704		3.52	14.65	0.11	0.8	0.131	3.42	11.0	7.4	0.87	694	0.74	0.05	3.1	1.5	490
M359705		4.26	15.35	0.12	0.9	0.301	3.50	12.5	6.7	0.86	828	1.63	0.05	3.1	1.3	550
M359706		3.73	15.55	0.13	0.9	0.213	3.64	31.1	6.5	0.85	1040	0.44	0.04	3.5	2.1	560
M359707		6.45	15.55	0.17	0.8	0.441	3.23	12.1	6.2	0.78	1600	6.92	0.05	2.6	1.7	470
M359708		2.57	17.20	0.10	3.4	0.031	3.30	31.1	8.9	1.17	885	1.77	0.04	9.8	7.8	970
M359709		2.39	18.15	0.11	3.5	0.033	3.51	32.8	8.8	1.18	2030	1.83	0.04	10.1	6.7	1000
M359710		7.72	13.00	0.18	1.0	5.06	2.21	19.3	27.5	0.59	2920	14.55	0.08	5.5	15.1	430
M359711		2.44	17.95	0.09	3.6	0.105	3.36	36.0	9.4	1.03	3520	2.72	0.03	10.0	7.2	990
M359712		5.18	22.4	0.16	1.2	0.223	3.22	32.6	15.1	0.58	1000	3.73	0.04	4.6	3.0	610
M359713		3.89	18.05	0.12	1.0	0.171	3.52	33.9	8.2	0.61	860	2.16	0.04	4.5	2.8	550
M359714		5.34	18.05	0.16	0.9	0.251	3.30	25.9	8.0	0.71	1320	2.81	0.04	5.4	2.9	530
M359715		16.95	8.79	0.43	0.5	5.38	1.13	13.1	7.7	1.81	5620	2.16	0.02	2.4	3.1	320
M359716		0.47	0.30	<0.05	<0.1	0.017	0.02	0.7	0.9	12.00	196	0.13	<0.01	0.3	5.8	170
M359717		5.52	16.70	0.16	0.9	0.271	3.41	31.7	8.3	1.00	1970	0.89	0.06	4.2	2.7	500
M359718		18.45	9.56	0.40	0.3	1.015	1.16	7.7	4.5	1.83	4170	1.35	0.02	1.6	2.4	190
M359719		0.50	0.33	<0.05	<0.1	0.007	0.03	0.8	1.0	12.65	212	0.34	0.01	0.3	5.9	190
M359720		7.20	15.30	0.15	1.0	1.220	2.84	23.7	8.5	0.85	2340	1.83	0.05	3.3	2.9	530
M359721		4.64	15.00	0.13	0.9	0.323	3.37	37.3	7.5	0.74	2160	1.12	0.04	3.6	2.1	490
M359722		4.45	14.95	0.11	0.9	0.198	2.85	30.0	18.6	0.72	825	0.96	0.05	6.0	2.6	530
M359723		3.55	16.25	0.11	0.9	0.097	2.84	28.8	22.3	0.61	771	1.84	0.08	7.2	2.6	570
M359724		3.93	14.85	0.11	0.9	0.099	2.74	25.4	20.3	0.66	699	1.90	0.09	7.2	2.6	570
M359725		3.51	16.10	0.10	1.0	0.071	2.84	29.9	25.6	0.42	678	1.65	0.12	7.7	3.0	590
M359726		3.50	15.90	0.10	0.9	0.070	2.85	28.9	24.5	0.37	648	1.49	0.12	7.6	2.4	580
M359727		4.13	13.50	0.09	0.8	0.123	1.87	31.8	36.7	0.41	671	2.99	0.04	6.0	2.8	530
M359728		3.57	14.35	0.09	0.9	0.114	1.69	28.8	51.8	0.65	828	1.34	0.03	6.6	2.5	540
M359729		3.20	15.75	0.10	1.0	0.087	2.15	21.8	41.6	0.53	679	1.39	0.09	7.6	2.5	550
M359730		5.19	15.70	0.17	1.3	1.020	2.84	26.0	23.9	0.68	1960	12.85	0.26	7.9	18.1	480
M359731		3.43	16.05	0.10	1.1	0.122	2.53	29.2	36.3	0.63	699	1.49	0.08	7.0	2.9	530
M359732		3.22	15.75	0.09	1.2	0.089	2.30	28.3	55.4	0.60	612	1.66	0.11	7.6	3.0	570
M359733		4.47	15.10	0.12	1.2	0.110	2.46	25.0	31.5	0.57	656	3.79	0.08	7.2	2.7	520
M359734		3.03	14.70	0.07	0.9	0.078	2.38	26.2	33.4	0.53	523	0.84	0.68	7.1	2.4	540



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**CERTIFICATE OF ANALYSIS WH12216600**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M359699		641	185.0	0.002	9.84	24.0	7.0	3	11.4	33.5	0.14	2.19	10.5	0.067	1.7
M359700		84.6	197.5	<0.002	7.66	12.30	7.9	2	12.0	16.9	0.17	0.70	12.1	0.086	2.1
M359701		143.5	156.5	<0.002	9.49	4.68	7.3	3	12.0	33.0	0.21	0.57	11.2	0.090	2.3
M359702		286	168.0	0.002	4.44	4.47	7.6	2	9.6	49.6	0.22	0.27	12.7	0.091	2.7
M359703		260	175.5	<0.002	3.22	3.17	7.7	2	5.3	41.0	0.30	0.17	14.5	0.100	3.0
M359704		226	185.0	<0.002	3.21	3.18	7.8	2	5.3	41.4	0.30	0.17	14.3	0.100	3.0
M359705		202	192.0	<0.002	4.01	10.05	8.4	2	6.4	54.7	0.31	0.54	13.2	0.108	4.5
M359706		101.5	204	<0.002	3.19	10.30	10.2	2	5.4	53.1	0.36	0.20	14.8	0.142	3.8
M359707		130.5	218	0.003	6.36	12.80	7.6	2	11.3	36.5	0.21	1.27	11.0	0.091	3.0
M359708		13.3	172.0	<0.002	0.64	8.67	6.7	2	1.4	147.0	0.78	<0.05	9.5	0.275	9.8
M359709		132.0	182.0	<0.002	0.87	9.78	6.7	2	1.3	109.0	0.81	<0.05	9.8	0.293	6.0
M359710		9090	135.5	0.002	6.67	207	6.8	4	8.5	120.0	0.47	0.49	9.3	0.179	5.8
M359711		517	191.0	<0.002	1.59	18.20	7.0	2	2.2	108.0	0.79	0.10	10.3	0.290	5.2
M359712		131.5	181.0	<0.002	4.99	41.9	10.4	3	15.4	70.9	0.39	1.37	13.8	0.172	7.3
M359713		123.5	223	<0.002	3.19	5.93	9.9	2	8.9	46.4	0.42	0.57	14.6	0.161	2.7
M359714		99.6	182.5	<0.002	4.82	15.15	10.1	2	7.4	76.7	0.48	0.38	13.2	0.181	3.6
M359715		384	79.0	<0.002	>10.0	163.5	3.8	4	13.2	237	0.17	1.28	5.9	0.066	8.4
M359716		2.5	1.5	<0.002	0.03	0.57	0.2	2	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	1.2
M359717		85.1	212	<0.002	5.34	31.1	9.8	3	10.9	47.4	0.39	0.36	12.6	0.156	2.7
M359718		752	75.0	<0.002	>10.0	138.5	3.3	3	9.4	59.5	0.12	0.85	5.3	0.048	2.2
M359719		3.8	1.4	<0.002	0.03	0.45	0.2	2	<0.2	54.5	<0.05	<0.05	<0.2	<0.005	0.8
M359720		3440	169.5	<0.002	7.45	51.5	7.3	4	11.4	39.1	0.31	0.62	12.0	0.127	3.2
M359721		171.0	198.5	<0.002	4.20	12.85	8.6	2	9.2	32.2	0.39	0.22	14.0	0.150	3.4
M359722		73.0	120.5	<0.002	2.38	9.10	9.0	2	5.1	66.6	0.58	0.13	12.5	0.209	3.8
M359723		125.5	114.5	<0.002	1.07	8.49	9.6	2	3.7	84.8	0.66	0.05	12.8	0.242	4.1
M359724		94.2	101.5	<0.002	1.17	5.69	9.7	2	3.6	78.4	0.66	<0.05	12.2	0.240	6.0
M359725		52.0	120.0	<0.002	0.93	7.31	10.5	2	2.8	77.2	0.72	0.07	14.3	0.253	4.1
M359726		50.1	116.5	<0.002	0.94	6.64	10.2	2	2.9	75.0	0.73	0.06	14.3	0.255	4.2
M359727		68.6	99.0	<0.002	0.67	45.8	8.7	2	3.1	73.2	0.58	0.13	13.9	0.211	6.5
M359728		27.6	88.2	<0.002	1.19	65.7	9.0	2	4.3	95.5	0.67	0.10	13.9	0.225	8.2
M359729		19.1	76.6	<0.002	0.51	23.3	9.0	2	2.7	92.7	0.73	0.07	11.8	0.239	3.5
M359730		1335	160.5	0.002	3.03	32.0	8.6	2	5.8	149.5	0.70	0.30	11.5	0.209	5.2
M359731		37.5	113.5	<0.002	1.17	25.7	9.5	2	3.9	103.0	0.68	0.15	13.4	0.213	4.4
M359732		32.9	89.8	<0.002	1.12	20.6	10.0	2	2.8	131.0	0.78	0.08	14.0	0.239	5.8
M359733		55.1	101.5	<0.002	2.49	23.0	9.5	3	3.9	83.0	0.73	0.17	12.4	0.222	5.3
M359734		24.2	88.9	<0.002	0.42	31.3	9.2	2	2.3	177.5	0.66	0.14	12.2	0.242	4.1



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 Account: ROCKHA

Project: Klaza-126

**CERTIFICATE OF ANALYSIS WH12216600**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Zn-OG62 Zn % 0.001
M359699		40	4.5	6.9	924	17.1	28		
M359700		51	4.9	6.9	148	18.0	4		
M359701		40	4.6	9.4	238	20.5	2		
M359702		41	3.9	8.3	681	21.2	<1		
M359703		42	3.4	8.3	559	20.9	<1		
M359704		42	3.4	8.6	443	21.7	<1		
M359705		44	5.1	9.6	751	21.9	2		
M359706		69	4.7	12.2	222	24.6	2		
M359707		43	5.8	7.5	303	23.4	10		
M359708		56	2.7	13.0	59	119.5	<1		
M359709		60	3.2	13.5	327	125.0	<1		
M359710		51	4.7	9.8	>10000	33.0	120		1.580
M359711		59	4.4	14.7	1520	127.5	2		
M359712		65	12.1	10.8	133	33.0	5		
M359713		60	6.7	9.3	156	25.1	3		
M359714		63	7.9	12.0	260	23.2	4		
M359715		26	6.0	9.1	585	15.5	116	1.810	
M359716		2	0.1	0.9	14	<0.5	<1		
M359717		64	12.0	9.9	252	21.8	4		
M359718		24	5.0	7.3	888	8.6	22		
M359719		2	0.1	0.9	18	<0.5	<1		
M359720		54	8.5	9.1	5590	25.3	10		
M359721		57	8.9	9.2	618	20.1	1		
M359722		64	9.6	11.5	389	20.8	1		
M359723		65	4.9	13.6	255	22.1	<1		
M359724		74	18.5	13.8	173	20.8	<1		
M359725		69	5.8	14.5	150	25.4	1		
M359726		68	5.9	13.8	154	22.8	1		
M359727		61	7.1	13.7	280	18.8	1		
M359728		62	7.4	13.0	142	21.3	<1		
M359729		62	5.4	12.7	129	24.2	<1		
M359730		57	5.7	12.0	2860	40.3	10		
M359731		60	4.4	14.5	142	26.4	1		
M359732		66	6.1	14.2	150	27.8	<1		
M359733		64	10.2	14.3	230	27.7	1		
M359734		64	5.7	13.3	102	21.6	<1		



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**CERTIFICATE OF ANALYSIS WH12216600**

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





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**CERTIFICATE WH12216601**

Project: Klaza-128

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12216601**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358846		2.45	0.044	0.77	7.59	19.2	2700	1.34	1.45	1.20	1.01	52.9	7.5	12	7.48	85.8
M358847		1.72	0.067	1.34	7.74	33.4	2370	1.27	3.04	0.51	0.52	43.1	3.1	31	10.00	36.0
M358848		4.83	0.057	1.71	6.91	161.0	2500	0.94	3.17	0.17	0.30	52.8	2.3	8	17.95	196.5
M358849		4.56	0.036	1.55	7.11	90.2	1420	1.13	1.52	0.17	0.51	51.3	5.4	10	17.80	203
M358850		7.45	0.103	1.38	7.42	76.4	500	1.35	3.73	0.04	1.48	43.9	7.0	20	6.51	67.5
M358851		3.38	0.061	0.89	7.50	63.5	580	1.30	2.33	0.04	0.52	41.2	5.7	14	6.02	56.6
M358852		1.95	0.160	0.73	6.80	42.4	1150	1.36	2.32	0.04	6.28	43.4	3.7	13	7.84	89.1
M358853		6.16	0.075	0.88	7.35	78.1	510	1.40	2.25	0.09	2.25	44.1	6.6	14	5.63	81.8
M358854		3.52	0.040	0.72	7.24	50.6	530	1.66	1.92	0.29	3.51	41.1	5.6	13	6.05	96.9
M358855		0.26	0.777	9.16	6.50	1730	1020	1.41	5.94	1.84	41.6	42.5	16.3	20	15.85	107.5
M358856		5.30	0.124	0.77	7.10	77.3	310	1.38	1.94	0.30	1.96	38.4	9.9	13	4.94	70.2
M358857		4.17	0.059	1.61	7.24	78.1	500	1.68	2.75	0.57	2.90	44.2	6.4	12	5.99	230
M358858		4.21	0.037	1.88	7.66	79.9	2010	1.86	1.79	1.02	4.00	38.0	8.8	14	9.11	288
M358859		7.10	0.052	1.11	7.91	88.5	1620	1.76	1.52	1.36	3.41	50.3	8.1	24	14.60	334
M358860		4.97	0.059	0.63	7.48	94.2	1280	1.63	0.96	2.02	3.30	48.6	11.1	8	20.4	347
M358861		5.16	0.084	1.29	7.46	82.5	1400	1.63	1.64	2.01	1.54	49.9	9.1	8	14.85	167.5
M358862		3.19	0.070	1.20	7.28	85.1	860	1.63	1.34	2.02	1.35	52.0	8.2	8	15.35	178.5
M358863		6.37	0.134	1.45	7.40	138.0	1480	1.58	1.98	1.72	2.70	49.0	8.6	7	15.50	351
M358864		7.03	0.021	0.26	7.07	40.9	2390	1.49	0.56	2.62	0.55	44.0	8.5	8	16.25	121.5
M358865		4.31	0.039	0.72	6.90	55.6	1190	1.57	1.37	2.53	2.03	42.8	7.1	9	15.50	402
M358866		0.26	0.807	10.60	6.62	1755	1060	1.53	5.82	1.87	43.1	43.3	17.1	21	16.40	110.0
M358867		6.99	0.093	0.79	7.55	129.5	950	1.71	2.02	2.45	0.51	52.6	8.7	8	16.20	569
M358868		3.52	0.334	2.50	6.25	109.5	850	1.35	5.31	1.52	1.47	37.4	8.5	7	10.10	113.5
M358869		5.95	0.023	0.61	7.53	50.7	1410	1.57	1.68	1.96	0.98	47.0	6.6	9	14.70	126.5
M358870		5.76	0.509	0.90	6.80	32.6	1210	1.30	2.40	1.35	1.36	34.5	10.9	12	7.93	83.1
M358871		4.49	0.027	0.77	6.78	34.3	840	1.40	1.91	1.69	1.41	44.5	8.9	8	10.75	140.5
M358872		4.51	0.026	1.00	7.29	28.6	1020	1.55	2.16	1.73	1.10	41.5	9.4	7	11.40	84.6
M358873		4.65	0.045	1.05	7.47	68.3	1720	1.80	0.70	2.80	2.35	47.6	9.3	7	17.55	119.5
M358874		3.06	<0.005	0.01	0.07	<5	30	0.06	0.03	20.9	0.07	1.58	1.2	<1	0.22	1.6
M358875		6.15	0.046	1.10	7.15	102.0	630	1.68	1.41	2.83	1.61	45.6	7.1	8	14.90	249
M358876		5.61	0.089	1.23	7.14	47.3	1540	1.57	1.76	1.92	1.81	44.7	8.5	8	11.55	366
M358877		<0.02	0.062	1.28	7.22	51.1	910	1.71	1.75	2.02	2.13	42.8	8.7	8	11.95	404
M358878		4.03	0.452	0.98	7.26	46.4	1460	1.60	1.14	2.21	1.63	48.5	7.3	7	17.00	344
M358879		3.37	0.222	1.19	7.64	82.4	1090	1.45	2.55	1.01	1.40	51.9	10.6	9	11.15	72.1
M358880		3.06	<0.005	0.01	0.08	<5	30	0.05	0.02	19.95	0.06	1.26	1.2	<1	0.17	2.9
M358881		4.90	1.925	2.68	6.52	165.5	490	0.86	5.37	0.10	0.60	32.9	10.3	8	6.33	153.0



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**CERTIFICATE OF ANALYSIS WH12216601**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358846		2.75	17.15	0.11	1.2	0.089	2.83	29.0	15.4	0.69	415	1.18	1.79	7.3	3.6	530
M358847		2.21	19.50	0.12	1.6	0.107	3.61	24.2	10.2	0.51	175	1.85	0.68	4.9	2.0	370
M358848		4.70	16.85	0.17	0.9	0.128	3.01	28.6	9.1	0.27	72	1.49	0.06	3.3	1.4	660
M358849		4.00	16.25	0.15	1.0	0.119	3.03	28.7	12.8	0.29	137	2.15	0.06	4.4	2.4	810
M358850		4.79	18.50	0.18	1.8	0.232	3.80	24.0	7.0	0.44	67	2.33	0.06	3.7	4.4	410
M358851		4.72	16.35	0.19	1.7	0.217	3.78	22.1	7.5	0.38	51	4.22	0.06	3.1	3.1	420
M358852		3.07	15.70	0.17	1.6	0.174	3.51	24.5	16.3	0.36	35	3.11	0.06	3.7	1.9	320
M358853		4.61	17.20	0.19	1.7	0.262	3.78	24.3	7.3	0.45	156	1.99	0.06	3.4	3.3	440
M358854		4.28	15.30	0.18	1.6	0.241	3.71	22.0	7.0	0.49	607	2.21	0.05	2.9	3.4	640
M358855		4.93	15.05	0.18	1.3	0.922	2.81	21.9	23.9	0.67	1940	13.20	0.26	7.7	15.1	490
M358856		5.09	15.15	0.18	1.5	0.226	3.62	19.4	7.8	0.51	326	3.11	0.06	2.9	3.7	460
M358857		4.68	16.90	0.19	1.5	0.285	3.76	23.9	7.9	0.62	906	2.28	0.05	3.0	3.9	680
M358858		3.94	16.60	0.18	1.7	0.122	3.66	19.0	6.8	0.79	842	3.04	0.05	3.2	4.5	1010
M358859		3.92	18.90	0.18	1.5	0.163	3.46	27.1	24.5	0.71	674	1.36	0.19	4.6	4.9	910
M358860		3.42	16.65	0.19	1.0	0.085	3.16	26.8	9.7	0.82	458	2.58	0.05	5.2	3.1	590
M358861		3.81	16.75	0.18	0.9	0.104	3.25	26.9	13.3	0.89	819	2.87	0.05	4.6	2.6	580
M358862		3.37	16.55	0.16	1.0	0.102	3.16	27.6	15.0	0.86	810	1.09	0.05	5.1	2.5	590
M358863		3.63	17.25	0.16	1.0	0.106	3.01	26.2	25.8	0.65	793	1.74	0.05	5.1	2.8	580
M358864		3.02	16.90	0.15	1.0	0.043	2.52	22.4	42.5	0.86	326	2.73	0.06	6.5	2.6	600
M358865		3.41	16.95	0.17	1.0	0.065	2.50	22.1	31.3	0.80	394	1.28	0.47	6.5	3.5	580
M358866		5.07	15.70	0.18	1.3	0.957	2.85	22.5	26.2	0.68	1980	13.25	0.26	7.8	15.6	510
M358867		3.78	17.60	0.16	1.0	0.073	2.93	28.9	25.7	0.94	342	1.65	0.07	6.4	2.7	580
M358868		5.14	14.25	0.19	0.7	0.123	2.79	19.3	24.7	0.75	1300	2.61	0.06	3.4	2.2	440
M358869		3.29	16.00	0.17	0.8	0.074	3.25	25.8	7.3	0.86	430	3.46	0.09	4.7	2.4	570
M358870		5.66	14.10	0.20	0.8	0.065	3.18	18.3	8.4	0.74	344	9.10	0.07	2.7	2.7	500
M358871		4.43	14.40	0.19	0.7	0.097	3.14	24.0	7.5	0.83	417	3.18	0.05	3.4	2.4	510
M358872		4.83	15.55	0.18	0.9	0.106	3.40	22.0	7.9	0.85	575	1.55	0.06	3.7	2.3	540
M358873		2.92	16.20	0.15	0.9	0.082	3.30	25.6	8.3	1.01	2590	2.71	0.04	6.3	2.4	580
M358874		0.48	0.25	0.07	<0.1	<0.005	0.03	0.8	0.9	12.50	218	0.16	<0.01	0.3	2.2	180
M358875		3.31	16.25	0.15	0.9	0.098	3.24	23.6	17.5	0.94	1650	1.93	0.05	5.7	2.4	580
M358876		4.11	15.25	0.18	0.9	0.113	3.11	23.2	22.4	0.72	716	1.50	0.07	5.1	2.2	530
M358877		4.16	15.75	0.17	0.9	0.110	3.16	21.7	23.4	0.73	947	1.65	0.08	5.2	2.4	550
M358878		3.00	16.55	0.15	0.9	0.093	3.05	26.8	25.2	0.75	761	2.65	0.05	5.5	2.2	540
M358879		4.43	17.00	0.18	0.8	0.146	3.44	27.4	27.6	0.53	494	2.44	0.07	4.4	2.5	580
M358880		0.43	0.30	0.06	<0.1	<0.005	0.03	0.6	1.0	11.95	193	0.23	<0.01	0.3	2.2	190
M358881		5.94	15.20	0.19	0.8	0.162	3.13	17.1	10.3	0.32	36	8.06	0.07	2.4	1.7	370



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**CERTIFICATE OF ANALYSIS WH12216601**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M358846		41.2	133.5	<0.002	0.19	4.72	10.0	1	4.8	283	0.61	0.27	13.0	0.220	3.0
M358847		63.3	176.5	<0.002	0.35	23.5	11.2	2	7.3	152.5	0.41	0.32	9.8	0.186	2.8
M358848		44.4	151.0	<0.002	1.10	38.5	8.8	3	8.3	99.8	0.28	0.66	15.5	0.144	2.5
M358849		38.9	158.0	<0.002	0.85	35.5	10.4	2	7.0	146.0	0.41	0.21	20.5	0.170	3.6
M358850		72.9	206	<0.002	3.91	25.9	8.6	2	9.1	83.1	0.28	0.37	10.5	0.107	4.1
M358851		47.4	188.5	<0.002	3.94	12.95	7.8	2	9.7	89.0	0.24	0.30	10.1	0.102	4.0
M358852		60.8	171.0	<0.002	2.05	21.6	6.8	3	12.8	121.0	0.29	0.30	10.6	0.104	3.6
M358853		35.0	195.0	<0.002	3.77	29.5	7.3	2	9.7	72.9	0.25	0.47	10.8	0.094	4.2
M358854		28.3	187.5	<0.002	3.04	13.15	7.3	2	4.9	93.1	0.22	0.27	10.7	0.083	5.1
M358855		1330	166.0	0.002	2.99	34.0	9.1	1	6.0	151.0	0.63	0.29	11.6	0.195	5.1
M358856		52.7	175.0	<0.002	4.43	8.39	7.1	3	8.0	90.4	0.20	0.36	9.4	0.085	3.8
M358857		66.0	194.0	<0.002	3.59	36.3	7.4	2	9.2	88.9	0.23	0.42	10.4	0.090	5.8
M358858		71.5	190.0	<0.002	2.97	40.3	8.1	2	4.0	125.5	0.25	0.29	11.2	0.100	7.4
M358859		90.8	173.5	<0.002	2.05	17.10	13.2	2	5.2	149.0	0.39	0.21	12.7	0.187	5.2
M358860		39.5	151.5	<0.002	1.74	12.95	11.2	2	3.5	76.6	0.48	0.17	14.4	0.186	4.6
M358861		67.9	177.0	<0.002	3.02	18.60	11.5	2	4.4	71.1	0.39	0.14	13.6	0.170	3.1
M358862		57.3	161.0	<0.002	2.49	18.15	11.6	2	4.2	71.1	0.43	0.14	13.2	0.179	2.7
M358863		65.1	162.0	<0.002	2.25	27.2	11.4	2	5.5	144.0	0.41	0.19	13.6	0.182	4.1
M358864		23.2	90.5	<0.002	1.28	16.35	11.6	2	2.9	135.0	0.55	0.07	11.9	0.206	4.2
M358865		33.6	109.0	<0.002	1.47	14.30	11.2	1	3.3	221	0.53	0.11	11.0	0.205	4.2
M358866		1365	166.5	0.002	3.05	35.7	9.8	1	6.3	152.5	0.64	0.32	11.9	0.200	5.2
M358867		31.5	148.5	<0.002	2.93	11.00	12.0	2	5.4	110.5	0.55	0.22	14.6	0.209	3.9
M358868		98.8	156.0	<0.002	4.58	26.9	9.7	3	7.7	72.1	0.28	0.30	10.2	0.126	2.6
M358869		46.4	161.0	<0.002	2.60	20.2	11.8	2	3.7	81.9	0.34	0.22	11.9	0.178	3.5
M358870		68.2	156.5	0.002	5.86	18.35	10.2	5	5.9	44.2	0.23	0.45	10.7	0.114	2.4
M358871		59.9	160.5	<0.002	4.00	11.85	10.3	3	4.7	42.7	0.27	0.28	12.7	0.123	2.4
M358872		58.0	176.0	<0.002	4.48	11.00	11.2	4	6.5	52.3	0.30	0.38	12.5	0.138	2.4
M358873		43.9	149.0	<0.002	1.69	20.7	11.2	1	3.6	115.5	0.52	0.08	13.5	0.205	3.4
M358874		1.6	1.8	<0.002	0.01	0.06	0.2	1	<0.2	50.3	<0.05	<0.05	<0.2	<0.005	0.5
M358875		50.6	149.5	<0.002	2.39	12.05	11.3	2	4.7	145.0	0.48	0.14	12.0	0.190	4.4
M358876		69.2	144.0	<0.002	3.40	10.65	10.7	3	6.2	117.5	0.44	0.20	12.6	0.171	5.0
M358877		69.3	145.5	<0.002	3.38	11.85	11.2	3	6.3	118.5	0.44	0.22	12.4	0.170	5.9
M358878		37.4	140.0	<0.002	1.68	13.15	10.3	2	5.4	110.0	0.50	0.08	12.7	0.176	2.8
M358879		100.5	169.5	<0.002	3.60	5.84	12.1	2	8.2	68.1	0.36	0.15	13.2	0.167	2.6
M358880		1.5	1.6	<0.002	0.02	0.06	0.2	1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	0.9
M358881		84.5	153.0	0.002	6.36	24.4	9.9	4	14.3	33.2	0.20	0.34	10.6	0.105	3.7



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**CERTIFICATE OF ANALYSIS WH12216601**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358846		68	3.7	15.1	96	31.4	1
M358847		84	8.1	8.9	76	49.6	1
M358848		63	7.5	6.2	126	24.1	2
M358849		69	10.5	8.7	186	26.7	2
M358850		60	7.5	8.0	113	57.9	2
M358851		64	7.1	7.0	82	51.9	1
M358852		53	13.5	5.8	90	49.7	<1
M358853		54	11.2	8.0	145	52.0	1
M358854		55	4.6	9.6	201	51.3	1
M358855		58	5.0	12.4	3050	38.1	10
M358856		52	9.9	8.0	161	47.6	1
M358857		55	7.0	9.1	160	48.5	2
M358858		57	5.0	11.2	192	55.0	2
M358859		80	4.7	14.3	252	45.7	1
M358860		65	3.1	15.6	183	25.2	1
M358861		66	7.9	13.8	110	23.3	1
M358862		67	7.0	13.7	105	25.1	1
M358863		67	4.6	14.3	222	24.4	2
M358864		72	3.8	14.8	74	24.6	<1
M358865		68	3.6	15.8	154	24.0	1
M358866		59	5.2	13.0	3100	38.8	10
M358867		69	6.9	15.0	71	24.7	<1
M358868		59	12.3	11.1	150	18.7	4
M358869		68	8.1	12.7	116	21.0	1
M358870		60	9.7	10.3	125	19.2	1
M358871		58	7.6	11.2	132	19.8	1
M358872		65	10.2	11.2	119	22.7	1
M358873		66	4.5	13.6	250	24.6	1
M358874		2	0.1	0.9	17	<0.5	<1
M358875		67	5.1	13.0	157	23.9	1
M358876		63	11.4	13.0	175	22.7	2
M358877		64	11.5	13.4	198	23.2	1
M358878		60	6.6	13.5	145	21.6	<1
M358879		68	9.4	11.5	168	21.2	2
M358880		2	0.1	0.9	16	<0.5	<1
M358881		63	13.0	8.7	49	20.4	3



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Project: Klaza-128

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Finalized Date: 26-SEP-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12216601**

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



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To: **ROCKHAVEN RESOURCES LTD.**  
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**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

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Finalized Date: 28-SEP-2012  
Account: ROCKHA

**CERTIFICATE WH12216602**

Project: Klaza-128

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12216602**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358990		2.73	0.354	8.24	6.48	479	290	0.94	7.59	0.85	10.75	42.3	12.8	9	4.54	866
M358991		3.93	0.091	1.00	6.47	106.5	320	1.07	0.97	1.96	2.95	45.9	13.6	8	9.18	170.0
M358992		2.28	<0.005	0.02	0.06	8	30	0.05	0.03	21.4	0.08	1.10	1.1	<1	0.12	2.4
M358993		6.90	0.029	0.97	7.46	56.5	310	1.28	1.16	2.21	0.30	45.0	11.0	8	12.60	647
M358994		10.05	0.041	0.53	7.30	62.0	750	1.12	1.23	1.21	2.49	59.3	12.2	8	8.67	176.5
M358995		3.03	0.231	1.09	6.87	94.0	140	0.74	3.22	0.45	1.67	90.6	26.9	9	4.64	117.5
M358996		5.98	0.086	0.87	7.59	76.8	240	1.22	1.09	1.53	0.53	82.5	14.1	8	9.92	458
M358997		7.77	0.026	0.49	7.38	21.0	280	1.43	0.91	1.93	0.51	46.4	8.3	8	10.55	180.0
M358998		0.26	0.793	9.91	6.84	1815	510	1.34	6.54	1.92	44.8	43.6	17.1	19	16.65	106.5
M358999		8.62	0.028	0.54	7.34	9.9	330	1.41	0.67	2.04	0.24	43.8	11.6	8	10.90	249
M359000		8.51	0.019	0.45	7.26	8.2	540	1.44	0.82	2.17	0.20	47.6	9.5	9	11.60	193.0
M354301		9.29	0.013	0.40	7.16	10.1	580	1.43	0.78	1.97	0.16	45.4	8.9	7	10.00	166.0
M354302		6.19	0.015	0.30	7.23	46.3	1030	1.41	0.76	2.39	0.14	49.1	7.3	8	11.25	193.0
M354303		5.72	0.011	0.34	7.61	50.0	720	1.29	0.71	1.99	0.16	59.9	8.5	7	15.05	178.5
M354304		4.78	0.012	0.31	7.55	39.5	650	1.28	0.69	1.51	0.23	52.5	7.6	8	14.95	146.5
M354305		7.68	0.027	0.43	7.47	42.4	400	1.38	0.86	1.46	0.54	51.0	8.9	9	12.50	147.5
M354306		<0.02	0.035	0.44	7.71	43.0	340	1.33	0.91	1.48	0.55	50.8	9.1	11	12.90	151.5
M354307		5.39	0.015	0.63	7.89	55.3	370	1.49	1.15	1.47	0.62	44.7	9.6	8	11.60	209
M354308		4.96	0.016	0.77	7.61	37.6	780	1.28	1.26	1.41	0.46	46.6	10.1	7	9.37	260
M354309		1.92	0.021	0.74	7.50	39.9	920	1.29	1.32	1.28	0.37	47.2	10.5	7	9.17	271
M354310		2.64	0.036	0.58	7.06	15.9	210	1.11	1.95	1.14	0.56	34.7	18.0	7	6.56	116.5
M354311		5.11	0.014	0.46	7.68	14.1	340	1.39	0.93	1.78	0.26	45.4	10.0	8	12.35	164.5
M354312		7.34	0.014	0.47	7.64	37.0	330	1.22	1.03	1.75	0.28	54.2	10.9	9	13.75	170.0
M354313		0.26	0.762	9.83	6.51	1765	290	1.39	6.36	1.88	45.0	42.5	16.7	19	16.65	106.0
M354314		8.40	0.028	0.57	7.53	42.7	360	1.29	0.83	1.91	0.24	53.8	10.1	8	13.35	220
M354315		5.98	0.019	0.59	6.92	47.5	560	1.24	0.90	2.13	0.49	49.2	9.6	7	13.75	214
M354316		3.42	0.047	0.80	7.36	80.0	500	1.34	1.09	2.15	0.38	53.4	7.7	6	16.15	141.5
M354317		2.49	0.088	1.72	6.60	119.5	390	1.40	1.33	1.98	1.18	51.0	9.2	6	12.90	226
M354318		3.19	0.049	2.02	6.10	174.5	320	1.25	1.66	2.08	1.90	44.7	9.1	8	11.85	479
M354319		2.99	<0.005	0.02	0.06	<5	20	<0.05	0.21	21.3	0.07	1.18	1.2	<1	0.22	1.6
M354320		5.21	0.009	0.52	7.62	57.5	640	1.35	0.67	1.96	0.26	57.0	9.1	7	17.20	202
M354321		5.60	0.011	0.54	6.64	29.9	470	1.36	0.65	2.35	0.21	41.4	9.7	7	13.90	252
M354322		7.84	0.011	0.42	7.35	7.6	870	1.47	0.65	2.08	0.20	50.1	7.0	10	11.30	230
M354323		4.64	0.020	0.47	7.27	4.2	1120	1.48	0.67	2.18	0.19	50.7	9.1	7	10.80	242
M354324		3.04	0.021	0.73	7.14	24.5	330	1.33	0.93	2.42	0.18	47.9	10.5	8	13.85	313
M354325		8.57	0.012	0.29	7.17	5.9	1210	1.41	0.52	2.35	0.18	48.2	7.4	8	11.00	179.0





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Account: ROCKHA

Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12216602**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358990		7.29	14.30	0.19	0.6	0.422	3.08	21.3	11.7	0.52	684	7.61	0.06	3.2	2.3	470
M358991		5.21	12.60	0.18	0.6	0.192	3.00	24.4	9.7	0.97	1160	48.0	0.04	2.8	2.4	470
M358992		0.43	0.26	0.14	<0.1	0.005	0.03	0.5	2.3	12.45	192	0.20	<0.01	0.3	1.4	200
M358993		4.46	14.65	0.18	0.6	0.299	3.65	22.1	10.8	0.93	639	3.45	0.05	3.0	2.1	560
M358994		4.54	14.00	0.18	0.7	0.225	3.43	30.6	12.2	0.68	522	15.85	0.05	2.6	1.8	450
M358995		8.01	16.35	0.22	0.5	0.118	3.20	54.7	10.9	0.44	300	7.66	0.07	2.0	3.8	450
M358996		4.34	15.75	0.19	0.6	0.161	3.79	46.6	19.3	0.75	379	10.75	0.09	3.1	2.9	590
M358997		3.13	15.00	0.17	0.7	0.057	3.24	22.3	14.7	0.73	235	4.48	0.77	3.9	2.2	520
M358998		5.28	15.85	0.18	1.3	1.045	2.86	20.7	27.0	0.71	2060	13.35	0.27	8.1	14.9	500
M358999		3.22	16.00	0.17	0.7	0.055	2.92	20.6	21.3	0.63	195	7.91	1.66	5.1	2.6	520
M359000		2.86	16.15	0.17	0.8	0.057	3.03	23.5	27.1	0.78	231	3.90	1.34	6.3	2.4	550
M354301		2.97	15.90	0.16	0.7	0.070	2.81	21.8	37.6	0.80	216	5.90	1.75	5.7	2.2	570
M354302		2.66	16.00	0.17	0.8	0.093	2.91	23.6	62.6	0.90	286	6.47	0.31	5.8	2.3	610
M354303		2.72	15.65	0.18	0.7	0.057	2.79	31.0	41.8	0.83	276	3.36	0.06	5.3	2.2	560
M354304		2.56	15.45	0.16	0.7	0.053	2.71	26.1	30.2	0.77	273	3.61	0.04	4.7	2.3	590
M354305		3.43	14.85	0.17	0.7	0.134	3.27	23.7	18.6	0.71	300	8.28	0.06	3.3	2.3	550
M354306		3.60	15.10	0.18	0.7	0.143	3.34	23.5	19.1	0.74	307	8.43	0.06	3.4	2.5	560
M354307		3.09	15.80	0.17	0.7	0.100	3.65	20.0	18.5	0.82	250	2.91	0.08	3.6	2.2	580
M354308		4.34	14.75	0.20	0.7	0.211	4.38	20.6	12.1	0.77	353	6.25	0.10	3.1	2.3	560
M354309		4.27	14.95	0.19	0.7	0.202	4.10	21.5	12.9	0.73	322	5.91	0.09	3.1	2.3	580
M354310		7.00	14.45	0.22	0.5	0.254	3.64	14.0	16.0	0.69	418	7.74	0.06	2.0	2.3	520
M354311		3.36	16.60	0.18	0.7	0.118	3.60	20.8	22.6	0.78	309	16.80	0.36	4.7	2.6	620
M354312		3.51	15.15	0.18	0.7	0.070	3.13	26.1	24.8	0.81	268	6.59	0.07	4.8	2.3	610
M354313		5.08	15.80	0.19	1.2	1.035	2.78	20.1	27.6	0.67	2010	13.50	0.26	7.8	14.7	490
M354314		3.24	15.70	0.19	0.7	0.078	3.21	25.8	23.6	0.86	321	4.88	0.39	5.7	2.2	590
M354315		3.07	16.05	0.18	0.8	0.085	2.80	23.2	28.1	0.75	423	3.13	0.18	5.8	2.2	550
M354316		3.94	15.00	0.19	0.7	0.139	3.24	26.5	10.6	1.00	1070	6.89	0.04	4.4	2.1	530
M354317		4.72	13.65	0.19	1.0	0.209	2.96	26.0	11.5	0.89	1540	2.53	0.03	4.4	2.2	460
M354318		4.89	12.00	0.19	0.6	0.206	2.78	22.9	20.1	0.86	917	6.40	0.03	3.1	2.4	440
M354319		0.47	0.24	0.12	<0.1	0.006	0.03	0.5	1.8	12.65	211	0.17	<0.01	0.3	1.7	160
M354320		3.09	14.60	0.18	0.7	0.076	3.07	29.4	24.6	0.88	332	5.27	0.05	5.0	1.9	560
M354321		2.93	14.60	0.17	0.7	0.060	3.05	19.1	16.8	0.82	199	3.66	1.08	5.6	2.1	540
M354322		2.85	16.10	0.17	0.7	0.056	3.01	24.0	29.1	0.84	209	2.23	1.81	6.6	2.1	580
M354323		3.02	16.00	0.19	0.8	0.067	2.86	24.5	29.1	0.89	250	5.19	1.46	7.4	2.4	570
M354324		3.48	15.40	0.18	0.8	0.092	3.18	22.4	19.5	0.71	287	16.50	0.52	5.5	2.1	550
M354325		2.60	15.40	0.18	0.7	0.045	2.82	22.9	28.8	0.79	237	5.99	1.52	6.8	2.1	570



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Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12216602**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358990		690	133.0	<0.002	8.04	83.1	9.1	4	11.2	21.3	0.24	0.22	10.8	0.130	1.82	2.3
M358991		70.4	152.5	0.008	4.98	14.20	8.8	4	8.6	42.2	0.21	0.10	11.5	0.112	2.61	3.8
M358992		2.2	1.3	<0.002	<0.01	0.19	0.1	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M358993		14.1	151.5	<0.002	3.66	15.70	10.0	3	8.3	64.0	0.22	0.15	11.4	0.129	2.62	2.2
M358994		38.4	158.0	<0.002	4.02	20.7	8.2	3	14.8	37.1	0.30	0.15	15.2	0.087	2.31	2.6
M358995		57.5	160.0	0.002	8.86	13.00	8.9	7	19.9	19.1	0.17	0.40	10.6	0.086	1.54	2.7
M358996		25.9	138.0	0.003	3.77	15.50	11.2	3	6.2	84.4	0.23	0.12	12.1	0.144	2.18	2.6
M358997		24.1	116.0	<0.002	2.68	4.38	9.3	3	4.0	210	0.32	0.07	13.3	0.138	1.61	4.0
M358998		1385	153.0	<0.002	3.18	35.2	9.1	1	6.4	152.0	0.62	0.33	12.6	0.211	2.66	5.0
M358999		16.2	99.4	0.002	2.70	3.03	9.5	3	3.6	358	0.40	0.06	13.7	0.167	1.41	3.9
M359000		17.9	104.0	<0.002	2.07	0.91	10.4	3	3.6	929	0.48	0.07	13.0	0.201	1.38	3.9
M354301		18.2	100.5	<0.002	2.46	0.92	10.4	3	3.6	1440	0.42	0.09	12.3	0.191	1.36	3.7
M354302		13.5	93.1	<0.002	1.94	11.90	10.6	2	4.5	103.0	0.43	0.07	12.6	0.196	1.48	3.7
M354303		15.2	100.5	<0.002	2.08	41.9	10.6	3	3.4	88.6	0.40	0.06	15.4	0.186	1.37	4.6
M354304		15.4	93.8	<0.002	2.06	38.2	10.2	2	3.2	70.6	0.36	0.09	14.5	0.176	1.32	2.7
M354305		27.1	125.0	<0.002	2.95	12.45	10.3	3	5.7	68.0	0.25	0.14	14.4	0.128	1.76	9.1
M354306		27.4	127.0	<0.002	3.14	13.10	10.6	3	6.0	70.4	0.26	0.13	14.4	0.128	1.83	9.5
M354307		31.0	132.5	<0.002	2.80	22.0	10.5	3	4.6	94.7	0.29	0.14	15.4	0.141	1.72	4.3
M354308		23.1	161.0	<0.002	3.84	9.03	10.2	4	6.5	87.0	0.24	0.13	14.2	0.123	2.16	3.8
M354309		20.2	160.5	<0.002	3.79	9.66	10.4	4	7.2	76.6	0.25	0.14	14.8	0.124	2.13	5.0
M354310		21.9	147.0	<0.002	6.97	3.90	9.1	6	13.0	47.1	0.15	0.29	10.5	0.088	1.97	3.3
M354311		19.6	118.5	<0.002	2.76	10.75	11.2	3	4.5	144.0	0.35	0.10	12.9	0.184	1.82	3.6
M354312		17.7	108.0	<0.002	3.02	17.65	10.9	3	3.6	81.4	0.37	0.08	14.1	0.172	1.57	2.9
M354313		1325	149.0	<0.002	3.05	36.3	8.7	1	6.4	146.5	0.59	0.30	12.3	0.206	2.52	5.1
M354314		18.3	116.5	<0.002	2.64	21.1	10.7	3	3.9	155.5	0.43	0.09	14.1	0.191	1.69	4.0
M354315		23.4	98.9	<0.002	2.31	35.2	9.9	3	3.6	113.0	0.45	0.10	13.7	0.190	1.78	5.3
M354316		23.2	163.5	<0.002	3.39	28.3	9.9	3	5.8	55.7	0.35	0.10	14.6	0.158	2.80	3.9
M354317		41.3	148.5	<0.002	4.28	50.7	8.5	3	6.9	70.8	0.45	0.10	17.5	0.121	2.80	4.7
M354318		72.0	132.5	<0.002	4.62	107.5	8.4	4	6.2	63.8	0.25	0.07	12.0	0.118	2.51	7.4
M354319		1.4	1.5	<0.002	0.02	0.19	0.1	1	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M354320		17.5	128.5	<0.002	2.49	19.85	10.1	3	3.1	104.0	0.38	0.06	15.1	0.186	2.06	3.1
M354321		16.7	98.5	<0.002	2.35	4.62	9.5	3	2.9	241	0.43	0.07	11.5	0.190	1.59	3.6
M354322		14.3	96.3	<0.002	1.93	1.13	10.2	2	3.2	359	0.50	0.07	13.7	0.218	1.37	4.2
M354323		16.6	98.9	<0.002	1.92	1.02	10.8	3	3.2	320	0.56	0.07	14.0	0.229	1.31	4.2
M354324		17.2	119.0	<0.002	3.13	22.0	10.0	3	6.2	162.5	0.42	0.10	12.9	0.184	1.58	3.9
M354325		16.3	95.6	<0.002	1.76	1.52	10.5	3	3.3	444	0.51	0.06	12.9	0.219	1.26	4.1



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 Account: ROCKHA

Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12216602**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358990		61	15.2	9.3	1020	14.3	7
M358991		56	7.1	9.3	219	14.0	<1
M358992		3	0.1	0.8	14	<0.5	<1
M358993		64	8.3	10.5	81	16.0	<1
M358994		49	7.4	8.0	138	16.2	<1
M358995		58	8.0	7.4	126	13.9	<1
M358996		66	5.7	11.2	107	15.5	<1
M358997		59	5.0	13.1	60	17.8	<1
M358998		58	5.3	11.5	3050	38.3	8
M358999		59	4.7	13.3	52	17.9	<1
M359000		66	5.2	14.7	54	20.2	<1
M354301		65	5.3	14.3	55	18.0	<1
M354302		67	7.6	13.5	53	19.2	<1
M354303		63	6.2	14.0	51	17.7	<1
M354304		65	5.5	12.4	49	16.9	1
M354305		63	6.3	12.5	66	16.7	1
M354306		64	6.3	13.0	68	16.8	1
M354307		66	7.9	12.5	71	17.9	<1
M354308		64	12.0	10.2	63	17.1	1
M354309		62	12.5	10.4	57	17.2	1
M354310		56	12.8	9.0	74	13.3	1
M354311		70	10.1	12.3	61	18.7	1
M354312		67	10.7	13.3	52	16.7	1
M354313		57	5.1	11.6	2990	37.0	9
M354314		64	8.6	13.6	56	17.4	1
M354315		63	5.8	13.0	76	18.8	1
M354316		60	7.9	12.6	60	16.9	<1
M354317		51	9.7	11.0	138	21.6	2
M354318		51	9.1	10.3	227	13.4	2
M354319		2	0.1	0.8	16	<0.5	<1
M354320		62	7.7	13.1	55	16.5	1
M354321		62	12.5	12.2	51	16.5	<1
M354322		66	5.8	12.7	54	18.6	1
M354323		67	11.7	14.3	59	19.3	<1
M354324		65	10.8	13.8	52	19.2	<1
M354325		68	5.8	13.9	59	18.3	<1



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**CERTIFICATE OF ANALYSIS WH12216602**

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



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**CERTIFICATE WH12216603**

Project: Klaza-127

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12216603**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357769		3.75	<0.005	0.09	6.61	8.2	2690	1.23	0.23	1.68	0.07	44.2	7.3	9	7.69	13.7
M357770		3.24	<0.005	0.09	6.30	8.6	2560	1.20	0.25	1.69	0.04	53.9	8.3	9	7.31	5.9
M357771		6.52	<0.005	0.15	6.56	7.5	2470	1.48	0.33	2.22	0.24	46.7	6.7	10	11.20	3.3
M357772		4.48	0.016	5.25	6.32	17.0	2220	1.38	0.48	2.02	4.44	42.2	6.0	8	10.10	10.6
M357773		2.52	<0.005	0.20	6.50	7.0	2610	1.42	0.33	1.92	0.12	47.5	4.5	7	9.42	8.7
M357774		<0.02	0.006	0.15	6.46	6.9	2620	1.44	0.32	1.94	0.09	48.1	4.3	8	9.35	8.8
M357775		7.78	<0.005	0.15	6.60	9.4	2680	1.38	0.32	1.91	0.05	47.2	6.3	11	8.12	4.2
M357776		8.60	<0.005	0.15	6.47	9.3	2800	1.37	0.32	1.77	0.04	51.2	16.4	8	8.51	3.3
M357777		8.57	0.008	0.33	6.67	14.3	2860	1.46	0.39	1.99	0.17	55.9	15.6	8	10.95	4.7
M357778		6.04	0.006	0.28	6.78	24.5	2500	1.40	0.43	1.98	0.46	52.7	19.6	8	12.35	5.5
M357779		7.93	0.006	0.27	6.58	28.2	2560	1.50	0.30	2.13	0.85	53.4	13.7	10	10.90	8.2
M357780		0.26	0.773	10.05	6.21	1690	900	1.44	7.32	1.83	40.8	46.4	16.8	19	15.90	110.0
M357781		7.32	<0.005	0.16	6.87	14.7	3080	1.32	0.27	1.96	0.21	47.6	12.0	9	9.78	3.9
M357782		5.41	<0.005	0.11	6.24	26.2	3550	1.03	0.28	2.11	1.13	52.2	8.6	9	13.15	4.0
M357783		5.36	<0.005	0.05	6.29	11.4	4090	0.84	0.21	1.51	0.05	58.0	8.7	9	11.40	1.7
M357784		4.68	<0.005	0.10	6.53	11.3	4030	0.87	0.33	1.31	0.05	54.1	10.2	10	8.53	3.0
M357785		4.35	<0.005	<0.01	0.07	<5	40	0.07	0.03	20.0	0.07	1.44	0.6	<1	0.19	2.2
M357786		5.79	0.068	0.62	6.53	33.1	1400	1.09	0.90	2.39	0.28	59.1	30.6	7	12.55	5.7
M357787		5.19	<0.005	0.16	6.51	19.2	1360	1.38	0.26	2.18	0.11	46.8	3.1	8	12.25	2.0
M357788		5.23	0.011	0.19	6.74	36.7	1750	1.52	0.21	2.01	0.27	53.4	5.8	7	16.05	3.5
M357789		0.26	2.16	25.3	5.55	3230	650	1.36	21.3	2.15	74.4	43.0	10.9	19	13.55	424
M357790		3.98	<0.005	<0.01	7.11	49.5	690	1.36	0.06	3.24	0.14	57.4	10.8	42	31.2	6.3
M357791		2.61	0.264	4.01	6.62	193.5	2010	1.52	3.83	2.76	5.62	49.1	9.7	10	21.6	150.5
M357792		4.51	0.016	0.18	6.43	17.6	4640	1.15	0.41	2.12	0.12	48.9	8.4	7	12.00	7.7
M357793		5.27	<0.005	0.10	6.67	12.4	4270	1.23	0.29	1.98	0.07	60.3	7.1	8	13.50	10.3
M357794		2.85	<0.005	0.11	6.52	12.2	3860	1.09	0.31	2.27	0.04	62.5	4.6	6	13.20	6.4
M357795		1.24	0.121	0.63	6.37	31.1	3410	1.26	0.72	2.17	0.16	52.1	6.2	6	13.55	19.6
M357796		3.42	0.013	0.66	6.43	57.1	2010	1.09	0.34	2.29	1.33	55.0	5.8	6	11.95	5.5
M357797		4.18	0.022	1.30	6.40	148.0	1510	1.23	0.33	2.44	5.66	51.6	7.7	6	11.90	12.7
M357798		5.68	0.007	0.21	6.59	68.5	2540	1.43	0.32	2.27	0.23	59.6	3.3	10	10.45	4.3
M357799		6.13	<0.005	0.20	6.32	27.2	2790	1.48	0.40	1.98	0.05	38.8	2.5	8	9.21	2.7
M357800		2.66	0.019	1.16	6.43	184.0	2850	1.39	0.66	2.25	1.40	49.6	3.2	7	14.30	25.3
M357801		2.61	<0.005	0.02	0.07	<5	30	0.05	0.03	19.80	0.07	1.26	0.6	<1	0.45	2.2
M357802		9.00	<0.005	0.12	6.17	10.5	2660	1.23	0.32	2.59	0.05	44.1	3.9	7	11.50	2.0
M357803		3.36	0.051	1.89	6.62	34.3	1710	1.25	0.53	1.15	11.05	67.1	2.6	6	14.90	54.4
M357804		4.05	0.005	0.53	6.20	20.7	1150	1.28	0.45	1.67	3.21	32.7	1.5	7	11.05	15.5



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Project: Klaza-127

**CERTIFICATE OF ANALYSIS WH12216603**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357769		3.35	14.80	0.07	0.9	0.078	3.08	20.3	19.7	0.73	988	0.99	1.02	7.3	6.8	550
M357770		3.59	14.10	0.09	0.9	0.094	2.52	26.1	17.8	0.69	1320	0.92	1.55	6.8	3.1	530
M357771		3.81	15.55	0.07	1.0	0.097	2.96	21.4	29.0	0.86	1100	1.15	0.78	7.4	4.0	540
M357772		3.42	15.10	0.07	0.8	0.091	3.22	19.4	50.4	0.63	2650	0.61	0.60	7.4	3.8	500
M357773		3.63	15.75	0.10	1.0	0.089	3.14	21.8	22.0	0.59	1780	1.09	1.35	8.2	2.6	560
M357774		3.57	15.50	0.13	1.1	0.081	3.14	21.4	20.9	0.59	1740	0.77	1.33	7.9	2.3	550
M357775		2.98	16.00	0.09	1.0	0.073	2.97	21.8	15.5	0.62	840	0.93	1.42	8.2	2.7	520
M357776		3.90	15.00	0.09	0.9	0.075	2.96	24.6	18.0	0.68	1020	1.65	1.60	7.5	2.8	500
M357777		4.18	16.15	0.13	0.9	0.116	3.42	27.0	17.1	0.83	1400	1.62	0.79	7.9	2.9	510
M357778		3.23	15.55	0.10	1.0	0.067	3.15	26.3	20.5	0.79	1760	0.84	0.11	7.8	2.4	530
M357779		3.65	16.05	0.10	0.8	0.084	2.98	25.5	40.8	0.69	1230	1.75	0.71	8.0	2.7	520
M357780		5.01	15.50	0.08	1.4	0.941	2.71	22.2	26.2	0.67	1900	13.20	0.26	7.7	16.8	470
M357781		3.95	15.50	0.07	0.9	0.086	3.19	23.2	17.4	0.68	1180	0.78	1.33	7.5	2.7	540
M357782		3.97	14.80	0.09	1.0	0.152	3.53	26.0	13.4	0.83	2220	0.24	0.28	7.0	3.1	470
M357783		4.17	14.25	0.10	0.8	0.148	2.96	29.9	12.7	0.78	1340	0.44	1.17	6.9	2.5	490
M357784		4.08	14.90	0.09	0.8	0.135	3.06	28.7	20.2	0.67	1560	0.55	1.78	7.8	3.0	520
M357785		0.44	0.24	<0.05	<0.1	<0.005	0.03	0.7	1.1	12.00	203	0.16	0.01	0.2	1.5	180
M357786		5.38	15.25	0.14	0.8	0.280	2.85	33.3	32.9	0.92	3230	0.86	0.62	7.9	2.7	530
M357787		3.05	15.00	0.08	0.9	0.081	3.23	22.1	15.7	0.76	1920	0.53	0.24	7.7	2.8	530
M357788		3.78	15.90	0.10	0.8	0.165	3.54	27.5	20.4	0.88	2220	0.65	0.15	8.4	3.3	530
M357789		6.36	13.65	0.08	0.9	1.735	2.51	21.6	24.3	0.89	1830	12.35	0.04	5.9	15.9	410
M357790		3.48	19.25	0.26	4.1	0.038	2.43	27.4	66.8	1.42	745	1.38	0.29	11.4	18.5	1600
M357791		3.79	15.85	0.10	1.0	0.208	3.10	23.7	22.0	0.93	1150	15.85	0.62	7.2	5.2	580
M357792		3.97	13.75	0.09	0.7	0.112	3.65	24.0	10.2	0.88	1520	0.55	0.59	6.8	4.6	510
M357793		4.26	15.45	0.11	0.8	0.163	3.71	30.2	10.4	0.91	1690	0.55	0.62	7.8	3.5	530
M357794		3.83	14.45	0.12	0.9	0.147	3.65	30.7	12.5	0.89	1780	0.31	0.18	7.8	2.4	490
M357795		3.94	14.10	0.12	1.0	0.162	3.41	26.1	13.5	0.87	1760	0.43	0.33	7.8	2.7	500
M357796		4.33	14.90	0.08	0.9	0.140	3.50	26.3	11.4	0.85	3240	0.55	0.06	7.6	2.5	530
M357797		3.77	16.40	0.10	0.8	0.115	3.25	24.8	14.2	0.75	3250	0.47	0.04	7.7	2.7	500
M357798		3.49	16.30	0.13	0.9	0.113	3.54	29.0	8.5	0.75	1480	0.57	0.46	7.9	3.1	530
M357799		2.78	15.45	0.09	1.0	0.064	3.29	17.4	9.6	0.61	908	0.62	0.79	8.1	2.5	530
M357800		3.43	15.00	0.09	0.8	0.123	3.10	24.0	15.2	0.79	1120	6.61	0.29	7.4	2.7	510
M357801		0.43	0.25	<0.05	<0.1	<0.005	0.03	0.6	1.0	11.85	183	0.12	<0.01	0.2	1.4	160
M357802		3.59	14.65	0.11	0.8	0.155	3.58	21.1	10.9	0.85	1460	0.73	0.09	7.5	2.6	510
M357803		4.84	17.15	0.15	1.5	0.336	3.16	35.1	14.7	0.59	12350	0.90	0.03	7.7	2.6	490
M357804		4.76	15.30	0.08	0.8	0.258	3.09	15.5	9.4	0.71	10800	0.74	0.03	6.9	2.4	500



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**CERTIFICATE OF ANALYSIS WH12216603**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M357769		13.5	115.5	<0.002	0.07	5.93	9.9	1	1.5	167.5	0.52	0.05	12.8	0.228	3.0
M357770		7.6	113.0	<0.002	0.08	3.54	10.1	1	1.4	171.5	0.54	<0.05	13.0	0.205	3.6
M357771		8.6	130.0	<0.002	0.12	5.38	10.2	1	1.5	148.5	0.60	<0.05	12.5	0.221	3.4
M357772		125.0	142.0	<0.002	0.36	6.43	8.9	2	2.0	173.0	0.55	0.06	11.7	0.219	3.5
M357773		16.4	133.0	<0.002	0.08	4.10	10.9	1	2.1	232	0.64	0.08	12.6	0.230	4.5
M357774		16.0	137.5	<0.002	0.08	4.14	10.7	1	2.0	233	0.66	<0.05	12.5	0.231	4.5
M357775		12.9	129.0	<0.002	0.12	5.92	10.4	2	1.8	222	0.65	<0.05	13.4	0.224	4.0
M357776		10.3	132.5	<0.002	0.30	3.60	9.9	1	1.5	200	0.57	<0.05	13.7	0.207	3.9
M357777		17.3	163.0	<0.002	0.39	5.17	10.5	1	1.8	151.5	0.62	0.07	14.9	0.218	5.3
M357778		37.0	158.0	<0.002	0.46	7.87	10.3	1	2.1	103.0	0.66	<0.05	15.5	0.227	6.1
M357779		52.6	149.5	<0.002	0.37	5.74	10.5	1	2.0	177.0	0.65	<0.05	15.0	0.227	4.2
M357780		1315	169.5	<0.002	2.99	32.6	9.2	1	5.4	146.0	0.62	0.28	13.0	0.199	5.9
M357781		12.7	145.5	<0.002	0.14	3.38	10.4	1	1.8	198.0	0.59	<0.05	14.7	0.227	3.9
M357782		16.9	176.5	<0.002	0.33	5.80	9.9	1	1.8	151.5	0.56	<0.05	13.8	0.199	3.1
M357783		4.8	141.0	<0.002	0.27	4.06	9.8	1	1.7	135.5	0.57	<0.05	14.8	0.196	1.5
M357784		7.4	130.0	<0.002	0.42	2.75	10.9	1	1.9	172.5	0.60	<0.05	15.1	0.224	4.6
M357785		1.5	2.1	<0.002	<0.01	0.10	0.2	1	0.2	45.0	<0.05	<0.05	0.3	<0.005	0.8
M357786		39.2	150.5	<0.002	1.25	5.67	11.1	2	2.1	142.5	0.63	0.15	15.3	0.231	4.3
M357787		10.9	150.0	<0.002	0.33	3.96	9.9	2	1.5	142.0	0.58	<0.05	12.6	0.221	4.3
M357788		16.1	185.5	<0.002	0.45	5.30	11.4	1	1.8	157.5	0.62	<0.05	15.1	0.228	4.4
M357789		2730	167.0	<0.002	4.66	87.2	8.2	1	7.1	87.5	0.47	0.33	11.0	0.173	5.7
M357790		12.1	68.4	<0.002	0.02	6.29	8.2	1	1.2	1180	0.66	<0.05	6.7	0.426	2.0
M357791		315	135.0	<0.002	1.29	16.35	10.4	1	4.0	313	0.57	0.21	11.5	0.241	4.0
M357792		14.4	164.0	<0.002	0.33	3.77	9.9	1	1.8	161.0	0.55	0.05	14.4	0.211	2.0
M357793		6.8	170.0	<0.002	0.28	4.34	11.1	1	2.4	158.0	0.58	<0.05	14.7	0.223	2.0
M357794		8.2	169.0	<0.002	0.31	4.83	9.6	1	2.2	141.5	0.64	0.06	14.5	0.217	3.9
M357795		25.8	170.5	<0.002	0.37	5.57	9.6	2	3.7	142.5	0.63	<0.05	15.2	0.210	4.9
M357796		88.6	183.0	<0.002	1.24	7.93	10.4	1	2.3	121.0	0.63	<0.05	14.2	0.211	3.8
M357797		183.0	165.5	<0.002	1.07	9.40	10.2	1	2.9	103.0	0.59	<0.05	12.4	0.217	2.7
M357798		11.6	169.5	<0.002	0.32	5.55	10.4	2	1.9	144.5	0.63	<0.05	13.4	0.223	3.0
M357799		7.3	131.0	<0.002	0.18	4.92	10.4	1	1.8	150.0	0.63	<0.05	11.6	0.235	4.8
M357800		75.3	169.0	<0.002	0.87	16.40	10.2	1	1.6	140.0	0.58	0.06	14.6	0.211	4.2
M357801		1.8	2.9	<0.002	0.01	0.19	0.2	1	0.2	47.3	<0.05	<0.05	0.2	<0.005	0.5
M357802		5.2	176.5	<0.002	0.19	4.55	9.7	1	1.6	113.0	0.59	<0.05	13.2	0.214	2.3
M357803		240	190.0	<0.002	0.43	22.5	10.6	1	2.5	81.3	0.57	<0.05	15.5	0.209	11.8
M357804		142.5	173.5	<0.002	0.34	9.80	10.1	1	2.3	60.4	0.55	<0.05	13.4	0.209	10.1





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**CERTIFICATE OF ANALYSIS WH12216603**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357769		64	2.4	13.4	63	21.1	<1
M357770		60	1.7	14.1	71	20.3	<1
M357771		62	2.2	13.5	89	22.7	<1
M357772		58	2.9	12.9	266	20.5	3
M357773		66	5.3	14.8	72	24.0	<1
M357774		65	4.8	14.1	71	24.4	1
M357775		62	2.0	14.6	55	26.0	1
M357776		60	1.7	13.5	67	21.8	<1
M357777		61	2.2	14.2	84	23.0	1
M357778		60	2.2	14.6	76	21.7	<1
M357779		61	1.9	14.5	126	21.1	<1
M357780		55	4.9	12.3	2850	34.8	10
M357781		62	2.1	13.4	71	20.9	<1
M357782		58	2.7	13.7	91	18.1	<1
M357783		55	2.9	12.7	61	18.9	<1
M357784		63	2.9	13.7	70	18.6	<1
M357785		2	0.1	0.9	13	<0.5	<1
M357786		62	4.5	17.0	102	18.7	1
M357787		60	2.6	13.1	56	20.0	<1
M357788		59	3.4	15.7	69	20.9	<1
M357789		55	4.7	10.4	5230	23.1	25
M357790		91	2.3	11.5	89	160.0	1
M357791		73	8.0	14.6	461	24.7	4
M357792		57	2.6	13.4	79	16.5	1
M357793		61	2.4	14.5	85	19.0	1
M357794		57	2.2	14.3	73	21.4	<1
M357795		57	2.2	13.9	83	22.0	<1
M357796		60	2.3	14.9	184	20.1	1
M357797		62	2.3	13.9	556	20.9	1
M357798		65	2.3	15.7	82	22.1	1
M357799		65	2.4	11.8	62	22.4	1
M357800		59	4.4	13.2	170	18.1	1
M357801		2	0.1	0.8	15	<0.5	<1
M357802		57	2.1	12.6	66	18.2	1
M357803		56	3.8	15.1	1170	18.2	2
M357804		55	3.4	13.7	419	17.0	1



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**CERTIFICATE OF ANALYSIS WH12216603**

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



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**CERTIFICATE WH12216604**

Project: Klaza-128

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12216604**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358882		6.85	0.035	0.96	7.26	27.3	1050	1.42	1.92	1.49	2.28	46.6	10.0	10	9.97	54.0
M358883		0.26	2.29	24.5	5.68	3350	1310	1.29	18.70	2.11	75.8	39.3	11.7	18	14.65	423
M358884		4.19	0.040	0.88	6.96	57.1	600	1.47	1.12	2.01	1.45	42.9	9.0	9	15.05	74.6
M358885		7.04	0.030	0.44	6.71	42.7	810	1.75	0.74	2.36	0.70	36.0	10.3	10	17.75	104.0
M358886		3.16	0.408	3.09	4.39	183.0	390	0.81	5.70	4.37	1.70	21.7	31.4	5	7.81	55.6
M358887		3.58	<0.005	0.01	0.05	<5	30	<0.05	<0.01	20.7	0.07	1.22	1.3	<1	0.15	2.9
M358888		4.03	0.222	1.80	7.13	178.0	720	1.40	2.58	0.98	3.75	50.5	9.1	9	11.00	100.0
M358889		4.03	0.021	0.66	6.87	42.3	830	1.57	0.97	2.40	1.12	45.7	6.4	8	16.80	61.3
M358890		4.31	0.017	0.97	6.97	23.2	350	1.62	1.56	2.52	1.38	42.0	8.5	8	14.80	62.2
M358891		2.40	0.108	8.71	6.82	149.5	950	1.58	4.51	2.91	5.94	44.2	7.2	6	15.70	577
M358892		2.96	<0.005	0.02	0.07	<5	530	0.07	<0.01	20.6	0.07	1.30	1.3	<1	0.22	2.2
M358893		4.43	0.034	0.74	7.10	52.0	510	1.58	0.99	2.64	1.34	43.9	9.6	9	17.80	92.1
M358894		8.08	0.016	0.44	7.46	12.1	3100	1.74	0.66	2.37	0.45	47.1	7.3	11	11.45	118.0
M358895		5.30	0.013	0.46	6.17	12.8	910	1.30	1.03	6.53	0.54	44.2	7.9	7	13.15	90.1
M358896		5.10	0.012	0.31	7.49	18.0	1490	1.80	0.66	2.52	0.67	51.4	9.6	10	15.95	70.7
M358897		7.80	0.062	0.76	7.11	32.7	570	1.61	1.51	2.86	1.04	45.7	7.6	9	16.25	138.5
M358898		4.42	0.019	0.51	6.95	14.5	570	1.46	0.84	4.39	1.26	48.2	9.3	12	14.55	126.0
M358899		7.72	0.033	0.34	7.60	16.5	520	1.74	0.94	2.35	0.21	50.9	11.6	11	15.65	72.8
M358900		<0.02	0.027	0.31	7.39	14.7	600	1.81	0.78	2.32	0.18	47.4	10.3	9	15.90	72.8
M358901		4.38	0.024	0.47	6.95	19.5	1550	1.79	0.78	2.96	0.95	41.8	8.7	9	13.70	104.5
M358902		4.86	0.189	0.96	7.44	61.7	350	1.60	1.73	1.80	0.86	43.6	8.3	9	12.85	217
M358903		2.76	0.095	1.05	7.38	61.5	1100	1.32	1.92	2.09	2.01	44.7	9.3	10	12.05	115.5
M358904		5.38	0.019	0.43	7.96	26.8	2580	1.99	0.43	2.51	1.25	50.5	7.0	10	17.55	64.9
M358905		4.58	0.033	0.78	7.61	39.9	740	1.92	1.07	2.32	1.31	48.7	11.3	8	16.80	145.0
M358906		3.04	0.025	0.80	5.89	20.6	190	1.13	1.46	4.37	2.95	34.4	11.6	7	10.25	206
M358907		7.89	0.025	0.53	7.13	20.6	1690	1.81	0.80	3.60	0.32	45.0	9.4	9	13.90	178.5
M358908		4.29	0.026	2.31	7.33	50.1	250	1.57	1.26	2.13	17.85	45.3	9.5	12	14.25	157.5
M358909		0.26	0.841	9.18	6.26	1740	570	1.60	6.35	1.77	40.4	39.4	18.3	19	16.35	103.5
M358910		4.91	0.043	2.04	7.34	62.5	680	1.63	1.74	2.07	4.55	44.7	8.1	11	14.55	546
M358911		3.10	0.038	1.67	6.88	49.0	1290	1.37	2.89	2.15	1.55	37.6	13.7	7	10.85	163.0
M358912		7.07	0.052	0.88	7.29	49.5	400	1.65	1.30	2.20	0.98	41.6	7.9	9	13.20	173.5
M358913		2.62	1.165	1.89	7.01	90.5	930	1.58	1.99	1.15	5.35	43.2	15.0	9	19.70	138.0
M358914		5.25	0.016	0.62	7.24	21.5	580	1.80	0.76	2.24	0.85	47.1	7.0	9	12.50	121.0
M358915		2.28	0.018	0.49	7.30	17.9	910	1.78	0.67	2.47	0.64	48.5	6.4	8	12.45	103.0
M358916		4.76	0.030	0.78	6.74	46.0	520	1.48	1.06	2.86	3.22	40.4	9.3	8	15.15	105.5
M358917		6.70	0.068	0.46	7.25	46.1	910	1.69	0.71	2.09	0.30	46.4	10.4	10	15.05	120.5



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**CERTIFICATE OF ANALYSIS WH12216604**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358882		5.04	15.85	0.20	0.9	0.265	3.48	24.9	8.9	0.62	659	2.57	0.06	3.6	3.0	570
M358883		6.11	14.90	0.17	0.9	1.730	2.54	21.8	22.3	0.85	1800	13.95	0.04	6.4	15.9	430
M358884		3.25	17.00	0.15	0.9	0.126	3.38	22.3	21.1	0.62	815	2.80	0.07	5.7	2.7	550
M358885		3.12	17.20	0.15	0.9	0.067	3.33	18.3	32.4	0.64	622	1.51	0.08	5.7	3.0	590
M358886		10.10	11.30	0.21	0.5	0.140	2.10	12.1	8.5	1.72	6220	9.07	0.04	2.3	2.6	350
M358887		0.45	0.27	0.05	<0.1	<0.005	0.02	0.6	0.9	12.45	203	0.21	<0.01	0.3	2.7	190
M358888		5.15	16.70	0.18	0.8	0.215	3.35	28.1	9.5	0.63	709	3.91	0.05	4.1	2.8	530
M358889		3.07	15.60	0.14	0.9	0.075	3.01	23.9	12.8	0.87	588	1.78	0.05	6.5	2.8	540
M358890		3.98	15.70	0.16	0.8	0.098	3.20	21.4	24.4	0.72	566	3.77	0.07	5.8	2.8	560
M358891		4.95	17.00	0.18	0.8	0.825	3.10	24.1	9.4	0.95	3780	1.40	0.04	5.0	2.9	530
M358892		0.46	0.28	0.05	<0.1	<0.005	0.03	0.6	1.0	12.30	205	0.21	<0.01	0.3	2.7	180
M358893		3.47	17.55	0.15	0.9	0.079	3.24	22.4	24.5	0.74	708	1.79	0.13	5.6	3.2	600
M358894		2.96	18.05	0.14	1.0	0.051	2.76	25.2	19.5	0.80	343	4.17	1.75	7.9	3.1	600
M358895		3.33	13.80	0.14	0.8	0.055	2.46	24.7	15.5	0.70	381	1.24	0.55	5.7	2.6	480
M358896		3.06	17.05	0.14	1.0	0.056	2.90	28.0	21.8	0.77	394	1.80	1.01	6.6	2.9	590
M358897		3.75	16.65	0.15	0.9	0.089	3.04	23.6	22.4	0.77	456	2.32	0.50	6.1	2.8	600
M358898		3.48	16.60	0.15	1.0	0.061	2.70	25.8	36.3	0.81	380	3.85	0.28	6.0	3.1	560
M358899		3.54	17.40	0.16	1.1	0.032	2.91	26.8	40.8	0.80	190	2.38	1.11	6.0	3.0	600
M358900		3.36	17.35	0.15	1.1	0.034	2.91	24.7	49.6	0.77	191	2.45	1.13	6.1	2.9	600
M358901		3.12	17.50	0.15	1.0	0.055	3.03	21.9	28.9	0.69	318	3.85	0.12	6.6	3.1	550
M358902		4.21	18.50	0.17	0.9	0.077	3.34	22.5	26.0	0.75	292	1.38	0.07	5.3	2.9	580
M358903		5.08	16.70	0.17	0.8	0.134	3.36	24.0	13.5	0.85	413	2.67	0.06	3.9	3.0	550
M358904		3.29	18.80	0.14	0.9	0.079	3.02	26.8	31.1	0.77	428	4.80	0.73	7.3	2.9	660
M358905		3.66	17.80	0.15	0.8	0.110	3.09	26.9	48.6	0.84	412	2.01	0.25	5.6	3.1	600
M358906		5.77	14.85	0.16	0.6	0.107	2.65	18.0	14.2	0.63	295	1.62	0.05	3.8	3.1	480
M358907		2.97	17.80	0.14	0.9	0.055	2.78	24.2	24.2	0.72	394	7.81	1.00	6.2	3.1	580
M358908		4.61	17.65	0.18	0.9	0.264	3.19	23.1	16.4	0.80	339	5.87	0.82	5.2	3.3	580
M358909		4.85	15.80	0.15	1.3	0.936	2.73	20.7	25.7	0.64	1860	12.70	0.25	7.9	15.8	470
M358910		3.78	19.65	0.17	0.8	0.159	3.25	24.2	18.8	0.77	373	11.10	0.76	5.1	3.0	580
M358911		5.45	18.60	0.18	0.8	0.089	3.09	20.0	21.5	0.62	291	1.63	0.07	4.0	3.3	580
M358912		4.04	17.35	0.17	0.8	0.078	3.18	21.9	25.1	0.73	320	1.85	0.69	5.8	2.8	570
M358913		5.32	16.65	0.17	0.8	0.272	3.23	23.1	12.9	0.57	487	4.44	0.05	3.7	3.2	540
M358914		3.87	16.75	0.15	0.9	0.132	2.87	24.6	30.1	0.86	406	5.16	0.65	6.6	3.0	610
M358915		3.76	16.55	0.15	0.8	0.104	2.82	26.1	30.1	0.95	456	4.03	0.61	6.8	3.0	600
M358916		3.40	15.65	0.15	0.8	0.156	3.13	20.9	17.4	0.76	585	2.67	0.06	5.6	2.8	560
M358917		3.31	17.15	0.15	0.8	0.060	2.94	24.2	39.0	0.68	310	2.75	0.66	6.1	2.9	570



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Account: ROCKHA

Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12216604**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358882		132.0	184.0	<0.002	4.54	5.17	11.5	4	8.2	54.7	0.31	0.12	11.9	0.135	2.43	2.7
M358883		2720	167.5	<0.002	4.55	85.4	8.5	1	7.9	92.0	0.49	0.90	9.6	0.169	2.29	5.1
M358884		81.6	153.0	<0.002	2.36	6.92	10.8	2	5.3	111.5	0.47	0.08	11.1	0.179	2.72	2.6
M358885		28.5	131.5	<0.002	1.83	10.55	11.1	2	3.4	178.5	0.44	0.07	8.8	0.186	2.61	3.9
M358886		148.0	131.0	<0.002	9.93	18.25	6.6	3	8.8	74.5	0.18	1.29	7.1	0.075	1.47	2.7
M358887		1.5	1.3	<0.002	0.02	0.06	0.2	1	<0.2	51.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M358888		171.5	198.5	<0.002	4.62	17.60	11.3	3	9.7	46.3	0.32	0.19	11.4	0.152	2.56	2.4
M358889		43.6	134.0	<0.002	1.98	7.76	10.4	2	6.0	85.7	0.57	0.08	11.9	0.189	2.34	5.4
M358890		69.9	138.5	<0.002	3.23	6.26	10.8	3	5.4	111.0	0.45	0.18	10.4	0.178	2.36	3.4
M358891		785	171.0	<0.002	4.83	64.8	10.9	3	9.8	70.1	0.41	0.15	11.6	0.165	2.77	2.9
M358892		2.2	1.7	<0.002	0.03	0.12	0.2	1	<0.2	58.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
M358893		50.6	146.5	<0.002	2.60	11.45	10.9	2	5.6	124.0	0.45	0.13	10.9	0.188	2.63	2.7
M358894		30.1	112.0	<0.002	1.07	5.44	11.7	1	3.4	334	0.62	0.07	11.4	0.223	1.56	4.5
M358895		31.9	117.0	<0.002	2.44	4.03	9.8	2	3.6	265	0.46	0.17	11.2	0.165	1.52	3.2
M358896		23.6	127.5	<0.002	1.78	5.51	11.3	2	3.0	174.5	0.54	0.07	13.1	0.197	1.75	5.0
M358897		50.5	139.0	<0.002	2.77	5.35	11.3	2	4.5	119.0	0.51	0.08	11.1	0.185	2.14	3.5
M358898		50.6	123.5	<0.002	2.43	8.27	11.8	2	3.2	186.0	0.50	0.11	12.2	0.182	1.88	3.5
M358899		23.5	119.5	<0.002	2.52	5.48	11.7	2	2.6	221	0.51	0.14	12.8	0.191	1.50	4.6
M358900		21.8	112.0	<0.002	2.30	5.80	11.4	2	2.5	217	0.51	0.11	12.0	0.190	1.58	4.5
M358901		45.3	116.0	<0.002	1.84	6.75	10.9	2	3.1	117.0	0.59	0.11	11.8	0.192	1.86	3.9
M358902		45.1	149.5	<0.002	3.36	9.89	11.8	2	4.6	76.0	0.45	0.18	11.3	0.168	2.04	2.9
M358903		66.5	172.5	0.002	4.72	7.37	11.8	4	6.5	59.8	0.31	0.13	11.2	0.142	2.15	2.9
M358904		58.6	126.5	<0.002	1.27	11.15	13.3	2	2.4	244	0.57	0.05	12.4	0.238	1.98	6.8
M358905		60.2	144.5	0.002	2.62	8.38	12.3	2	4.1	88.4	0.43	0.11	12.1	0.189	2.01	4.2
M358906		80.5	121.0	<0.002	5.89	10.80	9.1	4	7.5	128.5	0.29	0.18	9.0	0.128	1.52	2.6
M358907		28.0	109.0	0.004	1.60	7.90	11.4	2	2.6	219	0.48	0.06	10.8	0.196	1.67	6.2
M358908		307	143.5	0.003	3.90	3.56	11.9	3	4.8	202	0.41	0.08	11.5	0.171	2.18	4.0
M358909		1280	156.0	0.002	2.91	33.5	9.4	1	5.8	146.5	0.64	0.31	10.4	0.190	2.40	4.9
M358910		115.5	168.0	0.004	2.89	5.99	11.6	3	6.4	130.0	0.39	0.25	12.0	0.163	2.30	4.9
M358911		78.4	159.0	<0.002	5.26	6.64	11.4	4	8.8	64.8	0.31	0.80	10.6	0.143	1.92	9.0
M358912		50.7	144.0	0.002	2.89	6.04	11.4	2	4.7	204	0.46	0.12	11.4	0.183	2.04	5.1
M358913		155.5	177.5	<0.002	5.49	16.55	11.2	3	13.2	49.6	0.29	0.20	10.9	0.142	2.42	2.5
M358914		37.5	124.5	<0.002	2.17	10.80	12.7	2	6.4	208	0.49	0.06	10.7	0.203	1.87	4.9
M358915		33.9	126.0	<0.002	1.77	9.46	12.2	2	5.7	207	0.50	0.07	11.0	0.208	1.80	3.5
M358916		141.0	131.5	<0.002	2.60	9.19	10.9	2	4.7	99.1	0.42	0.06	9.5	0.178	2.33	2.8
M358917		24.2	127.0	<0.002	1.84	10.85	11.8	2	3.9	206	0.47	0.05	11.2	0.197	1.81	4.0



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Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12216604**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358882		66	17.9	11.4	218	22.1	<1
M358883		56	5.2	11.1	5390	26.3	24
M358884		65	6.1	11.9	165	23.2	1
M358885		70	4.7	12.0	112	23.3	<1
M358886		44	8.5	8.2	200	13.5	3
M358887		2	0.1	0.9	16	<0.5	<1
M358888		67	14.6	11.5	263	21.6	2
M358889		64	9.7	12.6	131	23.1	<1
M358890		67	12.0	12.5	141	20.8	<1
M358891		62	7.4	12.0	454	20.5	8
M358892		2	0.1	0.9	17	<0.5	<1
M358893		69	4.9	12.6	131	23.5	<1
M358894		70	2.7	14.1	72	24.2	<1
M358895		56	9.1	14.8	73	20.6	<1
M358896		68	6.8	14.7	83	24.3	<1
M358897		68	11.4	13.5	111	23.2	<1
M358898		69	6.2	14.0	131	24.2	<1
M358899		69	3.7	13.6	50	26.4	<1
M358900		68	3.6	12.8	51	27.4	<1
M358901		65	3.8	12.5	103	25.7	<1
M358902		68	4.7	12.0	97	22.2	1
M358903		69	10.6	11.6	186	20.0	1
M358904		80	3.4	13.4	163	22.6	<1
M358905		72	9.6	14.3	143	21.2	1
M358906		56	15.6	11.7	204	16.6	<1
M358907		69	4.2	13.9	74	23.1	<1
M358908		70	6.5	13.7	1180	22.7	1
M358909		56	5.3	12.1	2920	38.5	8
M358910		66	4.7	13.7	364	21.6	1
M358911		69	13.1	12.1	134	21.2	2
M358912		67	6.9	12.6	111	22.2	<1
M358913		68	13.7	11.0	433	22.0	1
M358914		75	9.3	13.8	113	23.2	<1
M358915		73	7.2	14.4	100	21.7	<1
M358916		67	10.3	12.3	258	21.3	1
M358917		67	4.1	12.7	61	21.9	<1



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**CERTIFICATE OF ANALYSIS WH12216604**

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





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**CERTIFICATE WH12216605**

Project: Klaza-128

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12216605**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358918		7.94	0.038	5.09	6.87	39.4	880	1.48	7.32	3.20	3.13	44.2	7.3	7	24.8	139.0
M358919		7.67	0.073	0.39	7.17	36.3	1400	1.50	0.99	2.22	0.24	46.9	8.1	9	14.15	159.5
M358920		6.69	0.043	0.45	7.06	23.3	1490	1.66	0.51	2.23	0.30	51.4	10.0	9	13.80	171.0
M358921		<0.02	0.043	0.41	7.19	22.2	1630	1.69	0.49	2.25	0.28	50.6	10.1	11	13.90	170.0
M358922		2.32	0.070	2.82	7.21	184.5	980	1.50	2.16	1.25	8.50	60.2	10.2	7	15.65	510
M358923		8.59	0.098	1.17	7.40	84.9	750	1.61	2.37	1.93	0.53	48.2	8.7	10	14.60	185.0
M358924		3.10	0.036	0.63	7.29	48.0	1540	1.58	0.63	2.21	3.18	42.5	7.5	8	15.60	140.5
M358925		5.99	0.178	0.76	7.44	48.0	860	1.53	1.05	2.31	0.92	48.4	10.4	9	14.40	147.0
M358926		5.47	0.043	0.83	7.67	56.9	1410	1.45	1.26	2.02	1.98	55.0	11.1	9	15.65	163.5
M358927		0.26	2.17	24.9	6.06	3280	1820	1.36	19.75	2.09	80.2	47.4	11.8	18	15.20	425
M358928		4.39	0.026	0.64	7.42	57.6	710	1.48	1.15	2.29	0.97	45.6	7.1	9	14.55	175.0
M358929		5.02	0.025	0.54	7.82	39.4	1260	1.45	1.13	2.01	1.34	54.4	7.1	8	15.45	119.5
M358930		3.14	0.032	0.64	7.52	32.9	1410	1.30	1.62	1.63	2.41	47.5	7.2	9	12.50	72.7
M358931		4.08	0.030	0.87	7.85	54.4	1320	1.42	1.39	1.87	1.50	55.1	7.0	8	15.95	162.0
M358932		3.14	0.208	4.20	7.15	164.5	1470	1.23	3.13	1.13	9.39	52.3	9.5	8	10.90	557
M358933		3.31	<0.005	0.02	0.08	<5	40	0.05	0.03	20.2	0.10	1.53	1.3	<1	0.26	2.8
M358934		7.18	0.025	0.62	7.82	39.9	1780	1.51	0.73	2.28	0.59	50.7	9.0	9	17.85	92.6
M358935		2.84	0.184	1.75	8.19	207	1120	1.73	2.45	1.54	1.13	53.9	8.2	10	21.4	238
M358936		8.31	0.005	0.12	7.24	16.7	1810	1.83	0.12	3.00	0.11	53.9	7.5	18	16.95	8.2
M358937		0.22	4.40	>100	5.57	7860	1460	1.12	57.2	1.87	221	35.2	9.8	17	11.70	1260
M358938		9.61	<0.005	0.14	7.22	18.9	2110	2.26	0.16	3.06	0.21	69.1	8.8	15	17.10	7.9
M358939		3.99	0.006	0.21	7.43	23.8	1480	2.00	0.20	3.13	0.08	57.8	7.8	15	14.85	7.9
M358940		6.46	0.014	0.51	7.56	49.6	1750	1.93	0.15	3.04	0.16	56.1	7.4	16	14.70	7.1
M358941		2.54	0.013	0.45	7.48	45.0	1270	1.99	0.14	3.01	0.17	53.8	8.0	15	14.65	8.4
M358942		3.02	0.202	1.75	7.22	192.5	370	1.00	4.29	0.68	4.63	45.8	8.4	10	6.53	52.5
M358943		4.90	1.150	10.85	5.46	653	460	1.01	19.95	1.05	45.4	31.0	7.5	5	9.15	304
M358944		2.85	<0.005	0.03	0.08	<5	30	0.06	0.04	20.4	0.12	1.26	1.4	<1	0.27	2.4
M358945		5.97	0.044	1.12	7.27	87.7	860	1.57	1.00	1.87	2.50	52.7	12.8	7	13.25	106.5
M358946		2.77	0.803	23.6	6.83	581	1030	1.23	30.1	1.33	48.8	41.3	11.6	7	12.20	792
M358947		4.61	0.041	0.77	8.06	39.0	2130	1.53	0.89	1.61	0.90	51.7	7.5	8	12.45	112.0
M358948		4.84	0.194	0.63	7.51	33.8	2190	1.46	1.46	2.07	0.42	51.6	6.9	10	14.95	136.0
M358949		7.29	0.101	1.21	7.29	20.1	1610	1.50	2.56	2.25	0.80	49.9	8.7	11	14.10	110.0
M358950		3.21	1.495	1.30	7.54	88.6	1100	1.24	4.46	1.38	0.43	49.5	10.0	8	12.00	402
M358951		4.00	0.701	0.66	7.29	46.6	510	1.22	1.65	1.87	0.34	41.4	9.1	7	13.50	118.0
M358952		7.13	0.210	0.60	7.28	63.0	1240	1.48	0.91	2.17	0.73	57.2	8.3	9	15.35	167.0
M358953		8.72	0.065	0.59	7.36	20.5	1360	1.46	1.30	2.22	0.54	51.6	6.6	9	13.75	150.5



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**CERTIFICATE OF ANALYSIS WH12216605**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358918		3.06	15.55	0.14	0.9	0.181	2.73	22.9	28.8	0.64	472	1.61	0.07	5.8	1.6	540
M358919		2.93	16.30	0.14	1.0	0.048	2.68	24.5	35.1	0.70	220	3.95	0.83	6.5	1.7	550
M358920		2.93	16.50	0.14	1.0	0.043	2.80	27.2	17.5	0.71	239	3.05	1.12	7.3	1.8	540
M358921		2.91	16.45	0.18	1.1	0.039	2.80	27.1	16.8	0.72	242	3.27	1.14	7.2	1.8	530
M358922		4.00	16.20	0.21	0.9	0.649	2.85	34.2	21.0	0.66	305	8.64	0.04	4.9	2.0	510
M358923		3.57	16.85	0.16	0.9	0.082	3.00	25.4	22.6	0.69	279	1.47	0.68	6.3	2.0	540
M358924		2.71	15.75	0.14	1.0	0.101	2.88	22.4	19.1	0.86	328	1.52	0.86	5.6	1.5	510
M358925		3.34	16.40	0.15	0.8	0.079	3.03	25.4	20.7	0.79	347	1.04	1.04	6.0	1.8	570
M358926		3.69	16.10	0.21	0.8	0.176	3.16	30.1	24.9	0.88	369	2.70	0.24	4.4	2.2	560
M358927		6.44	14.45	0.17	0.9	1.945	2.54	26.4	25.7	0.91	1820	12.60	0.03	6.1	15.2	440
M358928		3.33	15.70	0.16	0.7	0.078	2.70	23.9	28.8	0.75	252	1.00	0.98	4.7	1.8	560
M358929		3.56	16.10	0.18	0.8	0.095	2.93	29.4	25.4	0.85	400	1.47	0.05	5.1	1.6	570
M358930		4.74	14.90	0.20	0.7	0.085	3.08	24.2	16.4	0.76	307	1.54	0.05	4.5	2.0	570
M358931		3.61	16.05	0.17	0.7	0.115	3.37	30.5	9.6	0.89	437	1.41	0.05	4.8	2.2	570
M358932		6.20	14.95	0.23	0.6	0.829	3.17	28.9	8.8	0.69	449	3.76	0.05	2.9	2.9	480
M358933		0.47	0.28	<0.05	<0.1	0.011	0.04	0.8	1.1	12.70	201	0.11	<0.01	0.3	<0.2	190
M358934		3.24	16.30	0.15	0.8	0.062	2.96	27.2	23.1	0.89	426	1.43	0.28	5.5	1.7	570
M358935		4.70	20.2	0.20	1.2	0.259	3.50	27.9	13.1	0.75	442	2.06	0.06	5.5	3.4	680
M358936		2.55	18.85	0.16	3.3	0.038	2.91	25.9	17.5	1.07	699	2.02	0.66	10.6	5.5	1090
M358937		7.71	12.70	0.22	0.9	5.19	2.24	18.1	32.3	0.63	3030	14.15	0.07	5.5	12.9	450
M358938		2.43	21.7	0.19	3.6	0.043	3.03	34.6	30.6	1.11	817	1.50	0.04	12.4	5.8	980
M358939		2.39	18.75	0.18	3.1	0.031	3.33	28.7	14.3	1.10	819	1.90	0.05	10.5	5.1	1000
M358940		2.33	18.25	0.17	3.1	0.033	3.32	27.8	12.9	1.21	913	2.78	0.04	10.1	5.6	1020
M358941		2.29	18.30	0.16	3.1	0.033	3.24	26.4	12.8	1.22	891	2.54	0.05	10.3	5.6	1010
M358942		4.99	17.80	0.23	1.0	0.166	3.32	24.8	13.3	0.53	291	2.49	0.07	4.4	3.3	630
M358943		11.15	12.70	0.35	0.6	0.785	2.22	16.6	20.1	0.58	773	3.42	0.04	3.0	2.1	440
M358944		0.49	0.28	<0.05	<0.1	0.006	0.03	0.6	1.0	12.85	219	0.12	<0.01	0.4	<0.2	170
M358945		4.18	14.05	0.22	0.8	0.186	3.10	29.4	11.0	0.89	1280	6.90	0.04	5.1	3.8	500
M358946		7.61	14.85	0.29	0.7	1.230	2.81	21.9	12.6	0.67	662	3.27	0.04	3.6	3.9	500
M358947		3.33	17.20	0.19	0.7	0.106	3.28	27.2	23.6	0.73	596	1.30	0.09	6.7	2.2	620
M358948		3.71	16.30	0.18	0.7	0.112	2.86	27.2	33.1	0.79	433	2.11	0.53	7.0	2.3	570
M358949		3.34	16.10	0.17	0.7	0.087	2.86	26.7	19.6	0.69	329	1.72	1.34	6.7	2.3	580
M358950		4.96	16.40	0.23	0.8	0.103	3.37	27.2	14.5	0.72	246	7.60	0.16	3.8	2.6	510
M358951		4.77	15.20	0.19	0.6	0.071	2.97	21.2	22.3	0.72	356	4.03	0.08	4.5	2.2	530
M358952		3.32	16.20	0.16	0.7	0.082	3.19	32.9	18.0	0.77	386	4.42	0.52	4.9	2.0	550
M358953		3.31	15.60	0.16	0.7	0.065	3.15	27.9	14.3	0.73	318	3.83	0.86	6.2	1.5	570



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**CERTIFICATE OF ANALYSIS WH12216605**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358918		159.5	99.0	0.002	1.78	12.45	9.9	2	3.7	159.5	0.53	0.09	11.6	0.187	1.95	7.2
M358919		20.3	92.8	0.009	1.52	10.20	10.7	2	3.5	296	0.60	0.09	12.7	0.205	1.49	4.6
M358920		21.9	96.6	0.003	1.42	7.08	11.1	2	3.5	334	0.76	0.07	12.9	0.209	1.61	5.2
M358921		21.1	99.7	0.003	1.38	6.78	11.3	2	3.5	337	0.76	0.06	13.0	0.210	1.59	5.4
M358922		149.0	141.0	0.006	3.62	40.2	9.9	3	8.1	65.4	0.47	0.22	13.7	0.161	2.23	8.1
M358923		55.7	118.0	<0.002	2.25	12.35	10.6	2	5.3	222	0.61	0.13	13.1	0.195	1.86	4.9
M358924		135.0	117.0	0.002	1.67	4.28	9.7	2	3.5	207	0.65	0.07	13.0	0.166	2.03	4.9
M358925		46.0	122.0	<0.002	2.02	2.65	10.7	2	5.2	379	0.58	0.10	12.1	0.197	1.95	4.1
M358926		64.5	140.0	0.003	2.98	4.97	10.8	3	7.4	129.0	0.38	0.14	13.0	0.173	2.15	4.1
M358927		2740	154.5	<0.002	4.62	95.3	9.0	3	8.6	91.8	0.52	0.41	12.2	0.175	2.52	5.6
M358928		39.3	111.0	<0.002	2.30	5.35	10.6	2	4.2	385	0.39	0.11	11.9	0.168	1.75	4.0
M358929		45.6	128.5	<0.002	2.46	31.7	11.2	2	4.9	103.5	0.42	0.07	13.6	0.187	2.23	4.8
M358930		73.8	126.0	<0.002	4.21	17.55	11.5	4	6.5	80.9	0.38	0.15	12.5	0.174	1.98	3.1
M358931		60.8	157.5	<0.002	2.76	24.4	11.4	3	5.1	79.0	0.42	0.20	14.0	0.182	2.60	4.0
M358932		286	147.0	0.006	6.24	24.8	9.9	4	9.7	51.9	0.26	0.28	14.5	0.119	2.35	2.7
M358933		2.1	1.8	<0.002	0.02	0.12	0.4	2	<0.2	48.9	<0.05	<0.05	0.2	<0.005	0.02	0.6
M358934		36.5	137.0	<0.002	1.78	12.70	11.1	3	3.2	243	0.47	<0.05	13.0	0.197	2.40	3.9
M358935		117.0	180.5	<0.002	4.10	15.35	10.7	2	10.0	131.0	0.44	0.14	12.0	0.203	2.85	6.0
M358936		11.7	92.8	<0.002	0.11	11.60	7.1	2	1.5	252	0.80	<0.05	8.3	0.294	2.16	4.1
M358937		9260	122.0	0.002	6.83	220	7.8	4	9.1	121.0	0.47	0.49	9.5	0.179	2.22	5.3
M358938		14.8	126.0	<0.002	0.06	12.35	8.6	2	1.6	188.5	0.88	<0.05	10.7	0.264	2.94	8.0
M358939		10.3	119.5	<0.002	0.15	9.56	7.3	2	1.4	172.0	0.78	<0.05	9.4	0.273	3.09	5.3
M358940		11.0	131.0	<0.002	0.62	12.95	7.4	2	1.4	140.5	0.77	<0.05	9.6	0.281	2.89	11.1
M358941		10.3	126.5	0.002	0.55	12.40	7.4	2	2.0	130.5	0.76	<0.05	9.3	0.274	2.85	11.0
M358942		137.0	199.5	<0.002	5.04	12.15	10.2	2	12.5	45.7	0.37	0.17	12.1	0.155	2.39	3.7
M358943		1280	118.5	<0.002	>10.0	65.8	7.9	4	13.5	213	0.26	0.55	10.4	0.113	1.85	3.2
M358944		3.1	1.8	<0.002	0.01	0.17	0.4	2	<0.2	46.5	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M358945		115.0	158.5	<0.002	3.53	17.20	10.3	3	11.2	80.1	0.46	0.07	14.9	0.171	2.78	2.7
M358946		2060	129.0	<0.002	8.21	105.0	10.0	7	17.0	85.3	0.33	0.80	12.0	0.148	2.34	4.6
M358947		116.0	131.0	<0.002	1.29	13.00	11.5	2	4.9	110.0	0.54	0.06	12.2	0.223	2.57	2.5
M358948		32.9	103.5	<0.002	1.19	10.30	11.5	2	4.8	210	0.58	0.07	12.2	0.229	1.85	3.4
M358949		39.6	102.0	<0.002	1.53	5.44	11.0	2	4.6	332	0.54	0.08	11.8	0.221	1.61	3.3
M358950		31.0	169.0	0.002	4.44	17.80	10.5	3	10.9	86.0	0.44	0.23	16.4	0.129	2.04	4.5
M358951		34.2	107.5	0.003	3.64	12.65	10.5	3	5.3	84.8	0.38	0.15	10.9	0.174	1.95	3.4
M358952		38.7	124.5	<0.002	1.87	11.35	10.7	2	5.5	151.5	0.43	0.13	11.6	0.180	2.13	4.6
M358953		44.2	113.0	0.002	1.60	6.75	10.8	2	4.0	215	0.54	0.06	11.4	0.206	1.98	3.9



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M358918		63	6.3	12.0	219	23.6		
M358919		65	3.6	12.0	51	24.6		
M358920		65	2.3	12.6	50	24.0		
M358921		66	2.3	12.6	49	24.3		
M358922		57	12.0	11.6	501	21.1		
M358923		63	5.1	11.9	67	23.2		
M358924		59	6.7	12.3	244	22.4		
M358925		64	4.2	12.1	92	20.7		
M358926		64	50.1	11.8	167	19.8		
M358927		56	5.5	10.2	5370	25.3		
M358928		62	8.2	12.5	103	19.3		
M358929		65	9.8	11.7	130	19.7		
M358930		68	15.8	11.8	204	18.6		
M358931		67	9.7	11.5	141	19.7		
M358932		59	9.5	9.0	652	17.0		
M358933		2	0.1	0.8	15	<0.5		
M358934		67	3.7	12.5	83	21.1		
M358935		70	7.4	9.4	120	41.9		
M358936		64	1.8	11.9	71	129.0		
M358937		53	4.6	8.9	>10000	28.8	120	1.610
M358938		58	1.7	14.9	80	141.0		
M358939		60	1.8	12.6	65	123.5		
M358940		61	2.2	13.4	61	125.0		
M358941		61	2.1	13.4	57	125.0		
M358942		62	9.8	7.8	339	32.7		
M358943		46	9.0	8.0	3540	17.8		
M358944		2	0.1	0.8	18	0.5		
M358945		61	13.7	11.6	241	19.4		
M358946		63	7.1	10.0	4420	16.3		
M358947		68	5.5	12.4	109	18.3		
M358948		72	6.1	12.6	88	16.7		
M358949		70	5.5	12.3	98	16.8		
M358950		60	4.8	11.1	59	20.3		
M358951		64	5.5	10.8	68	15.9		
M358952		66	3.4	12.1	100	17.0		
M358953		72	6.3	12.1	83	17.4		



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



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P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 27-SEP-2012  
Account: ROCKHA

Project: Klaza-126

**CERTIFICATE OF ANALYSIS WH12216606**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359807		3.56	0.037	0.58	7.12	10.1	150	1.32	1.08	2.41	0.49	38.6	8.6	9	13.50	109.5
M359808		5.49	0.072	0.67	7.57	16.2	130	1.13	2.79	2.30	0.37	38.5	9.7	8	12.50	134.5
M359809		7.73	0.059	0.79	7.50	18.9	170	1.00	2.95	2.48	0.69	44.0	10.4	7	13.05	108.0
M359810		2.44	0.065	0.39	7.61	12.6	2000	1.06	0.92	3.38	0.40	41.0	7.7	7	14.70	108.5
M359811		5.54	1.580	1.54	7.27	62.0	220	1.24	3.12	2.52	0.65	40.5	7.6	6	18.25	220
M359812		7.79	0.266	1.83	7.56	56.0	310	1.41	2.13	1.44	9.09	41.8	6.0	6	16.95	178.0
M359813		0.26	2.26	25.6	5.84	2820	1060	1.15	19.10	2.26	75.9	43.3	10.6	20	14.30	459
M359814		6.62	0.123	1.10	7.66	102.0	350	1.20	2.22	1.71	1.57	40.9	8.7	6	14.35	81.8
M359815		2.63	0.153	1.32	5.86	131.0	110	0.65	2.88	3.46	1.84	34.5	6.6	4	5.57	56.0
M359816		3.21	0.214	0.91	7.37	93.9	170	1.02	2.39	0.85	1.02	41.9	10.2	5	7.43	27.2
M359817		2.56	1.560	2.50	7.34	254	120	1.24	3.76	1.56	3.76	39.6	8.4	6	10.65	401
M359818		2.17	<0.005	0.02	0.08	<5	20	0.06	0.02	21.2	0.07	1.50	1.2	<1	0.16	2.7
M359819		6.35	0.033	0.60	7.49	16.0	570	1.17	1.19	4.12	0.65	34.3	8.7	7	15.30	132.0
M359820		2.62	0.073	0.62	7.90	34.0	280	1.24	1.93	2.24	0.61	36.7	11.1	8	13.50	79.3
M359821		2.57	0.817	4.79	6.66	592	50	0.57	12.65	1.24	1.87	37.2	11.0	9	4.84	88.9
M359822		7.05	0.092	1.86	8.37	49.7	540	1.61	4.68	1.81	0.59	43.0	11.3	8	11.90	503
M359823		<0.02	0.086	1.72	8.40	57.1	540	1.50	3.74	1.76	0.61	43.6	11.1	8	11.80	492
M359824		2.65	0.085	1.00	7.90	14.7	620	1.57	2.04	2.93	0.39	35.7	12.8	6	14.65	366
M359825		4.66	0.050	0.47	7.07	17.1	180	1.31	1.51	3.69	0.47	29.5	10.4	6	14.45	85.9
M359826		5.10	0.234	2.08	7.32	170.5	80	1.18	3.48	1.91	1.42	34.4	10.4	6	13.00	122.0
M359827		5.19	0.045	0.66	7.55	30.9	520	1.44	1.06	3.78	0.50	32.8	9.8	7	12.70	174.0
M359828		0.26	0.823	10.00	6.87	1540	560	1.37	6.15	1.95	41.9	44.9	16.8	20	17.35	112.5
M359829		3.54	0.025	0.62	8.28	26.3	500	1.33	2.04	1.94	0.76	39.6	9.0	6	14.70	126.5
M359830		7.58	0.013	0.34	7.90	8.0	1190	1.25	0.75	3.54	0.46	36.2	6.8	7	12.50	118.5
M359831		4.30	0.132	0.45	7.82	49.4	810	1.50	1.71	2.88	0.72	35.8	14.0	5	13.25	202
M359832		1.64	0.021	0.33	7.63	42.2	910	1.43	0.71	3.18	0.57	35.4	10.2	5	12.35	222
M359833		3.47	0.022	0.39	7.41	33.5	720	1.48	0.92	3.64	0.91	38.5	13.0	5	14.15	153.5
M359834		7.95	0.058	0.50	7.37	25.3	720	1.40	1.28	3.81	0.98	35.4	7.5	5	17.30	185.5
M359835		4.08	0.027	0.40	7.40	11.5	460	1.29	1.42	3.95	0.28	32.3	5.7	6	13.15	166.5
M359836		4.23	0.042	0.49	7.31	27.7	230	1.33	2.26	3.17	0.71	32.5	13.9	6	19.65	181.0
M359837		2.94	0.035	0.48	7.72	52.2	320	1.33	2.50	2.27	0.75	44.8	15.8	5	20.2	202
M359838		4.10	0.059	0.52	7.39	37.0	180	1.17	1.89	2.42	1.10	47.7	11.7	6	17.95	126.0
M359839		8.06	0.030	1.18	7.19	68.4	100	1.09	3.57	1.85	0.70	41.4	12.0	6	13.15	245
M359840		3.58	0.037	0.90	7.68	68.6	350	1.51	1.17	2.60	1.54	30.5	32.1	5	21.5	270
M359841		4.00	0.222	4.26	7.11	223	160	1.34	7.39	1.26	6.64	49.7	10.4	7	13.00	596
M359842		2.85	<0.005	0.01	0.07	<5	20	0.06	0.03	20.7	0.06	1.22	1.2	<1	0.21	2.2





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Plus Appendix Pages  
Finalized Date: 27-SEP-2012  
Account: ROCKHA

Project: Klaza-126

**CERTIFICATE OF ANALYSIS WH12216606**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359807		4.65	15.80	0.16	1.0	0.067	2.65	19.5	14.5	0.70	389	6.24	0.84	4.9	2.9	590
M359808		5.80	19.50	0.22	1.6	0.140	2.98	15.1	19.2	1.27	426	8.03	0.56	2.7	1.9	930
M359809		5.71	18.55	0.21	1.6	0.104	2.71	20.5	21.4	1.21	345	8.32	0.56	3.3	1.7	940
M359810		5.35	22.0	0.21	1.8	0.130	1.79	20.7	32.2	1.46	464	4.31	1.02	7.0	2.1	950
M359811		6.02	19.65	0.22	1.5	0.224	3.25	20.2	16.0	1.07	1220	3.73	0.05	4.5	1.8	870
M359812		7.72	19.00	0.24	1.5	0.517	3.34	21.7	18.0	1.02	1220	4.98	0.07	4.3	1.6	870
M359813		6.44	14.65	0.19	0.9	1.820	2.65	24.5	23.8	0.89	1980	14.20	0.04	6.1	15.4	430
M359814		6.56	20.1	0.22	1.4	0.220	3.53	19.7	9.4	0.92	1200	0.89	0.07	3.0	2.2	910
M359815		9.38	13.30	0.24	1.1	0.120	2.72	17.7	9.1	1.67	1780	6.52	0.05	2.6	2.5	690
M359816		8.27	17.40	0.24	1.3	0.214	3.60	19.8	10.3	0.80	994	2.88	0.06	2.0	2.0	850
M359817		8.83	19.60	0.23	1.2	0.433	3.07	18.9	20.8	0.97	1040	4.70	0.04	3.0	2.0	860
M359818		0.48	0.30	0.13	<0.1	0.006	0.03	0.8	1.5	12.55	208	0.08	0.01	0.4	1.8	190
M359819		5.56	20.5	0.19	1.4	0.091	1.99	15.8	28.7	1.32	577	3.70	0.71	5.7	2.1	960
M359820		6.31	18.25	0.20	1.2	0.125	3.22	17.4	22.0	1.10	511	3.60	0.10	3.7	2.2	930
M359821		12.70	18.90	0.26	1.0	0.104	3.29	16.7	5.6	0.73	588	5.13	0.08	2.1	2.3	800
M359822		6.05	23.0	0.19	1.6	0.212	2.52	19.9	32.6	0.93	664	3.17	0.04	5.6	2.0	1300
M359823		6.08	22.6	0.22	1.5	0.198	2.53	20.5	30.3	0.90	653	3.44	0.04	5.6	2.1	1270
M359824		6.27	23.4	0.22	1.5	0.090	1.87	16.1	39.6	1.31	630	3.24	0.40	6.9	2.0	1420
M359825		7.30	18.05	0.21	1.3	0.049	2.14	13.5	27.6	1.13	560	3.01	0.37	5.4	2.0	1270
M359826		8.85	18.15	0.23	1.3	0.146	3.12	15.6	11.8	0.84	830	4.52	0.06	3.5	1.9	1150
M359827		6.46	22.2	0.19	1.4	0.064	2.11	14.8	17.6	1.27	697	2.79	1.26	6.8	2.1	1360
M359828		5.32	16.30	0.19	1.3	1.005	2.87	23.4	26.5	0.71	2080	13.35	0.27	7.7	16.1	510
M359829		6.84	21.6	0.21	1.3	0.133	2.18	18.9	34.5	0.83	644	2.81	0.04	5.9	1.8	1200
M359830		5.32	20.9	0.20	1.3	0.070	1.69	17.2	24.7	1.39	363	3.25	1.80	7.3	1.7	1070
M359831		5.50	21.9	0.20	1.4	0.077	1.70	17.3	51.1	0.80	510	4.36	0.25	7.6	1.8	1090
M359832		4.97	22.6	0.20	1.5	0.080	1.68	16.6	51.9	0.85	517	5.33	0.44	7.7	1.8	1090
M359833		4.81	22.2	0.20	1.4	0.081	1.86	18.3	53.5	0.89	849	4.88	0.12	7.5	2.0	1060
M359834		5.28	21.1	0.20	1.3	0.071	2.14	17.3	29.2	1.05	509	3.51	0.11	6.4	1.6	1020
M359835		5.18	22.0	0.20	1.4	0.057	1.42	14.5	22.5	1.19	391	4.15	1.38	6.8	1.7	1020
M359836		4.44	23.0	0.20	1.3	0.050	2.75	15.0	8.3	0.85	226	3.89	1.01	4.2	2.3	910
M359837		4.40	21.8	0.19	1.5	0.050	2.73	22.1	30.9	1.06	261	5.36	0.28	3.3	2.2	850
M359838		4.75	18.35	0.22	1.5	0.071	3.25	23.3	8.5	1.01	195	4.62	0.36	3.7	1.9	800
M359839		7.05	18.70	0.24	1.4	0.141	3.49	19.0	7.3	0.89	333	2.11	0.12	3.1	1.7	780
M359840		4.23	22.4	0.19	1.5	0.084	3.51	13.2	8.7	1.05	532	10.75	0.12	3.5	3.4	820
M359841		7.42	19.15	0.25	0.8	0.293	3.16	25.9	20.6	0.64	803	4.07	0.04	2.7	2.8	750
M359842		0.45	0.30	0.14	<0.1	0.005	0.03	0.6	1.2	12.25	193	0.21	<0.01	0.3	2.4	160



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**CERTIFICATE OF ANALYSIS WH12216606**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M359807		31.4	105.5	<0.002	3.76	3.38	10.0	3	4.5	240	0.39	0.18	10.1	0.192	3.9
M359808		21.6	129.0	<0.002	5.39	1.63	12.8	3	8.0	208	0.16	0.47	4.5	0.249	3.6
M359809		36.1	119.0	0.002	5.40	1.30	12.7	4	8.5	429	0.20	0.38	4.5	0.267	3.3
M359810		23.1	58.5	<0.002	1.61	3.10	13.5	2	6.1	1260	0.44	0.10	5.0	0.453	3.1
M359811		37.1	159.0	<0.002	5.08	5.95	11.5	3	9.0	72.0	0.28	0.52	5.3	0.286	3.0
M359812		185.5	176.0	0.002	4.93	6.14	10.8	3	13.1	63.4	0.27	0.27	5.7	0.278	3.1
M359813		2800	165.0	0.002	4.75	90.6	7.9	2	8.1	89.2	0.46	0.38	10.8	0.189	5.4
M359814		80.8	194.5	<0.002	5.32	11.55	11.5	3	12.1	67.8	0.18	0.48	5.5	0.222	3.5
M359815		71.9	145.5	0.003	9.57	13.10	8.0	4	8.6	88.6	0.16	0.54	4.1	0.183	3.7
M359816		30.8	202	0.003	7.39	6.04	10.3	3	11.0	35.1	0.12	0.47	4.8	0.169	3.3
M359817		97.9	159.5	0.003	7.29	54.8	11.8	3	10.5	54.2	0.19	0.42	4.1	0.241	3.2
M359818		1.6	1.7	<0.002	0.01	0.13	0.2	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.9
M359819		32.5	65.1	0.002	3.41	6.49	13.0	2	4.7	406	0.37	0.13	3.9	0.429	2.3
M359820		30.0	154.0	0.003	5.65	9.12	13.3	3	7.7	82.9	0.23	0.26	4.1	0.317	2.0
M359821		188.5	167.0	0.002	>10.0	21.6	11.4	3	13.6	38.5	0.12	0.89	2.8	0.193	2.7
M359822		42.0	119.5	0.002	4.18	33.0	16.1	3	8.8	54.6	0.35	0.28	4.9	0.460	2.9
M359823		41.4	127.5	0.003	4.33	36.4	15.9	3	8.7	51.1	0.34	0.26	5.0	0.458	2.9
M359824		25.5	61.3	<0.002	3.34	12.95	15.7	3	6.4	233	0.42	0.62	4.0	0.538	3.4
M359825		30.7	65.7	0.003	5.83	10.90	14.0	4	5.0	201	0.32	0.20	3.4	0.435	2.6
M359826		173.5	156.5	0.002	8.97	22.2	13.7	4	8.6	59.9	0.22	0.42	4.1	0.300	2.5
M359827		31.1	69.9	<0.002	2.88	13.60	15.4	3	3.4	790	0.42	0.20	3.7	0.538	1.9
M359828		1385	167.0	<0.002	3.19	36.5	8.8	2	6.5	151.5	0.62	0.29	12.3	0.214	5.5
M359829		24.8	104.5	<0.002	4.49	19.75	15.1	3	4.5	70.2	0.38	0.25	5.0	0.473	4.2
M359830		33.7	60.1	<0.002	2.02	2.72	13.8	2	4.0	954	0.46	0.14	4.4	0.540	1.8
M359831		25.1	53.8	<0.002	2.60	58.3	13.7	2	5.8	168.0	0.48	0.84	4.8	0.530	5.7
M359832		21.3	46.2	<0.002	1.78	60.6	13.5	2	5.9	207	0.50	0.19	4.6	0.540	5.9
M359833		27.7	54.2	<0.002	2.04	32.6	13.6	2	6.0	145.0	0.48	0.26	5.1	0.522	5.6
M359834		44.3	71.4	<0.002	3.29	14.65	12.9	3	5.7	161.5	0.42	0.26	4.7	0.481	4.0
M359835		20.3	42.5	<0.002	2.66	2.31	12.9	2	5.5	611	0.43	0.21	4.6	0.478	2.3
M359836		33.3	99.7	<0.002	4.26	2.58	9.1	3	7.4	313	0.26	0.64	5.0	0.266	3.2
M359837		34.4	117.5	<0.002	4.32	73.6	6.9	2	5.8	124.0	0.22	0.76	6.4	0.202	4.0
M359838		51.4	135.0	<0.002	4.89	7.86	7.1	3	7.3	143.5	0.25	0.47	6.3	0.210	3.1
M359839		50.0	184.5	<0.002	7.32	3.99	7.3	4	7.2	93.8	0.20	0.48	5.8	0.173	3.1
M359840		94.5	156.0	0.011	3.69	41.4	6.5	2	5.6	118.0	0.23	0.20	6.3	0.213	2.8
M359841		292	176.0	0.002	7.42	167.5	10.2	2	13.1	41.8	0.17	0.63	4.9	0.212	6.9
M359842		1.6	1.7	<0.002	<0.01	0.21	0.1	1	0.2	50.1	<0.05	<0.05	<0.2	<0.005	0.8



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**CERTIFICATE OF ANALYSIS WH12216606**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M359807		66	9.1	13.1	89	29.5	1
M359808		90	11.2	16.8	90	54.9	<1
M359809		87	10.7	16.8	98	57.7	1
M359810		99	3.4	15.0	136	69.3	1
M359811		73	10.0	13.8	127	55.2	1
M359812		71	14.7	11.7	799	55.0	2
M359813		57	4.8	10.2	5530	26.8	24
M359814		68	13.5	12.9	215	50.4	1
M359815		56	25.9	10.0	188	41.7	2
M359816		66	15.5	11.3	196	47.0	1
M359817		79	16.5	11.0	449	43.7	3
M359818		2	0.1	1.0	15	0.5	<1
M359819		103	9.1	14.5	123	51.1	1
M359820		106	19.0	12.9	99	43.4	1
M359821		87	21.2	10.6	142	38.3	4
M359822		129	10.9	16.7	115	54.8	2
M359823		127	11.6	16.6	119	54.4	2
M359824		139	10.7	18.2	121	50.6	1
M359825		124	17.9	15.6	85	46.2	1
M359826		110	17.6	14.7	161	45.2	<1
M359827		133	6.0	17.9	103	52.3	<1
M359828		59	4.9	11.7	3060	40.9	8
M359829		124	13.2	17.1	103	42.1	<1
M359830		117	6.2	16.2	103	45.2	<1
M359831		118	7.6	16.3	105	48.3	<1
M359832		119	7.6	16.5	94	49.2	<1
M359833		114	7.9	17.9	185	48.0	<1
M359834		112	11.8	14.3	133	42.2	<1
M359835		111	10.4	15.0	106	46.4	<1
M359836		78	10.9	12.1	95	39.6	<1
M359837		61	11.6	12.7	82	46.7	<1
M359838		61	14.8	12.8	97	49.3	<1
M359839		56	15.4	10.2	88	44.5	<1
M359840		63	3.3	11.1	162	45.9	<1
M359841		76	12.3	14.6	598	23.3	2
M359842		2	0.1	0.9	15	<0.5	<1



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**CERTIFICATE OF ANALYSIS WH12216606**

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



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**CERTIFICATE WH12216607**

Project: Klaza-128

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12216607**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M358954		8.26	0.054	0.74	7.54	71.3	820	1.23	0.96	1.53	0.78	57.7	7.1	10	13.60	124.0
M358955		2.87	0.713	5.49	6.68	474	230	0.89	9.04	0.31	3.38	37.4	8.3	10	8.66	692
M358956		8.22	0.026	0.43	7.17	17.6	1320	1.19	0.55	2.16	0.74	44.3	8.6	10	12.90	68.2
M358957		3.13	0.039	3.17	7.27	47.8	1520	1.38	2.06	2.06	1.47	53.1	9.0	10	14.45	439
M358958		2.96	<0.005	0.02	0.07	<5	30	0.05	0.05	20.3	0.07	1.25	1.2	<1	0.16	3.2
M358959		7.13	0.022	0.47	6.98	22.1	1580	1.25	0.62	2.70	0.56	47.0	7.2	11	14.80	129.5
M358960		4.22	0.023	0.59	7.00	28.3	390	1.27	0.78	2.26	0.40	48.0	16.2	9	15.30	120.5
M358961		8.45	0.068	0.47	6.84	19.2	2190	1.22	0.41	2.39	0.33	48.9	8.4	10	15.70	158.0
M358962		5.65	0.020	0.41	7.22	26.0	2420	1.35	0.58	2.42	0.66	48.7	7.0	10	14.60	72.2
M358963		2.73	0.355	8.11	6.88	320	150	1.22	14.95	1.75	7.86	33.0	6.6	7	14.15	219
M358964		5.96	0.029	0.48	7.80	15.0	2280	1.42	0.66	2.27	0.82	51.9	6.7	12	15.65	57.4
M358965		<0.02	0.053	0.48	7.72	14.8	2210	1.37	0.62	2.12	0.83	51.9	6.5	10	15.25	60.5
M358966		3.30	0.118	0.65	7.01	48.6	420	1.14	1.34	2.05	0.53	51.6	9.4	10	12.85	132.0
M358967		4.54	0.024	0.23	7.23	18.1	1400	1.22	0.33	2.48	0.26	51.2	6.7	9	16.70	61.7
M358968		6.63	0.056	0.27	7.25	8.7	680	1.31	0.77	2.26	0.26	46.6	6.8	10	9.82	65.0
M358969		4.09	1.380	0.71	7.40	30.6	870	1.21	1.45	1.19	0.39	55.1	7.9	9	10.45	123.5
M358970		2.01	0.620	0.73	7.56	31.5	1280	1.13	1.29	1.33	0.33	57.1	7.4	9	10.70	151.5
M358971		3.11	1.065	1.66	7.43	52.5	440	1.11	2.73	1.35	0.37	68.5	8.9	26	10.45	567
M358972		8.83	0.039	0.36	7.78	10.1	1670	1.21	0.57	2.20	0.28	59.9	10.1	11	12.45	113.0
M358973		7.58	0.042	1.10	7.46	13.2	1510	1.33	2.96	2.82	0.35	55.5	9.0	10	12.15	105.5
M358974		7.76	0.046	0.47	7.29	12.0	1340	1.23	0.66	2.04	0.43	55.7	9.9	12	8.91	154.0
M358975		0.26	0.803	9.76	6.99	1815	940	1.29	6.39	1.96	43.4	52.2	17.3	20	19.10	113.5
M358976		7.69	0.049	0.39	7.35	16.4	1720	1.25	0.59	1.87	0.23	53.8	9.0	14	9.29	140.5
M358977		8.41	0.025	0.34	7.71	8.7	2220	1.49	0.51	1.94	0.57	57.8	12.1	14	10.55	99.9
M358978		7.74	0.028	0.35	7.24	15.7	2010	1.16	0.46	1.92	0.45	50.2	9.8	12	8.97	111.5
M358979		4.86	0.049	0.44	7.16	12.0	710	1.32	0.88	2.30	0.56	49.1	10.6	11	12.10	130.0
M358980		3.92	0.200	8.92	7.01	190.5	480	1.06	15.95	2.18	0.57	57.2	9.7	9	14.25	522
M358981		1.69	<0.005	0.03	0.10	8	40	0.06	0.07	21.1	0.07	1.63	1.2	<1	0.28	3.4
M358982		3.46	0.052	0.59	6.92	67.6	920	1.28	0.78	2.21	0.34	52.1	20.9	10	19.15	102.5
M358983		8.64	0.018	0.37	6.73	10.3	580	1.29	0.72	2.04	0.49	46.4	14.2	13	11.30	84.0
M358984		8.48	0.041	0.36	6.84	11.7	1060	1.26	0.69	1.67	0.34	50.1	10.7	13	11.60	83.4
M358985		0.26	0.757	8.96	6.34	1670	760	1.30	6.06	1.78	40.3	48.6	16.0	19	17.35	104.5
M358986		8.16	0.036	0.53	6.77	19.1	470	1.25	0.99	2.00	0.62	46.5	9.1	11	12.65	139.5
M358987		7.59	0.022	0.47	6.80	29.8	420	1.21	1.08	1.84	0.37	49.7	11.3	10	13.85	124.0
M358988		5.78	0.100	0.82	7.15	91.7	490	1.29	1.54	1.89	0.72	49.9	10.1	11	12.65	260
M358989		5.61	0.035	0.50	7.04	41.6	630	1.35	0.88	2.49	0.78	51.3	8.4	10	14.35	147.0



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**CERTIFICATE OF ANALYSIS WH12216607**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M358954		4.04	16.65	0.14	0.8	0.158	3.05	30.1	29.3	0.71	617	3.46	0.10	6.6	2.9	570
M358955		6.48	17.10	0.18	0.8	0.342	3.16	19.9	9.7	0.38	122	2.02	0.07	3.1	2.6	510
M358956		3.26	16.00	0.15	0.9	0.057	2.98	22.1	22.9	0.74	390	2.80	0.30	6.3	2.6	590
M358957		3.71	16.50	0.18	0.9	0.338	2.79	26.2	17.0	0.74	407	2.28	1.00	7.3	3.3	560
M358958		0.44	0.29	0.10	<0.1	0.005	0.03	0.6	1.3	12.15	188	0.10	0.01	0.3	1.7	180
M358959		3.48	16.00	0.15	0.9	0.070	2.78	22.9	16.3	0.83	337	2.99	1.39	7.1	2.4	590
M358960		4.58	14.55	0.16	0.7	0.127	3.09	24.6	14.4	0.77	489	9.29	0.64	5.1	3.1	570
M358961		3.07	16.05	0.15	0.8	0.067	2.84	24.4	16.2	0.78	350	2.94	0.88	6.9	2.9	560
M358962		3.60	16.45	0.15	0.8	0.093	2.83	24.7	27.6	0.86	500	1.16	0.55	7.5	2.6	580
M358963		10.50	18.15	0.23	0.8	0.424	2.66	16.6	19.4	1.04	1100	1.83	0.05	4.6	2.8	560
M358964		3.54	17.45	0.15	1.0	0.108	3.51	24.9	24.2	0.83	677	2.06	0.21	7.7	2.6	630
M358965		3.51	17.05	0.17	1.0	0.108	3.29	25.4	22.4	0.81	644	2.79	0.21	7.4	4.6	610
M358966		3.59	16.40	0.17	0.9	0.057	3.09	26.1	19.3	0.71	316	3.00	0.36	5.8	2.9	540
M358967		3.15	16.60	0.17	0.8	0.042	2.49	25.4	27.0	0.74	321	1.43	0.57	7.8	2.6	610
M358968		3.34	16.85	0.18	0.9	0.062	2.68	23.0	16.1	0.71	281	1.06	1.29	6.1	2.6	580
M358969		4.50	17.15	0.18	0.8	0.120	2.73	28.5	28.8	0.51	494	1.96	0.08	6.4	3.0	580
M358970		4.01	17.40	0.19	0.8	0.107	2.76	29.8	28.6	0.51	510	1.26	0.08	6.5	2.7	570
M358971		5.42	19.45	0.21	1.0	0.208	3.57	36.6	16.5	0.65	260	6.40	0.08	4.8	2.9	560
M358972		3.74	16.95	0.18	0.9	0.057	2.84	30.6	24.8	0.94	324	1.26	0.41	7.9	3.6	630
M358973		3.91	16.35	0.19	1.0	0.123	3.45	28.5	17.8	0.88	493	2.84	0.57	7.1	3.0	580
M358974		3.61	16.75	0.19	1.0	0.091	3.49	27.0	15.4	0.85	371	7.65	1.04	7.7	2.8	580
M358975		5.40	16.30	0.19	1.4	1.115	2.89	26.4	25.3	0.73	2090	13.05	0.27	8.5	16.4	500
M358976		3.48	17.10	0.18	0.9	0.075	3.23	27.1	15.6	0.79	309	4.75	1.51	7.5	2.8	560
M358977		3.40	17.55	0.18	1.0	0.051	3.03	29.0	18.0	0.87	295	2.86	2.27	8.7	2.8	600
M358978		3.10	16.05	0.18	0.9	0.049	2.82	26.1	15.2	0.66	273	2.06	1.35	7.2	2.8	560
M358979		3.36	16.40	0.19	1.0	0.079	3.15	23.9	11.3	0.75	292	6.22	1.58	6.8	2.7	560
M358980		4.75	15.40	0.19	0.8	0.271	3.36	30.9	8.4	0.99	1120	5.37	0.07	4.2	2.4	510
M358981		0.48	0.35	0.11	<0.1	0.005	0.04	0.8	1.2	12.50	211	0.18	0.01	0.3	2.2	180
M358982		4.37	14.85	0.17	0.9	0.137	3.02	27.6	20.6	0.87	858	5.19	0.06	5.8	2.4	520
M358983		3.47	14.80	0.17	0.9	0.098	3.02	22.8	16.4	0.60	313	10.60	1.21	5.3	2.2	500
M358984		3.26	15.65	0.18	0.9	0.089	2.90	25.7	21.8	0.59	283	6.72	0.82	6.4	2.7	520
M358985		4.90	14.85	0.18	1.3	1.040	2.65	25.4	24.1	0.66	1900	12.50	0.25	7.7	15.3	460
M358986		3.67	15.25	0.18	0.8	0.118	2.94	23.3	25.4	0.71	369	4.73	1.11	5.6	2.6	520
M358987		3.73	14.60	0.18	0.8	0.077	3.06	25.2	12.9	0.75	264	6.14	0.32	5.2	2.7	500
M358988		3.77	16.35	0.18	0.8	0.153	3.37	25.1	13.1	0.71	416	6.95	0.25	5.7	2.6	530
M358989		3.15	15.75	0.17	0.9	0.109	3.20	25.6	11.8	0.78	757	6.50	0.79	6.5	2.5	530



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**CERTIFICATE OF ANALYSIS WH12216607**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M358954		49.6	156.5	<0.002	2.25	35.2	10.1	2	5.8	81.2	0.51	0.09	13.8	0.209	2.40	4.1
M358955		118.0	192.5	<0.002	6.95	77.8	9.1	3	15.0	31.1	0.27	0.40	13.0	0.113	1.83	2.4
M358956		37.0	113.0	<0.002	1.91	9.51	9.6	2	4.0	137.0	0.48	0.08	11.9	0.204	1.90	4.0
M358957		77.4	115.0	<0.002	1.68	16.25	10.1	2	5.4	225	0.56	0.09	13.6	0.222	1.69	4.7
M358958		1.6	1.8	<0.002	0.02	0.24	0.2	1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M358959		31.0	109.0	<0.002	1.67	6.35	10.1	2	4.1	265	0.56	0.07	11.5	0.225	1.74	3.8
M358960		24.2	131.5	0.003	3.09	4.77	9.4	2	5.2	159.5	0.37	0.07	10.9	0.184	2.13	3.2
M358961		23.2	108.5	<0.002	1.24	8.93	9.9	1	4.0	243	0.50	0.05	11.6	0.223	1.73	3.4
M358962		46.7	102.0	<0.002	1.14	8.36	10.1	1	5.1	215	0.55	<0.05	12.5	0.233	1.71	3.9
M358963		388	99.6	<0.002	7.07	13.30	9.5	2	13.1	61.1	0.35	0.31	11.2	0.157	2.19	3.5
M358964		40.2	122.5	<0.002	1.09	6.23	10.5	1	3.9	154.0	0.63	0.07	14.0	0.252	2.27	4.8
M358965		41.3	123.5	<0.002	1.05	6.21	10.1	1	3.8	149.0	0.58	0.08	13.7	0.234	2.25	4.1
M358966		39.5	127.0	<0.002	2.52	19.35	9.6	2	5.0	127.0	0.46	0.19	12.6	0.203	1.87	3.9
M358967		25.6	92.0	<0.002	1.14	13.60	10.2	2	2.8	179.5	0.59	<0.05	12.8	0.238	1.46	4.1
M358968		19.5	96.7	<0.002	2.06	3.59	10.0	2	4.0	279	0.49	0.11	12.4	0.206	1.45	4.3
M358969		32.5	131.0	<0.002	2.38	45.6	10.8	2	5.6	80.8	0.47	0.25	13.5	0.211	1.77	5.0
M358970		28.8	133.5	<0.002	1.96	54.7	10.6	2	5.5	87.9	0.48	0.40	14.4	0.211	1.84	5.2
M358971		32.2	204	<0.002	4.43	15.55	13.8	2	13.0	53.0	0.37	0.41	15.7	0.188	2.16	4.5
M358972		22.7	112.5	<0.002	1.76	5.19	10.6	2	5.1	222	0.61	0.08	15.2	0.248	1.51	3.5
M358973		30.7	139.0	<0.002	1.90	4.77	10.1	2	6.5	195.0	0.58	0.09	14.3	0.218	1.97	4.5
M358974		30.3	140.5	0.003	1.89	2.16	10.3	2	5.6	207	0.63	0.07	16.6	0.225	1.76	5.1
M358975		1415	173.0	0.002	3.25	38.5	9.0	1	6.9	156.5	0.65	0.38	13.8	0.214	2.56	5.6
M358976		24.1	132.0	<0.002	1.75	1.44	9.9	2	5.7	260	0.56	0.08	14.4	0.222	1.52	4.2
M358977		28.5	124.5	<0.002	1.44	1.00	10.5	2	3.2	841	0.69	0.07	15.6	0.251	1.41	4.7
M358978		23.8	112.5	<0.002	1.47	2.71	9.2	2	2.9	514	0.58	<0.05	14.0	0.219	1.31	3.9
M358979		32.3	121.5	<0.002	2.12	2.37	9.5	2	3.1	942	0.54	0.12	13.2	0.205	1.66	4.5
M358980		111.0	185.5	<0.002	4.10	20.3	9.0	2	9.6	63.3	0.33	0.19	14.6	0.149	2.22	3.8
M358981		1.9	2.5	<0.002	0.02	0.12	0.2	1	0.2	52.8	<0.05	<0.05	0.2	<0.005	0.02	0.6
M358982		25.7	130.5	<0.002	2.71	13.25	9.1	3	5.0	84.6	0.45	<0.05	14.5	0.193	2.35	3.8
M358983		26.5	118.5	0.002	2.37	3.22	8.9	3	3.3	275	0.44	0.07	11.9	0.170	1.72	4.2
M358984		29.7	123.0	<0.002	2.21	3.37	9.2	3	4.0	135.5	0.53	0.10	15.5	0.183	1.59	4.9
M358985		1280	157.0	<0.002	2.95	35.6	8.2	1	6.5	143.5	0.58	0.37	13.3	0.199	2.40	5.2
M358986		34.5	122.0	<0.002	2.79	1.98	9.3	3	5.3	230	0.42	0.13	12.1	0.177	1.71	3.5
M358987		28.1	131.5	<0.002	3.13	10.00	9.1	4	4.9	123.0	0.41	0.09	13.3	0.166	1.80	4.0
M358988		44.7	145.5	<0.002	3.00	22.0	9.6	3	5.5	110.0	0.47	0.13	13.6	0.188	2.14	5.6
M358989		30.6	129.5	<0.002	2.24	8.69	9.2	3	4.3	331	0.52	0.07	12.7	0.195	2.12	3.8





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Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12216607**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M358954		66	5.6	11.8	104	19.8	1
M358955		61	9.0	8.9	213	19.9	5
M358956		66	4.3	11.4	108	22.8	<1
M358957		65	4.4	12.2	171	22.0	3
M358958		2	0.1	0.8	14	<0.5	<1
M358959		68	4.6	12.5	85	21.9	<1
M358960		66	6.4	11.5	73	18.6	<1
M358961		67	2.9	11.7	71	19.5	<1
M358962		67	4.0	12.1	101	20.7	<1
M358963		63	12.4	9.1	801	20.4	8
M358964		75	3.6	13.0	125	24.3	<1
M358965		69	3.5	12.8	119	24.0	<1
M358966		67	2.9	12.2	77	21.8	<1
M358967		68	2.8	13.1	57	20.7	<1
M358968		67	3.4	12.6	58	21.4	<1
M358969		68	5.1	14.2	82	20.0	<1
M358970		67	4.8	14.4	83	20.8	<1
M358971		79	5.9	15.0	76	24.8	2
M358972		73	5.4	13.7	75	22.7	<1
M358973		67	6.7	14.5	89	23.3	1
M358974		68	6.0	14.5	86	24.9	<1
M358975		59	5.2	12.4	3080	42.0	10
M358976		65	4.4	15.2	62	24.6	<1
M358977		69	3.2	18.2	75	25.8	<1
M358978		61	3.8	14.1	63	23.5	<1
M358979		67	4.8	12.5	81	26.8	<1
M358980		59	10.2	10.5	74	21.5	9
M358981		3	0.2	0.9	16	<0.5	<1
M358982		61	5.6	11.3	66	22.5	<1
M358983		58	4.6	12.1	66	21.6	<1
M358984		59	5.7	12.9	62	23.8	<1
M358985		54	5.0	11.7	2830	37.8	9
M358986		60	6.3	12.2	85	21.8	<1
M358987		56	6.4	12.3	62	21.4	<1
M358988		63	6.9	12.1	90	21.1	1
M358989		59	5.7	12.9	96	20.6	<1



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**CERTIFICATE OF ANALYSIS WH12216607**

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



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**CERTIFICATE WH12216608**

Project: Klaza-128

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12216608**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354362		4.76	0.058	1.37	6.12	101.5	320	1.08	1.38	2.01	9.88	44.8	8.7	7	8.67	292
M354363		6.04	0.017	0.66	7.37	89.1	430	1.27	0.67	1.53	0.84	51.5	9.1	8	11.75	293
M354364		3.40	0.135	2.47	5.68	150.5	580	0.76	1.87	0.95	2.86	32.1	30.7	10	4.72	558
M354365		2.04	<0.005	0.02	0.07	<5	60	0.05	0.02	21.9	0.07	1.58	1.4	<1	0.16	3.0
M354366		3.20	0.043	0.86	6.93	99.9	740	1.06	1.10	1.47	0.34	47.4	14.8	9	8.14	279
M354367		2.98	0.186	6.59	5.78	422	360	0.69	2.60	0.72	1.65	47.5	32.0	8	5.29	2040
M354368		8.22	0.030	0.70	7.00	108.5	750	1.03	0.91	1.29	1.06	50.8	12.5	8	8.15	307
M354369		8.73	0.018	0.46	7.07	34.6	1110	1.17	0.72	1.43	0.51	48.6	12.9	9	7.29	155.0
M354370		<0.02	0.018	0.39	7.04	31.9	960	1.19	0.71	1.40	0.50	48.8	12.1	9	7.36	145.0
M354371		8.31	0.028	0.66	7.14	70.8	540	1.30	0.76	1.44	1.11	40.2	9.6	9	10.25	203
M354372		8.19	0.017	0.84	7.33	75.5	780	1.35	1.85	1.34	0.29	50.9	9.3	10	11.50	409
M354373		8.03	0.017	0.92	7.45	76.7	720	1.26	2.03	1.44	0.40	55.8	11.7	8	10.75	389
M354374		3.55	0.111	3.22	6.99	235	90	1.03	2.44	0.65	2.17	51.0	22.9	9	7.92	689
M354375		8.33	0.018	0.75	7.14	52.8	750	1.21	1.77	1.46	0.60	48.1	10.9	9	9.98	253
M354376		0.26	0.276	99.8	5.52	241	610	0.62	4.79	1.47	24.8	20.3	11.1	67	0.89	6120
M354377		8.08	0.013	0.52	6.73	18.4	270	1.22	0.83	2.20	0.52	38.9	8.9	9	10.05	247
M354378		8.43	0.032	0.65	6.94	32.6	330	1.35	1.38	2.32	7.36	36.1	6.5	8	11.90	142.5
M354379		7.98	0.014	0.38	6.78	8.4	330	1.49	0.69	3.19	0.44	39.8	8.5	9	12.35	172.0
M354380		7.69	0.036	0.28	7.24	6.1	780	1.64	0.61	2.46	0.35	45.8	8.8	10	11.00	129.5
M354381		7.29	0.155	1.28	7.25	15.0	590	1.31	1.40	2.56	1.47	37.6	11.0	115	11.30	678
M354382		7.04	0.321	2.19	7.15	18.7	370	1.43	1.16	2.31	0.97	34.1	10.3	61	12.00	1070
M354383		8.20	0.154	2.38	7.06	38.2	740	1.44	1.74	3.16	0.59	40.6	8.4	79	16.10	1265
M354384		0.26	2.32	24.3	5.91	3400	1080	1.17	18.80	2.27	78.9	46.9	10.4	18	14.75	442
M354385		7.82	0.009	0.43	7.39	17.1	320	1.63	0.74	1.77	0.49	44.0	8.4	9	10.85	277
M354386		8.26	0.009	0.62	6.90	42.1	270	1.37	3.85	2.14	0.46	45.2	11.1	9	11.00	371
M354387		4.98	0.009	0.61	7.45	71.4	460	1.46	0.96	1.83	0.33	51.4	8.7	8	14.00	363
M354388		2.85	0.489	23.4	5.13	272	290	0.84	62.2	1.48	2.17	28.5	8.3	6	7.89	279
M354389		3.43	<0.005	0.02	0.09	<5	20	0.05	0.06	20.5	0.05	1.14	1.6	<1	0.57	2.3
M354390		7.38	0.014	0.71	6.99	85.8	560	1.16	1.19	1.35	0.42	50.9	8.7	8	10.40	321
M354391		2.62	0.095	4.17	6.58	248	300	1.08	5.49	1.59	0.99	47.5	11.9	9	8.29	1345
M354392		7.23	0.012	0.45	7.37	36.7	360	1.34	0.86	1.92	0.39	44.9	6.7	9	10.95	192.0
M354393		3.60	0.012	0.37	7.24	24.0	350	1.28	0.86	1.70	0.53	46.7	7.6	8	9.77	140.0
M354394		7.96	0.010	0.39	7.11	10.5	340	1.49	0.75	2.20	0.40	42.0	6.7	8	10.25	152.0
M354395		7.74	0.016	0.57	7.37	27.6	210	1.29	0.92	2.67	2.69	46.1	11.8	7	9.99	211
M354396		7.84	0.016	0.37	7.51	21.0	460	1.31	0.69	2.38	0.34	45.1	6.8	7	11.60	142.0
M354397		8.01	0.016	0.49	7.26	17.9	260	1.66	0.97	2.34	0.51	51.0	7.5	8	13.40	257



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Account: ROCKHA

Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12216608**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354362		4.77	12.70	0.17	0.8	0.174	2.87	22.8	12.2	0.88	779	7.31	0.04	4.1	2.8	430
M354363		3.18	14.50	0.15	1.0	0.063	3.02	24.8	24.3	0.80	373	7.95	0.06	5.5	2.5	540
M354364		8.29	12.55	0.24	0.6	0.401	2.84	14.1	8.8	0.56	302	20.7	0.05	2.3	3.8	420
M354365		0.47	0.30	0.10	<0.1	0.005	0.03	0.7	1.0	12.85	205	0.17	0.01	0.4	1.9	250
M354366		4.87	15.30	0.17	0.8	0.103	3.22	21.6	11.2	0.78	370	7.47	0.06	2.8	3.2	490
M354367		7.94	13.75	0.22	0.7	0.650	2.78	22.8	8.5	0.47	352	9.10	0.06	2.2	3.4	410
M354368		5.27	14.10	0.17	0.8	0.137	3.18	25.5	14.3	0.70	277	17.75	0.05	3.4	3.0	520
M354369		3.88	13.70	0.16	0.8	0.065	3.25	22.2	15.0	0.78	223	26.7	0.21	4.0	3.0	500
M354370		3.67	13.50	0.16	0.8	0.064	3.30	22.4	15.3	0.77	217	27.1	0.21	4.0	2.7	490
M354371		3.40	14.90	0.15	0.8	0.083	3.36	18.1	10.5	0.78	297	14.50	0.38	3.7	2.8	530
M354372		3.61	14.75	0.16	1.0	0.113	3.29	24.9	21.8	0.83	316	17.00	0.05	4.8	2.7	510
M354373		4.56	14.15	0.18	0.9	0.104	3.28	26.8	14.8	0.80	289	6.67	0.06	4.1	2.7	530
M354374		8.47	15.25	0.25	0.9	0.271	3.32	23.3	10.9	0.51	390	11.60	0.06	3.3	3.3	500
M354375		4.97	14.70	0.18	0.8	0.083	3.14	21.8	15.0	0.76	302	11.10	0.06	3.8	2.7	510
M354376		5.77	12.25	0.15	1.6	0.454	1.11	9.1	11.3	1.13	1740	24.3	1.61	3.4	26.7	440
M354377		3.45	14.00	0.14	0.8	0.076	3.32	16.1	11.8	0.68	183	7.81	0.65	4.5	2.7	500
M354378		4.07	14.25	0.16	0.8	0.267	3.22	15.7	21.0	0.68	281	9.07	0.37	4.2	2.5	510
M354379		3.18	14.45	0.14	0.8	0.068	2.48	17.0	15.0	0.77	229	7.38	0.83	4.8	2.6	510
M354380		2.78	15.60	0.14	0.9	0.049	2.57	20.6	13.2	0.89	173	6.63	1.12	5.3	3.4	560
M354381		5.00	16.75	0.17	1.8	0.201	3.56	18.9	25.9	1.65	348	16.15	0.08	5.1	34.4	630
M354382		4.17	19.65	0.15	1.8	0.209	3.60	17.0	20.7	1.10	468	3.29	0.08	5.3	21.8	620
M354383		3.91	19.30	0.15	1.7	0.228	3.24	20.6	20.9	1.50	658	9.27	0.06	5.7	26.3	610
M354384		6.62	14.60	0.17	1.0	1.850	2.65	23.9	19.6	0.91	1900	14.20	0.04	6.2	15.0	430
M354385		3.49	15.45	0.15	1.0	0.078	3.52	18.8	15.7	0.88	138	6.79	0.29	5.1	3.1	540
M354386		3.90	13.15	0.17	0.9	0.114	3.09	20.0	17.4	0.82	196	8.42	0.16	4.7	3.0	480
M354387		3.32	14.50	0.16	0.8	0.103	3.17	23.8	14.2	0.89	275	6.00	0.06	4.8	3.1	520
M354388		9.45	11.05	0.24	0.6	0.139	2.28	12.8	11.1	0.70	629	8.58	0.03	2.4	3.4	420
M354389		0.45	0.35	0.09	<0.1	0.005	0.05	0.5	1.0	12.20	208	0.36	<0.01	0.3	3.0	150
M354390		3.89	13.90	0.16	1.0	0.112	2.85	22.4	21.2	0.78	275	6.59	0.05	4.0	2.7	460
M354391		5.55	15.85	0.18	0.7	0.265	2.92	21.1	17.7	0.70	323	5.56	0.05	3.5	2.7	460
M354392		3.24	15.60	0.15	0.9	0.078	3.47	18.2	17.3	0.75	221	2.59	0.28	5.0	2.6	570
M354393		3.07	15.25	0.15	0.9	0.065	3.33	19.5	16.0	0.68	179	4.45	0.33	4.6	2.6	530
M354394		2.90	14.95	0.14	0.8	0.060	3.10	17.9	17.2	0.76	177	17.75	0.81	5.2	2.3	540
M354395		4.10	16.15	0.17	0.8	0.064	3.00	17.5	18.1	0.71	271	3.20	0.09	4.8	2.7	610
M354396		2.95	16.45	0.15	0.8	0.047	3.29	19.2	24.0	0.83	285	4.50	0.09	5.4	2.6	570
M354397		3.48	15.80	0.16	0.9	0.074	3.26	23.6	27.0	0.85	224	2.30	0.60	6.1	2.7	590



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**CERTIFICATE OF ANALYSIS WH12216608**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M354362		472	144.0	<0.002	4.89	59.3	8.2	4	8.1	46.6	0.38	0.23	11.4	0.132	3.5
M354363		46.6	138.0	<0.002	2.89	45.7	10.5	4	5.0	92.9	0.51	0.10	12.5	0.173	2.7
M354364		82.8	142.0	0.002	9.12	148.0	8.3	10	12.5	28.3	0.18	0.21	8.2	0.089	3.2
M354365		1.4	1.5	<0.002	0.02	0.35	0.2	1	0.2	54.3	<0.05	<0.05	<0.2	<0.005	0.6
M354366		25.1	150.5	0.002	4.87	25.0	9.4	5	8.4	52.9	0.25	0.17	12.7	0.107	2.6
M354367		151.5	132.5	0.002	8.79	95.5	7.2	8	12.5	29.0	0.18	1.10	10.6	0.089	3.1
M354368		40.8	144.5	0.006	5.40	16.55	8.9	5	7.6	58.5	0.31	0.13	12.7	0.119	4.4
M354369		24.9	137.0	0.004	3.80	6.97	10.1	5	7.0	110.5	0.34	0.09	12.1	0.135	3.6
M354370		24.4	135.5	0.004	3.59	6.50	10.0	5	6.9	107.0	0.34	0.09	12.5	0.135	3.5
M354371		61.2	145.0	0.002	3.30	17.40	9.8	4	6.7	120.5	0.34	0.08	13.0	0.131	4.6
M354372		21.7	152.5	<0.002	3.55	15.70	10.0	4	7.1	59.5	0.44	0.35	12.8	0.155	3.1
M354373		24.3	146.0	<0.002	4.64	17.90	10.0	6	6.2	59.7	0.37	0.35	13.0	0.140	3.0
M354374		108.5	152.0	<0.002	9.45	99.7	8.9	10	11.4	20.3	0.29	0.25	11.7	0.120	4.1
M354375		30.2	140.5	<0.002	5.18	18.85	9.6	5	7.5	55.2	0.33	0.18	12.2	0.126	2.9
M354376		>10000	28.2	0.011	2.29	442	11.0	3	2.1	190.5	0.23	1.07	2.1	0.237	1.4
M354377		26.7	116.5	<0.002	3.41	3.86	9.3	4	6.1	358	0.38	0.09	11.1	0.151	3.6
M354378		113.5	127.0	<0.002	4.01	5.33	9.4	4	8.7	175.0	0.37	0.17	12.3	0.149	4.5
M354379		19.9	93.1	<0.002	3.23	2.91	8.9	4	5.3	176.5	0.44	0.09	12.1	0.148	4.2
M354380		17.7	99.0	0.002	2.65	4.65	9.8	3	4.1	191.5	0.49	0.10	12.9	0.165	5.7
M354381		29.9	154.0	<0.002	4.18	15.40	11.9	5	6.6	144.0	0.45	0.16	8.2	0.199	4.1
M354382		32.6	137.5	<0.002	3.24	28.8	9.3	4	5.5	170.0	0.48	0.16	8.9	0.182	4.9
M354383		20.2	148.5	<0.002	2.89	73.8	10.2	4	6.3	182.5	0.51	0.54	8.9	0.200	4.2
M354384		2880	163.0	0.002	4.74	93.2	7.4	2	8.4	94.5	0.51	0.39	10.6	0.178	5.4
M354385		22.6	124.5	<0.002	3.24	12.20	10.1	4	4.6	142.0	0.52	0.11	13.3	0.158	6.3
M354386		24.8	115.0	<0.002	3.97	14.85	9.2	5	4.9	106.5	0.51	1.01	14.7	0.141	4.0
M354387		17.6	130.0	0.003	3.22	32.1	9.5	4	4.6	88.6	0.44	0.10	13.6	0.157	3.8
M354388		1985	106.5	0.002	>10.0	90.1	6.1	10	11.5	38.8	0.20	2.61	9.6	0.080	4.6
M354389		2.2	3.2	<0.002	0.01	0.15	0.4	1	<0.2	40.9	<0.05	<0.05	<0.2	<0.005	0.5
M354390		31.9	130.5	0.002	3.85	48.9	8.4	4	5.6	54.5	0.44	0.12	16.1	0.125	3.6
M354391		83.4	153.0	<0.002	5.72	214	8.3	5	13.4	39.5	0.29	0.31	12.7	0.125	4.2
M354392		18.9	114.0	<0.002	2.95	19.90	9.7	3	5.2	129.0	0.44	0.09	12.5	0.174	3.5
M354393		20.4	120.0	<0.002	2.82	14.20	9.6	3	6.0	123.0	0.40	0.09	13.0	0.157	3.6
M354394		19.3	113.5	<0.002	2.75	3.98	9.7	3	5.2	190.5	0.45	0.09	11.6	0.171	4.7
M354395		75.3	106.5	<0.002	4.13	17.40	10.1	4	6.9	97.1	0.40	0.14	11.0	0.161	6.3
M354396		19.2	115.0	<0.002	2.74	19.80	10.3	3	5.0	116.0	0.47	0.11	13.1	0.176	3.7
M354397		23.4	113.5	<0.002	3.20	5.91	11.3	3	5.1	215	0.50	0.10	11.3	0.203	5.2



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**CERTIFICATE OF ANALYSIS WH12216608**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M354362		55	11.5	8.4	1020	16.6	<1	
M354363		64	8.6	11.3	106	20.8	<1	
M354364		57	11.1	10.5	252	13.7	<1	
M354365		2	0.1	1.0	16	<0.5	<1	
M354366		63	8.3	9.5	49	17.6	<1	
M354367		54	7.8	9.5	157	15.3	5	
M354368		59	7.9	11.4	114	18.1	<1	
M354369		65	10.0	11.6	60	18.4	<1	
M354370		65	10.2	11.2	59	18.9	<1	
M354371		62	7.1	10.9	119	17.6	<1	
M354372		62	10.3	11.8	37	22.3	<1	
M354373		62	9.5	11.4	52	19.5	<1	
M354374		70	12.0	11.0	201	19.3	1	
M354375		62	9.0	11.9	77	17.9	<1	
M354376		82	0.6	14.2	5070	48.2	106	1.015
M354377		63	9.0	10.7	63	18.1	<1	
M354378		62	7.7	10.7	650	17.0	<1	
M354379		60	6.5	13.8	54	18.9	<1	
M354380		65	6.1	11.7	50	20.5	<1	
M354381		94	8.9	10.4	179	47.7	1	
M354382		75	7.6	10.3	148	45.7	2	
M354383		81	6.8	10.6	97	45.1	2	
M354384		57	5.0	10.5	5500	24.2	25	
M354385		68	7.6	12.4	49	20.8	<1	
M354386		59	8.7	11.8	47	20.4	<1	
M354387		60	6.3	11.9	51	18.0	<1	
M354388		47	8.8	12.2	221	12.4	24	
M354389		3	0.1	0.8	11	<0.5	<1	
M354390		56	8.7	11.7	56	20.6	1	
M354391		55	12.4	9.7	114	16.7	4	
M354392		66	8.1	12.1	59	21.2	<1	
M354393		62	7.0	12.2	64	19.1	<1	
M354394		61	9.1	13.0	51	18.2	<1	
M354395		66	6.7	14.2	254	17.3	<1	
M354396		66	5.9	13.4	53	17.8	<1	
M354397		72	6.6	12.1	64	20.0	<1	



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**CERTIFICATE OF ANALYSIS WH12216608**

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





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**CERTIFICATE WH12219177**

Project: Klaza-128

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219177**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354326		5.23	0.017	0.38	7.32	7.9	1250	1.49	0.64	2.09	0.45	46.2	7.7	9	8.10	232
M354327		5.86	0.024	0.57	7.51	10.4	1380	1.61	1.01	2.03	0.23	48.3	13.1	8	8.80	279
M354328		7.49	0.017	0.69	7.33	8.1	1010	1.45	0.83	2.03	0.30	41.5	6.7	8	8.84	268
M354329		3.98	0.028	1.49	6.72	15.7	1280	1.13	2.24	1.17	2.89	32.1	13.7	9	5.12	300
M354330		0.26	0.793	10.05	6.46	1520	1720	1.53	6.10	1.85	40.5	43.8	16.7	19	15.80	105.5
M354331		7.84	0.019	0.94	7.57	14.0	1080	1.56	1.13	2.09	0.42	45.6	9.4	9	9.89	261
M354332		4.00	0.014	1.04	7.38	54.7	1550	1.41	1.48	1.71	0.41	42.7	12.9	7	9.77	352
M354333		3.16	0.052	2.17	7.50	89.2	740	1.30	3.34	0.76	1.30	39.7	16.0	8	6.89	565
M354334		2.92	0.015	0.61	7.44	40.0	1470	1.45	1.38	1.54	0.15	48.2	8.9	7	10.05	220
M354335		1.49	0.021	0.56	7.47	36.1	1440	1.53	1.37	1.48	0.20	48.1	8.1	7	10.50	158.0
M354336		9.14	0.011	1.08	7.41	39.2	1590	1.52	0.85	2.05	0.34	55.5	9.1	8	11.10	160.0
M354337		4.38	0.010	0.56	7.19	28.2	1260	1.35	1.13	2.14	0.25	48.3	10.3	7	8.27	135.5
M354338		2.73	0.038	0.82	7.33	57.7	670	1.48	1.37	1.44	0.45	51.9	11.5	6	12.40	235
M354339		3.11	<0.005	0.04	0.07	<5	40	0.05	0.02	20.7	0.06	1.17	0.7	<1	0.23	2.1
M354340		4.37	0.014	0.77	7.76	32.0	790	1.49	1.49	1.08	0.31	51.4	9.2	7	8.75	123.5
M354341		4.85	0.014	0.77	7.50	62.3	1000	1.41	1.59	1.07	0.44	47.1	11.3	7	12.20	325
M354342		7.31	0.015	0.43	7.62	18.3	1550	1.45	1.28	1.92	0.14	53.4	9.1	8	13.30	172.0
M354343		7.74	0.022	0.52	7.61	9.5	1310	1.29	0.81	1.73	0.34	50.3	9.0	8	9.84	235
M354344		5.91	0.017	0.62	7.58	18.3	1100	1.47	1.05	2.15	0.36	47.1	7.8	8	14.30	285
M354345		<0.02	0.017	0.63	7.91	17.7	1150	1.37	1.17	2.21	0.37	47.5	7.8	7	14.10	291
M354346		7.65	0.028	0.51	7.41	34.5	1690	1.46	0.83	2.56	0.35	41.2	9.2	6	13.40	177.0
M354347		9.33	0.076	1.12	7.40	60.3	1490	1.55	1.17	1.85	0.88	46.3	8.5	8	13.90	276
M354348		8.29	0.023	0.83	7.23	53.2	1520	1.50	0.83	2.46	0.56	45.4	9.2	7	13.80	300
M354349		9.16	0.011	0.51	7.40	12.3	1140	1.64	0.60	2.20	0.27	48.6	8.8	9	10.45	202
M354350		6.26	0.014	0.61	7.38	20.1	1840	1.48	0.74	1.75	0.18	50.6	13.6	9	13.00	284
M354351		0.26	0.776	10.90	6.84	1620	1690	1.62	6.44	1.95	41.3	45.8	16.7	19	15.80	108.0
M354352		8.25	0.016	0.76	7.73	21.0	1610	1.62	0.80	1.76	0.23	48.7	9.4	8	12.30	266
M354353		7.50	0.018	0.59	7.48	26.0	1470	1.26	1.03	1.40	0.23	44.1	8.3	8	9.97	350
M354354		6.70	0.023	0.84	7.31	48.4	1090	1.42	1.59	1.73	3.21	51.1	7.5	9	13.10	272
M354355		5.74	0.025	0.94	7.32	64.0	1260	1.48	2.05	1.85	0.61	47.0	7.7	7	11.65	280
M354356		4.07	0.071	1.76	6.74	78.0	1240	1.33	4.38	1.56	6.56	45.0	8.8	8	8.65	171.0
M354357		8.15	0.024	0.57	7.21	44.2	570	1.34	0.99	1.89	0.77	49.3	7.5	7	11.20	171.0
M354358		3.36	0.054	1.29	6.43	94.8	600	1.23	1.90	1.59	1.05	43.0	9.0	8	11.65	260
M354359		3.64	<0.005	0.05	0.09	<5	20	0.07	0.02	20.7	0.07	1.14	0.6	<1	0.16	2.0
M354360		4.18	0.023	0.51	7.36	50.9	970	1.35	0.98	1.77	0.57	44.9	10.0	7	12.45	155.5
M354361		8.95	0.019	0.55	7.43	50.8	920	1.53	0.89	1.61	0.34	48.5	9.1	9	12.30	158.0



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**CERTIFICATE OF ANALYSIS WH12219177**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354326		2.92	14.30	0.12	0.9	0.053	2.93	24.6	19.3	0.82	255	5.03	1.68	6.1	2.6	550
M354327		3.67	15.00	0.14	0.9	0.081	3.46	25.3	13.8	0.78	257	7.14	1.02	5.3	2.4	540
M354328		3.02	14.45	0.11	0.8	0.073	3.48	21.3	11.9	0.73	249	3.85	1.00	4.8	2.4	570
M354329		6.37	12.00	0.11	0.7	0.252	3.43	17.6	17.1	0.52	254	18.75	0.10	2.4	2.5	480
M354330		5.09	14.60	0.11	1.4	0.899	2.86	24.1	23.7	0.68	1940	11.85	0.26	6.8	15.3	480
M354331		3.63	14.45	0.11	0.9	0.085	3.76	22.2	13.9	0.71	279	5.64	0.85	4.0	2.3	580
M354332		4.31	13.00	0.11	0.9	0.124	3.57	22.0	15.1	0.79	281	7.12	0.25	3.6	2.3	530
M354333		6.55	14.05	0.11	0.9	0.268	3.61	20.5	10.4	0.56	188	11.40	0.10	2.6	2.2	530
M354334		3.60	14.30	0.14	0.8	0.137	3.59	27.0	13.7	0.69	295	6.95	0.07	3.1	2.6	540
M354335		3.44	14.85	0.12	0.9	0.142	3.59	27.3	14.2	0.69	291	6.38	0.08	3.3	2.5	530
M354336		2.70	14.35	0.13	0.9	0.048	3.07	29.3	23.1	0.77	277	15.25	0.09	4.7	2.4	540
M354337		3.29	12.40	0.11	0.8	0.093	3.18	26.0	31.8	0.64	290	25.2	0.07	4.0	2.2	500
M354338		4.36	14.50	0.12	0.7	0.137	3.11	28.0	24.1	0.78	445	8.20	0.05	3.4	2.4	560
M354339		0.47	0.22	0.10	<0.1	0.009	0.03	0.6	1.1	13.00	213	0.15	<0.01	0.2	1.5	180
M354340		4.11	16.45	0.12	0.8	0.090	3.72	28.4	14.3	0.72	229	4.31	0.08	3.7	2.4	590
M354341		4.35	15.45	0.10	0.8	0.118	3.18	26.1	22.8	0.66	205	2.49	0.05	3.4	2.6	560
M354342		3.20	14.90	0.11	0.9	0.071	3.27	28.2	16.9	0.87	208	13.15	0.10	5.1	2.7	560
M354343		3.06	14.40	0.15	0.9	0.078	3.04	27.9	18.8	0.76	261	6.83	0.35	5.3	2.5	570
M354344		2.98	15.45	0.12	0.8	0.114	3.03	23.7	25.0	0.71	295	6.20	0.27	5.1	2.1	570
M354345		3.16	15.00	0.11	0.9	0.116	3.21	25.0	24.3	0.75	309	5.62	0.27	5.0	2.4	600
M354346		3.04	13.65	0.12	0.9	0.065	2.93	21.8	23.9	0.81	267	8.80	0.47	5.2	2.2	560
M354347		3.57	15.10	0.12	0.9	0.126	3.23	24.7	14.2	0.72	533	19.00	0.53	5.0	2.5	560
M354348		3.59	13.50	0.12	0.8	0.136	3.22	25.4	13.3	0.88	563	10.35	0.29	4.5	2.2	500
M354349		2.86	13.80	0.14	0.9	0.047	3.06	25.5	15.5	0.76	191	6.50	1.24	4.8	2.2	540
M354350		4.10	13.35	0.14	1.0	0.065	2.95	28.1	19.2	0.79	203	19.95	0.43	5.1	2.4	530
M354351		5.37	14.30	0.12	1.4	0.930	3.00	23.5	23.3	0.72	2030	11.90	0.27	7.1	14.9	510
M354352		4.11	13.70	0.12	1.0	0.082	3.31	25.2	21.0	0.89	257	3.18	0.40	4.4	2.5	580
M354353		3.89	13.60	0.11	0.9	0.058	3.07	24.9	16.0	0.78	173	5.63	0.07	4.0	2.3	570
M354354		3.97	14.05	0.13	1.0	0.115	3.30	28.3	11.8	0.81	345	11.05	0.08	3.9	2.3	530
M354355		4.36	13.65	0.11	0.9	0.167	3.60	25.6	12.7	0.88	443	4.22	0.28	3.7	2.0	550
M354356		5.43	13.75	0.12	0.8	0.245	3.06	23.2	15.5	0.67	275	37.7	0.05	3.1	2.3	500
M354357		3.22	13.10	0.11	1.0	0.088	2.97	29.8	25.3	0.90	457	3.08	0.04	3.8	2.3	530
M354358		4.87	12.55	0.12	0.8	0.135	2.99	23.5	11.6	0.91	644	3.71	0.04	3.2	2.7	450
M354359		0.47	0.27	0.12	<0.1	0.006	0.03	0.6	0.9	13.05	203	0.12	0.01	0.1	1.6	180
M354360		4.48	14.15	0.13	0.9	0.127	3.22	23.0	16.3	0.91	491	3.67	0.04	3.5	2.2	540
M354361		3.74	13.50	0.11	0.9	0.062	3.21	26.0	18.7	0.94	285	5.40	0.05	4.1	2.3	540



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**CERTIFICATE OF ANALYSIS WH12219177**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M354326		23.2	92.9	<0.002	2.00	0.69	10.0	2	2.8	357	0.53	0.06	12.8	0.219	1.28	4.2
M354327		20.0	120.0	<0.002	3.11	0.81	10.4	3	4.8	213	0.46	0.08	12.2	0.194	1.53	4.6
M354328		25.4	104.0	<0.002	2.50	1.39	9.8	2	3.5	575	0.41	0.07	11.3	0.187	1.46	3.7
M354329		100.0	124.0	<0.002	6.49	0.71	9.4	4	12.4	124.5	0.24	0.21	10.6	0.124	1.72	2.4
M354330		1340	153.5	0.002	3.00	31.0	8.9	1	5.9	144.0	0.60	0.32	11.5	0.206	2.50	5.0
M354331		36.8	119.0	<0.002	3.24	1.03	10.5	3	4.6	924	0.35	0.11	12.5	0.161	1.89	4.0
M354332		35.3	124.5	0.002	4.06	5.41	9.7	3	4.9	206	0.37	0.08	12.8	0.146	1.69	3.4
M354333		57.3	131.5	<0.002	6.77	83.7	9.2	5	11.2	28.2	0.27	0.40	13.3	0.127	1.79	3.2
M354334		19.5	136.0	<0.002	3.06	8.41	9.8	2	5.6	76.6	0.30	0.13	13.8	0.136	1.96	3.3
M354335		21.1	142.0	<0.002	2.86	7.14	10.4	2	5.7	81.2	0.31	0.09	13.7	0.133	1.91	3.4
M354336		25.5	108.0	<0.002	2.41	26.9	10.1	2	3.6	129.0	0.41	0.08	13.9	0.164	1.52	4.5
M354337		18.6	115.5	0.002	3.04	14.65	9.7	2	4.7	84.3	0.41	0.07	14.0	0.137	1.62	2.7
M354338		23.7	135.0	<0.002	4.03	50.1	10.4	2	6.1	44.5	0.31	0.10	13.6	0.148	1.77	3.0
M354339		1.5	1.4	<0.002	0.01	0.17	0.2	<1	0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	1.1
M354340		21.3	153.0	<0.002	3.84	12.15	10.9	3	8.5	35.1	0.34	0.10	14.2	0.151	1.80	3.0
M354341		36.3	123.0	0.002	4.22	36.6	10.3	3	5.5	41.9	0.32	0.15	13.7	0.151	1.65	2.5
M354342		16.2	122.0	<0.002	2.83	10.10	10.9	3	5.0	95.9	0.44	0.10	13.0	0.196	1.64	6.0
M354343		30.6	112.0	<0.002	2.59	9.49	10.3	2	3.7	121.5	0.45	0.07	13.5	0.205	1.59	4.4
M354344		23.1	113.0	<0.002	2.45	10.45	10.7	2	4.1	113.5	0.43	0.17	12.6	0.189	1.78	4.5
M354345		24.5	117.0	<0.002	2.57	10.30	10.5	2	4.1	113.0	0.43	0.10	14.1	0.199	1.85	4.9
M354346		23.2	106.0	0.003	2.48	11.70	10.0	3	3.8	260	0.48	0.06	11.8	0.196	1.62	3.5
M354347		57.4	139.5	0.003	3.31	18.40	11.1	2	4.7	1045	0.45	0.10	13.0	0.189	2.14	4.1
M354348		40.0	133.5	<0.002	3.15	23.6	9.6	3	4.2	434	0.40	0.06	12.9	0.163	2.23	3.9
M354349		24.2	104.0	0.002	2.60	2.22	9.8	3	2.9	1910	0.42	<0.05	13.1	0.175	1.41	3.9
M354350		21.7	109.0	0.002	3.95	13.25	10.5	4	3.0	213	0.52	0.06	13.8	0.177	1.36	3.8
M354351		1400	155.5	<0.002	3.18	31.7	9.0	<1	5.6	154.0	0.62	0.32	11.8	0.215	2.53	5.2
M354352		19.0	120.0	<0.002	3.60	8.87	10.0	3	3.8	141.0	0.46	0.08	13.4	0.172	1.64	4.6
M354353		15.7	113.5	<0.002	3.67	7.56	10.4	3	3.2	68.4	0.35	0.12	12.7	0.163	1.47	2.9
M354354		170.0	142.5	0.002	3.73	7.11	10.3	2	3.8	81.3	0.38	0.36	13.7	0.153	2.07	5.5
M354355		30.3	139.5	<0.002	3.94	13.70	10.2	2	4.8	116.0	0.34	0.21	13.2	0.148	2.16	5.7
M354356		122.0	130.5	0.002	5.39	9.27	9.3	2	8.7	56.5	0.29	0.26	12.6	0.126	1.96	2.8
M354357		53.0	126.0	<0.002	2.72	41.0	9.5	2	3.7	50.1	0.37	0.14	13.3	0.149	1.92	3.2
M354358		63.6	142.0	0.002	4.77	59.7	9.2	3	5.7	35.4	0.30	0.17	12.1	0.128	2.25	4.0
M354359		1.5	1.4	<0.002	0.01	0.22	0.2	<1	0.2	47.0	<0.05	<0.05	0.3	<0.005	<0.02	1.2
M354360		25.0	148.0	<0.002	4.07	30.1	10.0	2	6.4	52.4	0.32	0.12	12.9	0.144	2.44	2.6
M354361		24.1	139.5	<0.002	3.62	12.70	10.1	3	4.2	51.5	0.40	0.18	13.1	0.153	2.22	2.8



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**CERTIFICATE OF ANALYSIS WH12219177**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M354326		63	6.4	11.6	68	18.9
M354327		63	8.3	12.6	64	20.9
M354328		63	5.8	11.2	65	19.3
M354329		61	14.5	8.9	265	14.4
M354330		56	5.1	10.4	2920	35.6
M354331		65	6.5	10.5	67	19.0
M354332		59	9.4	10.6	68	18.1
M354333		65	14.6	8.4	133	17.9
M354334		61	7.8	10.1	52	18.4
M354335		60	7.9	10.7	48	19.5
M354336		61	6.3	12.5	55	20.3
M354337		59	8.1	10.7	46	17.9
M354338		60	8.1	11.3	68	17.2
M354339		2	0.1	0.7	16	<0.5
M354340		67	10.7	10.6	40	19.1
M354341		64	7.4	11.7	59	18.5
M354342		64	8.6	13.4	43	20.1
M354343		65	7.3	13.0	76	18.7
M354344		62	6.3	11.8	58	19.5
M354345		65	6.5	11.6	62	19.0
M354346		62	6.6	11.6	61	19.1
M354347		63	7.1	11.4	109	21.2
M354348		58	9.0	11.8	87	19.6
M354349		61	7.2	11.7	58	19.6
M354350		61	8.5	12.7	46	21.3
M354351		58	5.3	10.7	3060	37.1
M354352		62	8.1	11.5	59	20.0
M354353		64	7.5	11.6	44	20.0
M354354		60	10.1	11.3	331	20.7
M354355		61	8.5	10.2	93	19.8
M354356		57	10.3	8.0	527	18.9
M354357		60	8.8	8.9	110	21.0
M354358		57	7.4	8.7	128	17.6
M354359		2	0.1	0.7	17	0.5
M354360		62	9.9	9.8	76	21.0
M354361		61	9.8	10.0	49	20.3



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**CERTIFICATE OF ANALYSIS WH12219177**

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



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**CERTIFICATE WH12219178**

Project: Klaza-128

P.O. No.: Batch 8

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219178**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354398		7.71	0.017	0.73	7.39	21.6	780	1.47	1.54	2.08	0.39	47.9	10.3	7	10.45	369
M354399		4.03	0.012	0.32	7.55	14.4	470	1.41	0.97	1.68	0.31	37.2	8.8	8	9.08	139.0
M354400		0.26	2.21	25.2	5.81	3250	690	1.21	18.85	2.21	76.9	44.4	9.8	18	13.45	425
M354401		5.38	0.014	0.30	6.78	24.4	440	1.31	0.80	1.49	1.02	36.5	9.5	8	7.77	114.5
M354402		5.30	0.019	0.23	5.85	12.2	670	0.95	0.42	0.48	0.58	30.3	7.9	11	4.04	35.9
M354403		2.94	0.033	0.44	5.73	31.4	600	1.18	0.42	0.71	1.23	32.7	6.7	9	5.47	86.6
M354404		2.97	0.115	6.92	5.77	157.5	290	0.88	10.90	1.08	4.23	31.8	12.2	8	4.37	335
M354405		2.47	<0.005	0.04	0.08	<5	20	0.05	0.05	21.1	0.07	1.33	1.3	<1	0.33	2.4
M354406		3.60	0.022	0.51	6.60	35.7	620	0.84	0.72	1.04	1.12	55.2	7.1	9	5.06	89.6
M354407		8.54	0.020	0.26	5.74	20.1	560	1.09	0.51	0.77	1.29	40.7	23.1	11	6.52	57.5
M354408		7.56	0.021	0.52	7.17	40.2	630	1.43	0.68	2.20	0.31	51.0	8.2	7	14.50	260
M354409		<0.02	0.021	0.53	7.55	42.8	590	1.48	0.67	2.28	0.31	56.4	8.3	7	15.25	266
M354410		7.15	0.022	0.58	6.75	11.2	1050	1.41	0.64	3.07	0.27	50.0	7.6	7	10.35	328
M354411		8.04	0.019	0.64	6.79	7.6	330	1.63	0.89	2.90	0.29	45.7	7.7	6	11.75	316
M354412		7.81	0.018	0.69	7.52	23.0	350	1.68	2.87	2.26	0.28	40.4	9.0	8	13.05	285
M354413		3.23	0.105	2.47	6.20	326	120	1.10	10.50	1.17	4.39	40.1	15.1	7	10.55	562
M354414		3.13	<0.005	0.02	0.14	<5	30	0.05	0.06	20.7	0.07	1.41	1.6	2	0.66	4.2
M354415		6.06	0.013	0.55	7.15	13.4	390	1.31	0.97	2.37	0.33	55.9	6.3	8	12.60	267
M354416		7.78	0.018	0.49	7.09	12.3	380	1.31	1.31	2.67	0.22	53.4	7.7	8	12.90	289
M354417		8.27	0.022	0.82	6.70	21.2	240	1.15	2.25	2.21	0.36	51.0	10.9	9	11.40	667





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Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12219178**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
M354398		3.88	15.10	0.16	0.9	0.099	3.51	22.7	14.8	0.81	213	10.90	0.28	5.3	3.1	570
M354399		3.70	15.05	0.15	0.7	0.042	3.18	17.5	22.1	0.66	127	2.85	0.07	4.5	2.6	560
M354400		6.49	13.80	0.19	1.0	1.650	2.54	23.2	20.9	0.90	1860	13.35	0.04	6.2	14.7	430
M354401		3.19	15.20	0.14	0.7	0.038	2.98	17.2	16.2	0.56	121	20.4	0.08	3.9	2.6	440
M354402		1.80	14.20	0.09	0.7	0.049	2.83	15.8	10.8	0.29	105	22.2	0.08	3.4	2.2	410
M354403		1.99	13.25	0.10	0.7	0.091	2.83	17.8	11.6	0.45	493	15.20	0.06	3.3	2.5	410
M354404		7.77	12.75	0.22	0.6	0.261	2.76	16.8	11.5	0.66	903	14.80	0.06	2.6	3.1	420
M354405		0.49	0.33	0.07	<0.1	0.005	0.04	0.6	0.9	12.55	222	0.18	<0.01	0.3	2.9	150
M354406		3.04	14.50	0.13	0.7	0.072	3.10	31.0	11.3	0.41	312	7.06	0.08	3.1	2.8	470
M354407		2.87	12.15	0.11	0.6	0.071	2.73	22.3	13.6	0.42	205	24.0	0.06	2.7	2.9	400
M354408		3.14	15.45	0.14	0.8	0.083	2.90	25.7	18.2	0.80	307	11.95	0.05	5.3	2.4	560
M354409		3.36	16.05	0.15	0.8	0.090	3.01	28.9	19.5	0.85	317	12.10	0.05	5.4	2.8	560
M354410		2.49	15.90	0.13	0.9	0.097	2.90	24.3	19.7	0.81	280	8.93	0.08	6.7	2.6	560
M354411		2.83	15.00	0.15	1.0	0.092	2.93	21.1	17.3	0.78	232	5.76	0.60	6.7	3.3	540
M354412		3.77	15.70	0.15	0.9	0.115	3.66	20.2	13.1	0.93	304	3.19	0.14	6.5	2.8	570
M354413		9.36	12.80	0.26	0.6	0.315	2.94	19.5	8.6	0.62	494	5.25	0.04	3.7	2.3	480
M354414		0.49	0.45	0.05	<0.1	0.005	0.07	0.6	1.3	12.25	223	0.17	0.01	0.3	3.8	190
M354415		2.94	15.20	0.13	0.8	0.088	3.40	27.9	10.6	0.83	223	3.86	0.75	6.5	2.6	540
M354416		3.07	16.25	0.14	0.7	0.102	2.96	26.6	16.7	0.87	226	4.36	0.81	6.4	2.7	550
M354417		5.43	14.15	0.18	0.7	0.183	2.94	24.0	14.3	0.81	179	4.26	0.52	5.3	2.4	490



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Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12219178**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M354398		22.8	149.0	0.005	3.85	9.88	11.0	5	6.6	130.5	0.45	0.24	12.4	0.165	1.76	6.4
M354399		17.2	132.5	<0.002	3.85	6.85	11.1	5	5.7	68.2	0.36	0.14	13.6	0.153	1.48	5.9
M354400		2810	158.5	<0.002	4.67	87.2	7.7	2	7.7	87.8	0.47	0.39	9.6	0.173	2.17	5.0
M354401		34.0	126.5	0.009	3.18	12.95	9.5	3	5.9	67.4	0.31	0.12	11.8	0.130	1.29	7.4
M354402		28.2	135.0	0.009	1.61	6.97	8.1	2	5.3	15.7	0.29	0.06	10.1	0.106	1.27	3.3
M354403		51.6	142.0	0.003	1.78	17.40	8.2	2	5.5	25.0	0.27	0.06	10.6	0.108	1.64	2.9
M354404		249	134.0	0.003	8.55	103.5	7.7	8	13.6	22.2	0.20	0.51	8.3	0.095	1.53	3.1
M354405		2.1	2.6	<0.002	0.02	0.39	0.4	1	<0.2	42.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M354406		87.5	145.5	0.002	2.83	15.95	8.3	3	7.1	33.3	0.25	0.06	11.9	0.106	1.50	3.9
M354407		44.6	126.0	0.005	2.73	6.67	7.5	2	7.4	25.4	0.21	0.07	10.3	0.097	1.47	2.4
M354408		21.6	130.5	0.004	2.82	18.45	10.0	4	5.5	70.7	0.43	0.09	12.8	0.164	1.89	3.3
M354409		22.9	139.5	0.003	2.97	19.65	10.4	4	5.5	73.9	0.43	0.10	13.8	0.169	1.92	3.4
M354410		21.0	91.4	0.004	2.03	10.15	9.9	3	6.2	111.0	0.53	0.07	11.8	0.189	1.52	2.7
M354411		23.4	97.4	<0.002	2.50	8.47	10.3	4	6.6	228	0.55	0.07	10.7	0.183	1.48	5.8
M354412		22.6	136.0	<0.002	3.40	10.70	10.5	5	8.2	94.7	0.57	0.58	11.5	0.199	2.00	4.3
M354413		214	140.0	<0.002	>10.0	34.5	8.4	12	9.6	36.6	0.29	0.65	8.9	0.132	2.10	2.8
M354414		2.0	4.7	<0.002	0.02	0.26	0.6	1	<0.2	46.7	<0.05	<0.05	0.2	0.006	0.03	1.3
M354415		23.7	132.5	<0.002	2.51	8.98	9.9	3	6.3	270	0.49	0.12	12.2	0.202	1.73	4.2
M354416		18.5	114.0	<0.002	2.62	4.63	10.1	4	7.2	282	0.48	0.19	11.2	0.198	1.56	4.3
M354417		24.1	112.0	<0.002	5.43	4.01	9.4	5	9.2	554	0.40	0.26	9.8	0.170	1.39	3.7



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# CERTIFICATE OF ANALYSIS WH12219178

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

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



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**CERTIFICATE OF ANALYSIS WH12219178**

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



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**CERTIFICATE WH12219179**

Project: Klaza-129

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219179**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M357908		6.38	<0.005	0.14	7.31	11.3	2120	1.49	0.11	2.77	0.15	46.0	8.6	13	7.89	10.8
M357909		6.73	0.063	0.33	7.63	134.5	2270	1.55	5.03	2.77	1.24	47.7	6.7	25	7.67	10.0
M357910		2.62	0.093	2.01	7.37	213	2220	1.45	3.04	2.82	12.10	52.4	13.5	18	12.60	11.6
M357911		3.88	<0.005	0.01	0.09	<5	30	<0.05	0.03	21.0	0.08	1.47	1.3	<1	0.23	1.2
M357912		2.31	<0.005	0.20	7.38	9.2	2090	1.69	0.31	2.54	0.68	42.8	5.3	15	14.40	4.2
M357913		2.80	0.348	3.19	7.60	1065	1550	1.51	1.71	2.59	6.60	46.8	8.0	17	13.70	53.7
M357914		2.91	0.013	0.82	7.14	73.9	1950	1.53	0.64	2.71	0.37	40.8	8.5	17	9.33	51.9
M357915		2.47	0.093	4.08	7.53	199.0	1580	1.76	0.54	2.14	23.9	48.0	8.1	13	13.55	60.0
M357916		7.57	0.077	2.39	7.58	168.0	2040	1.52	0.91	2.39	13.30	48.7	12.1	17	8.29	86.4
M357917		0.26	2.20	24.9	5.94	2860	1370	1.38	21.2	2.18	80.1	46.2	11.1	19	15.50	444
M357918		2.70	0.104	1.90	7.43	175.0	1320	1.35	3.22	1.74	1.80	58.7	31.1	18	9.29	45.9
M357919		5.62	0.149	4.72	7.92	148.5	1260	1.67	6.39	1.49	11.50	54.2	23.2	16	9.78	107.5
M357920		2.72	0.839	12.05	6.05	933	4510	1.05	9.75	0.84	5.13	40.5	15.4	11	5.90	78.3
M357921		5.02	0.040	3.19	7.41	68.2	1870	1.56	5.07	2.20	4.82	46.9	8.7	22	11.30	67.4
M357922		3.33	<0.005	0.19	7.37	10.2	2030	1.67	0.34	2.51	0.49	48.5	5.4	20	8.43	4.2
M357923		2.32	0.043	0.39	6.94	53.1	1690	1.57	0.43	3.40	2.91	44.7	5.0	15	18.35	8.7
M357924		4.20	0.006	0.35	7.40	15.6	2110	1.63	0.86	2.50	0.84	52.3	8.3	15	6.65	25.0
M357925		2.05	0.005	0.27	7.25	14.5	2090	1.59	0.38	2.43	0.80	44.9	7.8	21	6.48	21.3
M357926		5.12	<0.005	0.14	7.48	8.5	2140	1.60	0.27	2.66	0.57	45.5	6.7	15	10.05	6.3
M357927		2.41	0.007	0.09	6.76	10.3	1980	1.66	0.22	3.16	0.19	36.2	6.9	21	15.75	8.6
M357928		3.99	<0.005	0.13	7.00	6.4	2120	1.59	0.37	2.70	0.62	43.8	6.5	16	10.85	8.0
M357929		2.08	0.054	1.17	7.03	74.7	2120	1.42	2.33	2.30	1.78	43.2	9.3	17	11.25	28.6
M357930		0.26	0.812	9.71	6.77	1810	490	1.36	6.23	1.85	42.6	44.6	16.3	19	17.45	106.0
M357931		4.38	0.012	0.30	7.18	17.0	1880	1.55	0.55	2.64	0.61	53.0	5.5	14	10.45	7.4
M357932		2.58	0.199	5.27	6.79	183.5	1260	1.42	1.23	3.86	31.7	46.8	9.4	11	19.45	27.5
M357933		2.69	0.016	0.54	7.00	27.1	1780	1.71	0.63	2.69	0.78	47.2	5.8	15	11.05	7.3
M357934		6.03	0.005	0.13	7.15	7.4	2010	1.49	0.68	2.83	0.14	49.8	6.8	16	7.14	9.1
M357935		7.67	0.005	0.19	7.35	4.4	2200	1.50	1.47	2.75	0.11	48.3	6.6	15	5.39	12.6
M357936		<0.02	<0.005	0.23	7.57	4.9	2270	1.56	1.70	2.82	0.13	54.6	6.8	15	5.69	13.1
M357937		6.30	<0.005	0.17	7.66	4.8	2240	1.60	1.51	2.70	0.10	55.5	7.7	19	4.36	18.2
M357938		6.34	0.012	0.24	7.87	8.9	2260	1.56	1.91	2.91	0.15	52.2	8.4	17	5.50	27.9
M357939		4.04	0.034	0.15	7.80	7.4	2370	1.40	1.15	2.80	0.13	45.3	4.9	14	4.92	7.4
M357940		2.59	0.022	0.53	7.50	24.1	1880	1.69	5.17	2.87	0.50	50.8	5.9	18	8.98	28.7
M357941		2.54	0.188	5.69	7.17	203	120	1.45	7.46	0.63	53.4	55.3	11.5	12	7.13	26.9
M357942		1.97	<0.005	0.04	0.07	<5	30	0.07	0.04	20.6	0.17	1.31	0.6	<1	0.18	2.1
M357943		5.19	0.007	0.34	7.55	13.5	2090	1.54	0.58	2.62	0.35	49.1	6.0	15	6.58	4.3



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**CERTIFICATE OF ANALYSIS WH12219179**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357908		2.97	17.55	0.22	1.0	0.049	2.38	23.2	16.9	0.84	669	1.66	2.10	8.2	2.9	600
M357909		3.11	18.25	0.22	1.1	0.111	2.66	24.3	13.4	0.83	741	2.73	1.87	8.0	2.9	620
M357910		4.21	16.55	0.22	0.8	0.620	3.15	29.0	10.7	1.08	2360	8.83	0.21	6.4	3.0	570
M357911		0.49	0.42	0.29	<0.1	0.005	0.03	0.7	1.2	12.75	219	1.58	0.01	0.3	1.6	180
M357912		3.10	17.90	0.20	1.1	0.074	2.78	21.1	30.9	0.77	746	1.80	1.20	8.5	2.7	610
M357913		4.41	17.70	0.21	0.9	0.279	3.19	25.2	17.7	0.94	1450	1.93	0.78	7.5	2.9	570
M357914		2.84	17.60	0.24	0.9	0.124	2.97	20.3	15.9	0.79	1520	2.03	1.57	7.7	2.8	600
M357915		2.80	17.65	0.24	1.1	0.351	3.81	25.6	21.0	0.75	1460	2.02	0.89	7.8	2.3	540
M357916		3.12	17.55	0.26	0.9	0.739	2.96	27.1	16.8	0.81	870	1.76	1.56	7.7	2.7	580
M357917		6.73	15.35	0.22	0.9	1.870	2.56	25.4	26.0	0.90	1920	12.10	0.04	6.0	16.2	440
M357918		5.21	18.30	0.24	0.7	0.744	3.38	33.1	17.9	0.87	1930	2.54	0.27	7.0	3.4	600
M357919		4.84	18.75	0.26	0.8	1.230	3.50	30.0	24.0	0.68	2550	6.82	0.33	7.9	3.2	620
M357920		6.51	15.00	0.23	0.6	0.991	2.88	21.2	7.8	0.49	3160	10.25	0.03	4.8	2.6	450
M357921		3.64	17.15	0.24	1.0	0.651	3.27	24.8	16.2	0.79	2600	2.48	0.58	7.1	2.7	570
M357922		2.94	17.25	0.26	1.1	0.099	2.65	25.7	16.2	0.79	619	2.67	2.02	8.0	2.7	580
M357923		2.98	16.60	0.24	1.0	0.126	2.78	22.9	19.8	1.00	2070	3.01	0.93	7.7	2.5	550
M357924		2.89	17.35	0.26	1.1	0.087	2.68	27.8	16.0	0.81	747	9.52	1.97	8.3	2.9	590
M357925		2.83	16.75	0.26	1.0	0.081	2.61	22.8	13.7	0.81	729	5.80	1.96	7.8	2.9	580
M357926		2.86	17.25	0.26	1.1	0.058	2.73	22.7	21.8	0.74	626	2.58	2.08	8.1	2.8	580
M357927		2.69	15.90	0.06	1.3	0.046	2.61	16.5	39.7	0.80	794	2.33	1.70	7.8	3.1	550
M357928		2.84	16.10	0.10	1.3	0.076	2.72	19.7	16.9	0.71	741	1.78	1.84	7.7	2.7	570
M357929		3.66	16.50	0.15	0.9	0.341	2.99	22.9	14.4	0.71	1610	2.20	0.97	7.6	3.0	580
M357930		5.15	16.15	0.20	1.3	1.005	2.83	24.6	22.4	0.69	1990	12.70	0.27	7.6	15.6	510
M357931		3.34	16.00	0.09	0.9	0.137	2.95	25.6	13.4	0.85	1400	1.51	1.31	7.4	2.8	590
M357932		4.19	15.65	0.17	0.8	1.730	2.86	27.8	9.0	1.21	9820	4.57	0.03	6.6	3.2	530
M357933		3.20	16.70	0.09	1.1	0.113	2.71	21.6	14.3	0.85	1380	1.59	1.57	7.8	2.9	580
M357934		2.85	15.50	0.10	1.1	0.049	2.74	24.1	12.9	0.82	725	1.95	1.99	7.4	2.7	590
M357935		2.81	15.60	0.09	1.1	0.056	2.72	24.0	13.8	0.88	626	2.18	2.08	7.1	2.7	570
M357936		2.93	16.70	0.07	1.1	0.065	2.77	26.2	14.4	0.90	650	1.54	2.16	7.7	2.9	600
M357937		2.99	16.70	0.09	1.1	0.055	2.63	27.8	12.4	0.93	616	1.60	2.23	7.9	3.0	610
M357938		3.18	17.20	0.10	0.9	0.078	2.59	24.9	13.0	0.97	798	2.10	2.23	7.7	3.2	630
M357939		3.18	16.05	0.10	1.0	0.114	2.49	22.3	13.3	0.98	749	2.09	2.16	7.3	2.7	630
M357940		3.60	16.55	0.09	1.1	0.434	3.22	25.6	9.3	0.84	1700	1.72	0.94	6.9	2.7	580
M357941		6.23	18.60	0.11	1.1	3.35	3.48	26.3	5.3	0.46	2610	1.96	0.04	6.3	2.9	540
M357942		0.49	0.24	<0.05	<0.1	0.007	0.03	0.6	1.1	12.80	228	0.18	<0.01	0.2	1.1	210
M357943		3.29	16.35	0.10	1.3	0.134	2.92	24.0	10.1	0.88	942	1.84	1.84	7.3	2.8	600



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**CERTIFICATE OF ANALYSIS WH12219179**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M357908		22.0	99.8	<0.002	0.04	2.23	11.6	1	1.8	387	0.70	<0.05	11.8	0.246	0.99	3.8
M357909		43.2	118.5	<0.002	0.16	7.17	12.1	1	2.4	362	0.67	2.29	11.8	0.254	1.37	3.9
M357910		231	198.0	<0.002	1.27	7.85	11.3	2	3.4	112.5	0.55	0.59	12.1	0.213	2.41	4.9
M357911		1.5	1.8	<0.002	<0.01	0.05	0.3	1	<0.2	53.0	<0.05	<0.05	<0.2	<0.005	0.02	0.8
M357912		17.2	107.0	<0.002	0.05	3.71	11.2	1	2.1	289	0.79	0.05	10.8	0.253	1.47	4.0
M357913		468	183.5	<0.002	1.72	15.60	11.4	1	4.7	231	0.62	0.19	10.3	0.233	2.21	4.2
M357914		23.6	134.5	<0.002	0.26	4.55	11.4	1	2.5	319	0.64	0.10	12.9	0.243	1.64	3.1
M357915		694	208	<0.002	0.82	8.89	10.8	1	3.9	202	0.83	0.07	14.5	0.227	2.47	4.7
M357916		257	145.5	<0.002	0.63	3.91	11.4	2	3.5	318	0.62	0.22	12.7	0.236	1.69	3.6
M357917		2860	166.0	<0.002	4.63	95.8	8.3	2	8.7	94.1	0.50	0.40	9.9	0.175	2.32	4.7
M357918		75.5	219	<0.002	1.92	5.29	12.2	1	4.5	121.5	0.58	0.56	11.5	0.237	2.71	4.4
M357919		192.0	217	<0.002	1.98	9.92	12.6	2	4.7	101.0	0.70	0.68	12.4	0.252	2.84	4.0
M357920		348	194.0	<0.002	5.14	22.9	9.0	2	6.0	71.6	0.40	1.10	8.7	0.161	2.40	2.5
M357921		164.5	206	<0.002	0.67	13.15	11.2	1	3.0	129.5	0.63	0.16	15.2	0.217	2.86	4.8
M357922		18.0	112.5	<0.002	0.10	2.46	11.3	2	2.0	354	0.77	<0.05	15.8	0.227	1.20	4.4
M357923		30.5	118.5	<0.002	0.53	6.00	10.2	1	1.9	246	0.73	<0.05	13.3	0.229	2.09	3.9
M357924		18.2	111.5	<0.002	0.21	2.27	11.8	2	2.0	355	0.74	0.29	14.3	0.242	1.30	4.2
M357925		16.8	106.0	<0.002	0.19	2.06	11.4	1	1.9	349	0.68	0.05	12.1	0.237	1.28	3.9
M357926		19.2	107.5	<0.002	0.07	1.90	11.1	1	1.8	375	0.71	0.08	12.3	0.242	1.12	3.7
M357927		18.4	90.4	0.004	0.08	2.46	10.0	2	1.7	340	0.66	<0.05	11.2	0.252	1.32	3.7
M357928		19.6	98.1	0.002	0.06	2.47	10.2	<1	1.7	342	0.72	<0.05	13.7	0.264	1.31	4.2
M357929		73.6	156.0	<0.002	0.93	5.06	10.2	1	2.7	237	0.63	0.34	12.9	0.250	2.31	4.1
M357930		1375	168.5	<0.002	3.13	35.8	8.5	1	6.3	156.0	0.65	0.32	12.8	0.215	2.52	5.4
M357931		19.7	119.0	0.003	0.23	3.25	11.3	1	2.3	292	0.59	<0.05	13.3	0.267	1.83	3.4
M357932		1070	177.0	<0.002	1.91	9.98	9.6	1	5.1	122.5	0.57	0.22	13.9	0.230	3.11	5.1
M357933		34.6	100.0	0.004	0.34	3.73	11.1	1	2.0	310	0.68	<0.05	13.3	0.266	1.77	3.3
M357934		18.6	99.7	0.006	0.06	1.37	10.5	<1	1.9	353	0.65	0.13	14.4	0.260	1.36	3.8
M357935		20.8	95.5	0.003	0.04	1.10	10.8	<1	2.2	377	0.64	0.57	13.6	0.255	1.23	4.8
M357936		20.4	99.4	<0.002	0.04	1.14	11.4	1	2.3	389	0.64	0.52	14.3	0.270	1.22	4.7
M357937		16.4	97.8	0.004	0.01	0.83	11.6	1	2.6	403	0.63	0.57	14.4	0.274	1.11	4.4
M357938		17.1	100.5	0.002	0.14	1.50	12.4	2	3.1	416	0.62	0.66	13.5	0.287	1.31	4.1
M357939		16.9	78.5	0.002	0.05	1.55	11.2	1	3.1	437	0.60	0.18	12.3	0.285	1.25	3.3
M357940		42.7	175.0	0.004	0.75	3.25	10.9	1	2.7	216	0.61	0.10	13.8	0.257	2.68	4.9
M357941		285	219	0.004	5.30	6.21	11.8	2	7.8	31.0	0.54	0.51	12.2	0.241	3.48	4.0
M357942		1.9	2.0	0.005	0.01	<0.05	0.3	<1	0.2	46.2	<0.05	<0.05	<0.2	<0.005	0.03	0.7
M357943		36.8	117.5	0.004	0.25	2.54	11.3	<1	2.0	326	0.64	<0.05	13.7	0.269	1.60	4.0





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**CERTIFICATE OF ANALYSIS WH12219179**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M357908		71	1.9	17.4	49	23.8
M357909		76	3.1	16.4	137	26.4
M357910		75	3.6	13.4	979	21.1
M357911		3	0.1	0.9	18	<0.5
M357912		74	3.0	16.0	108	24.0
M357913		69	3.8	15.3	434	22.0
M357914		70	3.1	14.8	72	22.2
M357915		65	3.7	13.9	1060	25.8
M357916		67	1.6	15.5	891	24.0
M357917		55	5.7	10.4	5420	25.6
M357918		76	10.5	13.6	286	18.8
M357919		76	3.9	13.3	1290	19.3
M357920		56	6.0	7.3	474	14.9
M357921		68	3.0	13.4	460	25.8
M357922		67	1.7	16.8	93	27.8
M357923		66	3.6	15.3	359	24.2
M357924		70	1.9	17.8	139	26.0
M357925		69	2.0	16.8	132	24.0
M357926		69	2.1	16.3	100	27.1
M357927		68	2.1	14.3	56	30.7
M357928		69	1.8	14.7	107	29.9
M357929		71	2.4	13.8	239	21.4
M357930		58	5.4	12.0	2960	36.8
M357931		74	1.8	15.8	118	24.2
M357932		64	6.3	14.3	2680	21.0
M357933		78	1.8	15.1	121	25.6
M357934		73	1.8	16.1	54	29.3
M357935		70	1.8	15.7	46	25.3
M357936		74	1.8	16.7	50	25.2
M357937		74	0.9	17.9	46	28.1
M357938		79	0.9	17.9	55	23.4
M357939		78	0.9	16.1	64	23.5
M357940		73	2.0	15.4	86	24.2
M357941		78	6.9	9.5	3540	26.7
M357942		2	0.1	0.8	17	<0.5
M357943		75	1.6	16.4	73	32.1



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**CERTIFICATE OF ANALYSIS WH12219179**

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



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**CERTIFICATE WH12219210**

Project: Klaza-129

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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VANCOUVER BC V6B 1L8

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Account: ROCKHA

Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12219210**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M357944		7.54	<0.005	0.08	7.68	4.9	2260	1.66	0.09	2.89	0.16	47.0	7.2	12	5.31	5.8
M357945		7.93	<0.005	0.07	7.49	4.9	2110	1.49	0.12	2.80	0.15	44.2	7.7	14	6.85	4.2
M357946		5.49	<0.005	0.06	7.34	5.8	2130	1.47	0.14	2.65	0.10	46.8	6.9	10	7.00	5.0
M357947		2.76	<0.005	0.12	7.48	8.8	2280	1.50	0.40	2.76	0.26	46.7	7.0	9	10.30	7.4
M357948		0.26	2.23	25.0	5.99	2850	1070	1.43	20.3	2.22	80.7	43.0	10.6	17	14.30	450
M357949		2.45	0.077	0.96	7.77	44.8	2080	1.49	2.58	2.16	0.28	49.5	14.5	8	11.90	8.7
M357950		2.61	0.127	1.90	6.82	140.0	680	1.45	2.30	2.21	12.00	45.9	9.3	5	12.90	14.1
M357951		2.89	0.156	1.77	7.40	195.0	730	1.62	2.44	1.92	6.50	48.6	8.9	7	14.60	18.8
M357952		1.74	<0.005	0.02	0.08	<5	20	0.06	0.01	20.9	0.09	1.25	0.6	<1	0.20	2.1
M357953		2.26	0.008	0.16	7.06	10.8	2130	1.52	0.51	3.07	0.17	42.6	8.9	8	7.99	6.7
M357954		5.05	<0.005	0.09	7.44	4.0	2170	1.53	0.11	2.77	0.12	45.9	7.1	10	5.33	4.9
M357955		8.06	0.005	0.53	7.28	5.8	1970	1.49	0.85	2.53	0.47	45.4	6.3	10	5.31	7.4
M357956		7.10	<0.005	0.18	7.36	9.3	2270	1.57	0.46	2.72	0.18	46.5	8.3	9	5.70	11.9
M357957		2.28	0.037	0.35	7.33	19.8	2030	1.49	1.02	2.62	0.17	47.5	9.8	8	12.70	13.7
M357958		0.26	2.30	25.2	5.87	2750	1050	1.36	19.60	2.19	80.0	42.8	10.7	17	14.35	447
M357959		2.74	0.032	0.64	6.75	20.2	1890	1.32	1.52	2.48	0.37	41.2	9.3	7	11.05	8.4
M357960		4.14	<0.005	0.13	7.04	5.9	1870	1.56	0.18	2.44	0.26	45.2	5.2	9	6.57	5.6
M357961		2.54	0.151	11.85	6.96	147.5	750	1.68	18.25	2.14	3.94	54.2	12.5	8	9.32	691
M357962		3.28	<0.005	0.08	0.07	<5	30	0.05	0.04	19.40	0.08	1.19	0.6	<1	0.14	4.2
M357963		7.47	<0.005	0.12	7.02	4.2	2360	1.42	0.23	2.99	0.25	45.5	7.9	10	6.62	6.7
M357964		3.79	<0.005	0.15	7.11	8.8	2090	1.36	0.35	3.03	0.12	41.7	8.1	10	11.55	10.3
M357965		3.86	0.009	0.31	7.00	20.8	2080	1.44	0.89	2.95	0.17	41.9	9.9	8	12.90	13.7
M357966		3.16	0.005	0.10	7.42	9.7	2130	1.49	0.41	2.86	0.09	45.8	8.5	10	8.75	5.2
M357967		2.40	0.005	0.27	6.86	11.0	1910	1.45	0.67	2.48	0.22	42.2	9.7	9	13.00	9.9
M357968		2.33	0.014	0.27	6.41	21.5	1650	1.26	1.03	2.97	0.26	35.9	16.5	8	7.71	7.1
M357969		<0.02	0.011	0.30	6.84	21.4	1860	1.46	1.07	3.16	0.28	40.4	16.8	9	8.35	9.0
M357970		2.56	<0.005	0.20	6.70	9.8	1920	1.43	0.84	2.69	0.16	41.2	8.5	10	9.20	8.4
M357971		4.19	0.011	0.31	6.76	28.9	1500	1.44	1.27	2.70	0.28	44.2	14.5	8	13.45	15.4
M357972		2.48	0.152	0.77	6.47	66.8	1490	1.13	4.29	2.39	0.31	17.20	46.8	7	4.80	5.4
M357973		2.28	0.083	1.40	7.10	75.8	1880	1.41	13.25	2.55	0.39	47.0	10.9	9	11.15	68.4
M357974		2.67	0.231	60.0	7.50	465	1250	1.33	2.80	2.74	4.86	43.0	8.0	9	15.20	1000
M357975		3.88	0.005	0.43	7.13	13.2	2460	1.48	0.39	2.91	0.35	47.5	8.0	12	8.47	19.4
M357976		2.07	<0.005	0.29	6.86	8.0	2250	1.52	0.31	2.85	0.24	44.0	7.4	10	7.78	15.3
M357977		2.79	<0.005	0.41	6.71	25.7	1460	1.67	0.38	2.88	0.62	45.4	5.2	8	18.15	16.7
M357978		2.71	0.540	1.32	6.60	396	1780	1.50	0.68	2.58	7.62	44.3	6.0	10	8.93	21.7
M357979		3.38	<0.005	0.29	7.14	3.6	2010	1.63	1.39	2.70	0.19	53.1	7.3	12	5.63	9.4



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Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12219210**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357944		3.25	17.25	0.12	1.2	0.051	2.70	23.0	12.7	0.94	673	1.25	2.32	8.2	3.2	630
M357945		3.15	16.85	0.08	1.5	0.049	2.59	21.1	18.0	0.82	626	1.26	1.95	7.5	2.9	630
M357946		3.19	16.20	0.09	1.5	0.065	2.67	21.7	16.7	0.89	652	1.72	2.15	7.3	2.8	630
M357947		3.46	17.05	0.08	1.3	0.120	2.75	22.1	20.5	0.82	838	1.65	1.54	7.6	2.8	630
M357948		6.75	14.20	0.10	1.1	1.645	2.71	23.2	26.2	0.91	1940	12.15	0.04	5.5	16.2	440
M357949		4.41	16.45	0.09	1.4	0.359	3.18	25.7	26.4	0.84	973	1.52	0.75	7.0	3.0	620
M357950		5.78	14.60	0.08	1.3	0.278	3.10	22.2	12.0	0.90	1080	1.76	0.04	6.1	2.6	530
M357951		4.04	16.60	0.09	1.3	0.268	3.36	25.1	15.1	0.80	1360	1.09	0.05	6.8	2.6	590
M357952		0.47	0.24	0.05	<0.1	<0.005	0.03	0.6	1.1	13.20	205	0.11	0.01	0.2	1.2	200
M357953		3.22	15.70	0.07	1.4	0.102	2.69	19.3	20.0	0.81	705	0.82	1.64	7.1	2.6	610
M357954		3.18	16.95	0.10	1.3	0.053	2.54	21.6	13.4	0.90	645	0.90	2.17	7.8	3.0	610
M357955		2.98	15.40	0.07	1.3	0.069	2.75	22.0	14.4	0.83	760	1.04	1.95	7.3	2.6	570
M357956		3.19	16.70	0.12	1.3	0.084	2.85	22.1	16.8	0.88	917	1.04	1.98	7.6	2.8	590
M357957		3.66	16.20	0.10	1.2	0.160	2.52	22.1	21.5	0.93	987	1.11	0.70	6.7	2.9	600
M357958		6.64	14.50	0.09	0.9	1.775	2.67	23.2	25.5	0.89	1900	11.80	0.04	5.6	17.9	430
M357959		3.22	14.85	0.08	1.2	0.156	2.23	19.5	25.0	0.89	835	5.65	0.56	5.7	3.2	490
M357960		2.75	16.05	0.09	1.3	0.046	2.56	22.5	18.3	0.75	598	1.44	1.99	7.3	2.9	540
M357961		3.93	15.05	0.10	1.5	0.697	2.97	29.1	14.9	0.72	975	1.71	1.13	7.1	2.5	440
M357962		0.43	0.22	<0.05	<0.1	<0.005	0.03	0.6	1.0	12.15	188	0.21	0.01	0.1	1.4	170
M357963		3.15	17.35	0.11	1.1	0.047	2.42	20.6	17.3	0.97	661	1.98	2.13	8.3	2.7	640
M357964		3.27	18.00	0.13	0.9	0.062	2.20	18.5	19.1	0.93	703	5.38	1.99	8.3	2.9	650
M357965		3.39	17.80	0.12	1.0	0.096	2.50	18.8	24.4	0.79	781	4.33	0.97	8.2	2.7	640
M357966		3.01	17.40	0.11	1.4	0.101	2.68	21.1	18.2	0.89	726	2.34	1.69	8.4	2.4	570
M357967		2.80	17.30	0.12	1.3	0.056	2.41	19.4	30.8	0.70	653	1.13	0.86	8.1	2.4	570
M357968		3.33	16.35	0.12	1.1	0.181	2.29	16.9	18.9	0.86	797	1.29	1.40	7.0	2.4	500
M357969		3.40	17.70	0.13	1.2	0.182	2.39	18.7	21.0	0.88	854	1.19	1.53	7.5	2.8	580
M357970		3.18	17.00	0.11	1.0	0.128	2.43	18.7	15.2	0.89	761	1.02	1.46	7.8	2.7	600
M357971		3.01	17.40	0.12	1.2	0.124	2.63	21.0	29.8	0.70	775	0.86	0.87	7.6	2.8	550
M357972		4.20	16.10	0.07	1.2	0.614	3.11	8.6	37.3	0.99	1080	5.17	0.08	5.2	2.3	430
M357973		3.35	16.60	0.12	1.3	0.168	2.68	22.5	22.8	0.76	761	1.07	1.17	8.3	2.4	490
M357974		4.01	16.70	0.11	1.0	0.326	3.03	20.2	28.8	0.83	1300	1.27	0.38	7.6	2.6	530
M357975		2.94	18.10	0.13	1.2	0.106	2.94	22.0	15.5	0.81	726	1.01	1.71	8.3	2.6	600
M357976		2.91	18.15	0.12	1.2	0.095	2.82	20.2	15.7	0.79	703	0.93	1.74	8.4	2.3	570
M357977		3.06	17.70	0.13	1.2	0.097	3.20	21.5	13.7	0.97	893	0.75	0.29	7.8	2.6	580
M357978		2.88	16.80	0.14	1.4	0.167	2.83	21.2	18.0	0.79	1060	0.67	1.29	7.7	2.4	510
M357979		2.93	17.70	0.14	1.7	0.051	2.67	25.5	13.7	0.90	672	0.84	2.11	8.4	3.0	520



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M357944		17.6	91.2	0.003	0.03	1.28	12.1	1	1.8	407	0.64	<0.05	12.5	0.289	4.0
M357945		17.0	89.6	0.003	0.03	2.85	11.7	1	1.8	365	0.64	<0.05	11.8	0.288	3.5
M357946		16.9	90.4	0.004	0.03	1.22	11.2	1	1.8	385	0.65	<0.05	12.1	0.288	3.7
M357947		18.3	105.0	0.003	0.15	3.43	11.5	1	2.1	310	0.63	<0.05	11.8	0.284	3.3
M357948		2950	162.0	0.003	4.76	87.3	8.2	<1	7.7	93.3	0.50	0.36	11.6	0.186	5.4
M357949		45.6	166.5	0.003	1.14	4.36	12.2	<1	2.9	196.0	0.63	0.32	13.9	0.278	4.1
M357950		392	177.5	0.002	4.35	9.19	10.5	1	5.3	80.6	0.54	0.52	12.4	0.237	8.1
M357951		198.5	204	<0.002	2.06	6.16	11.4	1	4.8	89.2	0.60	0.16	13.4	0.269	4.5
M357952		2.5	1.6	0.004	0.01	0.05	0.3	1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	0.7
M357953		17.5	95.9	0.004	0.21	2.28	10.6	1	2.2	343	0.63	0.06	10.9	0.276	3.0
M357954		19.6	86.0	0.002	0.04	1.32	11.8	1	1.8	399	0.61	<0.05	12.2	0.284	3.2
M357955		22.3	100.0	0.002	0.10	1.17	10.2	1	1.9	341	0.64	0.36	13.9	0.260	3.6
M357956		20.8	105.5	0.003	0.15	3.33	10.9	<1	2.0	363	0.66	<0.05	12.9	0.275	3.7
M357957		20.1	91.1	<0.002	0.53	5.70	11.2	1	2.0	209	0.56	0.08	12.5	0.257	3.3
M357958		2900	161.0	0.003	4.67	86.0	8.1	1	7.8	88.1	0.47	0.35	10.8	0.184	5.1
M357959		22.9	97.8	0.005	0.90	10.45	9.6	2	1.9	119.5	0.50	0.19	11.8	0.197	3.2
M357960		23.7	97.1	<0.002	0.03	1.65	10.7	1	1.7	343	0.66	<0.05	13.2	0.249	3.5
M357961		142.5	141.5	0.002	2.04	83.9	8.8	1	2.2	180.0	0.84	0.75	20.0	0.207	7.9
M357962		2.8	1.4	0.002	<0.01	0.28	0.2	<1	0.2	46.9	<0.05	<0.05	0.2	<0.005	0.6
M357963		21.0	90.8	<0.002	0.08	1.23	11.9	2	1.6	420	0.63	<0.05	11.2	0.299	4.0
M357964		15.5	91.9	0.002	0.18	2.39	12.5	1	1.9	428	0.58	0.05	8.8	0.290	3.1
M357965		20.6	95.1	0.002	0.48	7.19	12.3	1	1.9	259	0.60	0.08	9.9	0.304	3.1
M357966		15.7	102.5	<0.002	0.18	2.02	11.1	1	1.8	331	0.77	0.07	13.0	0.268	4.5
M357967		21.7	100.0	<0.002	0.32	8.00	11.0	1	1.7	214	0.68	0.09	11.7	0.255	3.3
M357968		18.6	99.1	<0.002	0.69	2.52	10.6	1	1.7	287	0.54	0.18	10.4	0.241	3.2
M357969		21.9	105.5	<0.002	0.68	2.69	11.6	1	1.7	325	0.60	0.18	11.7	0.255	3.7
M357970		18.4	96.9	<0.002	0.23	3.39	11.8	1	1.9	310	0.55	0.12	9.2	0.293	3.0
M357971		18.0	124.5	<0.002	0.53	4.53	11.0	1	1.8	230	0.64	0.11	12.3	0.254	4.9
M357972		23.2	201	<0.002	1.76	2.80	10.5	1	2.4	97.3	0.55	0.71	14.1	0.177	4.0
M357973		40.0	125.5	<0.002	0.80	5.70	10.5	1	2.4	245	0.77	0.15	14.2	0.245	5.8
M357974		360	158.0	<0.002	1.95	114.0	11.1	1	4.8	154.5	0.59	0.08	11.0	0.272	3.8
M357975		23.2	144.0	<0.002	0.15	3.29	12.0	1	1.9	347	0.67	0.05	11.6	0.285	3.9
M357976		19.6	132.0	<0.002	0.12	2.52	11.9	1	1.9	352	0.67	<0.05	11.5	0.288	4.0
M357977		27.9	171.5	<0.002	0.25	13.45	12.4	1	2.2	177.0	0.56	<0.05	9.8	0.285	3.9
M357978		156.5	135.5	<0.002	0.60	8.40	10.6	1	3.6	281	0.65	0.12	12.2	0.248	3.9
M357979		23.4	102.5	<0.002	0.02	1.46	11.6	1	1.5	362	0.73	0.05	14.6	0.264	5.0



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M357944		81	2.0	17.2	51	32.2
M357945		79	1.9	16.5	50	40.1
M357946		80	1.6	15.9	52	39.8
M357947		78	1.6	15.3	70	37.3
M357948		56	5.4	9.6	5350	25.9
M357949		79	2.8	15.1	71	36.2
M357950		64	4.3	11.9	624	31.7
M357951		76	4.1	12.4	353	34.4
M357952		2	0.1	0.8	13	<0.5
M357953		76	2.5	15.2	63	34.3
M357954		78	1.9	16.3	49	35.6
M357955		71	2.1	14.9	93	32.8
M357956		75	1.8	15.6	70	33.3
M357957		74	2.5	14.6	75	30.0
M357958		55	5.0	9.8	5260	26.1
M357959		59	2.6	13.0	75	28.9
M357960		68	1.4	15.6	55	34.9
M357961		54	2.6	13.9	394	35.6
M357962		2	0.1	0.7	14	<0.5
M357963		82	1.6	17.4	70	29.1
M357964		82	1.6	16.6	61	22.8
M357965		84	2.0	16.0	67	28.7
M357966		73	1.5	16.4	52	36.8
M357967		70	2.6	14.9	59	34.8
M357968		72	2.1	13.1	71	30.0
M357969		75	2.3	14.5	76	33.3
M357970		81	1.5	16.0	65	30.0
M357971		72	2.8	14.6	72	33.7
M357972		74	6.5	8.6	58	29.6
M357973		69	3.5	15.3	74	31.3
M357974		75	3.7	13.4	335	26.1
M357975		79	3.0	16.3	71	32.1
M357976		80	2.4	16.2	64	31.9
M357977		79	4.1	15.2	84	36.0
M357978		67	2.1	14.6	447	41.4
M357979		73	0.6	17.9	65	50.1



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Project: Klaza-129

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**CERTIFICATE OF ANALYSIS WH12219210**

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





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**CERTIFICATE WH12219211**

Project: Klaza-129

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12219211**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M357980		5.12	<0.005	0.15	7.16	7.4	1810	1.64	0.22	2.46	0.22	52.8	5.7	9	6.31	9.5
M357981		7.62	0.180	0.19	7.70	188.5	2210	1.46	0.29	2.80	0.30	50.0	6.3	10	6.79	7.1
M357982		5.38	0.019	0.46	7.51	42.4	2010	1.44	1.31	2.31	0.91	50.8	18.2	11	7.17	11.2
M357983		2.39	0.078	3.03	7.15	104.5	820	1.28	13.65	1.46	2.08	52.1	59.7	8	6.27	7.5
M357984		0.23	0.255	>100	5.70	243	610	0.66	5.02	1.39	25.9	21.2	11.5	64	0.92	6030
M357985		2.88	0.030	0.60	7.24	54.0	1820	1.42	1.49	2.49	0.27	54.4	15.2	7	12.25	6.8
M357986		3.14	<0.005	0.24	7.30	16.8	1370	1.29	0.56	2.15	0.12	53.5	16.9	7	10.05	1.2
M357987		3.00	0.076	1.01	5.26	117.0	800	0.90	1.71	1.53	6.67	40.0	44.4	7	5.23	8.0
M357988		2.75	0.030	0.76	7.58	66.2	1480	1.50	1.23	1.95	1.78	55.9	15.5	9	12.95	2.9
M357989		<0.02	0.029	0.59	6.66	56.5	1300	1.42	1.02	1.69	1.37	49.6	14.1	7	11.30	2.6
M357990		4.35	0.009	0.27	7.11	23.3	2240	1.43	0.85	2.51	0.33	43.5	8.7	9	10.40	18.7
M357991		7.10	0.009	0.23	7.29	19.4	1950	1.48	0.48	2.45	0.28	45.3	10.7	9	10.95	10.9
M357992		6.94	0.013	0.33	7.56	24.8	1450	1.52	0.84	2.32	0.42	48.3	8.6	9	12.35	31.4
M357993		2.76	0.079	1.01	5.89	35.5	2620	1.29	1.69	5.41	3.79	45.3	7.8	5	11.65	50.2
M357994		3.07	0.119	0.68	6.58	59.0	1610	1.27	0.90	3.46	1.09	48.2	14.2	5	13.25	60.3
M357995		2.81	<0.005	0.01	0.14	<5	30	0.08	0.02	19.60	0.07	1.49	1.8	<1	0.55	2.8
M357996		4.33	0.015	0.56	7.54	31.0	1920	1.46	0.44	2.15	2.94	50.0	5.6	7	17.65	12.7
M357997		6.99	<0.005	0.13	7.14	8.3	1950	1.42	0.21	2.49	0.14	42.3	7.6	8	16.55	6.0
M357998		3.09	0.017	0.41	7.38	29.3	1710	1.48	0.44	2.20	1.27	42.8	7.2	8	13.75	10.8
M357999		2.54	0.019	1.43	7.19	41.1	1940	1.32	0.73	2.98	24.8	47.4	8.5	7	17.05	38.8
M358000		7.96	0.011	0.29	7.78	22.4	1970	1.51	0.46	2.77	1.23	51.6	9.1	11	9.28	12.7
M356501		0.23	0.264	>100	5.74	230	610	0.64	5.20	1.36	25.9	20.9	11.6	61	0.92	5910
M356502		6.35	<0.005	0.22	7.59	9.3	2140	1.52	0.26	2.77	0.24	50.3	8.5	10	9.83	12.0
M356503		2.56	0.028	3.21	7.50	66.8	1820	1.52	1.98	2.78	19.60	51.5	12.4	8	15.75	52.2
M356504		3.57	<0.005	0.15	7.52	5.2	2180	1.55	0.21	2.84	0.39	46.1	8.0	10	8.54	3.3
M356505		4.42	<0.005	0.18	7.44	10.9	2020	1.60	0.24	2.31	0.99	52.1	6.6	9	8.65	6.9
M356506		2.10	<0.005	0.12	7.28	7.3	2090	1.44	0.20	2.41	0.26	47.5	6.2	9	7.61	4.5
M356507		6.06	0.005	0.41	7.45	25.8	2810	1.48	0.75	2.32	1.30	47.0	9.0	8	10.40	17.1
M356508		3.38	0.049	0.80	7.19	88.7	2170	1.59	2.35	2.49	0.38	47.2	17.1	8	8.52	12.5
M356509		4.57	0.012	0.31	7.51	19.7	2010	1.59	0.99	2.67	0.37	53.8	10.8	13	8.26	16.8
M356510		2.65	0.010	0.39	7.24	20.9	1850	1.36	0.75	2.66	0.91	47.6	9.1	9	11.40	27.3
M356511		5.47	0.020	0.71	7.13	45.1	1350	1.50	5.75	2.24	2.80	56.9	16.6	11	9.72	4.6
M356512		6.60	0.040	1.48	6.24	44.2	2500	1.22	2.03	4.06	0.64	56.2	28.8	6	11.15	6.4
M356513		2.73	<0.005	0.01	0.08	<5	20	0.05	0.03	19.70	0.08	1.47	1.5	<1	0.54	2.2
M356514		2.73	0.037	0.78	6.79	59.8	1680	1.41	1.68	2.76	1.03	52.6	45.0	7	11.55	4.3
M356515		3.54	0.014	0.47	6.83	27.9	2160	1.47	0.90	2.55	1.32	45.4	7.0	7	13.70	9.1



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Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12219211**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M357980		2.60	16.00	0.13	1.9	0.082	2.57	25.5	13.6	0.77	575	0.79	2.02	8.6	1.9	520
M357981		3.17	16.95	0.16	1.4	0.073	2.46	23.9	14.3	0.94	750	1.09	2.00	8.3	2.1	650
M357982		3.78	16.70	0.18	1.4	0.237	2.83	25.1	14.7	0.91	888	0.97	1.25	7.5	3.0	600
M357983		5.08	16.00	0.22	1.3	0.621	3.25	27.5	10.2	0.83	1460	0.72	0.04	6.3	4.0	550
M357984		5.70	11.95	0.18	1.7	0.470	1.10	9.8	13.3	1.14	1700	21.5	1.56	3.4	27.4	460
M357985		3.48	16.70	0.16	1.3	0.459	3.18	28.2	11.0	1.14	1520	2.86	0.05	5.9	1.7	540
M357986		2.98	15.55	0.16	1.2	0.391	3.31	26.8	10.9	0.93	1220	0.43	0.05	5.4	1.7	560
M357987		3.87	11.35	0.15	0.8	0.316	2.31	20.7	18.4	0.69	1120	5.77	0.03	3.3	2.6	390
M357988		3.37	16.45	0.16	1.3	0.413	3.39	29.0	11.3	0.94	1400	7.86	0.04	5.4	1.9	590
M357989		2.92	14.90	0.12	1.2	0.367	2.97	25.9	10.0	0.82	1220	6.90	0.04	4.7	2.1	510
M357990		3.63	16.85	0.15	1.3	0.212	2.70	20.1	23.1	0.83	928	0.94	1.16	7.0	1.8	600
M357991		3.38	16.75	0.16	1.3	0.107	2.41	21.1	23.6	0.83	719	1.08	1.57	7.9	2.3	590
M357992		3.13	18.05	0.16	1.3	0.114	2.21	22.8	38.6	0.79	793	0.87	0.23	7.8	2.0	620
M357993		3.14	13.00	0.14	1.1	0.147	2.16	23.6	27.8	2.11	1440	1.32	0.11	5.6	0.8	450
M357994		3.09	15.10	0.14	1.1	0.151	2.42	25.1	28.1	1.40	965	2.80	0.12	6.1	1.8	510
M357995		0.47	0.43	<0.05	<0.1	0.005	0.06	0.7	2.2	12.35	210	0.11	0.01	0.3	<0.2	180
M357996		3.58	16.70	0.14	1.3	0.143	2.48	24.3	39.9	0.89	1120	1.20	0.20	7.8	1.9	590
M357997		3.00	17.00	0.13	1.4	0.064	2.45	19.0	24.9	0.79	695	1.15	1.28	8.4	2.2	620
M357998		3.32	16.85	0.15	1.2	0.157	2.33	19.9	25.4	0.71	790	2.02	1.04	8.1	2.3	620
M357999		3.31	17.20	0.15	1.1	0.223	2.72	23.1	20.3	1.06	1180	0.69	0.08	7.5	1.9	590
M358000		3.60	17.70	0.17	1.2	0.167	2.45	24.1	18.7	0.96	982	1.96	1.99	8.4	2.7	670
M356501		5.64	12.15	0.17	1.6	0.471	1.08	9.6	12.6	1.12	1660	20.7	1.54	3.4	28.1	460
M356502		2.99	17.25	0.15	1.2	0.068	2.49	23.8	16.3	0.83	627	1.32	2.03	8.4	2.3	620
M356503		4.33	16.35	0.18	1.1	0.799	2.53	25.3	28.8	0.90	1140	1.97	0.73	7.7	2.4	610
M356504		3.25	17.80	0.15	1.5	0.064	2.60	20.8	16.9	0.87	649	1.52	2.08	8.9	2.3	630
M356505		3.12	16.80	0.15	1.6	0.081	2.70	25.0	18.3	0.82	646	1.12	1.86	8.5	2.0	560
M356506		2.93	16.40	0.14	1.5	0.080	2.66	22.4	15.9	0.78	595	1.08	1.98	8.3	1.9	560
M356507		2.99	17.10	0.16	1.2	0.164	3.20	22.5	35.9	0.74	923	8.11	0.27	8.0	2.0	570
M356508		3.65	16.35	0.17	1.3	0.416	2.70	22.6	21.8	0.78	1000	5.04	0.76	6.8	3.1	550
M356509		3.14	17.15	0.16	1.2	0.153	2.05	25.9	25.7	0.94	818	1.04	1.77	7.9	3.5	620
M356510		3.04	17.05	0.17	1.3	0.089	2.33	22.6	19.6	0.83	691	0.88	1.83	8.1	2.4	580
M356511		3.80	15.50	0.17	1.0	0.443	2.99	29.1	18.9	0.90	1560	3.97	0.27	6.2	2.7	560
M356512		3.04	13.05	0.14	0.9	0.240	2.58	30.5	14.9	1.59	1000	10.85	0.06	5.4	2.1	480
M356513		0.47	0.32	<0.05	<0.1	0.007	0.04	0.7	1.2	12.65	214	0.23	0.01	0.2	<0.2	180
M356514		3.99	14.25	0.14	0.9	0.590	2.79	27.4	14.6	1.02	1200	1.43	0.16	4.8	4.4	540
M356515		2.97	15.90	0.12	1.1	0.223	2.30	21.8	41.2	0.81	1100	2.16	0.74	7.5	1.9	550



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Account: ROCKHA

Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12219211**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M357980		20.5	106.5	<0.002	0.07	2.40	10.8	2	2.1	337	0.89	<0.05	17.5	0.231	5.6
M357981		32.4	101.5	<0.002	0.23	3.24	13.3	2	2.0	392	0.68	0.05	12.9	0.272	4.2
M357982		47.2	144.0	<0.002	1.01	2.81	12.7	2	2.6	283	0.64	0.27	13.5	0.245	4.8
M357983		130.0	240	<0.002	3.08	3.64	11.7	2	4.4	56.7	0.55	1.99	15.2	0.202	4.6
M357984		9940	30.8	0.011	2.27	448	13.4	4	2.1	190.5	0.24	1.15	2.5	0.235	1.6
M357985		25.1	232	<0.002	0.92	7.30	11.1	1	3.0	96.0	0.53	0.20	14.9	0.197	8.0
M357986		12.1	267	<0.002	0.64	5.23	11.0	2	2.5	90.5	0.43	0.11	12.7	0.172	4.9
M357987		102.0	195.5	<0.002	2.29	16.40	7.9	2	2.5	54.1	0.27	0.38	9.7	0.123	3.1
M357988		107.5	275	0.002	0.95	9.94	11.6	2	2.9	94.9	0.46	0.16	15.9	0.192	5.5
M357989		79.9	246	<0.002	0.81	8.86	10.4	2	2.5	83.4	0.41	0.14	12.9	0.167	4.3
M357990		21.3	129.5	<0.002	0.42	5.74	12.1	2	2.7	265	0.57	0.12	11.2	0.234	4.2
M357991		27.4	98.4	<0.002	0.39	5.05	12.0	2	2.4	316	0.64	0.08	12.9	0.247	4.0
M357992		20.7	80.9	<0.002	0.33	10.75	12.3	2	2.3	144.0	0.71	0.17	13.5	0.238	4.3
M357993		119.5	130.5	<0.002	0.59	14.50	9.8	2	2.2	224	0.47	0.16	11.6	0.185	4.8
M357994		47.3	141.5	<0.002	0.75	20.8	11.0	2	2.3	167.0	0.50	0.11	12.5	0.198	4.5
M357995		1.4	4.0	<0.002	<0.01	0.17	0.8	2	<0.2	39.9	<0.05	<0.05	<0.2	0.006	0.6
M357996		182.5	110.0	<0.002	0.34	10.55	11.9	2	2.8	156.5	0.68	<0.05	13.0	0.256	3.4
M357997		16.7	84.0	<0.002	0.08	6.32	11.6	2	2.0	306	0.71	<0.05	11.9	0.265	3.2
M357998		45.0	98.4	<0.002	0.35	7.64	12.3	2	2.5	233	0.66	0.05	12.4	0.265	3.3
M357999		372	104.5	<0.002	0.78	10.90	12.1	2	3.8	162.5	0.59	0.09	10.8	0.249	3.9
M358000		47.7	103.0	<0.002	0.35	3.46	13.6	2	2.6	368	0.67	0.06	11.9	0.276	3.6
M356501		9860	30.8	0.010	2.26	451	13.1	4	2.1	189.0	0.22	1.00	2.4	0.236	1.6
M356502		24.1	92.9	<0.002	0.12	3.37	12.3	2	1.8	398	0.69	<0.05	13.2	0.262	4.0
M356503		1020	114.0	<0.002	1.41	17.20	12.5	2	2.9	232	0.62	0.13	13.2	0.258	4.7
M356504		29.8	88.7	<0.002	0.08	2.21	12.1	2	2.1	410	0.79	<0.05	12.0	0.275	5.3
M356505		62.4	109.5	<0.002	0.12	2.62	11.7	2	2.2	346	0.86	<0.05	15.4	0.241	5.5
M356506		26.8	100.5	<0.002	0.08	2.38	11.0	2	2.0	358	0.81	<0.05	13.8	0.237	4.9
M356507		44.6	150.5	<0.002	0.31	16.45	11.3	2	2.3	161.5	0.71	0.08	14.5	0.243	3.9
M356508		20.5	151.5	<0.002	1.02	11.25	11.3	2	2.6	161.0	0.66	0.39	14.7	0.209	4.3
M356509		23.1	98.2	<0.002	0.33	4.29	12.6	2	2.3	325	0.67	0.18	14.3	0.250	4.9
M356510		31.1	96.3	<0.002	0.34	4.41	11.7	2	2.1	376	0.69	0.12	13.9	0.244	4.2
M356511		40.4	210	<0.002	1.05	5.51	11.9	2	2.5	134.0	0.54	2.68	14.5	0.200	5.2
M356512		36.9	178.5	0.002	1.12	5.39	10.6	2	2.6	153.5	0.47	0.77	13.1	0.172	5.4
M356513		1.8	3.3	<0.002	0.01	0.06	0.7	2	<0.2	41.0	<0.05	<0.05	<0.2	<0.005	0.5
M356514		37.1	168.5	<0.002	1.59	6.97	10.0	2	2.4	123.5	0.42	0.41	12.2	0.158	5.0
M356515		47.5	107.0	<0.002	0.33	7.88	10.9	2	2.1	262	0.71	0.08	12.4	0.230	3.8



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Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12219211**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M357980		66	0.9	17.3	56	47.2	
M357981		80	2.0	18.1	64	36.6	
M357982		75	4.6	15.9	96	34.2	
M357983		68	8.9	11.3	162	34.8	
M357984		82	0.7	15.0	5000	51.2	102
M357985		70	3.6	13.8	63	32.3	
M357986		73	6.0	13.7	39	31.0	
M357987		57	2.7	8.8	353	19.9	
M357988		72	4.5	13.9	163	34.5	
M357989		62	3.9	12.4	133	30.0	
M357990		77	2.4	14.2	87	34.3	
M357991		76	2.1	15.3	68	32.7	
M357992		80	3.1	14.9	88	27.5	
M357993		57	4.3	14.3	321	28.3	
M357994		63	3.1	14.7	129	29.8	
M357995		4	0.1	1.0	11	<0.5	
M357996		75	4.7	15.3	277	29.6	
M357997		78	2.5	15.7	52	33.6	
M357998		77	3.0	14.6	146	28.5	
M357999		78	3.7	16.1	1920	25.8	
M358000		84	2.1	18.5	152	26.0	
M356501		80	0.6	15.0	5040	52.9	102
M356502		77	1.7	17.1	62	29.1	
M356503		74	3.0	16.9	1590	26.4	
M356504		80	1.7	16.9	75	32.0	
M356505		70	1.9	17.2	119	34.0	
M356506		70	1.4	16.5	63	31.9	
M356507		71	3.0	15.3	158	28.0	
M356508		70	2.8	13.6	92	28.9	
M356509		79	1.8	16.4	83	27.1	
M356510		73	1.5	14.9	108	28.3	
M356511		75	3.7	12.0	233	22.8	
M356512		58	2.9	12.6	81	19.5	
M356513		4	0.1	0.9	11	<0.5	
M356514		58	3.3	13.2	104	22.0	
M356515		68	3.0	14.3	145	24.3	



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**CERTIFICATE OF ANALYSIS WH12219211**

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



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**CERTIFICATE WH12219212**

Project: Klaza-129

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219212**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356516		5.93	0.007	0.26	7.38	10.5	1970	1.40	0.43	2.79	0.32	50.7	7.7	9	9.77	12.4
M356517		2.71	0.005	0.19	7.18	10.9	2080	1.43	0.62	2.50	0.20	48.8	8.1	8	16.10	3.6
M356518		3.88	0.005	0.17	7.04	8.9	2060	1.45	0.49	2.63	0.21	49.6	6.7	9	9.30	6.1
M356519		6.34	<0.005	0.10	7.14	7.2	2220	1.60	0.21	2.61	0.29	54.7	5.8	10	6.67	6.7
M356520		7.98	0.015	0.25	6.57	13.8	2040	1.30	0.72	2.65	0.30	45.7	8.3	9	7.68	15.0
M356521		<0.02	0.012	0.24	6.86	13.2	2020	1.40	0.66	2.61	0.34	52.9	8.0	10	7.94	14.5
M356522		7.48	0.014	0.35	7.24	11.3	1980	1.41	0.42	2.53	0.37	53.6	5.8	9	7.84	152.0
M356523		2.47	0.006	0.16	7.28	9.8	2540	1.50	0.45	2.85	0.15	50.0	6.8	9	9.67	9.5
M356524		3.01	0.047	0.48	7.63	58.7	800	1.38	2.03	3.64	0.21	66.1	31.6	7	18.10	3.7
M356525		0.26	0.255	95.6	5.12	197.0	580	0.71	4.55	1.36	22.8	19.90	12.0	60	0.87	5910
M356526		4.27	0.009	0.26	7.04	21.7	2060	1.26	0.75	2.98	0.40	51.7	11.3	7	12.75	18.3
M356527		2.67	0.334	1.49	6.82	129.5	1090	1.33	1.29	2.83	8.82	54.6	8.9	7	15.80	39.1
M356528		3.85	0.011	0.21	7.60	11.7	3570	1.51	0.43	2.52	0.24	56.6	4.9	10	9.06	18.1
M356529		3.34	0.011	0.27	7.50	21.7	2610	1.46	0.70	2.64	0.55	55.2	10.6	8	11.35	34.1
M356530		1.68	0.015	0.23	7.45	22.5	2610	1.47	0.65	2.65	0.37	51.9	11.9	8	11.85	18.9
M356531		3.09	0.028	0.62	6.56	38.0	670	1.11	2.45	2.86	0.26	49.2	30.3	7	10.75	11.5
M356532		2.81	0.033	0.54	7.47	29.5	2040	1.50	1.28	2.06	0.91	51.6	20.1	8	12.70	8.6
M356533		2.14	0.060	0.96	6.88	50.0	1890	1.71	1.30	3.74	3.49	50.6	23.0	6	15.45	40.4
M356534		5.42	0.020	0.91	7.25	36.8	1830	1.56	1.91	2.59	1.29	51.1	26.3	9	13.95	23.2
M356535		2.26	0.511	2.47	6.70	158.0	780	1.37	1.63	2.79	21.0	52.3	5.9	7	12.35	21.3
M356536		2.29	0.036	0.48	7.68	44.0	2120	1.76	0.81	2.62	0.41	53.1	10.6	10	11.70	17.5
M356537		4.58	0.006	0.11	7.56	11.6	2210	1.68	0.31	2.84	0.14	56.2	6.9	9	9.53	6.2
M356538		0.26	0.255	100.0	5.44	207	610	0.68	4.86	1.44	23.8	21.0	12.4	65	0.92	6220
M356539		8.27	0.021	0.64	7.26	37.9	2130	1.45	1.57	2.30	0.64	50.5	21.2	9	7.58	28.4
M356540		2.67	0.014	0.48	6.85	33.2	1550	1.13	1.31	2.51	0.46	51.5	17.1	9	7.44	26.3
M356541		2.20	0.140	1.98	6.00	117.0	730	1.20	2.19	3.84	26.5	57.2	20.1	6	9.70	101.0
M356542		4.74	0.011	0.56	6.54	16.8	1400	1.00	1.96	1.79	0.48	52.7	17.7	10	6.26	16.6
M356543		3.24	<0.005	0.02	0.06	<5	20	0.05	0.02	20.0	0.07	1.28	1.5	<1	0.12	1.6
M356544		2.36	0.031	0.90	6.35	41.5	430	1.05	3.06	3.73	0.60	38.9	29.8	8	11.70	14.5
M356545		2.58	0.020	0.73	6.86	34.6	1000	0.88	2.52	2.14	0.81	51.1	17.1	8	6.77	33.4
M356546		7.65	0.022	0.67	6.81	41.6	1470	1.06	1.92	2.36	0.79	50.1	18.3	9	5.57	46.9
M356547		7.88	0.038	1.57	7.23	59.4	1550	1.26	1.95	2.13	14.10	56.3	16.5	10	7.36	38.5
M356548		4.33	0.037	1.07	7.66	58.4	1450	1.42	2.68	2.50	0.66	52.5	18.9	12	9.98	43.4
M356549		2.34	<0.005	0.04	0.07	<5	250	0.05	0.02	20.6	0.16	1.48	1.6	<1	0.13	0.8
M356550		2.97	0.103	2.21	6.60	56.1	1600	1.44	1.47	3.59	21.8	44.4	6.4	30	8.07	14.2
M356551		4.59	0.397	4.84	7.08	191.5	1420	1.44	0.88	2.56	7.31	43.4	7.7	15	6.27	238





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Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12219212**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356516		3.28	17.40	0.11	1.1	0.142	2.61	24.0	21.3	0.87	852	0.74	1.68	8.0	2.4	630
M356517		3.37	16.75	0.14	0.9	0.115	2.57	23.5	26.7	0.85	1070	0.97	0.72	7.8	2.0	600
M356518		3.26	16.65	0.17	1.2	0.113	2.54	23.2	17.1	0.84	905	1.66	1.95	8.1	1.9	600
M356519		3.05	16.60	0.19	1.2	0.072	2.65	25.8	13.3	0.90	646	7.25	2.16	8.5	1.9	600
M356520		3.01	15.10	0.16	1.0	0.116	2.53	21.4	14.3	0.76	775	6.49	1.75	7.3	1.7	520
M356521		3.01	15.10	0.19	1.0	0.119	2.51	26.4	14.5	0.79	763	6.31	1.73	7.4	1.7	520
M356522		3.26	16.00	0.19	1.0	0.149	2.46	25.8	17.7	0.93	707	12.85	1.74	8.6	2.1	630
M356523		3.26	17.05	0.19	1.1	0.180	2.86	22.6	20.1	0.85	837	6.14	1.28	8.6	1.8	650
M356524		5.17	17.20	0.20	0.9	0.747	3.46	33.5	26.7	1.03	1500	2.01	0.08	6.0	2.4	630
M356525		5.59	11.10	0.07	1.4	0.423	1.07	9.0	12.4	1.05	1680	21.0	1.52	3.3	28.5	440
M356526		3.65	15.40	0.16	0.9	0.281	2.93	25.1	33.1	0.80	1140	2.65	0.27	7.2	1.9	610
M356527		4.20	15.00	0.13	1.1	0.325	3.00	27.7	34.7	0.99	1980	4.32	0.05	6.9	1.7	550
M356528		3.56	16.75	0.20	1.5	0.081	3.00	27.8	18.6	0.86	767	1.25	1.56	8.3	2.2	630
M356529		3.60	16.40	0.19	1.4	0.148	2.91	27.3	20.8	0.83	841	0.84	1.36	7.9	1.9	630
M356530		3.66	16.30	0.20	1.3	0.158	2.93	25.1	19.1	0.83	875	1.02	1.35	8.0	1.9	630
M356531		4.42	13.55	0.16	0.7	0.354	2.52	24.8	16.5	0.89	1200	3.96	0.82	5.2	2.7	560
M356532		5.41	16.55	0.17	0.9	0.146	2.32	26.1	23.7	0.82	1120	13.20	0.95	7.9	2.5	630
M356533		5.35	15.35	0.14	0.8	0.225	3.04	25.7	14.6	1.43	1960	11.50	0.06	6.8	1.9	610
M356534		4.98	16.30	0.18	0.8	0.351	2.82	25.1	21.3	0.84	1380	8.16	0.90	6.9	2.9	610
M356535		4.86	14.95	0.15	0.8	0.719	2.94	26.9	16.7	0.95	3010	6.01	0.12	6.9	2.5	550
M356536		3.77	17.25	0.19	1.2	0.146	2.80	25.9	22.2	0.88	1180	0.95	1.31	8.4	2.5	640
M356537		3.28	16.95	0.19	1.3	0.066	2.68	26.7	20.3	0.86	708	1.89	1.90	8.7	2.0	630
M356538		5.91	11.70	0.10	1.6	0.452	1.12	9.5	13.0	1.12	1770	22.8	1.61	3.6	30.0	470
M356539		5.11	16.10	0.17	1.1	0.152	2.47	23.7	18.9	0.94	1230	2.47	1.84	8.1	2.1	630
M356540		4.10	15.45	0.17	1.0	0.158	2.13	25.5	18.7	0.76	903	1.61	1.93	6.8	1.8	600
M356541		4.60	13.05	0.14	0.8	0.400	2.43	29.3	14.3	1.15	3270	1.34	0.55	5.8	1.3	520
M356542		3.46	13.80	0.17	0.8	0.110	2.00	26.4	13.3	0.59	580	1.52	2.17	6.8	1.7	560
M356543		0.45	0.33	0.23	<0.1	<0.005	0.03	0.6	0.9	12.50	192	<0.05	0.01	0.3	<0.2	180
M356544		5.23	13.80	0.08	0.9	0.251	2.41	18.9	13.0	1.06	1680	2.04	1.22	5.7	2.9	520
M356545		4.10	13.35	0.13	0.9	0.193	2.16	25.5	11.5	0.65	1160	1.16	2.45	6.2	1.7	560
M356546		4.18	15.00	0.14	0.9	0.219	1.81	25.1	14.4	0.81	1000	10.25	2.32	6.2	2.0	550
M356547		4.56	16.50	0.14	0.9	0.232	2.22	28.5	18.9	0.87	1460	8.96	1.81	7.3	2.2	620
M356548		4.56	17.90	0.15	0.9	0.340	2.54	26.5	25.9	0.89	1360	14.95	0.23	7.7	3.2	690
M356549		0.49	0.36	0.25	<0.1	0.005	0.02	0.7	0.8	12.90	212	<0.05	0.01	0.3	<0.2	210
M356550		4.27	16.90	0.08	1.6	0.505	3.07	22.6	24.6	1.30	2520	1.81	0.05	8.9	6.0	820
M356551		3.96	17.35	0.12	1.4	0.612	3.44	21.7	20.4	0.97	2820	1.68	0.04	9.2	3.5	610



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**CERTIFICATE OF ANALYSIS WH12219212**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356516		24.1	109.5	<0.002	0.20	4.23	12.0	2	2.1	354	0.62	0.09	11.0	0.272	1.48	3.3
M356517		18.3	103.0	<0.002	0.27	9.70	11.4	2	2.0	208	0.58	0.10	11.3	0.261	1.58	2.9
M356518		20.7	90.8	<0.002	0.20	2.57	11.5	2	2.3	360	0.65	0.06	11.9	0.266	1.35	3.4
M356519		20.2	92.5	<0.002	0.07	1.81	11.3	2	1.8	375	0.77	<0.05	13.4	0.267	1.25	4.3
M356520		21.8	88.6	<0.002	0.34	2.23	9.8	1	1.9	282	0.64	0.22	12.1	0.225	1.39	3.8
M356521		22.4	101.5	<0.002	0.34	2.27	10.3	2	2.0	281	0.64	0.16	13.8	0.226	1.42	4.3
M356522		22.3	92.3	<0.002	0.18	2.69	12.2	2	2.2	349	0.71	0.11	13.2	0.279	1.28	3.8
M356523		17.2	111.0	<0.002	0.16	4.90	12.4	2	2.2	289	0.71	0.06	12.5	0.281	1.97	3.3
M356524		21.4	188.0	<0.002	2.07	17.95	12.9	2	3.4	166.5	0.47	0.49	11.5	0.201	3.09	4.4
M356525		9790	26.5	0.010	2.15	430	11.9	3	1.9	177.5	0.21	1.05	1.9	0.230	0.50	1.3
M356526		19.1	138.5	<0.002	0.72	11.40	11.9	2	2.2	154.5	0.61	0.12	11.8	0.228	2.42	3.5
M356527		152.0	193.0	<0.002	1.93	8.76	10.5	2	3.6	127.0	0.63	0.22	12.9	0.218	2.81	5.4
M356528		22.1	128.0	<0.002	0.38	3.66	11.9	2	2.1	366	0.70	0.06	13.7	0.267	1.88	4.5
M356529		24.2	123.0	<0.002	0.44	6.15	12.0	2	2.1	288	0.69	0.09	13.5	0.259	1.87	4.7
M356530		22.7	124.5	<0.002	0.54	5.04	11.7	2	2.1	289	0.66	0.10	12.8	0.259	1.91	4.2
M356531		27.0	127.5	<0.002	1.67	5.07	10.0	2	2.3	173.0	0.38	0.77	9.3	0.179	2.09	3.3
M356532		38.8	119.5	0.003	1.18	6.02	12.3	2	3.4	154.0	0.59	0.31	11.1	0.271	2.07	4.0
M356533		145.0	155.5	0.002	1.42	10.80	11.5	2	4.2	136.5	0.50	0.28	10.5	0.238	2.97	5.2
M356534		75.1	157.5	<0.002	1.48	8.16	12.5	2	3.0	214	0.52	0.31	10.8	0.236	2.58	3.5
M356535		536	191.0	<0.002	2.17	13.10	10.8	2	2.8	105.0	0.54	0.14	11.7	0.232	2.81	3.6
M356536		28.5	133.5	<0.002	0.72	5.37	12.8	2	2.1	268	0.70	0.10	14.2	0.275	2.04	4.6
M356537		21.5	97.8	<0.002	0.15	2.81	12.0	2	1.9	384	0.72	0.05	13.1	0.278	1.40	4.0
M356538		>10000	27.8	0.011	2.26	451	12.5	4	2.0	190.0	0.24	1.06	2.1	0.241	0.55	1.4
M356539		46.6	122.5	<0.002	1.02	5.18	11.8	2	3.0	276	0.68	0.23	12.2	0.261	2.00	3.8
M356540		32.2	125.5	<0.002	1.46	5.03	11.6	2	2.7	176.5	0.57	0.23	11.9	0.227	1.81	4.3
M356541		155.5	162.0	<0.002	2.24	14.50	10.0	2	2.6	160.0	0.46	0.42	10.1	0.191	2.31	4.1
M356542		29.5	96.3	<0.002	1.37	3.53	10.5	2	2.7	155.0	0.51	0.44	10.7	0.227	1.47	3.3
M356543		1.7	1.1	<0.002	0.01	<0.05	0.3	1	<0.2	44.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
M356544		39.1	128.5	<0.002	2.74	5.23	10.0	2	2.8	166.5	0.45	0.63	8.2	0.193	2.09	5.4
M356545		34.6	124.0	<0.002	1.89	3.94	10.0	2	2.4	151.5	0.49	0.45	11.5	0.201	1.74	3.4
M356546		37.8	90.5	0.003	1.51	3.71	10.7	2	2.7	200	0.51	0.31	11.9	0.204	1.39	4.3
M356547		283	127.5	0.003	1.51	5.01	11.6	2	3.7	210	0.57	0.44	13.4	0.239	1.85	4.4
M356548		46.8	155.5	0.002	1.63	15.45	12.5	2	3.1	112.5	0.61	0.38	11.7	0.266	2.43	3.8
M356549		2.3	1.3	<0.002	0.01	0.07	0.3	1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M356550		542	213	<0.002	0.85	6.43	10.2	2	2.1	141.5	0.66	0.09	9.3	0.230	3.24	4.0
M356551		350	249	<0.002	1.17	25.6	6.8	1	2.6	84.3	0.71	0.09	10.0	0.193	3.49	4.3



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**CERTIFICATE OF ANALYSIS WH12219212**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M356516		76	2.1	16.3	80	28.2		
M356517		74	3.0	15.3	73	25.1		
M356518		74	2.3	16.0	67	29.5		
M356519		72	4.5	17.5	67	29.2		
M356520		66	2.3	14.4	78	25.2		
M356521		65	2.4	15.5	79	25.9		
M356522		77	3.0	15.9	84	25.0		
M356523		79	2.7	14.8	64	25.8		
M356524		62	4.8	16.8	91	22.3		
M356525		76	0.6	13.2	4970	50.8		
M356526		69	4.0	15.1	93	23.5		
M356527		67	4.4	14.0	617	27.1		
M356528		76	1.8	16.5	72	44.2		
M356529		73	2.1	15.7	111	40.1		
M356530		72	2.2	15.3	92	39.7		
M356531		60	3.5	14.3	78	19.5		
M356532		86	4.4	15.8	175	21.6		
M356533		76	5.0	15.0	375	20.2		
M356534		80	3.9	14.5	189	21.0		
M356535		67	4.2	13.7	1550	21.9		
M356536		80	3.2	16.5	88	30.0		
M356537		77	1.5	17.4	54	31.4		
M356538		79	0.7	14.2	5220	56.2	101	1.010
M356539		78	3.9	16.8	121	28.6		
M356540		80	3.6	17.2	92	24.2		
M356541		66	4.0	19.1	1940	21.7		
M356542		68	3.2	16.1	80	22.5		
M356543		2	0.1	0.8	15	<0.5		
M356544		51	3.1	15.2	109	25.9		
M356545		49	3.1	14.8	132	23.8		
M356546		73	2.8	16.3	137	24.9		
M356547		77	3.5	16.1	1020	25.3		
M356548		93	4.4	16.5	120	26.9		
M356549		2	0.1	0.9	21	<0.5		
M356550		75	2.3	13.2	1430	57.1		
M356551		55	2.8	11.2	508	50.9		



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**CERTIFICATE OF ANALYSIS WH12219212**

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



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**CERTIFICATE WH12219213**

Project: Klaza-129

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219213**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356552		3.35	0.151	3.23	6.92	654	1860	1.48	0.81	3.23	27.5	42.1	11.0	13	7.14	34.9
M356553		7.85	0.141	1.16	6.97	530	1640	1.46	0.78	2.69	2.54	36.8	8.2	15	6.21	12.5
M356554		6.94	0.413	6.06	6.92	1380	1470	1.53	0.78	2.86	9.67	43.6	7.8	13	6.30	11.2
M356555		0.26	2.24	24.4	5.55	3270	1710	1.31	18.65	2.07	74.1	47.8	11.1	17	16.05	426
M356556		7.32	0.019	0.55	7.07	45.7	1560	1.69	0.78	3.28	0.75	35.5	6.7	14	7.46	2.4
M356557		3.18	0.027	1.54	7.10	70.7	1810	1.83	1.56	2.97	1.72	41.4	8.2	30	9.44	43.6
M356558		2.13	1.680	8.42	6.12	1030	1050	1.10	5.31	2.57	82.5	46.6	23.5	6	9.71	166.0
M356559		2.92	<0.005	0.02	0.05	8	20	<0.05	0.02	19.50	0.14	1.18	1.4	<1	0.11	2.5
M356560		3.73	0.011	0.46	7.39	21.4	1980	1.42	0.47	2.07	0.43	46.7	6.5	11	12.55	15.6
M356561		5.51	0.015	1.09	7.00	45.8	2720	1.41	1.40	2.76	0.96	44.1	7.6	11	12.40	70.3
M356562		3.09	0.049	4.86	7.64	227	2630	1.51	4.27	2.94	12.65	58.5	13.9	12	13.45	479
M356563		6.69	0.025	3.66	6.77	103.5	2280	1.35	4.24	2.28	3.57	51.0	9.9	11	11.15	223
M356564		0.26	4.57	>100	5.29	7730	1330	1.20	60.2	1.86	219	37.5	9.7	18	12.80	1260
M356565		7.74	0.041	2.18	7.13	117.5	2560	1.18	1.31	2.41	1.77	52.6	6.0	11	12.15	181.0
M356566		3.79	0.045	2.90	7.38	151.5	1900	1.43	2.34	2.39	2.24	52.8	11.9	11	12.20	359
M356567		2.45	1.850	13.40	5.73	561	650	1.12	9.75	3.55	145.5	47.0	6.0	7	9.04	145.5
M356568		3.40	<0.005	0.03	0.08	<5	20	0.05	0.03	20.2	0.19	1.32	1.3	<1	0.69	2.1
M356569		6.45	0.011	0.27	7.80	30.9	1410	1.78	0.21	2.49	0.44	65.1	6.0	19	21.1	8.8
M356570		5.18	<0.005	0.32	7.54	16.3	1490	1.92	0.15	2.06	0.40	70.4	6.5	27	27.1	11.3
M356571		4.41	<0.005	0.20	7.64	28.4	1700	1.89	0.16	2.22	0.24	75.1	7.2	30	20.2	10.7
M356572		2.58	0.373	1.90	7.16	141.0	1250	1.78	1.09	2.31	5.43	59.2	8.8	17	22.1	22.9
M356573		3.45	0.088	2.34	7.26	69.8	2080	1.54	1.04	2.25	13.25	48.2	10.4	13	11.70	30.0
M356574		<0.02	0.111	2.52	7.11	70.8	2020	1.48	1.02	2.20	13.95	46.4	9.6	11	11.05	30.9
M356575		4.00	0.006	0.22	7.37	12.0	2190	1.43	0.40	2.72	0.30	43.6	6.5	13	6.54	7.2
M356576		2.79	1.820	7.33	7.42	2570	1410	1.46	2.92	2.53	6.49	49.8	15.1	12	8.14	28.6
M356577		7.40	0.032	0.78	7.26	43.9	2260	1.49	0.79	2.78	1.43	44.9	8.2	16	6.56	18.6
M356578		3.96	0.010	0.21	6.98	18.0	2220	1.30	0.48	2.61	0.23	42.1	7.9	13	5.55	4.9
M356579		1.62	0.007	0.19	7.50	13.1	2330	1.43	0.53	2.64	0.18	46.2	9.6	14	5.74	4.6
M356580		3.69	0.008	0.13	7.21	12.0	2260	1.67	0.27	2.68	0.29	46.0	9.4	12	5.87	7.3
M356581		7.43	<0.005	0.15	7.00	10.8	2220	1.48	0.31	2.57	0.19	45.5	8.1	15	5.27	6.1
M356582		7.11	0.009	0.24	7.19	9.8	2150	1.58	0.51	2.64	0.54	46.1	7.7	13	7.04	16.2
M356583		2.03	0.018	0.68	6.95	73.7	1850	1.40	0.45	2.36	2.34	37.0	6.8	11	10.40	11.6
M356584		3.29	2.76	38.5	6.51	3110	610	1.28	9.81	1.65	303	33.7	27.5	9	10.20	1160
M356585		3.14	0.007	0.58	7.07	12.3	2140	1.43	0.41	2.59	0.59	45.0	8.0	13	5.88	56.4
M356586		7.76	0.013	0.75	7.35	16.8	2320	1.45	0.57	2.66	0.93	43.9	8.1	13	6.56	59.3
M356587		2.55	0.037	1.69	7.11	31.5	1860	1.39	0.71	2.87	9.49	47.6	10.2	12	10.10	23.6



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**CERTIFICATE OF ANALYSIS WH12219213**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356552		3.45	19.00	0.22	1.3	0.639	3.35	22.4	8.3	1.01	3090	1.70	0.04	10.7	4.5	560
M356553		3.36	18.95	0.23	1.0	0.705	3.36	18.8	30.1	0.85	2620	1.52	0.04	10.6	4.3	570
M356554		3.57	18.15	0.24	1.2	0.522	3.42	23.9	21.5	0.88	2780	1.38	0.04	10.1	4.1	580
M356555		6.34	15.60	0.23	0.8	1.785	2.52	26.9	23.5	0.84	1860	13.50	0.03	6.3	15.7	420
M356556		2.88	18.20	0.24	1.4	0.382	3.44	17.6	47.1	0.83	1650	1.64	0.04	10.6	4.4	600
M356557		4.16	17.60	0.23	1.5	0.589	3.23	21.3	44.8	1.14	2370	2.31	0.05	10.4	7.6	810
M356558		7.11	16.05	0.27	0.9	1.590	2.71	25.0	8.8	0.84	7190	3.02	0.04	6.8	3.5	480
M356559		0.48	0.30	0.35	<0.1	<0.005	0.02	0.6	0.8	11.65	199	0.11	<0.01	0.3	2.7	170
M356560		3.88	18.35	0.24	1.1	0.131	2.42	23.2	52.3	0.95	842	1.40	0.46	9.1	3.6	650
M356561		3.48	18.00	0.24	1.1	0.189	2.71	21.6	27.0	0.79	880	0.94	1.19	8.3	3.1	590
M356562		5.24	17.80	0.28	1.0	0.702	3.15	32.6	16.5	1.21	1420	11.05	0.31	6.8	4.1	590
M356563		4.27	16.60	0.25	0.9	0.480	2.98	28.3	44.5	0.98	1410	1.29	0.05	6.0	5.8	530
M356564		7.84	14.50	0.26	1.0	4.97	2.22	19.7	33.1	0.60	3110	16.55	0.08	6.2	14.4	430
M356565		4.16	17.15	0.22	0.8	0.385	3.32	29.3	26.3	1.01	1910	0.99	0.04	6.4	2.8	560
M356566		3.91	17.85	0.25	0.8	0.454	3.20	28.9	42.9	0.93	1340	0.87	0.12	6.5	4.0	580
M356567		6.99	15.15	0.25	0.8	11.90	2.69	26.2	10.6	1.17	8160	4.41	0.03	5.7	3.2	470
M356568		0.47	0.39	0.33	<0.1	0.017	0.04	0.7	1.1	11.90	222	0.10	<0.01	0.4	2.5	170
M356569		2.54	21.6	0.27	3.0	0.048	2.87	33.3	34.4	1.01	1150	1.43	0.09	11.5	10.8	930
M356570		2.25	21.5	0.28	3.4	0.052	2.84	37.3	23.4	0.90	559	0.41	0.08	11.9	15.1	940
M356571		2.50	22.0	0.30	3.8	0.031	2.88	40.9	35.4	0.95	677	0.93	0.09	12.2	17.7	980
M356572		3.50	18.70	0.25	2.0	0.155	2.86	33.3	25.5	0.99	5360	5.62	0.05	8.9	9.7	700
M356573		3.69	18.15	0.24	0.9	0.230	3.03	24.7	37.9	0.86	1040	3.50	0.94	8.5	3.1	590
M356574		3.61	17.65	0.25	0.9	0.228	2.95	23.8	34.1	0.84	1020	3.07	0.93	8.2	2.9	580
M356575		3.42	18.00	0.22	0.9	0.082	2.52	21.6	17.1	0.89	695	2.07	2.05	8.8	2.9	640
M356576		4.72	19.45	0.25	0.9	0.208	2.93	25.6	24.7	0.84	808	0.90	1.58	8.8	3.2	610
M356577		3.48	18.70	0.24	0.9	0.103	2.68	21.7	22.0	0.93	803	0.79	1.97	9.1	3.2	660
M356578		3.22	17.55	0.24	0.8	0.091	2.35	20.4	12.3	0.89	810	0.84	2.15	8.4	3.1	630
M356579		3.42	18.25	0.26	0.9	0.083	2.42	22.9	12.8	0.96	806	0.80	2.28	8.7	3.4	650
M356580		3.21	18.30	0.25	1.1	0.074	2.38	21.9	11.9	0.93	705	1.09	2.24	9.7	3.0	640
M356581		3.01	18.30	0.24	1.1	0.107	2.56	22.0	12.2	0.88	746	1.06	2.17	9.2	3.0	590
M356582		3.09	17.45	0.25	1.0	0.061	2.54	23.2	14.3	0.87	664	1.19	1.89	8.6	3.0	600
M356583		2.84	16.65	0.22	1.0	0.079	2.84	18.3	28.7	0.67	774	0.90	1.38	8.1	2.6	560
M356584		9.56	16.75	0.29	0.9	4.82	3.05	17.1	8.1	0.68	2680	1.04	0.07	6.9	2.6	480
M356585		3.03	17.00	0.24	1.0	0.086	2.54	22.3	13.8	0.79	618	0.96	2.01	8.3	3.0	570
M356586		3.33	18.50	0.26	1.0	0.104	2.63	21.5	13.8	0.89	763	1.72	2.08	9.0	3.2	630
M356587		3.73	18.45	0.24	1.0	0.261	2.58	24.2	22.0	0.85	928	1.27	1.21	9.1	3.2	630



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Account: ROCKHA

Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12219213**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M356552		543	238	<0.002	1.42	6.12	7.3	1	1.9	89.7	0.79	0.08	10.0	0.196	3.5
M356553		119.5	234	<0.002	1.08	4.58	7.3	1	2.1	97.1	0.76	0.09	9.2	0.200	4.1
M356554		3070	259	<0.002	1.46	9.96	7.9	1	2.2	86.6	0.72	0.10	10.1	0.203	4.4
M356555		2650	169.0	0.002	4.53	88.2	8.9	2	8.0	97.4	0.48	0.39	11.0	0.176	5.4
M356556		52.5	198.0	<0.002	0.46	3.86	7.4	1	1.4	133.0	0.75	0.06	8.6	0.208	4.2
M356557		64.5	200	<0.002	0.65	9.83	11.3	1	1.9	138.0	0.72	0.09	9.2	0.238	4.2
M356558		441	167.5	<0.002	5.37	10.60	10.0	2	5.6	91.9	0.59	0.32	12.0	0.203	4.4
M356559		1.7	1.3	<0.002	0.06	0.05	0.2	1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	0.5
M356560		32.0	95.8	<0.002	0.15	5.54	14.2	1	1.9	190.5	0.70	<0.05	11.8	0.280	4.6
M356561		47.1	96.1	<0.002	0.39	9.11	12.5	1	1.9	288	0.67	0.10	11.1	0.247	4.1
M356562		230	154.0	0.002	1.45	27.3	14.4	2	2.7	199.5	0.54	0.40	14.7	0.213	5.6
M356563		216	159.5	<0.002	0.85	15.20	12.4	1	2.3	190.5	0.48	0.25	12.9	0.188	4.5
M356564		9240	145.0	0.002	6.92	213	8.5	2	8.9	132.0	0.45	0.48	9.0	0.181	5.5
M356565		98.7	173.0	<0.002	0.75	13.65	12.8	1	2.7	206	0.47	0.16	12.0	0.218	3.6
M356566		86.6	176.5	<0.002	0.82	27.3	13.4	1	2.1	231	0.51	0.29	12.9	0.214	4.0
M356567		2210	186.0	<0.002	5.66	16.35	9.2	2	7.8	107.0	0.44	0.43	10.1	0.182	3.3
M356568		3.7	3.7	<0.002	<0.01	0.14	0.3	1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	0.6
M356569		18.1	97.1	<0.002	0.16	11.95	6.5	1	1.7	231	0.77	<0.05	10.1	0.298	7.0
M356570		20.6	112.0	<0.002	0.05	12.30	6.9	1	1.7	250	0.80	<0.05	12.0	0.268	5.0
M356571		19.7	120.0	<0.002	0.11	14.35	7.4	1	1.7	234	0.80	<0.05	12.8	0.283	5.0
M356572		224	160.5	<0.002	1.10	11.25	10.1	1	3.0	180.0	0.63	0.06	12.0	0.251	6.7
M356573		600	136.5	<0.002	0.81	8.05	12.8	1	3.8	332	0.66	0.11	12.1	0.259	4.6
M356574		660	135.0	<0.002	0.81	7.63	12.4	1	3.8	326	0.64	0.10	12.2	0.252	4.6
M356575		25.8	92.8	<0.002	0.15	2.84	13.3	1	1.8	390	0.64	<0.05	11.3	0.282	3.7
M356576		1925	147.0	<0.002	2.10	10.60	13.6	1	7.6	313	0.66	0.21	12.1	0.262	4.1
M356577		77.7	99.9	<0.002	0.28	4.46	14.0	1	2.3	368	0.67	0.06	10.8	0.286	3.7
M356578		26.1	84.1	<0.002	0.30	1.94	12.7	1	1.7	381	0.61	0.07	10.1	0.269	3.6
M356579		20.8	93.9	<0.002	0.29	1.88	14.0	1	1.8	400	0.63	0.08	11.5	0.279	4.1
M356580		23.1	88.3	<0.002	0.12	1.67	13.5	1	1.9	413	0.90	<0.05	11.4	0.275	4.5
M356581		30.7	99.8	<0.002	0.10	1.61	13.3	1	1.8	370	0.69	<0.05	11.8	0.262	4.3
M356582		40.0	103.0	<0.002	0.13	1.66	13.4	1	2.0	375	0.64	<0.05	12.3	0.263	3.9
M356583		212	110.5	<0.002	0.35	2.43	12.1	1	2.1	300	0.63	0.05	10.5	0.247	4.1
M356584		4040	199.5	<0.002	9.04	22.5	10.7	4	15.6	71.2	0.53	1.55	9.7	0.216	4.1
M356585		26.4	95.8	<0.002	0.18	1.28	12.5	1	1.9	374	0.64	<0.05	12.3	0.255	4.0
M356586		41.6	99.6	<0.002	0.17	1.57	13.7	1	2.2	379	0.66	0.07	11.4	0.275	3.9
M356587		456	103.0	<0.002	0.85	3.25	13.7	1	2.9	285	0.72	0.25	11.9	0.270	4.5





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Project: Klaza-129

**CERTIFICATE OF ANALYSIS WH12219213**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356552		49	2.8	11.5	1800	39.7		
M356553		51	3.1	10.5	194	32.6		
M356554		52	3.0	11.3	676	36.9		
M356555		53	5.3	9.8	5100	22.9		
M356556		54	1.9	10.3	97	43.9		
M356557		72	2.8	12.2	200	50.7		
M356558		58	4.5	10.4	6070	21.2		
M356559		2	0.1	0.7	19	<0.5		
M356560		84	2.5	14.3	82	28.2		
M356561		71	2.5	14.8	136	27.7		
M356562		72	3.6	15.3	1510	25.3		
M356563		66	3.5	12.8	421	21.9		
M356564		51	4.7	9.4	>10000	29.7	119	1.615
M356565		73	4.7	12.4	239	20.7		
M356566		75	3.5	13.1	294	22.0		
M356567		57	6.5	8.8	>10000	22.4		1.125
M356568		2	0.1	0.8	25	0.6		
M356569		49	1.8	12.0	78	114.5		
M356570		50	2.9	11.6	83	131.5		
M356571		56	2.7	12.6	71	150.5		
M356572		62	3.9	13.0	511	72.9		
M356573		72	2.2	13.6	749	22.8		
M356574		70	2.2	13.1	798	21.4		
M356575		79	1.5	15.1	62	21.7		
M356576		73	2.5	15.0	389	23.1		
M356577		85	2.3	16.2	128	21.9		
M356578		76	1.8	15.5	64	19.8		
M356579		79	1.7	16.9	59	20.5		
M356580		77	1.5	17.3	58	24.0		
M356581		75	1.7	16.4	58	24.8		
M356582		74	1.9	15.9	72	25.6		
M356583		69	2.0	13.2	220	22.7		
M356584		60	6.9	10.2	>10000	21.7		2.44
M356585		71	1.7	15.0	86	23.9		
M356586		77	1.6	15.7	125	28.3		
M356587		78	1.6	16.2	1000	22.8		



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**CERTIFICATE OF ANALYSIS WH12219213**

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



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**CERTIFICATE WH12219214**

Project: Klaza-129

P.O. No.: Batch 7

This report is for 17 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219214**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356588		5.09	0.020	0.71	7.28	25.0	2120	1.42	0.70	2.81	0.72	40.7	8.9	11	6.80	14.4
M356589		7.65	<0.005	0.10	7.54	7.4	2060	1.37	0.26	2.88	0.14	43.7	7.7	11	5.99	5.0
M356590		5.03	<0.005	0.13	7.41	11.3	2190	1.54	0.26	2.81	0.14	44.0	6.1	10	7.10	9.3
M356591		2.58	0.216	1.23	7.56	1045	1330	1.38	1.06	1.95	2.43	51.5	7.3	7	18.40	60.9
M356592		2.89	<0.005	<0.01	0.06	<5	20	0.05	0.02	20.3	0.06	1.09	1.1	<1	0.19	2.6
M356593		6.41	<0.005	0.15	7.37	9.8	2100	1.39	0.35	2.68	0.13	47.4	7.1	11	7.96	9.6
M356594		6.69	<0.005	0.16	7.35	8.9	2010	1.46	0.39	2.86	0.18	44.5	8.1	10	6.85	10.0
M356595		3.38	<0.005	0.17	7.70	9.1	1800	1.33	0.35	1.84	0.37	49.3	7.0	9	8.10	7.8
M356596		2.30	0.018	0.37	7.29	28.0	1790	1.57	0.55	2.73	1.82	45.4	8.3	8	12.35	16.0
M356597		3.59	<0.005	0.27	7.40	14.4	1500	1.39	0.41	2.84	0.32	49.0	7.1	7	19.05	7.8
M356598		1.91	0.015	0.50	7.49	29.3	1470	1.54	1.08	2.44	0.34	48.4	7.9	8	15.90	22.6
M356599		0.26	2.31	24.7	5.98	3320	1620	1.16	20.5	2.21	79.3	43.6	10.5	18	13.95	439
M356600		3.07	<0.005	0.12	7.40	6.9	1980	1.31	0.43	2.87	0.11	44.9	7.3	9	8.74	6.8
M356601		6.33	0.011	0.30	7.50	15.4	2200	1.34	0.54	3.13	0.42	43.7	8.7	11	6.75	24.6
M356602		2.77	0.100	1.19	7.17	4700	1730	1.31	1.97	2.56	0.42	47.6	13.7	10	10.15	108.5
M356603		5.10	<0.005	0.12	7.27	13.7	2050	1.34	0.40	2.74	0.14	45.8	7.6	9	6.08	8.5
N812735		<0.02	<0.005	0.18	7.68	10.8	2180	1.42	0.55	2.92	0.13	43.9	8.4	10	6.28	10.6



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**CERTIFICATE OF ANALYSIS WH12219214**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356588		3.27	16.15	0.13	0.9	0.085	2.52	21.1	13.2	0.95	734	2.14	2.05	8.0	3.4	610
M356589		3.15	16.35	0.16	1.0	0.075	2.39	23.2	13.0	1.03	695	1.99	2.25	8.3	2.9	630
M356590		3.14	16.15	0.15	1.1	0.058	2.57	23.5	12.9	0.92	663	0.95	2.12	8.4	2.8	600
M356591		5.08	16.25	0.18	0.9	0.224	3.04	30.2	29.3	1.12	1520	1.58	0.45	7.3	2.3	590
M356592		0.49	0.25	0.09	<0.1	0.005	0.03	0.6	1.0	13.45	219	0.12	0.01	0.2	2.5	230
M356593		3.04	15.65	0.15	1.1	0.067	2.63	25.3	17.5	0.91	649	1.12	2.08	8.0	2.5	600
M356594		3.15	16.30	0.16	1.2	0.088	2.60	23.2	18.3	0.95	704	1.16	2.11	8.2	2.7	600
M356595		3.07	16.10	0.17	1.1	0.080	2.73	27.8	24.9	0.66	691	0.76	0.70	8.0	2.5	600
M356596		4.07	15.90	0.19	1.0	0.189	2.86	25.0	19.1	1.00	1680	0.95	1.17	7.9	2.6	580
M356597		3.37	15.90	0.16	0.9	0.102	2.77	27.4	66.0	1.08	1070	0.81	0.10	7.6	2.5	620
M356598		5.27	16.95	0.17	0.9	0.249	2.96	27.4	37.7	1.08	1740	2.75	0.33	7.7	2.6	600
M356599		6.71	14.25	0.18	0.9	1.755	2.65	25.7	23.3	0.97	1920	14.55	0.04	6.3	15.1	440
M356600		3.31	15.70	0.17	0.8	0.104	2.41	24.6	21.9	0.90	721	1.02	1.87	7.5	3.3	610
M356601		3.50	16.40	0.17	0.9	0.103	2.49	23.2	19.6	1.01	715	1.10	1.98	8.0	2.8	640
M356602		4.36	15.35	0.18	0.8	0.205	2.58	26.4	52.9	0.95	838	1.35	1.00	7.5	2.5	620
M356603		3.06	15.35	0.16	0.8	0.074	2.35	24.5	18.2	0.94	631	0.73	2.09	7.7	2.6	620
N812735		3.26	16.65	0.17	0.8	0.074	2.50	22.6	18.6	0.98	669	0.83	2.21	8.1	3.0	640



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**CERTIFICATE OF ANALYSIS WH12219214**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M356588		60.9	84.7	<0.002	0.36	1.93	11.2	1	2.2	389	0.73	0.21	12.6	0.278	1.28
M356589		21.5	89.0	0.002	0.06	1.24	12.1	1	2.5	401	0.73	0.06	12.0	0.292	1.17
M356590		21.2	88.6	<0.002	0.12	1.53	10.8	1	1.8	399	0.78	<0.05	12.9	0.275	1.15
M356591		64.9	174.5	<0.002	1.06	6.31	11.4	1	3.3	171.5	0.61	0.32	15.7	0.251	2.29
M356592		0.8	1.4	<0.002	<0.01	<0.05	0.3	1	<0.2	41.7	<0.05	<0.05	<0.2	<0.005	<0.02
M356593		20.3	94.3	<0.002	0.14	1.61	10.9	1	1.9	377	0.80	0.06	14.0	0.266	1.23
M356594		24.5	88.9	<0.002	0.22	1.63	10.8	1	2.1	366	0.84	0.06	14.2	0.275	1.17
M356595		29.0	102.5	<0.002	0.16	5.62	11.8	1	2.2	197.5	0.70	<0.05	16.4	0.274	1.30
M356596		106.0	131.0	<0.002	0.35	4.69	11.0	1	3.1	285	0.65	0.09	13.8	0.258	1.60
M356597		24.1	105.5	<0.002	0.27	5.04	11.8	1	2.3	201	0.62	<0.05	14.0	0.273	1.69
M356598		41.6	157.0	<0.002	0.69	6.66	11.7	1	4.7	184.5	0.62	0.15	15.2	0.268	2.13
M356599		2910	163.0	0.002	4.74	88.3	8.0	2	7.8	95.1	0.54	0.47	12.9	0.182	2.45
M356600		20.5	94.3	<0.002	0.31	1.62	11.2	1	2.1	390	0.59	<0.05	12.4	0.273	1.15
M356601		29.3	86.1	<0.002	0.26	1.46	11.7	1	2.3	407	0.58	0.10	10.7	0.290	1.13
M356602		99.7	108.5	<0.002	1.21	31.0	11.1	1	3.5	271	0.63	0.28	12.5	0.261	1.53
M356603		19.1	80.3	<0.002	0.12	1.46	11.3	1	2.0	401	0.60	<0.05	12.8	0.274	1.11
N812735		20.6	81.2	<0.002	0.15	1.56	11.9	1	2.1	427	0.65	0.05	12.4	0.292	1.15



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**CERTIFICATE OF ANALYSIS WH12219214**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M356588		80	1.9	16.7	112	22.6
M356589		83	1.8	18.7	55	26.6
M356590		77	1.2	16.9	54	28.6
M356591		75	4.4	13.9	265	24.3
M356592		2	0.1	0.8	13	<0.5
M356593		74	1.7	17.0	52	26.6
M356594		79	1.8	16.7	61	29.9
M356595		79	5.5	17.0	72	27.4
M356596		72	3.7	16.8	202	24.8
M356597		77	3.3	16.5	79	24.6
M356598		78	5.5	15.2	96	22.2
M356599		57	5.4	11.7	5390	26.9
M356600		75	1.2	16.7	51	20.8
M356601		83	1.7	16.9	76	21.7
M356602		75	7.0	16.0	77	19.8
M356603		78	1.2	16.9	49	20.1
N812735		82	1.3	17.4	52	21.1



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**CERTIFICATE OF ANALYSIS WH12219214**

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





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**CERTIFICATE WH12219215**

Project: Klaza-130

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219215**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359893		9.44	<0.005	0.05	7.33	10.3	1530	2.19	0.09	2.91	1.47	61.7	4.4	12	20.0	5.4
M359894		2.84	<0.005	0.24	7.33	9.6	2200	1.86	0.27	2.92	1.84	61.9	4.9	14	19.60	7.9
M359895		2.71	0.298	2.98	7.18	201	620	1.97	0.34	2.35	23.0	52.2	7.2	8	20.6	42.4
M359896		2.83	0.664	5.62	6.56	301	500	1.52	2.12	1.84	28.7	45.4	8.8	7	15.70	84.7
M359897		1.73	<0.005	0.10	0.06	5	30	0.05	0.03	20.9	0.09	1.06	0.5	<1	0.16	2.7
M359898		3.22	0.150	1.41	7.24	67.5	1380	1.51	0.40	2.49	2.10	48.6	7.9	8	16.70	47.1
M359899		3.61	0.011	0.16	6.70	8.3	2690	1.53	0.25	2.81	0.61	38.0	6.9	9	10.70	28.2
M359900		5.30	0.017	0.13	7.55	9.7	2650	1.36	0.36	2.61	0.11	49.5	7.6	13	8.12	30.6
M359901		7.47	0.031	0.10	7.40	10.4	2150	1.49	0.17	2.56	0.11	48.7	7.2	11	12.15	39.0
M359902		<0.02	0.028	0.07	7.50	9.0	2140	1.42	0.16	2.52	0.10	47.6	6.8	12	11.30	38.8
M359903		6.83	0.032	0.53	7.57	21.4	2460	1.66	1.02	2.80	0.17	47.3	6.7	11	15.20	35.6
M359904		2.76	2.55	5.13	7.42	6690	510	1.45	2.20	1.72	14.60	51.6	7.3	13	14.90	63.3
M359905		7.79	0.154	7.99	7.47	107.5	2340	1.36	0.34	2.54	21.3	46.5	6.2	13	7.92	75.2
M359906		0.26	0.270	>100	5.60	214	620	0.64	5.52	1.48	24.6	18.10	11.7	66	0.87	6480
M359907		7.83	0.081	0.45	7.81	36.1	2330	1.56	0.45	2.56	0.31	49.3	7.2	13	7.02	58.3
M359908		5.58	0.169	0.64	7.64	35.5	2330	1.56	0.79	2.37	0.32	54.4	7.3	13	6.03	69.6
M359909		3.13	0.064	0.21	7.55	15.9	840	1.46	0.45	2.37	0.96	53.4	8.2	11	8.59	32.2
M359910		1.44	0.035	0.56	7.31	18.0	720	1.36	0.89	2.48	0.88	50.6	8.0	10	8.27	45.6
M359911		6.36	0.073	0.33	7.50	35.9	2000	1.47	0.39	2.46	0.98	47.3	7.4	13	8.67	58.7
M359912		5.27	0.310	0.89	7.16	124.0	770	1.34	0.95	2.28	2.55	45.9	7.0	12	8.17	119.5
M359913		0.26	2.32	26.2	5.96	2870	930	1.22	20.1	2.29	78.6	40.8	10.6	19	13.60	468
M359914		4.55	0.028	0.54	7.22	23.5	1830	1.37	0.96	3.04	0.34	47.2	6.5	11	15.35	46.4
M359915		5.21	0.062	0.43	7.61	24.5	1500	1.56	0.54	2.50	0.62	43.9	7.5	9	12.40	78.3
M359916		2.94	0.252	2.68	6.64	149.5	1150	1.25	2.31	2.34	5.07	46.1	7.8	9	10.45	43.2
M359917		5.94	0.060	1.19	7.30	39.6	980	1.30	0.51	2.78	0.83	48.3	6.9	8	14.50	37.6
M359918		3.35	0.146	2.18	5.71	95.3	970	0.99	5.38	1.72	5.48	19.20	9.7	9	3.70	23.0
M359919		3.53	<0.005	0.09	0.12	5	30	0.21	0.05	21.0	0.08	1.02	0.9	<1	0.45	2.9
M359920		3.71	0.073	0.48	7.95	44.1	1680	1.38	0.56	2.96	0.32	55.8	5.7	11	15.00	102.5
M359921		2.79	0.085	2.85	6.79	159.5	570	1.32	0.55	1.85	6.00	48.3	7.6	8	15.55	179.5
M359922		3.20	0.024	0.41	7.27	34.2	2560	1.54	0.26	3.07	0.40	47.9	6.9	10	14.45	32.8
M359923		2.72	0.180	1.85	6.57	116.5	820	1.20	2.20	2.74	9.17	45.0	24.5	8	9.87	51.6
M359924		3.69	0.064	0.44	6.78	36.4	2280	1.27	0.29	2.59	0.26	35.3	6.0	10	11.65	48.4
M359925		2.73	0.081	0.62	7.36	59.1	1660	1.37	0.34	2.17	0.85	47.2	6.9	9	13.90	46.2
M359926		2.82	0.925	22.8	6.56	499	360	1.66	16.80	2.27	16.80	40.5	5.3	8	13.75	594
M359927		5.71	0.156	2.22	7.48	141.5	1510	1.62	0.92	2.86	2.71	45.8	5.5	9	17.15	118.0
M359928		4.91	0.150	1.06	7.44	109.5	1390	1.59	0.27	3.00	0.82	48.9	6.5	8	20.1	26.8



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**CERTIFICATE OF ANALYSIS WH12219215**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359893		2.34	18.85	0.14	2.7	0.028	2.76	31.1	37.7	0.61	620	1.47	0.44	11.2	4.4	1080
M359894		2.53	18.05	0.14	3.6	0.032	2.71	30.8	56.2	0.89	1120	14.30	0.08	11.0	5.4	1130
M359895		4.24	16.45	0.13	1.2	0.066	3.21	26.0	16.3	0.83	4090	3.45	0.04	7.5	3.5	620
M359896		4.58	14.00	0.13	0.8	0.219	2.97	22.6	22.2	0.70	4830	4.02	0.04	5.9	2.5	530
M359897		0.45	0.18	0.12	<0.1	0.009	0.02	0.5	1.0	12.70	218	0.36	<0.01	0.1	0.9	180
M359898		3.08	16.40	0.15	0.9	0.045	2.91	24.0	23.8	0.80	1320	1.89	0.59	7.4	2.3	640
M359899		2.88	15.95	0.13	0.9	0.036	2.70	18.1	14.5	0.65	471	1.13	1.74	7.6	2.2	570
M359900		3.23	14.95	0.14	0.9	0.034	2.60	24.7	18.6	0.74	278	1.13	1.93	7.2	2.3	620
M359901		3.02	16.35	0.17	0.9	0.041	2.82	23.0	21.9	0.76	355	1.12	2.07	7.9	2.3	600
M359902		2.99	15.25	0.14	0.9	0.049	2.79	24.2	21.5	0.77	344	1.26	2.05	7.4	2.6	600
M359903		3.02	17.05	0.15	1.1	0.044	2.86	23.3	22.3	0.69	356	1.33	1.78	8.3	2.2	630
M359904		5.34	17.35	0.16	1.2	0.195	3.63	26.3	15.1	0.72	630	1.28	0.32	6.6	2.5	580
M359905		3.18	16.30	0.12	1.0	0.158	2.99	23.0	17.1	0.76	381	1.33	1.93	7.3	2.3	600
M359906		5.79	12.30	0.13	1.5	0.416	1.20	8.5	13.3	1.13	1800	22.8	1.67	3.3	27.3	480
M359907		3.11	16.05	0.13	1.0	0.042	2.83	24.6	18.4	0.83	278	1.51	2.36	7.7	2.2	630
M359908		3.20	15.70	0.13	1.1	0.026	2.97	26.0	19.1	0.82	197	1.25	2.20	7.5	2.4	600
M359909		3.24	15.40	0.16	1.1	0.050	3.01	27.2	23.7	0.77	169	2.33	1.82	6.9	2.4	590
M359910		3.34	14.80	0.15	1.0	0.057	2.99	26.0	25.1	0.79	192	3.60	1.71	6.5	2.2	570
M359911		3.16	16.40	0.15	1.0	0.031	3.02	23.5	27.6	0.78	204	1.65	1.95	7.3	2.6	610
M359912		3.36	15.60	0.14	1.0	0.062	3.04	22.6	19.0	0.75	242	1.73	1.49	6.2	2.3	590
M359913		6.55	14.30	0.16	0.9	1.680	2.79	21.2	23.9	0.92	1980	13.50	0.04	5.9	14.7	460
M359914		3.36	15.20	0.17	1.1	0.043	3.15	23.2	28.4	0.93	533	1.22	0.48	6.8	2.3	600
M359915		3.22	16.35	0.13	1.1	0.045	3.41	21.3	21.1	0.75	531	2.79	0.61	6.2	2.2	600
M359916		4.28	13.90	0.13	0.9	0.100	3.04	23.2	13.1	0.98	788	1.27	0.05	5.0	2.3	530
M359917		3.10	15.10	0.15	0.9	0.021	3.29	25.2	13.1	1.16	1120	0.76	0.05	5.2	2.2	580
M359918		8.83	13.90	0.16	0.8	0.070	2.88	9.7	9.4	0.81	1040	2.53	0.06	3.2	2.6	500
M359919		0.51	0.32	0.12	<0.1	0.006	0.06	0.5	1.8	12.75	226	0.25	0.01	0.1	2.0	170
M359920		2.88	16.20	0.16	1.0	0.034	2.82	30.8	42.3	1.00	427	0.74	0.06	6.3	2.7	640
M359921		3.63	14.70	0.16	0.8	0.058	2.92	25.8	21.1	0.75	1140	1.05	0.04	5.3	2.3	530
M359922		2.89	16.00	0.14	1.0	0.036	3.05	23.1	20.1	0.86	1100	1.26	0.52	7.6	2.3	610
M359923		5.23	13.35	0.15	0.7	0.204	2.88	23.3	15.0	0.93	1700	1.05	0.51	5.1	2.7	510
M359924		2.89	14.90	0.13	1.0	0.035	2.77	16.8	17.8	0.74	376	0.91	1.10	7.0	2.1	580
M359925		3.32	15.10	0.14	0.9	0.098	2.93	23.8	24.9	0.75	835	0.64	0.08	7.0	2.0	590
M359926		5.59	15.35	0.15	0.7	0.310	3.01	21.4	16.6	0.91	3020	1.43	0.03	6.3	2.2	540
M359927		3.32	15.80	0.14	0.9	0.123	3.28	23.1	20.1	1.02	1710	1.64	0.07	7.2	2.2	600
M359928		3.13	15.30	0.14	0.9	0.036	3.19	25.1	12.4	1.03	1240	1.37	0.05	8.0	2.5	600



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Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219215**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M359893		15.3	87.5	0.002	0.01	4.89	5.1	1	1.4	229	0.73	<0.05	9.6	0.274	2.8
M359894		45.1	83.0	0.004	0.04	8.28	5.6	1	1.9	331	0.74	<0.05	10.2	0.290	4.0
M359895		585	162.5	0.002	3.29	15.20	9.6	1	3.5	161.5	0.53	<0.05	12.6	0.242	4.1
M359896		1120	162.0	0.002	3.60	22.3	8.9	1	2.5	97.2	0.47	0.12	11.8	0.211	4.2
M359897		3.3	1.2	0.002	0.01	0.08	0.1	<1	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	0.6
M359898		206	154.5	<0.002	1.61	10.50	10.9	2	3.0	213	0.55	0.10	12.1	0.241	3.2
M359899		28.1	94.6	0.002	0.63	1.97	9.5	1	1.7	393	0.61	0.06	10.6	0.247	2.3
M359900		15.0	96.9	0.002	1.10	1.11	9.9	1	1.8	416	0.56	0.10	12.5	0.250	2.9
M359901		15.5	107.5	<0.002	0.33	1.84	10.2	1	1.8	350	0.62	<0.05	12.5	0.258	3.1
M359902		15.0	105.0	<0.002	0.33	1.62	9.8	1	1.7	347	0.62	<0.05	13.2	0.257	3.6
M359903		23.4	109.5	0.002	0.57	5.49	10.2	1	2.0	371	0.71	0.40	12.7	0.258	3.1
M359904		566	210	<0.002	3.80	25.7	9.6	1	13.1	108.0	0.56	0.24	14.0	0.226	3.9
M359905		2170	122.0	0.002	0.91	253	9.9	<1	2.3	360	0.61	0.11	12.9	0.242	3.1
M359906		>10000	28.0	0.010	2.32	457	11.9	3	1.9	198.0	0.21	1.24	2.2	0.245	1.4
M359907		62.8	110.0	<0.002	0.69	2.57	10.2	1	2.3	388	0.65	0.12	13.9	0.255	3.7
M359908		90.4	110.0	0.002	1.16	4.98	10.0	1	2.3	371	0.63	0.10	15.0	0.238	4.2
M359909		45.2	124.0	0.002	1.72	2.31	10.2	1	2.5	383	0.58	0.13	14.3	0.222	4.4
M359910		158.5	117.0	0.002	1.79	4.65	9.6	2	2.5	368	0.58	0.12	14.1	0.218	4.3
M359911		47.3	114.0	<0.002	1.39	2.91	9.8	2	2.6	337	0.59	0.11	13.6	0.234	4.4
M359912		62.6	129.0	<0.002	1.84	3.72	9.4	1	3.9	286	0.54	0.20	13.0	0.214	3.7
M359913		2960	165.5	0.003	4.82	89.8	8.1	1	7.8	89.6	0.48	0.35	10.6	0.186	4.8
M359914		22.8	126.5	0.003	1.28	8.46	9.6	1	2.1	179.0	0.56	0.10	13.7	0.226	4.1
M359915		43.7	133.5	<0.002	1.71	7.55	9.7	1	2.2	187.0	0.51	0.17	14.2	0.218	4.0
M359916		223	156.5	0.003	3.83	15.60	9.1	1	4.4	84.8	0.42	0.16	14.1	0.179	5.0
M359917		34.2	165.0	0.002	2.22	14.10	9.4	1	2.0	72.1	0.41	0.13	14.6	0.198	4.7
M359918		281	110.0	0.003	9.63	6.27	8.3	2	8.7	32.5	0.30	0.49	10.9	0.133	5.1
M359919		2.3	3.7	0.002	0.03	0.09	0.5	<1	<0.2	35.6	<0.05	<0.05	0.2	0.005	0.7
M359920		15.5	128.5	0.002	1.30	18.85	10.5	1	2.0	124.5	0.54	0.18	16.3	0.239	4.3
M359921		274	160.0	0.002	3.00	33.6	8.7	1	4.1	71.2	0.43	0.16	14.0	0.193	3.0
M359922		41.6	106.0	0.002	0.84	8.23	9.8	<1	1.8	207	0.60	0.05	13.9	0.245	3.8
M359923		127.0	133.0	0.002	4.02	7.66	8.5	2	4.0	166.0	0.41	0.90	10.9	0.190	4.1
M359924		41.7	90.3	0.002	0.60	7.45	8.7	1	1.9	272	0.54	0.05	10.9	0.246	2.8
M359925		64.3	120.5	<0.002	1.24	12.85	9.5	1	2.5	103.0	0.59	0.05	13.2	0.238	5.2
M359926		1525	173.0	0.002	5.26	80.8	8.8	1	10.0	49.2	0.49	0.18	12.0	0.214	3.3
M359927		219	167.5	0.002	1.26	15.45	9.7	1	4.1	97.6	0.60	0.11	13.9	0.243	5.4
M359928		171.0	149.5	0.002	1.59	8.83	9.8	1	2.2	86.9	0.87	<0.05	14.0	0.236	4.7



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**CERTIFICATE OF ANALYSIS WH12219215**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M359893		48	1.2	11.9	172	91.2		
M359894		52	1.6	12.8	371	124.0		
M359895		67	5.0	13.5	1780	33.6		
M359896		62	4.6	11.5	2880	17.2		
M359897		2	0.1	0.7	20	<0.5		
M359898		74	2.5	13.2	149	21.5		
M359899		68	1.5	12.5	80	19.7		
M359900		73	0.9	13.6	27	18.8		
M359901		72	0.8	15.3	27	20.1		
M359902		73	1.3	15.0	26	18.8		
M359903		72	1.1	14.6	37	23.3		
M359904		67	4.4	11.3	720	20.4		
M359905		70	1.8	14.1	1510	20.9		
M359906		83	0.6	14.6	5320	50.3	101	0.998
M359907		73	1.6	16.0	40	21.6		
M359908		69	3.1	15.0	30	23.3		
M359909		68	4.4	13.2	37	23.5		
M359910		69	3.8	13.0	40	22.2		
M359911		70	1.6	12.6	61	22.7		
M359912		66	1.7	11.7	130	21.6		
M359913		57	5.2	10.1	5740	24.5		
M359914		69	1.5	12.2	64	23.1		
M359915		69	2.0	11.3	72	24.2		
M359916		61	4.4	9.9	394	18.8		
M359917		66	2.8	9.7	86	19.5		
M359918		60	6.3	5.4	429	15.6		
M359919		3	0.1	0.7	16	1.0		
M359920		76	1.7	11.9	55	20.4		
M359921		60	5.0	10.7	628	19.3		
M359922		69	1.5	13.3	69	22.0		
M359923		61	2.2	11.4	868	16.1		
M359924		70	1.6	11.5	43	20.7		
M359925		67	2.9	12.5	106	17.7		
M359926		61	5.7	10.6	1500	18.5		
M359927		68	4.1	13.4	251	23.5		
M359928		65	3.2	14.5	86	18.2		



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**CERTIFICATE OF ANALYSIS WH12219215**

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



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**CERTIFICATE WH12219216**

Project: Klaza-130

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219216**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359929		5.41	0.032	0.30	7.08	32.8	2410	1.89	0.20	2.70	2.76	48.0	7.3	16	13.70	27.0
M359930		3.66	1.105	5.73	6.82	488	560	1.58	2.11	1.92	23.8	49.7	7.0	15	15.70	118.5
M359931		2.30	<0.005	0.02	0.08	<5	20	<0.05	0.03	21.2	0.08	1.00	1.3	<1	0.44	1.7
M359932		3.96	0.655	38.6	7.03	307	750	1.46	3.98	1.74	72.6	47.5	6.7	14	11.80	187.5
M359933		2.64	0.391	1.67	6.71	127.5	1890	1.58	0.62	2.48	7.09	40.2	8.6	14	8.23	52.2
M359934		7.32	0.031	0.29	7.83	14.0	2120	1.57	0.32	2.62	0.60	47.2	7.4	20	7.95	46.4
M359935		<0.02	0.023	0.31	7.41	14.1	2140	1.55	0.41	2.65	0.65	46.8	7.5	16	8.05	41.9
M359936		7.97	0.027	0.43	7.55	16.5	2190	1.62	0.63	2.67	0.83	49.7	7.8	19	7.38	92.7
M359937		5.76	0.061	0.32	7.89	14.7	2420	1.64	0.74	2.48	0.16	51.8	8.4	20	7.78	80.9
M359938		0.26	0.311	>100	5.94	236	630	0.67	4.88	1.50	23.5	17.85	11.6	64	0.87	6270
M359939		7.96	0.036	0.55	7.37	14.0	2120	1.71	0.19	2.49	0.28	49.3	7.5	17	6.68	42.5
M359940		2.48	0.321	1.30	7.08	110.5	1920	1.56	0.85	2.41	0.66	49.2	6.8	17	6.57	50.2
M359941		8.60	0.034	0.11	7.26	12.0	2220	1.58	0.29	2.28	0.11	47.8	8.9	16	6.38	41.4
M359942		6.07	0.043	0.26	6.84	29.9	2090	1.61	0.31	2.29	0.39	51.0	8.5	19	7.39	76.8
M359943		2.66	0.046	0.40	7.29	42.3	1970	1.64	0.35	2.48	0.13	43.8	5.7	18	9.62	73.3
M359944		2.65	0.158	7.77	7.08	122.5	970	1.56	0.83	2.42	6.20	48.2	8.8	13	14.25	123.0
M359945		6.89	0.107	0.33	7.18	23.3	1800	1.68	0.31	2.39	0.48	55.0	8.3	17	7.82	119.5
M359946		0.26	2.30	26.6	5.96	3420	1100	1.37	18.65	2.29	77.5	39.7	10.9	18	14.30	454
M359947		3.81	0.021	0.21	7.30	10.6	2090	1.60	0.20	2.80	0.15	49.0	7.5	15	11.00	27.8
M359948		6.67	0.040	0.17	7.49	16.5	2310	1.48	0.28	2.59	0.43	47.4	8.2	18	6.61	51.9
M359949		3.21	0.043	0.31	6.93	26.5	1650	1.41	0.23	2.84	0.27	44.4	9.1	13	14.80	92.5
M359950		2.34	<0.005	0.01	0.08	<5	20	0.08	0.02	20.3	0.06	1.10	0.6	<1	0.36	2.0
M359951		7.46	0.054	0.19	7.45	7.1	2160	1.70	0.20	2.41	0.18	52.8	10.1	20	8.40	96.0
M359952		2.65	0.048	0.37	7.14	22.7	1530	1.48	0.28	2.63	0.29	48.8	7.6	14	12.30	55.4
M359953		4.78	0.132	0.59	7.11	65.9	2170	1.50	0.18	2.45	2.04	40.8	7.5	13	13.05	44.6
M359954		3.10	0.054	0.76	6.79	35.8	1350	1.44	0.39	2.68	0.81	47.8	9.0	15	15.30	56.4
M359955		7.96	0.042	0.33	7.33	22.9	1970	1.52	0.24	2.32	0.27	53.1	7.0	17	8.99	73.3
M359956		7.90	0.063	0.22	7.17	18.0	2260	1.40	0.22	2.23	0.15	49.5	7.4	19	7.30	33.4
M359957		3.12	0.033	0.26	7.42	11.1	2260	1.60	0.26	2.21	3.37	52.4	6.8	19	14.40	49.3
M359958		3.76	0.030	0.16	7.18	13.0	2180	1.38	0.21	2.48	0.24	50.9	6.5	10	12.20	45.9
M359959		2.84	0.391	7.90	6.96	74.4	1710	1.36	0.50	2.37	3.40	44.3	9.9	9	13.00	153.0
M359960		7.58	0.040	0.27	7.51	15.6	1890	1.79	0.47	1.94	0.22	46.9	11.8	12	7.47	75.9
M359961		3.40	0.047	0.16	7.29	9.5	2850	1.70	0.35	2.30	0.24	50.7	8.2	19	8.51	71.4
M359962		1.48	0.058	0.18	7.66	10.8	2590	1.67	0.41	2.29	0.13	56.2	8.4	12	8.11	58.6
M359963		2.89	0.041	0.56	7.09	26.3	1670	1.58	0.35	2.58	1.47	45.3	8.3	17	11.10	69.1
M359964		2.87	0.060	1.07	6.98	42.7	1370	1.50	0.33	2.95	2.59	45.7	7.3	10	14.75	113.5





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**CERTIFICATE OF ANALYSIS WH12219216**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359929		2.84	17.65	0.13	1.1	0.186	2.65	22.8	19.2	0.76	826	2.46	1.28	9.1	2.8	560
M359930		6.00	17.80	0.14	1.1	0.613	3.15	25.0	11.0	0.82	1620	2.17	0.05	7.9	3.0	530
M359931		0.47	0.35	0.21	<0.1	<0.005	0.04	<0.5	1.0	12.90	218	0.17	<0.01	0.3	1.4	160
M359932		5.45	17.10	0.11	1.1	0.915	3.11	23.5	13.2	0.71	1640	2.09	0.42	7.5	2.6	500
M359933		3.41	16.90	0.12	1.1	0.056	2.84	18.5	16.9	0.71	411	2.39	1.38	7.6	2.6	540
M359934		3.18	17.65	0.12	1.1	0.037	2.72	22.3	17.6	0.83	323	2.37	2.08	8.3	3.0	560
M359935		3.19	17.80	0.14	1.1	0.036	2.73	22.0	17.7	0.84	329	1.84	2.04	8.4	2.9	570
M359936		3.30	18.35	0.13	1.2	0.060	2.82	23.8	15.5	0.91	308	2.08	2.12	8.5	3.0	590
M359937		3.13	18.20	0.14	1.1	0.044	2.91	25.3	13.8	0.90	302	2.07	2.15	8.3	3.0	560
M359938		5.84	12.65	0.07	1.4	0.415	1.14	7.7	13.8	1.14	1760	23.7	1.59	3.3	26.2	420
M359939		2.98	18.30	0.13	1.1	0.049	2.73	23.7	13.4	0.86	302	1.67	2.22	8.3	2.8	540
M359940		3.18	17.10	0.14	1.1	0.048	2.70	23.9	14.9	0.76	256	2.10	1.61	7.4	2.7	510
M359941		3.13	17.45	0.13	1.1	0.024	2.65	23.2	14.1	0.91	229	1.90	2.06	7.8	3.0	560
M359942		3.17	17.60	0.15	1.0	0.027	2.78	24.8	16.0	0.81	222	1.83	1.85	7.5	2.8	520
M359943		2.86	17.90	0.13	1.0	0.033	2.86	20.8	15.8	0.76	267	1.93	1.55	7.9	2.6	530
M359944		2.85	18.00	0.12	1.1	0.039	2.91	24.4	36.1	0.86	539	1.55	0.10	7.3	2.9	530
M359945		3.07	18.25	0.17	1.0	0.041	2.74	27.5	16.7	0.77	204	2.09	1.91	8.2	2.8	510
M359946		6.31	15.40	0.11	0.9	1.655	2.72	19.4	24.7	0.95	1950	13.90	0.04	6.0	15.0	410
M359947		3.27	17.50	0.14	1.1	0.031	2.70	23.3	15.8	0.89	406	1.64	1.72	8.1	2.9	580
M359948		3.21	16.90	0.16	1.4	0.040	2.63	22.8	13.9	0.95	291	1.80	2.11	7.9	3.6	700
M359949		2.91	14.80	0.15	1.1	0.027	2.60	21.9	20.5	0.90	310	1.17	0.81	7.0	2.7	560
M359950		0.44	0.24	0.14	<0.1	0.011	0.04	0.5	1.1	12.75	208	0.09	0.01	0.2	1.6	170
M359951		2.98	17.55	0.25	1.1	0.031	2.76	28.0	14.2	0.83	217	1.65	2.21	8.1	3.4	570
M359952		3.15	16.40	0.21	1.1	0.031	2.60	23.1	15.2	0.77	409	1.76	1.48	7.8	2.8	570
M359953		2.78	16.45	0.19	1.1	0.030	2.88	19.3	17.0	0.71	474	0.98	0.94	7.3	2.7	550
M359954		3.43	16.55	0.15	1.0	0.030	2.72	23.7	15.1	0.94	327	1.39	0.48	6.5	3.5	530
M359955		2.99	17.10	0.16	1.0	0.039	2.81	27.1	15.3	0.71	277	1.29	1.67	7.9	3.2	580
M359956		2.92	15.65	0.19	1.0	0.033	2.69	25.8	14.4	0.76	239	1.74	2.09	7.3	3.0	560
M359957		2.87	16.55	0.14	1.1	0.037	2.85	27.2	13.6	0.72	322	1.55	1.79	7.9	3.0	580
M359958		2.88	16.15	0.18	0.9	0.030	2.34	27.5	29.7	0.84	286	0.79	1.24	7.4	2.6	560
M359959		3.25	15.90	0.15	0.9	0.047	2.58	23.5	22.6	0.77	308	1.11	0.91	6.4	2.5	550
M359960		3.09	16.40	0.17	1.5	0.030	3.10	25.9	15.5	0.67	257	1.68	1.81	8.3	2.5	480
M359961		2.82	16.95	0.18	1.3	0.028	2.79	25.7	12.5	0.69	171	2.08	1.86	7.7	2.7	560
M359962		3.05	17.25	0.19	1.2	0.030	2.83	29.1	11.7	0.74	175	1.50	2.08	7.6	2.7	590
M359963		3.30	15.85	0.16	1.1	0.039	2.64	22.9	17.0	0.82	340	2.16	1.18	6.7	2.8	530
M359964		3.15	15.30	0.16	1.0	0.034	2.69	23.2	20.3	0.97	552	1.26	0.74	6.8	2.6	520



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**CERTIFICATE OF ANALYSIS WH12219216**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359929		41.6	130.0	<0.002	0.58	4.73	10.7	1	2.0	312	1.03	0.05	12.3	0.241	1.67	5.8
M359930		711	188.5	<0.002	5.03	20.5	10.1	1	9.8	53.6	0.69	0.14	12.6	0.238	2.59	4.0
M359931		1.7	2.9	<0.002	0.02	<0.05	0.3	1	<0.2	39.4	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M359932		4550	172.5	<0.002	4.25	13.15	9.4	2	10.4	100.0	0.63	0.08	12.3	0.239	2.48	3.0
M359933		401	124.5	<0.002	1.49	4.36	10.3	2	3.1	289	0.62	0.14	11.6	0.244	1.52	4.0
M359934		43.0	107.5	<0.002	0.55	1.92	10.7	1	2.0	354	0.67	0.10	13.0	0.268	1.12	3.4
M359935		33.9	107.0	<0.002	0.55	1.85	10.7	1	2.0	359	0.68	0.12	12.4	0.272	1.10	3.3
M359936		66.8	115.0	<0.002	0.94	1.68	10.9	2	2.4	351	0.70	0.10	13.1	0.275	1.17	4.4
M359937		20.1	120.0	<0.002	0.66	0.97	10.9	2	2.3	359	0.69	0.23	13.3	0.266	1.19	4.5
M359938		>10000	28.0	0.011	2.28	453	11.1	3	2.0	189.5	0.21	1.02	1.8	0.252	0.47	1.2
M359939		60.9	113.0	<0.002	0.43	2.26	11.1	2	2.2	362	0.67	<0.05	13.1	0.266	1.12	4.1
M359940		132.5	120.0	<0.002	1.10	3.23	10.2	2	3.4	301	0.63	<0.05	13.1	0.241	1.08	3.9
M359941		15.4	108.0	<0.002	0.99	1.15	10.9	2	2.2	359	0.66	0.08	12.9	0.257	1.08	4.1
M359942		26.7	119.0	<0.002	1.01	5.22	10.5	2	2.5	645	0.63	0.06	13.9	0.248	1.21	4.3
M359943		28.7	122.5	<0.002	0.74	5.49	10.5	1	3.0	333	0.66	0.06	12.1	0.255	1.27	4.0
M359944		254	150.5	<0.002	1.24	40.4	10.4	1	4.5	107.5	0.61	0.08	12.9	0.241	1.78	5.7
M359945		75.7	121.0	<0.002	0.70	3.13	10.6	2	2.5	302	0.69	0.08	13.8	0.256	1.25	4.4
M359946		2910	163.0	<0.002	4.78	87.4	7.7	2	7.9	90.5	0.47	0.35	9.4	0.187	2.22	5.0
M359947		16.5	113.5	<0.002	0.71	2.37	11.2	2	2.1	340	0.65	0.05	13.8	0.273	1.19	4.1
M359948		24.1	98.9	<0.002	0.64	1.02	11.9	1	2.6	400	0.65	0.11	12.9	0.287	1.23	3.9
M359949		18.4	101.0	<0.002	0.89	8.61	9.9	1	2.1	204	0.60	0.14	12.2	0.245	1.66	4.9
M359950		1.3	1.9	<0.002	<0.01	0.09	0.3	1	<0.2	41.9	<0.05	<0.05	<0.2	<0.005	0.02	0.4
M359951		16.9	111.0	<0.002	0.76	1.90	11.0	1	2.5	359	0.71	0.11	14.0	0.250	1.29	4.1
M359952		20.2	106.5	<0.002	1.03	6.20	11.1	1	2.6	267	0.62	0.09	12.2	0.253	1.39	4.1
M359953		97.2	116.5	<0.002	0.80	6.80	10.3	1	2.5	227	0.61	0.07	11.6	0.242	1.52	4.8
M359954		54.2	127.5	<0.002	1.66	6.24	10.0	2	3.8	133.0	0.55	0.12	12.6	0.208	1.85	4.5
M359955		60.4	118.5	<0.002	0.76	3.27	11.3	1	3.5	301	0.66	0.07	14.1	0.250	1.43	4.4
M359956		49.3	97.0	<0.002	0.74	1.16	10.1	2	2.3	344	0.64	0.08	14.1	0.240	1.23	4.5
M359957		146.0	119.5	<0.002	0.94	2.10	11.4	2	2.6	309	0.71	0.10	13.9	0.254	1.61	4.5
M359958		22.6	91.4	0.002	0.62	6.31	10.9	1	2.1	265	0.66	0.08	13.6	0.250	1.23	4.2
M359959		70.5	99.1	<0.002	1.42	37.6	10.2	1	3.2	224	0.50	0.09	12.0	0.217	1.32	3.7
M359960		22.4	141.0	<0.002	1.28	2.56	9.7	1	2.8	294	0.97	0.15	18.2	0.205	1.52	7.3
M359961		18.6	111.0	<0.002	1.06	2.58	10.8	2	2.3	358	0.71	0.21	14.0	0.234	1.33	5.2
M359962		18.6	115.0	<0.002	1.21	2.04	11.1	1	2.4	391	0.70	0.15	15.4	0.244	1.33	5.3
M359963		194.0	99.5	<0.002	1.37	7.73	9.5	1	2.2	244	0.55	0.13	13.5	0.218	1.36	4.0
M359964		278	108.0	<0.002	1.26	16.70	9.9	1	2.5	179.0	0.59	0.13	12.7	0.230	1.56	4.0



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**CERTIFICATE OF ANALYSIS WH12219216**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M359929		65	1.9	15.1	214	24.1		
M359930		68	5.8	12.2	1830	25.3		
M359931		1	0.1	0.7	14	<0.5		
M359932		65	4.4	12.0	5820	24.7		
M359933		69	1.3	13.2	476	25.6		
M359934		73	0.8	14.9	59	27.2		
M359935		75	0.8	14.9	59	26.5		
M359936		74	1.2	16.3	95	28.2		
M359937		72	0.9	17.6	30	26.6		
M359938		84	0.6	13.0	5190	49.5	100	1.025
M359939		72	1.1	17.1	31	27.2		
M359940		68	2.0	14.7	45	25.7		
M359941		71	1.9	17.0	24	26.5		
M359942		69	2.0	16.0	38	24.7		
M359943		71	2.3	13.1	27	24.8		
M359944		68	3.9	12.8	425	26.2		
M359945		68	1.4	14.8	48	24.8		
M359946		58	5.4	9.6	5570	26.9		
M359947		77	1.4	15.1	32	26.7		
M359948		82	0.9	15.8	36	28.6		
M359949		68	1.5	12.8	42	22.8		
M359950		2	0.1	0.8	13	<0.5		
M359951		67	1.0	16.1	24	24.2		
M359952		71	2.2	13.3	39	21.3		
M359953		65	2.3	13.3	115	22.9		
M359954		60	2.3	12.3	74	20.6		
M359955		67	1.7	14.3	34	22.5		
M359956		64	0.9	14.7	26	20.9		
M359957		69	3.9	13.8	210	21.3		
M359958		65	2.1	13.5	32	21.2		
M359959		62	2.7	13.5	196	20.2		
M359960		58	2.0	15.8	30	27.8		
M359961		63	2.3	14.5	24	27.1		
M359962		67	2.5	14.6	23	25.0		
M359963		60	2.7	12.7	110	21.9		
M359964		63	3.1	12.6	184	20.9		



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



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**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

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Finalized Date: 30-SEP-2012  
Account: ROCKHA

**CERTIFICATE WH12219217**

Project: Klaza-130

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 30-SEP-2012  
Account: ROCKHA

Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219217**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M359965		5.74	0.034	0.59	7.17	14.7	2000	1.48	0.29	2.58	0.33	47.1	8.6	9	7.99	146.5
M359966		0.26	0.272	>100	5.56	239	610	0.67	5.49	1.42	24.9	19.40	11.5	64	0.87	6110
M359967		7.48	0.034	0.15	7.55	5.4	2100	1.57	0.16	2.27	0.10	48.3	7.0	11	8.23	98.5
M359968		2.74	0.073	0.13	7.52	5.9	2310	1.49	0.23	2.35	0.10	49.8	6.7	12	8.21	148.0
M359969		2.55	0.179	0.40	7.73	52.2	1210	1.45	0.63	2.22	0.17	48.2	8.9	13	10.10	384
M359970		3.59	0.042	0.11	7.53	9.2	1900	1.33	0.14	2.39	0.07	50.6	6.3	12	7.99	93.8
M359971		8.08	0.094	0.08	7.61	8.2	2270	1.50	0.17	2.58	0.14	47.8	6.7	11	8.72	86.9
M359972		7.93	0.027	0.06	7.53	5.2	2270	1.57	0.17	2.29	0.12	46.1	7.4	13	8.19	49.2
M359973		<0.02	0.023	0.06	7.38	5.0	2250	1.62	0.17	2.26	0.11	47.1	7.2	13	7.72	51.3
M359974		6.65	0.017	0.13	7.05	7.9	2080	1.44	0.23	2.78	0.60	45.8	6.6	11	7.79	64.7
M359975		3.66	0.397	13.85	7.17	176.5	940	1.36	9.10	2.03	7.01	51.6	7.3	11	11.25	768
M359976		4.87	0.231	1.96	7.17	238	610	1.62	2.15	1.97	5.61	45.8	6.8	9	13.20	85.8
M359977		1.78	0.012	0.02	0.10	<5	30	0.09	0.03	20.2	0.06	1.37	1.1	<1	0.37	2.5
M359978		3.83	0.027	0.18	7.27	18.3	2370	1.59	0.21	2.30	0.14	43.9	8.8	11	12.15	42.3
M359979		5.49	0.022	0.11	7.39	6.3	2310	1.61	0.36	2.21	0.14	47.4	8.4	11	10.80	56.6
M359980		7.77	0.037	0.36	7.39	10.9	2330	1.58	0.75	2.31	0.31	42.4	7.9	11	8.83	121.0
M359981		5.15	0.045	0.12	7.02	9.8	2610	1.31	0.32	3.11	0.15	44.9	7.7	10	11.45	104.0
M359982		5.98	0.029	0.15	7.08	9.6	2050	1.64	0.34	2.65	0.19	43.7	7.6	10	10.90	75.6
M359983		5.64	0.028	0.22	7.17	10.8	2240	1.39	0.36	2.77	6.72	39.3	8.9	11	10.95	102.5
M359984		7.11	0.026	0.20	7.49	10.5	2310	1.58	1.03	2.37	0.21	46.8	7.6	17	8.96	102.0
M359985		0.26	4.89	>100	5.32	7810	860	1.06	61.8	1.94	220	31.3	9.1	18	10.85	1255
M359986		3.12	0.030	0.22	7.57	16.2	2470	1.58	0.45	2.34	0.28	47.1	8.4	11	10.80	94.0
M359987		3.26	0.065	0.99	6.88	70.2	1770	1.39	1.47	2.70	6.46	39.3	6.8	10	15.40	99.4
M359988		2.60	0.041	0.19	6.92	31.3	1650	1.34	0.25	3.16	0.17	42.6	5.2	8	19.65	88.0
M359989		2.78	0.121	2.18	7.57	99.6	1350	1.61	1.98	2.17	9.95	52.0	10.0	10	16.05	207
M359990		4.68	1.915	5.36	5.45	419	980	0.94	25.9	1.45	1.54	31.5	28.0	14	8.88	747
M359991		1.46	<0.005	0.02	0.12	<5	30	0.07	0.06	20.5	0.08	1.40	1.3	<1	0.67	3.4
M359992		5.09	0.131	0.62	7.79	27.6	1510	1.84	2.01	2.60	0.36	47.6	9.1	43	13.45	290
M359993		2.51	2.01	4.89	5.95	190.5	350	1.19	16.35	1.75	0.92	29.0	36.4	34	12.25	1060
M359994		3.08	0.134	0.64	7.34	27.7	1140	1.41	1.44	2.61	0.87	46.5	8.2	9	17.20	202
M359995		7.52	0.037	0.17	7.45	7.1	2220	1.43	0.67	2.28	0.10	47.1	7.3	11	8.11	100.0
M359996		8.44	0.038	0.24	7.66	7.4	2400	1.49	0.81	2.48	0.13	49.0	7.8	11	9.61	188.0
M359997		2.85	0.045	0.20	7.35	11.2	3190	1.57	0.37	2.55	0.14	43.0	6.7	10	11.60	207
M359998		1.46	0.038	0.13	7.12	9.6	3330	1.41	0.31	2.60	0.11	42.4	6.9	10	11.75	138.5
M359999		7.36	0.074	0.42	7.52	50.9	770	1.48	0.78	2.61	1.33	51.6	9.8	9	13.95	128.0
M360000		4.76	<0.005	0.10	7.13	29.0	2960	1.90	0.22	3.14	0.10	54.9	5.5	13	15.00	8.1



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Plus Appendix Pages  
Finalized Date: 30-SEP-2012  
Account: ROCKHA

Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219217**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M359965		3.17	15.95	0.16	0.9	0.032	2.70	26.3	17.2	0.80	202	1.02	1.78	7.8	2.5	560
M359966		5.81	11.85	0.16	1.7	0.456	1.12	9.9	12.5	1.18	1730	22.5	1.59	3.5	26.4	450
M359967		3.07	16.15	0.16	1.0	0.029	2.76	27.4	15.2	0.89	220	1.24	1.99	8.1	2.5	580
M359968		3.05	16.05	0.18	1.0	0.021	2.62	28.5	14.3	0.85	156	1.00	1.96	7.8	2.4	570
M359969		3.53	16.90	0.17	0.9	0.054	2.93	27.2	17.3	0.77	175	2.83	1.24	6.4	2.8	590
M359970		2.97	15.75	0.18	0.9	0.026	2.69	28.3	13.3	0.83	215	1.87	1.97	7.4	2.5	590
M359971		3.06	16.40	0.17	1.0	0.034	2.71	26.7	14.2	0.91	246	2.41	2.03	8.0	2.4	600
M359972		3.12	16.15	0.16	1.0	0.031	2.66	25.3	12.0	0.91	272	2.81	2.25	8.5	2.7	590
M359973		3.05	16.35	0.18	1.0	0.030	2.61	25.7	11.4	0.89	264	1.60	2.20	8.3	2.6	580
M359974		2.97	15.60	0.16	1.0	0.040	2.53	25.2	18.3	0.77	231	1.34	1.70	7.9	2.6	570
M359975		3.67	15.45	0.19	0.9	1.025	3.17	30.9	13.4	0.97	854	1.47	0.06	5.8	2.3	520
M359976		4.12	16.00	0.17	1.0	0.159	3.20	26.0	10.9	0.84	965	0.97	0.04	7.2	3.0	550
M359977		0.48	0.34	0.09	<0.1	0.005	0.04	0.7	1.2	13.35	205	0.09	0.01	0.3	1.9	170
M359978		3.07	15.75	0.14	1.0	0.026	2.71	23.3	18.1	0.84	276	1.31	1.60	8.0	2.6	570
M359979		3.17	15.85	0.18	0.9	0.027	2.62	25.8	21.9	0.90	186	2.84	1.76	7.7	2.5	600
M359980		3.14	16.05	0.17	1.0	0.034	2.61	22.9	16.2	0.83	199	0.97	2.04	8.0	2.4	590
M359981		3.01	15.35	0.16	0.9	0.024	2.60	24.5	17.7	0.92	261	1.55	1.30	7.3	2.5	570
M359982		3.07	15.70	0.16	0.9	0.028	2.54	23.4	32.9	0.73	219	1.41	1.67	7.7	2.6	570
M359983		3.08	15.60	0.15	0.9	0.031	2.52	20.5	17.6	0.84	350	0.97	1.74	7.8	2.6	580
M359984		3.08	18.55	0.17	0.9	0.040	2.77	24.9	16.1	0.88	216	0.82	2.15	8.4	2.7	600
M359985		8.03	13.95	0.19	1.0	4.77	2.28	16.4	28.7	0.65	3130	17.05	0.08	5.9	13.2	440
M359986		3.15	18.50	0.15	0.9	0.037	2.76	25.8	21.4	0.84	182	0.79	1.91	7.5	2.5	600
M359987		3.16	18.50	0.16	0.9	0.268	2.70	20.2	38.4	0.91	334	10.10	0.71	8.0	2.8	590
M359988		2.91	17.15	0.15	0.8	0.027	2.61	22.5	34.8	1.06	330	1.27	0.64	8.0	2.3	570
M359989		3.68	18.25	0.19	0.9	0.268	3.13	29.5	13.7	0.94	591	1.72	0.52	6.3	2.6	600
M359990		12.80	13.15	0.26	0.7	0.387	2.45	17.4	11.4	0.73	455	3.84	0.20	3.3	3.1	450
M359991		0.50	0.41	0.07	<0.1	<0.005	0.05	0.7	1.5	13.45	220	0.51	0.01	0.2	2.9	170
M359992		4.17	18.50	0.16	1.4	0.235	2.85	25.5	27.7	1.44	408	2.43	0.88	6.8	8.1	990
M359993		10.90	15.55	0.22	1.1	0.515	2.69	14.6	27.3	0.82	562	7.05	0.06	5.1	6.1	750
M359994		3.03	17.45	0.12	0.8	0.053	2.94	25.4	24.8	0.95	377	1.12	0.71	6.8	2.3	590
M359995		3.08	17.05	0.15	0.8	0.025	2.65	25.3	16.6	0.85	162	1.28	2.00	7.0	2.6	590
M359996		3.16	18.20	0.18	1.0	0.029	2.82	26.6	18.2	0.84	178	1.61	1.92	8.0	2.5	610
M359997		2.78	17.65	0.15	1.0	0.022	2.69	22.7	20.4	0.77	164	1.56	1.84	7.9	2.4	580
M359998		2.78	16.95	0.16	1.0	0.016	2.56	22.6	21.7	0.79	178	1.26	1.64	7.7	2.4	550
M359999		3.20	17.20	0.17	0.9	0.024	3.04	28.3	20.3	0.95	483	1.57	0.53	6.7	2.8	600
M360000		2.20	18.25	0.17	2.0	0.028	2.88	29.5	25.4	1.01	503	0.95	0.07	9.9	4.6	790



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Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219217**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M359965		20.8	99.3	<0.002	0.98	6.39	9.9	2	2.5	303	0.71	0.08	13.7	0.239	1.31	4.1
M359966		>10000	30.4	0.008	2.30	464	11.5	3	2.0	189.5	0.25	1.14	2.4	0.244	0.51	1.6
M359967		19.0	103.0	<0.002	0.42	1.23	10.4	1	2.2	342	0.77	0.06	14.7	0.248	1.23	4.2
M359968		16.2	101.5	<0.002	0.71	1.47	10.6	2	2.0	353	0.74	0.08	16.0	0.245	1.20	4.6
M359969		15.4	116.5	<0.002	1.80	7.16	11.1	2	3.9	276	0.55	0.20	14.9	0.224	1.59	4.9
M359970		14.8	103.5	<0.002	0.46	1.33	10.6	1	2.0	340	0.63	<0.05	13.7	0.249	1.30	3.5
M359971		16.1	102.5	<0.002	0.46	1.68	10.6	1	2.3	369	0.75	0.05	14.1	0.257	1.28	4.4
M359972		18.8	94.0	<0.002	0.44	0.80	10.2	1	2.0	395	0.82	0.05	14.8	0.259	1.15	5.1
M359973		18.3	91.5	<0.002	0.44	0.77	10.2	1	2.0	387	0.79	0.05	14.5	0.255	1.11	4.9
M359974		43.3	89.3	<0.002	0.57	4.95	10.0	1	2.0	332	0.70	0.05	13.9	0.238	1.19	5.2
M359975		109.0	171.0	<0.002	2.96	71.6	9.9	2	7.0	85.5	0.54	0.23	16.2	0.191	2.38	4.7
M359976		178.5	158.5	<0.002	3.20	16.40	10.2	2	8.5	60.6	0.67	0.09	14.3	0.229	3.07	4.5
M359977		1.2	2.5	<0.002	0.01	0.14	0.2	1	<0.2	43.9	<0.05	<0.05	0.2	<0.005	0.02	0.5
M359978		17.6	96.9	<0.002	0.75	3.27	10.1	1	2.3	321	0.73	0.06	12.7	0.255	1.48	4.0
M359979		17.3	93.2	<0.002	1.04	1.37	10.4	2	2.2	332	0.67	0.09	14.2	0.254	1.39	4.3
M359980		27.6	104.5	<0.002	0.97	1.51	10.6	2	2.7	352	0.73	0.10	13.1	0.255	1.42	4.0
M359981		13.7	97.2	<0.002	1.06	3.90	10.1	2	2.4	283	0.64	0.10	14.8	0.238	1.40	4.1
M359982		21.4	97.2	<0.002	1.03	3.33	10.2	1	2.5	299	0.66	0.12	13.2	0.250	1.35	4.5
M359983		79.8	84.3	<0.002	0.80	3.68	10.2	1	2.6	323	0.69	0.13	12.7	0.256	1.36	4.5
M359984		23.6	99.2	<0.002	0.75	2.15	10.4	2	2.7	363	0.71	0.10	13.7	0.257	1.23	4.2
M359985		9560	127.0	<0.002	6.88	213	7.0	3	8.7	120.0	0.47	0.48	8.9	0.182	1.90	5.3
M359986		22.2	108.0	<0.002	1.16	3.88	10.9	2	2.9	353	0.62	0.10	12.9	0.247	1.34	4.0
M359987		243	86.1	<0.002	1.32	7.91	9.5	1	5.0	197.5	0.67	0.10	10.9	0.247	1.48	3.8
M359988		12.6	85.6	<0.002	0.36	5.74	9.9	1	2.2	192.0	0.66	0.05	10.9	0.249	1.47	3.0
M359989		371	148.5	<0.002	2.78	26.1	10.7	2	7.1	183.0	0.51	0.29	14.3	0.222	2.24	4.1
M359990		130.5	129.5	<0.002	>10.0	31.3	7.4	4	8.1	102.5	0.27	0.98	9.3	0.130	1.59	3.2
M359991		1.4	3.9	<0.002	0.02	0.12	0.4	1	<0.2	41.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M359992		41.5	128.5	<0.002	2.60	7.50	12.1	3	5.7	306	0.61	0.27	10.5	0.243	1.94	5.6
M359993		79.6	116.5	0.002	>10.0	8.30	9.6	4	9.0	78.9	0.40	1.30	7.2	0.189	1.73	4.2
M359994		47.4	111.0	<0.002	1.53	6.11	10.0	2	2.9	180.0	0.57	0.20	12.6	0.231	1.80	4.1
M359995		18.0	89.8	<0.002	1.31	1.52	10.1	2	2.5	385	0.57	0.12	12.1	0.241	1.16	3.9
M359996		18.3	99.9	<0.002	1.27	1.97	10.2	2	2.8	374	0.72	0.22	14.4	0.250	1.26	4.8
M359997		16.6	88.4	<0.002	0.95	1.21	9.8	2	2.3	478	0.70	0.11	13.0	0.243	1.23	4.5
M359998		15.5	86.7	<0.002	0.95	1.60	9.2	2	2.2	498	0.63	0.12	12.3	0.233	1.14	4.1
M359999		50.1	123.0	<0.002	2.12	11.05	10.1	2	3.1	273	0.57	0.31	14.0	0.230	1.99	4.1
M360000		13.6	111.0	<0.002	0.18	6.86	5.9	1	1.4	159.5	0.83	<0.05	10.5	0.253	2.05	5.5





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**CERTIFICATE OF ANALYSIS WH12219217**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M359965		67	2.6	15.0	31	24.3			
M359966		80	0.6	15.9	5180	57.0	102	1.040	
M359967		68	1.8	17.2	22	24.3			
M359968		68	3.3	14.8	17	24.9			
M359969		71	5.8	13.3	23	23.1			
M359970		69	5.2	15.3	16	22.5			
M359971		70	1.4	16.2	23	24.1			
M359972		71	1.4	17.5	23	25.5			
M359973		70	1.3	17.1	23	24.0			
M359974		68	1.8	15.8	46	24.1			
M359975		62	9.9	11.2	556	23.9			
M359976		67	9.1	11.0	426	23.9			
M359977		2	0.1	0.8	14	0.5			
M359978		72	1.5	14.6	24	23.3			
M359979		70	2.0	13.4	21	22.7			
M359980		71	2.5	15.3	31	23.7			
M359981		67	3.6	14.2	28	22.7			
M359982		70	1.8	13.5	31	21.3			
M359983		70	1.3	14.1	373	21.4			
M359984		70	1.2	14.3	28	22.5			
M359985		52	4.8	8.7	>10000	31.5	117	1.570	
M359986		69	1.9	12.7	38	21.1			
M359987		68	2.4	11.2	578	22.8			
M359988		67	1.5	12.3	39	21.2			
M359989		68	4.3	11.4	877	22.5			
M359990		53	3.5	9.5	135	21.5			
M359991		3	0.1	0.8	14	<0.5			
M359992		91	3.2	11.9	69	46.4			
M359993		75	5.5	9.5	128	40.7			
M359994		68	2.4	11.0	95	21.2			
M359995		69	3.5	11.2	33	20.0			
M359996		69	2.6	12.1	30	23.6			
M359997		67	2.3	11.3	24	24.9			
M359998		64	2.1	11.5	24	24.6			
M359999		68	2.8	11.3	151	26.0			
M360000		52	1.7	11.1	46	72.0			



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**CERTIFICATE OF ANALYSIS WH12219217**

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



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**CERTIFICATE WH12219218**

Project: Klaza-130

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219218**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M356001		5.29	0.058	0.46	6.99	65.9	820	1.68	0.65	3.34	0.11	53.7	9.4	8	16.60	183.0
M356002		5.74	0.066	0.27	6.74	49.5	1740	1.57	0.71	2.51	0.10	43.8	10.9	9	11.80	180.0
M356003		7.69	0.140	0.70	6.71	35.7	2020	1.38	0.82	2.50	0.66	38.4	9.3	9	12.85	381
M356004		0.26	2.29	25.9	5.61	3070	1680	1.45	18.95	2.19	80.0	43.2	10.6	19	14.30	427
M356005		4.77	0.079	0.44	6.93	23.0	1330	1.35	0.97	2.46	0.15	41.8	6.2	9	9.18	160.0
M356006		4.27	0.081	2.00	6.98	52.0	1070	1.32	2.41	2.34	8.10	38.1	11.5	9	11.60	146.0
M356007		2.59	0.044	0.31	6.81	43.1	1470	1.43	0.52	2.55	0.16	43.9	6.0	9	12.50	222
M356008		2.87	1.135	7.00	6.02	239	790	1.13	9.39	1.87	4.81	45.8	25.9	7	7.92	537
M356009		3.20	<0.005	0.06	0.05	<5	20	<0.05	0.05	20.8	0.06	0.94	0.5	<1	0.10	2.7
M356010		5.12	0.046	0.28	7.03	12.5	1170	1.47	0.59	2.38	0.14	42.1	6.6	8	9.20	217
M356011		3.19	0.074	0.22	7.17	29.0	880	1.30	0.57	2.31	0.08	39.9	9.9	9	12.10	179.5
M356012		1.72	0.056	0.24	6.86	26.2	1100	1.48	0.65	2.49	0.12	39.2	7.1	9	11.00	235
M356013		4.93	0.099	0.47	7.06	86.1	800	1.30	0.77	2.66	0.18	45.0	7.7	8	14.25	436
M356014		3.85	0.030	0.30	6.77	30.2	850	1.35	0.74	2.38	0.12	39.9	20.4	8	9.99	98.8
M356015		3.35	0.096	0.37	6.80	29.1	830	1.29	1.14	2.84	0.13	40.8	9.9	10	13.30	100.5
M356016		3.24	0.036	0.85	7.61	19.1	1590	1.28	0.62	3.30	0.16	32.1	21.1	319	18.30	296
M356017		3.00	0.049	1.00	7.00	39.6	1640	1.37	0.66	3.36	0.59	32.7	11.6	154	26.2	201
M356018		4.33	0.056	1.58	7.01	70.1	2100	1.31	1.14	2.61	4.26	30.1	11.5	75	16.45	274
M356019		3.39	0.209	3.22	6.85	49.7	1160	1.34	0.94	2.22	1.54	30.4	18.9	63	15.35	905
M356020		0.26	2.25	24.9	5.88	3230	1580	1.30	18.75	2.27	77.1	40.6	9.9	18	13.30	441
M356021		8.57	0.163	3.79	7.25	47.1	1280	1.22	0.86	2.17	0.49	33.1	14.6	82	14.35	1190
M356022		3.93	0.082	2.06	7.36	80.6	1610	1.43	1.10	2.96	0.63	32.4	14.3	225	19.00	605
M356023		3.55	0.129	4.50	6.75	123.0	1140	1.24	4.91	1.93	3.30	42.0	10.7	8	13.00	243
M356024		2.82	0.038	0.93	7.19	61.5	1130	1.45	1.00	2.58	0.69	46.0	9.7	8	15.40	258
M356025		2.73	0.179	25.2	6.50	124.5	910	1.36	55.1	1.86	5.50	43.9	9.8	7	10.45	177.5
M356026		2.28	<0.005	0.15	0.05	<5	30	<0.05	0.10	21.1	0.06	1.09	0.5	<1	0.09	2.2
M356027		3.18	0.068	7.57	7.20	109.5	1210	1.61	3.34	2.14	1.93	52.1	7.8	8	15.30	466
M356028		4.07	0.036	2.38	7.24	83.8	860	1.41	4.31	1.21	4.60	51.3	6.1	8	10.40	230
M356029		7.54	0.161	3.45	7.03	178.0	1110	1.34	4.60	1.39	7.89	51.4	8.3	9	11.00	466
M356030		3.65	0.040	0.87	7.14	55.8	1580	1.57	1.21	2.38	0.80	48.2	6.6	9	13.65	251
M356031		5.27	0.077	1.13	7.36	120.5	1240	1.43	1.82	2.08	0.79	49.6	7.3	8	13.60	338
M356032		4.47	0.143	2.74	6.72	179.0	1070	1.50	2.80	2.13	2.77	45.0	8.9	7	12.70	391
M356033		4.99	0.183	0.81	7.33	52.2	1820	1.38	0.68	2.35	0.35	48.4	6.8	7	14.40	205
M356034		3.50	0.037	0.63	7.47	25.5	2670	1.27	0.56	1.61	0.19	41.6	8.8	15	9.90	201
M356035		<0.02	0.035	0.59	7.73	23.6	2710	1.35	0.51	1.61	0.19	46.5	8.5	12	10.40	201
M356036		7.90	0.037	0.42	7.51	13.5	2580	1.38	0.38	1.73	0.39	52.0	8.0	9	8.01	113.0



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**CERTIFICATE OF ANALYSIS WH12219218**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356001		3.26	16.60	0.12	1.0	0.024	2.82	32.0	24.2	1.12	418	1.22	0.17	6.6	3.2	570
M356002		3.24	17.40	0.11	1.0	0.025	2.91	24.4	23.3	0.78	247	1.41	1.43	6.7	3.4	590
M356003		3.09	16.30	0.12	1.0	0.045	3.05	20.9	22.8	0.76	290	2.38	1.36	6.6	2.9	580
M356004		6.53	14.80	0.11	0.9	1.640	2.63	23.6	25.8	0.88	1860	12.35	0.04	5.8	16.2	420
M356005		2.92	15.65	0.11	0.9	0.027	3.05	21.8	15.8	0.73	196	1.00	1.41	5.4	2.5	560
M356006		4.66	16.05	0.13	0.9	0.427	3.04	18.9	19.8	0.80	374	2.16	0.53	4.9	2.8	530
M356007		3.10	16.25	0.14	1.1	0.032	3.19	23.0	17.5	0.74	281	0.59	0.85	5.3	2.6	590
M356008		7.06	14.70	0.09	0.8	0.128	2.82	27.5	16.8	0.69	1080	8.12	0.06	3.4	3.8	450
M356009		0.52	0.16	0.06	<0.1	0.010	0.02	0.5	1.0	13.05	210	0.05	<0.01	0.1	1.4	270
M356010		3.24	16.50	0.14	0.9	0.034	2.97	21.1	20.0	0.72	207	0.91	1.11	6.7	2.6	590
M356011		3.22	16.45	0.11	0.9	0.021	2.91	19.8	20.5	0.67	160	0.90	0.90	5.6	2.7	570
M356012		3.17	16.15	0.10	1.0	0.035	2.86	20.8	16.7	0.77	183	1.30	1.30	6.4	2.7	590
M356013		4.35	15.40	0.10	0.9	0.024	2.96	26.2	25.5	1.09	218	1.13	0.17	5.5	3.0	540
M356014		4.75	14.65	0.12	1.0	0.047	2.88	21.7	27.0	0.96	230	6.62	1.01	5.4	3.3	560
M356015		3.64	14.40	0.09	1.0	0.028	3.12	23.7	15.5	1.13	235	0.89	0.80	5.4	3.7	560
M356016		5.57	17.65	0.11	2.0	0.145	1.83	14.6	45.1	3.50	592	1.67	1.46	6.2	116.5	730
M356017		3.85	15.55	0.10	1.7	0.089	2.62	16.3	17.9	1.75	862	1.93	0.79	5.4	50.7	640
M356018		3.83	17.05	0.13	1.6	0.154	3.01	14.9	19.0	1.50	1150	1.96	0.90	6.2	30.2	630
M356019		4.96	16.85	0.12	1.7	0.073	3.97	15.5	9.5	1.22	907	2.17	0.40	5.7	24.6	620
M356020		6.84	13.70	0.09	0.9	1.535	2.76	21.6	22.9	0.92	1920	11.45	0.04	5.5	15.0	450
M356021		4.36	17.25	0.09	1.8	0.090	3.62	16.5	18.7	1.45	637	2.12	0.88	5.6	29.2	640
M356022		5.08	17.60	0.12	1.9	0.130	2.84	15.4	32.7	2.46	1660	1.84	1.03	5.5	83.2	690
M356023		5.88	15.70	0.12	0.8	0.181	3.18	24.2	13.3	0.98	2220	1.48	0.04	4.9	5.3	510
M356024		3.56	15.65	0.12	0.9	0.098	3.15	25.9	24.6	1.04	615	2.02	0.15	5.3	3.1	570
M356025		5.67	15.45	0.12	0.9	0.166	3.13	23.6	13.6	0.80	1290	1.81	0.26	5.4	2.9	500
M356026		0.48	0.16	0.07	<0.1	0.008	0.02	0.5	1.0	13.30	211	0.08	0.01	0.1	1.4	170
M356027		4.33	15.95	0.12	1.1	0.112	3.33	28.5	11.8	0.90	889	1.22	0.34	6.4	2.7	560
M356028		5.03	14.50	0.15	1.2	0.177	3.27	28.9	6.4	0.61	785	1.27	0.04	6.0	2.6	520
M356029		5.27	16.05	0.10	1.0	0.195	3.26	27.4	10.5	0.68	455	1.76	0.05	5.4	3.0	520
M356030		3.05	16.90	0.13	1.0	0.073	3.00	25.6	19.1	0.82	329	1.05	0.71	7.0	2.6	560
M356031		3.95	16.45	0.13	1.1	0.098	3.19	28.8	20.2	0.83	366	1.60	0.23	6.7	2.5	560
M356032		4.41	16.45	0.13	1.0	0.121	3.11	27.1	19.3	0.86	918	1.97	0.05	5.7	2.7	540
M356033		3.23	16.00	0.11	1.1	0.056	3.05	26.6	29.4	0.85	301	1.54	0.09	6.8	2.8	560
M356034		3.13	16.55	0.12	1.1	0.034	3.03	24.2	26.6	0.63	246	3.44	0.27	7.2	4.2	580
M356035		3.10	17.20	0.12	1.2	0.043	3.02	26.0	26.8	0.62	244	2.47	0.22	7.6	3.6	590
M356036		3.05	17.45	0.11	1.1	0.041	2.97	29.0	23.0	0.70	193	1.73	1.37	7.9	2.5	580



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M356001		18.5	137.5	<0.002	1.51	18.40	10.3	1	2.8	135.5	0.48	0.35	12.2	0.228	4.1
M356002		13.3	113.5	<0.002	1.72	5.89	10.2	1	2.7	286	0.51	0.35	10.5	0.238	3.8
M356003		43.0	121.0	<0.002	1.50	4.36	9.3	1	2.8	313	0.51	0.41	10.8	0.227	3.8
M356004		2790	163.0	0.002	4.56	93.7	8.1	1	8.0	88.8	0.43	0.40	9.8	0.179	4.9
M356005		23.5	115.5	<0.002	1.52	11.00	9.0	1	2.5	352	0.42	0.30	11.5	0.211	3.9
M356006		516	134.5	0.002	3.81	9.28	9.4	3	4.9	169.5	0.35	0.42	10.9	0.186	4.6
M356007		15.9	134.5	<0.002	1.94	8.08	9.9	1	3.0	259	0.43	0.19	10.9	0.200	3.6
M356008		156.5	141.5	0.004	6.76	48.0	8.3	2	10.0	57.5	0.29	1.00	9.2	0.135	2.8
M356009		1.6	0.8	<0.002	0.03	0.15	0.1	<1	0.2	42.2	<0.05	<0.05	<0.2	<0.005	0.6
M356010		15.3	115.0	<0.002	1.44	3.09	9.6	2	3.0	280	0.54	0.18	10.7	0.232	3.4
M356011		15.6	117.5	<0.002	2.26	17.75	9.7	2	3.3	283	0.41	0.24	10.7	0.214	3.8
M356012		14.9	107.5	<0.002	1.70	6.27	10.0	1	3.2	305	0.48	0.25	11.0	0.234	3.7
M356013		24.4	132.5	<0.002	3.34	13.80	9.5	2	4.0	144.5	0.42	0.31	11.8	0.208	3.6
M356014		27.0	124.0	<0.002	3.75	6.29	9.7	4	3.2	235	0.41	0.27	10.7	0.190	4.1
M356015		27.1	143.0	<0.002	2.54	10.15	9.6	1	3.1	302	0.42	0.42	11.1	0.210	3.9
M356016		32.2	110.5	<0.002	1.19	4.37	20.8	1	2.2	1485	0.43	0.15	6.1	0.351	2.8
M356017		76.4	121.0	<0.002	1.58	5.82	11.7	1	2.2	369	0.45	0.15	7.2	0.245	3.5
M356018		122.5	133.0	<0.002	2.62	5.17	9.2	1	3.3	3300	0.51	0.25	8.1	0.219	4.1
M356019		80.5	190.5	0.002	4.02	4.51	8.6	2	4.8	214	0.46	0.34	8.4	0.207	5.0
M356020		2920	158.0	0.002	4.79	88.1	7.6	<1	7.6	84.8	0.43	0.36	9.3	0.183	4.8
M356021		30.9	163.0	<0.002	2.89	6.44	9.4	2	4.0	354	0.51	0.36	8.2	0.209	4.7
M356022		70.3	147.0	<0.002	2.10	10.35	15.9	1	3.1	727	0.43	0.27	6.4	0.296	3.5
M356023		398	169.5	<0.002	5.63	30.2	8.9	3	8.8	86.8	0.37	0.42	10.6	0.193	3.4
M356024		47.0	137.5	<0.002	2.36	27.5	9.5	2	4.0	138.5	0.40	0.13	11.0	0.205	3.2
M356025		841	145.0	<0.002	5.27	21.3	8.8	3	8.4	88.3	0.49	0.44	10.9	0.183	4.7
M356026		2.1	0.8	<0.002	0.01	0.09	0.1	<1	0.2	47.2	<0.05	<0.05	<0.2	<0.005	0.8
M356027		82.0	164.0	0.002	3.58	70.6	10.1	4	5.0	128.0	0.67	0.46	12.8	0.205	5.5
M356028		114.0	148.5	<0.002	4.45	19.55	9.6	6	6.7	35.2	0.55	0.44	12.0	0.207	4.0
M356029		243	159.0	0.002	4.83	42.9	9.4	3	9.8	49.2	0.56	0.44	11.6	0.186	4.8
M356030		53.3	124.0	<0.002	1.58	19.45	10.1	1	3.5	219	0.72	0.26	11.5	0.224	4.4
M356031		38.9	139.0	<0.002	2.81	27.8	9.8	2	6.0	106.5	0.62	0.34	12.6	0.218	4.6
M356032		112.5	174.0	<0.002	3.82	37.9	9.6	2	8.7	62.7	0.51	0.49	11.8	0.195	3.8
M356033		55.8	118.5	<0.002	1.55	17.70	9.6	1	3.0	99.2	0.62	0.13	12.7	0.222	5.9
M356034		19.9	132.5	0.002	1.17	10.75	10.2	1	2.9	112.0	0.65	0.19	13.2	0.238	4.5
M356035		19.1	131.0	<0.002	1.10	11.40	10.5	1	3.0	105.0	0.69	0.23	13.3	0.245	4.3
M356036		33.3	120.5	<0.002	0.85	4.48	10.5	1	2.8	273	0.67	0.11	14.7	0.251	5.2



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Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219218**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M356001		63	2.6	12.2	40	25.2
M356002		69	2.3	10.7	23	24.2
M356003		64	2.6	10.1	74	23.1
M356004		53	4.8	9.6	5290	25.5
M356005		65	2.8	9.8	33	21.0
M356006		64	4.8	10.1	526	22.2
M356007		66	3.9	10.6	30	25.6
M356008		56	4.1	9.2	328	18.4
M356009		1	0.1	0.7	13	<0.5
M356010		66	4.3	11.2	22	23.5
M356011		66	3.4	10.7	22	21.7
M356012		67	3.4	11.0	23	24.5
M356013		64	4.1	11.1	34	21.6
M356014		62	2.2	11.2	33	22.8
M356015		65	2.4	11.8	40	24.0
M356016		140	2.6	13.5	139	73.1
M356017		92	6.3	9.4	136	53.7
M356018		75	4.1	8.2	413	49.7
M356019		74	12.3	8.3	185	50.8
M356020		56	5.0	9.0	5470	24.4
M356021		79	11.0	8.9	119	52.9
M356022		116	5.6	11.1	186	65.2
M356023		61	8.5	9.4	280	17.9
M356024		65	5.6	11.3	103	22.5
M356025		56	5.8	10.2	418	20.6
M356026		2	0.1	0.8	15	<0.5
M356027		63	4.9	12.8	144	24.0
M356028		62	6.1	10.1	437	23.6
M356029		60	7.0	10.7	507	22.2
M356030		65	2.9	12.0	100	22.9
M356031		64	4.1	12.0	92	25.0
M356032		60	4.7	11.5	213	21.6
M356033		65	3.8	12.0	79	24.5
M356034		66	2.9	12.4	43	25.0
M356035		68	2.9	13.1	44	26.1
M356036		69	2.2	15.3	45	24.5



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**CERTIFICATE OF ANALYSIS WH12219218**

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





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**CERTIFICATE WH12219219**

Project: Klaza-130

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

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

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219219**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356037		7.96	0.057	1.04	7.30	40.1	2350	1.42	2.89	2.42	0.23	46.4	7.3	11	10.35	198.5
M356038		7.48	0.098	1.19	7.15	44.4	1340	1.47	1.99	1.89	1.17	48.2	7.6	8	12.25	115.0
M356039		0.26	2.30	25.4	5.68	3160	280	1.32	18.90	2.14	77.4	42.4	10.4	17	13.45	426
M356040		3.96	0.139	1.98	7.30	45.5	1500	1.48	2.04	1.84	1.13	50.3	8.3	8	11.70	262
M356041		3.77	0.025	0.29	7.46	10.3	2360	1.63	0.31	2.07	0.22	49.4	8.4	9	12.10	73.5
M356042		3.00	0.072	0.79	6.73	68.1	1450	1.60	0.95	2.88	1.07	51.9	8.1	6	21.0	75.0
M356043		2.44	<0.005	0.02	0.09	<5	30	0.05	0.02	19.85	0.07	1.23	0.6	<1	0.19	1.8
M356044		6.47	0.017	0.42	6.98	27.4	670	1.84	0.27	2.45	2.39	60.5	6.4	27	15.45	17.8
M356045		8.51	0.005	0.24	6.64	14.8	1270	2.25	0.09	2.59	0.96	53.5	5.3	18	18.35	10.3
M356046		8.63	<0.005	0.13	6.85	9.8	1490	2.05	0.13	2.73	0.40	57.0	5.5	21	18.20	7.5
M356047		<0.02	<0.005	0.12	6.91	10.4	1510	2.26	0.14	2.79	0.45	54.8	5.5	22	18.15	8.3
M356048		8.75	0.009	0.29	6.88	14.9	2000	2.06	0.31	2.85	0.56	51.7	7.2	17	18.70	29.8
M356049		8.01	<0.005	0.02	6.89	7.5	1220	1.96	0.05	3.33	1.10	50.8	6.7	8	22.0	2.7
M356050		0.26	2.25	23.8	5.75	3170	790	1.37	18.65	2.16	73.7	40.5	9.9	17	12.95	430
M356051		7.91	<0.005	0.13	6.84	11.8	1360	2.04	0.13	3.18	1.34	46.2	5.5	10	20.4	9.8
M356052		8.17	<0.005	0.12	7.04	11.7	1050	2.52	0.18	3.39	0.25	50.1	6.9	14	20.3	11.8
M356053		2.87	0.289	4.73	6.64	238	660	2.15	5.75	1.00	2.24	41.6	10.5	8	13.15	403
M356054		2.85	<0.005	0.03	0.08	<5	20	0.08	0.02	20.3	0.05	1.14	0.6	<1	0.18	1.8
M356055		7.20	<0.005	0.22	6.53	20.6	740	2.09	0.08	0.68	0.17	37.3	1.5	4	17.95	2.0
M356056		8.41	<0.005	0.07	7.32	5.7	690	2.41	0.02	0.88	0.14	41.1	1.5	3	21.1	1.4
M356057		6.40	<0.005	0.09	6.98	8.0	710	2.35	0.02	0.86	0.08	39.4	1.4	2	20.4	1.6
M356058		3.69	0.047	0.84	7.69	65.5	1520	2.57	1.61	1.81	0.33	47.1	8.2	9	22.2	185.5
M356059		3.89	0.611	6.01	6.57	307	390	1.66	7.23	1.47	1.19	41.1	7.5	8	14.10	631
M356060		4.11	0.318	4.17	6.44	170.5	490	1.44	6.25	1.61	3.64	37.6	7.6	8	11.65	284
M356061		6.76	0.155	1.07	7.87	29.6	1000	1.62	2.13	2.20	1.73	47.3	8.8	11	11.55	179.5
M356062		5.24	0.135	2.09	6.91	125.0	1280	1.55	13.60	2.76	2.78	48.7	7.2	9	15.80	585
M356063		7.40	0.101	1.02	7.39	28.6	900	1.66	0.96	2.16	2.98	48.5	8.4	9	13.00	176.0
M356064		3.84	0.109	1.48	7.26	57.8	1620	1.70	0.95	2.58	1.18	44.2	8.0	8	15.65	457
M356065		3.14	0.513	13.85	7.05	282	200	1.80	10.10	1.40	8.00	45.2	6.6	9	13.95	1590
M356066		3.41	<0.005	0.34	6.92	18.4	5580	2.18	0.20	2.92	0.70	61.6	4.4	12	25.2	13.2
M356067		1.74	0.010	0.77	6.98	21.3	1680	2.43	0.47	3.10	1.01	58.1	4.4	12	26.5	41.9
M356068		8.16	<0.005	0.13	6.68	15.0	1240	2.09	0.08	3.23	0.51	50.0	5.8	19	10.20	12.3
M356069		7.11	<0.005	0.16	6.78	25.4	2110	1.96	0.10	3.14	0.52	55.4	5.5	19	9.42	8.7
M356070		2.68	0.006	0.28	7.33	24.4	1440	1.93	0.21	3.15	1.11	62.2	7.4	21	10.70	16.9
M356071		5.88	0.024	0.90	7.63	48.5	570	1.77	1.10	2.25	1.33	60.2	6.1	12	21.1	112.5
M356072		3.16	0.300	6.40	6.93	89.2	800	1.40	5.01	2.34	1.10	40.0	8.5	7	20.4	841



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Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219219**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356037		2.86	16.35	0.14	1.2	0.031	2.89	21.6	22.0	0.71	314	1.37	1.02	7.4	2.5	580
M356038		3.32	16.30	0.16	1.2	0.051	3.04	24.5	25.6	0.70	619	2.06	0.36	6.9	2.5	540
M356039		6.34	14.45	0.13	1.0	1.640	2.59	21.0	22.7	0.88	1840	12.80	0.04	5.8	15.7	430
M356040		3.62	17.15	0.13	1.1	0.153	3.16	26.2	55.5	0.83	501	1.39	0.12	7.4	2.7	560
M356041		3.63	16.10	0.16	1.1	0.037	2.95	24.7	40.8	0.79	268	2.29	0.78	7.4	2.5	580
M356042		2.80	14.50	0.15	1.1	0.063	2.63	28.1	38.5	0.92	1900	3.13	0.04	6.6	2.9	530
M356043		0.44	0.23	0.15	<0.1	0.007	0.04	0.6	1.1	12.45	200	0.16	0.01	0.2	1.8	160
M356044		2.14	18.75	0.22	4.3	0.039	2.53	32.9	65.2	0.89	582	1.75	0.05	10.4	14.8	920
M356045		1.89	18.05	0.21	3.0	0.033	2.82	26.1	34.6	0.81	511	0.85	0.05	9.9	10.1	760
M356046		2.14	18.25	0.22	3.6	0.025	2.76	29.0	35.4	0.86	482	0.54	0.05	10.0	11.4	820
M356047		2.17	18.80	0.21	3.6	0.025	2.80	26.2	37.0	0.87	492	0.52	0.05	10.2	11.9	830
M356048		2.42	18.45	0.20	3.3	0.034	2.67	25.3	49.3	0.99	471	1.28	0.05	8.0	8.7	770
M356049		2.49	18.15	0.20	2.4	0.030	2.82	24.0	25.0	1.03	526	0.48	0.15	8.3	4.2	750
M356050		6.35	13.30	0.14	1.0	1.480	2.64	19.9	21.4	0.88	1860	11.90	0.04	5.4	14.8	430
M356051		2.56	17.65	0.17	2.5	0.037	2.89	22.0	31.9	1.02	534	0.54	0.34	8.0	3.9	760
M356052		2.63	19.25	0.17	3.1	0.031	2.81	21.9	62.2	1.11	539	0.92	0.28	7.8	7.1	780
M356053		5.71	20.0	0.14	1.5	0.214	3.10	20.9	23.2	0.57	333	3.07	0.04	7.2	3.9	510
M356054		0.46	0.27	0.15	<0.1	0.008	0.03	0.6	1.1	12.70	199	0.13	<0.01	0.1	1.6	170
M356055		1.17	17.80	0.22	2.6	0.014	2.80	18.0	17.4	0.28	315	0.73	0.05	14.0	1.1	280
M356056		1.37	17.70	0.07	2.7	0.014	2.88	21.5	69.2	0.37	420	0.38	0.05	14.3	1.1	330
M356057		1.21	17.05	0.07	2.5	0.009	2.75	19.7	45.2	0.35	349	1.65	0.06	13.8	1.0	320
M356058		3.17	16.50	0.10	1.0	0.091	3.73	25.6	29.6	0.75	489	3.36	0.15	6.1	2.7	600
M356059		6.21	16.60	0.12	0.9	0.278	2.98	22.3	25.5	0.71	474	1.58	0.03	4.3	2.4	510
M356060		5.64	15.40	0.10	0.8	0.221	3.10	19.9	36.5	0.74	585	5.50	0.06	4.7	2.4	500
M356061		3.74	16.90	0.10	1.0	0.073	3.26	24.8	31.8	0.81	472	3.57	1.26	6.8	2.8	600
M356062		3.15	15.95	0.11	0.9	0.105	2.69	25.6	37.3	0.94	433	5.27	0.32	6.4	2.5	540
M356063		3.13	17.25	0.11	0.9	0.065	2.81	24.4	48.4	0.70	266	7.87	0.66	6.7	2.6	590
M356064		3.10	16.90	0.10	0.9	0.052	3.19	22.4	41.3	0.77	405	2.98	0.58	7.0	2.5	630
M356065		5.39	17.50	0.10	1.1	0.834	3.31	24.7	16.5	0.68	594	3.72	0.05	5.7	2.7	570
M356066		2.19	16.80	0.13	2.7	0.024	3.03	30.7	33.9	0.82	655	2.66	0.05	11.1	3.0	910
M356067		2.29	17.90	0.11	2.6	0.047	3.11	28.8	28.5	0.88	690	2.33	0.06	11.6	3.1	910
M356068		2.33	18.65	0.10	4.3	0.019	2.40	25.2	51.3	0.94	491	0.95	0.75	10.3	7.8	1110
M356069		2.22	18.10	0.12	4.4	0.009	2.34	27.2	42.4	0.90	505	1.82	0.66	10.3	7.7	1090
M356070		2.77	19.00	0.10	4.4	0.024	2.42	29.3	51.8	1.04	621	2.23	0.06	11.2	8.9	1430
M356071		2.97	16.80	0.12	2.1	0.013	3.19	31.3	37.5	0.88	380	2.93	0.06	7.3	3.9	820
M356072		4.80	14.50	0.10	0.8	0.231	2.61	20.2	60.7	0.76	601	3.13	0.06	4.6	3.6	560



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**CERTIFICATE OF ANALYSIS WH12219219**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M356037		37.3	101.0	<0.002	0.96	13.20	9.9	1	2.6	257	0.76	0.24	16.0	0.240	4.1
M356038		105.5	128.0	<0.002	1.89	14.10	9.8	1	4.6	135.0	0.66	0.18	14.6	0.221	4.5
M356039		2770	160.0	0.002	4.62	94.0	8.2	1	7.7	91.2	0.47	0.40	10.1	0.175	5.1
M356040		47.5	125.0	<0.002	1.53	8.62	10.4	1	5.9	143.5	0.68	0.40	14.1	0.237	3.7
M356041		20.1	121.0	0.002	1.23	8.45	10.7	2	2.3	248	0.68	0.07	14.4	0.239	4.3
M356042		34.5	134.0	<0.002	1.77	19.90	9.3	1	2.7	208	0.61	0.14	12.9	0.215	6.2
M356043		1.5	1.5	<0.002	0.01	0.14	0.2	1	0.2	48.6	<0.05	0.05	0.2	<0.005	0.9
M356044		114.5	92.1	<0.002	0.18	12.30	5.9	1	1.5	316	0.74	<0.05	11.4	0.273	8.1
M356045		95.8	94.7	<0.002	0.12	9.29	5.1	1	1.5	356	0.77	<0.05	10.5	0.237	8.1
M356046		25.1	99.1	<0.002	0.06	9.67	5.4	1	1.4	419	0.79	<0.05	10.8	0.249	4.3
M356047		25.4	90.4	<0.002	0.06	10.10	5.4	1	1.5	428	0.80	<0.05	10.1	0.253	4.3
M356048		22.0	98.0	<0.002	0.21	15.15	7.8	1	2.3	479	0.59	<0.05	8.5	0.286	4.1
M356049		21.2	100.5	0.002	0.03	11.25	7.4	1	1.3	454	0.58	<0.05	8.0	0.279	3.6
M356050		2780	147.5	<0.002	4.66	89.6	7.7	1	7.1	90.9	0.48	0.41	10.2	0.176	5.1
M356051		30.6	94.7	<0.002	0.05	14.10	7.0	1	1.4	499	0.60	<0.05	7.8	0.287	3.9
M356052		25.3	93.7	<0.002	0.07	9.74	8.6	1	1.5	623	0.59	<0.05	7.6	0.303	4.2
M356053		112.0	195.0	0.002	5.45	52.9	9.1	2	26.7	176.0	0.53	0.44	11.0	0.187	6.2
M356054		1.5	1.4	<0.002	0.01	0.14	0.2	1	0.2	49.6	<0.05	<0.05	<0.2	<0.005	0.7
M356055		27.8	118.0	<0.002	0.46	1.98	2.5	<1	1.9	142.5	1.54	<0.05	8.2	0.119	6.0
M356056		30.6	123.5	<0.002	0.07	2.56	2.6	1	2.1	149.0	1.50	<0.05	9.2	0.138	3.8
M356057		30.9	114.0	<0.002	0.19	2.79	2.5	<1	1.7	157.0	1.49	<0.05	9.1	0.129	5.5
M356058		24.7	173.5	<0.002	1.49	22.5	10.0	2	4.3	362	0.51	0.31	14.1	0.224	18.5
M356059		182.0	185.0	<0.002	5.78	43.8	8.5	2	19.7	161.5	0.38	0.56	13.2	0.169	9.0
M356060		201	161.0	<0.002	5.20	39.5	8.4	2	8.4	120.5	0.39	0.68	11.4	0.177	7.3
M356061		129.0	135.0	<0.002	2.02	5.74	10.5	2	4.4	314	0.58	0.40	14.0	0.243	4.3
M356062		98.6	112.0	<0.002	1.60	55.1	9.2	1	4.0	187.5	0.56	0.80	12.9	0.227	4.2
M356063		338	106.5	0.003	1.60	25.7	10.1	2	3.6	237	0.55	0.28	13.3	0.237	4.1
M356064		106.5	115.5	<0.002	1.44	18.95	10.6	1	3.2	257	0.55	0.34	12.2	0.248	3.3
M356065		486	187.0	0.002	5.02	74.7	8.6	1	14.3	125.0	0.45	0.44	13.0	0.192	4.9
M356066		67.5	102.5	<0.002	0.18	13.35	5.4	1	1.5	455	0.76	<0.05	9.7	0.269	6.6
M356067		67.0	94.6	<0.002	0.11	14.65	5.7	1	1.4	442	0.76	<0.05	9.5	0.274	6.1
M356068		31.2	65.6	<0.002	0.04	16.60	4.7	1	1.4	466	0.70	<0.05	8.6	0.318	3.1
M356069		28.5	72.5	<0.002	0.14	14.40	4.9	1	1.5	444	0.69	<0.05	8.8	0.317	3.3
M356070		22.9	61.4	<0.002	0.22	19.85	6.0	2	1.3	429	0.68	0.08	7.9	0.377	3.1
M356071		58.7	140.0	<0.002	1.62	23.4	7.4	2	2.4	212	0.56	0.26	11.4	0.234	4.1
M356072		261	125.5	0.002	3.95	12.80	9.4	4	4.8	186.5	0.32	0.46	9.9	0.190	2.5



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Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219219**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M356037		65	3.0	12.9	43	23.5
M356038		63	3.8	11.7	113	23.4
M356039		53	5.3	10.1	5250	24.6
M356040		65	5.7	12.0	128	23.8
M356041		63	2.2	12.9	51	23.7
M356042		59	5.3	12.7	108	24.2
M356043		2	0.1	0.8	15	<0.5
M356044		49	1.4	11.6	204	158.5
M356045		43	1.5	10.7	115	99.5
M356046		46	1.7	10.7	87	116.5
M356047		47	1.7	10.8	91	119.0
M356048		65	2.0	12.6	87	103.5
M356049		64	1.9	12.5	97	73.6
M356050		54	5.2	9.2	5240	23.2
M356051		66	2.0	11.8	96	73.0
M356052		71	1.3	13.3	75	95.8
M356053		55	9.0	10.9	179	40.6
M356054		1	0.1	0.8	14	0.5
M356055		12	1.1	14.1	43	55.6
M356056		15	1.2	14.7	57	55.6
M356057		14	1.4	14.4	41	51.2
M356058		70	5.9	12.8	76	24.2
M356059		57	7.2	10.7	100	18.9
M356060		55	5.3	9.9	242	17.6
M356061		71	3.4	11.6	155	22.5
M356062		65	2.4	12.3	194	19.8
M356063		69	2.3	11.9	209	20.0
M356064		74	2.9	12.5	118	21.9
M356065		59	5.2	8.7	454	28.7
M356066		50	2.0	11.7	90	87.0
M356067		52	1.9	11.8	103	88.5
M356068		53	1.1	7.9	89	163.5
M356069		52	1.2	8.2	86	166.5
M356070		68	1.3	10.3	130	181.5
M356071		61	3.9	10.6	137	63.3
M356072		63	4.8	10.8	97	19.9



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**CERTIFICATE OF ANALYSIS WH12219219**

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



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**CERTIFICATE WH12219351**

Project: Klaza - 131

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219351**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354490		6.17	0.011	0.25	7.16	14.7	2330	1.36	0.55	2.80	0.15	52.4	6.7	24	16.45	87.2
M354491		5.80	<0.005	0.24	7.29	12.3	2360	1.38	0.56	2.60	0.98	53.1	7.3	15	10.70	32.3
M354492		6.12	<0.005	0.23	7.25	14.4	2250	1.41	0.80	2.51	0.16	54.3	8.0	19	9.60	27.8
M354493		7.51	0.046	0.29	6.89	10.5	2090	1.38	1.00	2.52	0.14	40.4	6.3	19	10.55	58.7
M354494		0.26	0.276	99.9	5.37	226	510	0.59	4.98	1.42	24.9	19.95	10.7	64	0.88	6070
M354495		6.59	0.008	0.71	7.01	29.6	2070	1.29	0.84	2.25	1.03	47.1	9.2	13	12.60	68.1
M354496		2.38	0.228	22.0	6.44	675	1390	1.34	4.03	2.62	17.60	46.2	9.2	16	16.80	156.0
M354497		6.95	<0.005	0.23	6.73	11.1	2090	1.44	0.40	2.61	0.28	49.4	6.9	14	14.55	21.7
M354498		3.99	<0.005	0.18	7.03	6.5	2050	1.49	0.43	2.53	0.10	49.5	6.4	16	15.65	24.1
M354499		4.06	0.073	1.17	6.72	139.0	2000	1.32	0.54	2.70	0.99	49.0	6.0	11	15.90	47.8
M354500		2.00	<0.005	0.01	0.09	5	20	0.06	0.02	19.75	0.06	1.16	1.5	<1	0.19	3.7
M354501		7.24	0.448	1.19	7.55	90.4	2070	1.18	1.26	1.60	0.38	51.7	8.2	11	14.60	158.5
M354502		5.12	<0.005	0.15	7.16	6.3	2260	1.38	0.55	2.40	0.15	50.9	7.0	15	15.40	26.6
M354503		2.49	<0.005	0.67	7.20	54.9	1920	1.57	0.57	3.20	0.30	46.6	8.6	9	22.2	16.6
M354504		0.99	<0.005	0.65	7.02	48.9	1230	1.63	0.51	2.98	0.27	46.0	9.2	15	22.1	19.2
M354505		6.90	<0.005	0.13	7.42	4.8	2090	1.48	0.42	2.44	0.10	51.3	6.5	12	13.95	16.4
M354506		7.05	<0.005	0.12	7.54	5.4	2260	1.52	0.44	2.73	0.11	47.8	7.1	15	10.90	16.7
M354507		6.54	<0.005	0.15	7.15	12.0	1980	1.43	0.44	2.42	0.10	46.6	8.9	11	13.70	39.2
M354508		2.73	0.082	1.99	7.00	32.6	2550	1.24	1.75	2.15	0.11	45.9	27.0	16	11.40	862
M354509		3.13	0.007	0.20	7.22	16.9	2240	1.47	0.50	2.43	0.11	49.8	10.4	15	12.60	70.0
M354510		2.21	0.040	1.14	6.94	179.5	1070	1.48	0.84	2.50	0.44	47.8	10.1	15	17.20	105.5
M354511		0.26	4.35	>100	5.30	6990	220	1.01	60.4	2.00	229	32.8	8.3	18	11.45	1295
M354512		7.72	0.007	0.33	7.14	25.8	2370	1.31	0.50	2.27	0.34	46.5	6.9	12	19.00	30.1
M354513		2.97	0.081	2.53	6.85	175.0	1630	1.51	0.74	3.12	1.00	44.3	13.9	16	19.45	267
M354514		3.20	0.052	0.45	6.98	139.5	1260	1.59	0.38	2.55	0.22	41.5	6.9	11	21.5	17.2
M354515		2.73	0.048	0.44	6.63	145.5	1830	1.60	0.50	2.68	0.52	44.9	8.0	21	18.05	28.0
M354516		7.36	<0.005	0.17	6.91	25.6	2540	1.45	0.55	2.67	0.16	42.4	7.4	12	19.85	25.7
M354517		7.04	<0.005	0.30	6.83	10.8	2160	1.61	0.51	2.72	0.37	47.3	7.6	16	16.60	26.9
M354518		6.50	<0.005	0.39	6.93	21.9	2280	1.42	0.47	2.38	1.16	41.7	8.1	11	16.40	26.8
M354519		2.65	1.250	>100	5.88	2050	550	1.20	0.62	2.59	110.5	42.4	10.9	14	13.55	229
M354520		3.76	<0.005	<0.01	0.16	<5	40	0.13	0.03	20.0	0.06	1.21	1.5	1	0.62	5.9
M354521		2.92	1.320	9.84	5.72	3230	1130	1.06	0.84	2.61	21.7	49.0	5.9	16	16.45	24.2
M354522		4.81	0.009	1.03	6.75	50.0	2180	1.50	39.0	2.75	0.36	45.2	8.6	10	22.9	173.5
M354523		6.74	0.015	1.16	6.95	75.1	2110	1.62	1.43	2.65	0.59	46.3	8.6	18	16.35	48.2
M354524		<0.02	0.014	1.00	6.97	67.7	2090	1.65	1.44	2.67	0.60	43.7	8.2	20	16.05	47.4
M354525		6.85	<0.005	0.22	7.27	31.2	2370	1.48	5.32	2.66	0.12	47.3	8.8	13	11.90	153.0





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**CERTIFICATE OF ANALYSIS WH12219351**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354490		3.05	16.60	0.12	1.9	0.068	2.81	25.7	11.2	0.84	833	1.69	1.94	8.9	6.1	800
M354491		3.06	16.35	0.14	1.4	0.063	2.86	26.4	14.9	0.80	944	1.79	2.23	8.8	3.1	640
M354492		2.90	15.90	0.14	1.6	0.048	2.81	27.0	15.1	0.82	778	1.71	2.37	8.6	2.9	620
M354493		2.92	15.55	0.13	1.4	0.075	2.78	19.3	17.0	0.79	731	1.49	2.06	8.8	2.9	610
M354494		5.70	11.75	0.15	1.5	0.459	1.09	9.5	12.8	1.13	1740	23.9	1.62	3.5	27.8	480
M354495		3.00	16.35	0.13	1.5	0.079	2.76	22.7	22.1	0.76	746	1.62	1.66	8.7	3.0	620
M354496		3.39	14.85	0.13	1.2	0.305	2.58	23.4	20.9	0.84	1340	16.25	1.07	7.3	3.6	540
M354497		2.76	15.90	0.13	1.5	0.044	2.84	23.8	13.5	0.74	806	1.36	2.08	8.8	2.8	610
M354498		2.69	15.80	0.13	1.7	0.042	2.76	24.8	13.5	0.74	649	1.44	2.15	8.6	2.8	580
M354499		3.24	15.95	0.14	1.4	0.131	3.05	24.0	36.2	0.87	2220	1.12	1.14	8.3	3.2	600
M354500		0.46	0.44	0.28	<0.1	<0.005	0.04	0.6	1.1	13.00	204	0.23	0.01	0.4	1.3	170
M354501		3.33	17.00	0.14	1.4	0.120	3.45	26.4	29.0	0.59	1520	1.09	0.44	8.6	2.8	620
M354502		2.95	16.10	0.14	1.4	0.055	2.95	25.5	13.7	0.80	651	1.39	2.15	8.7	3.0	630
M354503		2.75	15.85	0.14	1.3	0.046	2.88	24.2	134.5	1.04	1740	2.37	0.08	8.1	3.0	590
M354504		2.67	16.00	0.13	1.4	0.049	3.06	23.1	132.0	0.92	1760	2.44	0.11	8.5	2.9	590
M354505		2.78	16.35	0.14	1.4	0.044	2.80	25.5	32.3	0.68	602	2.14	1.97	8.7	2.9	630
M354506		2.95	16.40	0.14	1.5	0.045	2.82	23.8	19.8	0.82	614	1.27	2.41	8.8	3.0	650
M354507		2.77	16.75	0.14	1.3	0.048	2.95	22.8	28.2	0.65	721	1.69	1.22	8.4	2.9	600
M354508		3.40	15.35	0.15	1.3	0.189	3.41	23.4	30.4	0.74	876	3.45	0.88	7.9	3.9	610
M354509		2.90	15.95	0.15	1.3	0.055	3.06	25.1	47.8	0.75	658	2.33	1.59	8.1	3.0	610
M354510		3.08	15.90	0.14	1.4	0.096	3.06	24.1	104.0	0.81	1900	2.21	0.14	8.0	3.1	590
M354511		7.99	12.45	0.20	1.1	4.90	2.27	16.5	30.5	0.64	3160	15.75	0.08	5.8	14.0	470
M354512		2.93	16.05	0.12	1.7	0.057	3.26	23.1	70.5	0.73	1120	1.11	0.26	8.8	2.8	620
M354513		3.06	14.80	0.13	1.2	0.095	3.58	22.8	68.6	0.94	2540	1.55	0.07	7.6	3.0	560
M354514		2.62	15.95	0.13	1.3	0.042	2.95	20.6	181.0	0.81	1420	1.75	0.07	8.3	2.9	620
M354515		2.84	15.85	0.13	1.3	0.057	3.37	22.1	24.7	0.75	1280	3.29	1.19	8.3	3.0	590
M354516		2.85	16.00	0.13	1.4	0.042	2.85	20.5	20.7	0.73	731	20.5	1.63	8.3	2.8	630
M354517		2.77	16.15	0.14	1.8	0.045	2.86	22.5	36.3	0.76	732	6.59	1.81	9.3	2.9	610
M354518		2.85	15.40	0.14	1.6	0.049	2.70	20.5	25.8	0.69	730	1.86	1.39	8.5	2.8	610
M354519		4.08	14.25	0.15	1.2	0.256	2.48	22.7	45.6	0.86	5580	7.72	0.04	7.0	2.7	500
M354520		0.47	0.68	0.35	<0.1	0.005	0.07	0.6	2.2	13.25	208	0.13	0.01	0.3	1.3	200
M354521		2.98	12.50	0.11	0.9	0.057	1.57	27.2	184.5	0.92	2060	3.17	0.02	6.3	2.7	540
M354522		3.02	16.50	0.14	1.3	0.068	2.70	21.1	80.0	0.86	862	2.16	1.39	9.6	3.1	680
M354523		3.08	16.35	0.14	1.2	0.045	2.58	22.0	33.7	0.82	827	1.72	1.85	9.5	3.3	690
M354524		3.02	16.20	0.14	1.2	0.048	2.59	21.1	33.6	0.81	820	1.89	1.84	9.4	3.8	690
M354525		3.07	16.25	0.14	1.2	0.052	2.64	23.2	21.1	0.83	636	1.43	2.25	8.3	3.2	670



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**CERTIFICATE OF ANALYSIS WH12219351**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M354490		20.8	110.5	<0.002	0.07	4.67	10.1	2	2.1	402	0.63	<0.05	10.1	0.299	1.25	3.4
M354491		52.2	118.5	<0.002	0.08	2.75	10.3	1	2.1	367	0.66	<0.05	12.4	0.270	1.24	4.0
M354492		22.0	118.5	<0.002	0.08	2.17	10.3	2	2.4	370	0.69	<0.05	14.6	0.257	1.15	4.5
M354493		19.7	110.5	<0.002	0.04	3.20	10.0	1	2.4	326	0.72	<0.05	12.9	0.259	1.15	4.3
M354494		9820	28.6	0.010	2.34	450	11.2	3	2.0	188.5	0.22	1.08	2.1	0.248	0.48	1.5
M354495		68.8	105.5	<0.002	0.11	8.22	10.8	2	3.0	269	0.70	<0.05	12.8	0.267	1.16	4.6
M354496		4600	116.5	0.002	1.27	66.4	9.3	2	3.0	237	0.57	0.21	11.8	0.231	1.59	5.6
M354497		49.6	117.5	<0.002	0.04	2.76	9.8	1	1.9	342	0.73	<0.05	12.7	0.257	1.30	4.4
M354498		20.5	120.5	<0.002	0.01	2.00	10.1	2	1.7	359	0.74	<0.05	14.1	0.250	1.23	4.8
M354499		74.8	137.5	<0.002	0.37	21.0	10.4	2	2.1	220	0.65	<0.05	12.2	0.254	1.77	5.3
M354500		1.5	1.8	<0.002	<0.01	0.05	0.4	1	<0.2	42.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M354501		36.5	168.5	<0.002	0.59	20.4	10.0	1	2.6	146.0	0.69	0.08	14.8	0.258	1.95	4.1
M354502		17.6	127.5	<0.002	0.03	4.54	10.7	1	2.2	345	0.70	<0.05	13.5	0.265	1.35	4.6
M354503		30.5	120.5	<0.002	0.46	18.35	9.9	1	2.7	211	0.65	<0.05	12.8	0.250	2.32	5.5
M354504		26.5	119.5	<0.002	0.40	19.00	9.9	2	3.3	192.5	0.67	<0.05	12.3	0.261	2.30	4.3
M354505		15.7	111.5	<0.002	0.03	5.03	10.8	2	2.0	335	0.71	<0.05	13.9	0.263	1.16	4.1
M354506		16.2	107.5	<0.002	0.04	1.86	11.0	2	2.1	409	0.70	<0.05	13.5	0.272	1.07	4.5
M354507		15.2	107.0	<0.002	0.14	10.10	10.3	1	2.3	244	0.68	<0.05	12.3	0.261	1.32	3.5
M354508		14.6	134.5	<0.002	0.61	11.00	10.0	2	3.3	194.5	0.62	0.09	12.8	0.247	1.73	3.5
M354509		15.5	121.0	<0.002	0.23	6.81	10.7	2	2.3	296	0.59	<0.05	14.7	0.257	1.45	3.6
M354510		26.5	126.0	<0.002	1.00	50.8	9.9	1	2.3	151.5	0.62	<0.05	13.7	0.248	1.99	6.4
M354511		9660	129.5	0.002	7.39	229	6.7	3	9.0	120.0	0.43	0.51	8.2	0.189	2.09	5.1
M354512		20.0	126.0	<0.002	0.25	21.6	10.0	1	2.1	151.0	0.75	<0.05	12.9	0.265	1.78	4.6
M354513		92.4	149.0	<0.002	1.26	94.9	9.0	1	2.1	158.0	0.65	<0.05	11.8	0.231	2.56	4.9
M354514		18.4	115.0	<0.002	0.50	20.9	10.3	2	2.0	177.5	0.65	<0.05	12.0	0.256	2.05	4.1
M354515		31.6	138.0	<0.002	0.33	12.95	9.5	1	2.1	260	0.63	<0.05	12.7	0.247	2.03	3.9
M354516		17.9	114.5	<0.002	0.18	5.71	10.2	1	2.3	327	0.63	<0.05	11.1	0.259	1.57	3.7
M354517		23.9	110.5	<0.002	0.12	5.85	9.8	1	2.2	336	0.86	<0.05	13.0	0.255	1.40	5.0
M354518		38.4	107.5	<0.002	0.13	9.92	9.9	2	1.8	288	0.64	<0.05	12.3	0.260	1.31	4.2
M354519		3960	139.5	<0.002	2.83	316	8.7	2	10.7	122.5	0.58	0.05	10.9	0.208	2.10	8.2
M354520		1.4	4.4	<0.002	<0.01	0.06	0.6	1	<0.2	42.8	<0.05	<0.05	<0.2	0.007	0.03	0.4
M354521		1030	91.5	<0.002	1.29	68.9	8.0	1	4.1	275	0.41	<0.05	13.0	0.209	1.63	8.0
M354522		27.1	122.0	<0.002	0.36	82.2	10.8	2	3.8	326	0.84	0.24	10.6	0.283	1.83	5.1
M354523		35.9	115.0	<0.002	0.41	14.45	11.1	2	2.9	358	0.86	<0.05	10.1	0.285	1.48	4.7
M354524		34.0	112.5	<0.002	0.38	12.95	11.1	2	2.9	357	0.93	<0.05	10.1	0.286	1.46	4.8
M354525		17.4	110.0	<0.002	0.28	2.61	11.0	2	2.7	388	0.63	<0.05	11.4	0.272	1.33	3.9



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**CERTIFICATE OF ANALYSIS WH12219351**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M354490		77	2.2	14.9	62	57.1	<1	
M354491		74	2.0	16.1	130	36.9	<1	
M354492		70	1.4	16.9	58	41.6	<1	
M354493		71	3.3	15.4	49	35.2	<1	
M354494		80	0.6	13.9	5030	47.4	100	
M354495		76	3.3	15.8	117	40.4	<1	
M354496		69	6.0	14.5	1170	29.7	23	
M354497		71	1.8	16.0	64	38.8	<1	
M354498		68	1.4	16.4	46	42.4	<1	
M354499		73	2.8	15.7	172	35.8	1	
M354500		3	0.1	0.9	14	0.5	<1	
M354501		71	5.7	14.9	86	38.7	1	
M354502		74	2.3	16.7	48	38.5	<1	
M354503		69	4.1	15.6	54	35.8	1	
M354504		71	3.8	15.1	51	38.4	<1	
M354505		72	1.7	15.6	46	37.0	<1	
M354506		76	1.4	16.7	44	39.0	<1	
M354507		72	3.1	15.0	46	36.0	<1	
M354508		68	5.8	13.2	55	35.7	1	
M354509		71	2.7	14.5	47	37.2	<1	
M354510		70	5.0	13.3	68	38.9	1	
M354511		55	4.3	8.4	>10000	30.9	121	1.620
M354512		73	4.6	15.0	84	44.4	<1	
M354513		64	5.4	14.4	148	30.4	2	
M354514		71	3.7	14.6	55	33.4	<1	
M354515		69	3.6	13.6	101	34.3	<1	
M354516		71	2.9	14.4	52	39.4	<1	
M354517		69	2.7	15.7	68	46.8	<1	
M354518		70	2.5	14.3	120	44.0	<1	
M354519		58	5.0	12.8	6970	30.0	207	
M354520		4	0.1	0.9	16	<0.5	<1	
M354521		58	3.5	12.2	1430	23.4	10	
M354522		80	3.5	17.0	81	30.3	<1	
M354523		81	2.9	16.3	83	29.1	<1	
M354524		79	2.8	16.2	84	28.0	<1	
M354525		75	3.4	15.0	52	30.2	<1	



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**CERTIFICATE OF ANALYSIS WH12219351**

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



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**CERTIFICATE WH12219352**

Project: Klaza - 131

P.O. No.: Batch 4

This report is for 24 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 131

**CERTIFICATE OF ANALYSIS WH12219352**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M354526		6.90	<0.005	0.15	6.86	13.0	2330	1.49	1.10	2.64	0.13	40.5	8.0	12	7.67	32.5
M354527		7.46	<0.005	0.14	6.77	10.3	2210	1.49	0.56	2.60	0.12	43.6	7.4	11	7.52	25.8
M354528		0.26	4.64	>100	5.08	8110	280	1.11	56.0	1.89	221	31.9	9.1	17	11.85	1265
M354529		7.59	<0.005	0.18	6.77	11.9	2040	1.41	0.74	2.22	0.20	41.8	7.3	10	15.60	16.3
M354530		6.91	0.008	0.21	6.99	10.2	2510	1.38	1.30	2.60	0.11	41.1	8.1	13	16.30	42.8
M354531		7.99	<0.005	0.14	7.29	11.8	2490	1.48	1.37	2.99	0.16	43.8	9.5	11	8.66	15.5
M354532		8.07	<0.005	0.24	7.08	35.5	2410	1.51	1.28	2.67	0.19	45.7	7.8	12	7.71	33.5
M354533		2.83	0.027	0.51	6.94	29.0	2300	1.45	1.65	2.58	0.12	45.0	21.7	9	10.85	27.7
M354534		3.16	<0.005	0.01	0.06	<5	30	<0.05	0.05	21.4	0.07	1.29	1.0	<1	0.15	1.5
M354535		8.22	<0.005	0.23	6.70	22.2	1780	1.40	1.89	3.14	0.22	40.2	7.3	9	16.10	19.5
M354536		5.13	<0.005	0.15	6.85	17.5	2440	1.41	0.48	3.04	0.14	41.3	7.8	9	14.85	16.8
M354537		2.77	<0.005	0.16	6.95	11.3	2460	1.51	0.76	2.80	0.12	42.2	8.2	8	13.60	16.6
M354538		7.84	<0.005	0.13	6.82	6.4	2370	1.47	0.40	2.85	0.12	43.2	7.4	9	12.15	12.9
M354539		7.97	<0.005	0.42	7.02	11.5	2340	1.44	0.53	2.68	0.24	43.1	7.7	9	9.51	89.3
M354540		7.89	0.006	0.19	6.85	6.3	2300	1.37	0.22	2.52	0.21	43.1	7.3	10	8.10	27.3
M354541		0.26	4.31	>100	5.05	8140	230	1.11	55.6	1.85	220	30.3	9.2	16	11.75	1255
M354542		7.32	0.006	0.63	6.55	11.2	2470	1.41	0.48	2.44	1.20	40.0	7.4	8	12.60	76.4
M354543		2.93	0.545	46.0	5.86	1260	1070	1.32	1.58	1.81	56.0	40.4	8.2	7	17.05	229
M354544		3.19	<0.005	0.08	0.07	8	20	0.06	0.03	20.6	0.15	1.54	1.1	<1	0.29	2.3
M354545		5.52	0.005	0.53	7.06	13.2	2020	1.09	0.76	1.61	0.70	39.1	6.6	7	16.50	35.5
M354546		7.13	<0.005	0.23	6.76	10.0	2240	1.51	0.46	2.82	0.20	40.8	8.7	9	17.60	24.0
M354547		2.46	0.009	0.31	6.81	72.7	1190	1.54	0.40	3.72	0.36	40.5	7.8	5	28.0	19.2
M354548		3.19	0.334	6.06	6.37	320	640	1.45	3.49	2.54	54.5	38.7	10.2	6	19.45	172.0
M354549		7.22	<0.005	0.23	7.08	20.7	2260	1.58	0.50	2.64	0.20	41.8	8.2	9	13.00	37.4



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**CERTIFICATE OF ANALYSIS WH12219352**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
M354526		3.01	17.45	0.09	1.1	0.046	2.57	18.3	18.1	0.89	721	1.15	2.26	8.6	3.1	630
M354527		2.90	17.30	0.09	1.4	0.048	2.66	19.7	16.1	0.80	704	0.92	2.26	9.0	3.0	590
M354528		7.88	13.85	0.10	1.1	4.98	2.23	15.2	33.3	0.61	3070	14.70	0.08	6.0	14.6	430
M354529		2.81	17.10	0.07	1.4	0.059	2.72	19.6	51.0	0.66	756	0.76	1.48	8.7	2.8	600
M354530		2.96	17.05	0.09	1.2	0.052	2.53	19.3	22.2	0.78	667	0.92	1.93	8.4	3.0	620
M354531		3.23	18.70	0.10	1.0	0.046	2.38	19.5	18.3	0.95	763	8.84	2.43	9.2	3.3	690
M354532		3.11	17.75	0.09	1.1	0.046	2.42	21.4	18.7	0.85	672	3.04	2.30	8.8	3.0	610
M354533		3.27	17.95	0.10	1.3	0.076	2.61	20.7	21.2	0.76	712	3.77	1.94	8.9	3.1	630
M354534		0.46	0.30	0.14	<0.1	<0.005	0.02	0.6	1.1	13.05	210	0.10	0.01	0.3	1.9	170
M354535		2.97	16.05	0.08	1.2	0.047	2.36	18.7	126.5	0.98	844	3.35	1.16	8.4	2.7	570
M354536		3.03	17.20	0.09	1.2	0.047	2.69	18.4	18.6	0.81	908	1.99	2.03	9.0	3.3	630
M354537		3.11	17.75	0.09	1.2	0.048	2.59	19.1	20.4	0.81	784	2.84	2.10	9.4	3.0	620
M354538		2.88	17.20	0.08	1.2	0.046	2.47	19.4	19.5	0.74	680	1.22	2.19	8.7	2.8	600
M354539		2.85	17.30	0.10	1.3	0.060	2.64	19.6	18.0	0.77	847	0.74	2.13	8.6	2.7	570
M354540		2.83	16.65	0.09	1.1	0.057	2.56	20.3	14.6	0.79	727	24.2	2.12	8.7	2.8	560
M354541		7.83	13.70	0.08	1.1	4.84	2.20	14.3	33.0	0.60	3010	14.20	0.08	5.9	14.5	430
M354542		2.90	16.55	0.07	1.1	0.092	3.07	18.5	15.1	0.70	857	9.29	1.77	8.3	2.5	540
M354543		2.77	14.15	0.06	0.9	0.523	2.45	20.8	73.5	0.63	3040	3.62	0.08	6.5	3.5	440
M354544		0.45	0.34	0.11	<0.1	0.006	0.03	0.7	1.3	12.45	210	0.24	0.01	0.3	1.7	170
M354545		2.77	16.20	0.08	1.1	0.049	2.59	18.5	48.3	0.64	1120	0.71	0.14	8.0	2.7	560
M354546		3.04	17.40	0.08	1.2	0.052	2.69	18.6	20.6	0.79	776	5.53	1.78	9.1	3.1	710
M354547		2.49	16.70	0.18	1.0	0.048	3.16	21.8	43.5	0.93	1760	3.90	0.08	7.9	2.4	550
M354548		4.77	15.95	0.18	0.9	1.230	3.32	20.7	15.7	0.74	2990	22.7	0.04	7.6	2.6	530
M354549		3.07	18.20	0.19	1.0	0.051	2.80	20.8	17.6	0.79	905	2.02	1.95	8.9	2.8	630



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**CERTIFICATE OF ANALYSIS WH12219352**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M354526		17.3	106.0	<0.002	0.16	1.69	12.6	1	2.4	415	0.56	<0.05	10.3	0.273	1.21	3.3
M354527		17.7	110.5	<0.002	0.08	2.16	11.5	1	2.2	385	0.70	<0.05	12.0	0.252	1.14	4.1
M354528		9670	143.0	<0.002	6.90	223	8.3	2	9.2	123.5	0.44	0.51	8.0	0.182	2.05	5.3
M354529		18.0	118.0	<0.002	0.08	8.36	12.0	1	2.7	288	0.72	<0.05	10.4	0.253	1.35	3.9
M354530		15.4	101.0	<0.002	0.11	3.58	12.4	1	2.6	389	0.55	<0.05	9.1	0.267	1.25	3.0
M354531		16.6	101.5	<0.002	0.04	1.78	14.2	1	2.8	479	0.57	<0.05	7.7	0.305	1.13	2.7
M354532		19.4	107.0	<0.002	0.18	1.85	12.6	1	2.9	443	0.63	<0.05	10.4	0.270	1.19	3.7
M354533		15.8	114.0	<0.002	0.33	2.28	12.5	1	3.0	370	0.65	0.07	10.8	0.266	1.35	3.9
M354534		1.4	1.4	<0.002	<0.01	<0.05	0.3	1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M354535		17.1	92.4	<0.002	0.15	13.40	10.6	1	3.0	308	0.61	<0.05	10.5	0.257	1.32	4.0
M354536		17.5	110.5	<0.002	0.10	2.72	11.7	1	2.7	403	0.63	<0.05	9.9	0.270	1.38	3.4
M354537		16.0	111.0	<0.002	0.10	2.10	12.4	1	2.8	404	0.66	<0.05	10.3	0.271	1.30	3.7
M354538		16.1	104.5	<0.002	0.04	1.33	11.9	1	2.4	413	0.61	<0.05	10.3	0.258	1.14	3.4
M354539		23.3	102.5	<0.002	0.06	2.24	11.9	1	2.1	387	0.64	<0.05	10.5	0.253	1.17	3.6
M354540		21.1	111.5	0.003	0.03	2.01	11.8	1	1.8	378	0.64	<0.05	10.7	0.250	1.05	3.8
M354541		9640	140.5	0.002	6.84	218	8.3	2	9.0	121.0	0.43	0.52	7.6	0.180	2.04	5.2
M354542		422	127.5	<0.002	0.11	5.55	11.0	1	1.8	340	0.65	<0.05	10.7	0.243	1.49	3.7
M354543		4170	132.5	<0.002	1.55	222	10.2	1	2.5	117.5	0.44	<0.05	9.7	0.205	1.92	4.6
M354544		7.1	2.2	<0.002	<0.01	0.35	0.3	1	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M354545		49.2	101.0	<0.002	0.12	28.0	10.8	1	2.1	128.5	0.59	<0.05	10.2	0.248	1.40	3.1
M354546		21.2	114.0	<0.002	0.07	6.22	12.9	1	2.4	383	0.63	<0.05	10.0	0.275	1.43	3.1
M354547		21.0	120.0	<0.002	0.47	17.40	10.3	1	2.3	229	0.58	<0.05	11.0	0.238	2.61	3.7
M354548		1510	185.5	<0.002	3.08	54.1	10.4	2	2.7	118.5	0.56	0.22	10.0	0.231	2.75	4.5
M354549		22.4	118.0	<0.002	0.20	7.00	11.9	1	2.3	373	0.68	<0.05	10.7	0.264	1.39	3.5





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**CERTIFICATE OF ANALYSIS WH12219352**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M354526		77	1.9	15.3	59	28.8		
M354527		71	1.0	15.4	55	32.3		
M354528		53	4.2	9.1	>10000	31.2	119	1.605
M354529		73	2.5	14.8	60	34.4		
M354530		75	4.3	14.7	52	30.8		
M354531		86	3.8	16.8	61	24.7		
M354532		74	1.8	16.0	59	25.6		
M354533		73	3.9	15.5	55	29.7		
M354534		3	0.1	0.8	17	<0.5		
M354535		71	3.9	15.0	65	28.0		
M354536		76	5.3	15.6	56	30.4		
M354537		75	4.5	16.4	55	31.5		
M354538		71	3.5	15.4	53	28.9		
M354539		69	2.6	15.8	71	29.2		
M354540		69	2.2	15.8	64	26.2		
M354541		52	4.1	8.8	>10000	30.7	117	1.585
M354542		66	8.0	14.0	155	26.1		
M354543		58	4.3	11.6	6250	21.1		
M354544		3	0.1	0.9	26	<0.5		
M354545		68	3.1	13.5	115	24.6		
M354546		79	4.3	15.4	64	28.4		
M354547		66	4.9	14.5	62	24.8		
M354548		65	7.7	12.9	5540	20.4		
M354549		74	5.8	16.9	64	24.9		



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



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P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219353**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M356676		2.86	0.116	5.60	6.72	130.0	120	1.44	4.83	0.99	17.20	45.9	7.7	8	10.10	410
M356677		7.23	0.144	2.36	7.18	98.6	240	1.50	4.35	1.46	2.82	46.9	6.0	7	10.95	734
M356678		4.85	0.064	0.90	7.31	61.8	200	1.40	1.37	1.40	2.43	42.8	7.8	9	12.85	416
M356679		3.11	0.047	1.05	7.46	76.3	650	1.42	0.64	2.36	0.82	51.3	7.7	7	14.20	454
M356680		1.69	0.046	1.01	7.46	52.4	580	1.35	0.98	2.00	0.68	45.2	8.6	6	12.80	482
M356681		2.93	0.067	2.77	6.83	102.5	310	1.19	3.08	1.36	5.18	48.5	8.3	6	10.05	590
M356682		1.50	<0.005	0.04	0.10	<5	30	0.05	0.01	21.3	0.09	1.38	0.7	<1	0.27	5.8
M356683		3.74	0.057	1.07	7.31	39.5	170	1.39	1.61	1.68	0.66	42.9	6.1	8	12.20	298
M356684		6.27	0.038	0.81	7.21	17.9	190	1.40	1.03	2.22	0.77	44.7	7.0	7	12.95	351
M356685		2.50	0.113	1.03	7.12	44.8	210	1.38	1.37	1.81	0.39	48.2	9.2	7	11.75	778
M356686		6.59	0.078	0.99	7.37	25.9	300	1.65	1.00	2.27	0.34	42.6	8.3	7	13.80	577
M356687		3.63	0.041	1.25	7.32	49.8	410	1.53	0.94	1.93	1.43	48.8	6.3	6	18.55	354
M356688		2.82	0.165	9.83	5.96	205	170	1.22	5.80	2.18	106.5	31.8	7.8	5	9.41	979
M356689		2.93	<0.005	0.04	0.08	<5	20	0.06	0.02	20.2	0.32	1.06	0.6	<1	0.44	6.5
M356690		5.50	0.039	1.02	7.30	34.8	180	1.39	1.47	1.83	0.95	34.3	6.2	7	13.20	410
M356691		3.16	0.055	1.79	7.23	13.8	310	1.29	2.65	2.37	0.95	34.5	10.0	8	13.55	487
M356692		3.55	0.065	0.81	7.09	18.5	560	1.55	0.78	2.14	0.27	38.3	8.1	8	12.10	598
M356693		6.68	0.034	0.74	7.23	12.8	450	1.61	0.94	2.23	0.42	42.7	7.6	8	12.50	534
M356694		<0.02	0.030	0.78	7.20	13.2	390	1.48	0.93	2.21	0.44	44.9	8.2	8	12.90	517
M356695		9.48	0.044	0.79	7.03	22.0	400	1.37	1.15	2.01	0.88	49.6	11.1	10	13.80	325
M356696		8.39	0.045	0.84	6.93	38.6	950	1.56	0.92	2.12	4.22	50.4	6.8	9	16.35	372
M356697		4.11	0.068	1.33	7.11	31.6	760	1.48	1.65	1.78	0.79	52.3	10.0	9	15.35	320
M356698		5.99	0.057	3.28	7.08	44.0	900	1.47	3.79	1.94	6.93	51.6	8.7	7	19.15	407
M356699		2.44	0.065	2.37	6.89	38.9	580	1.41	1.46	1.61	26.9	51.2	10.0	7	14.70	397
M356700		4.00	0.025	1.56	7.00	26.7	400	1.52	1.75	1.65	10.10	52.8	7.2	7	13.40	248
M356701		0.26	0.285	99.3	5.31	197.0	600	0.76	5.15	1.38	24.1	19.60	12.6	62	0.94	6080
M356702		3.06	0.039	1.95	6.88	36.4	500	1.65	0.78	2.21	5.64	49.2	7.9	7	16.35	493
M356703		5.38	0.078	1.39	7.09	24.8	430	1.45	1.15	2.03	0.52	50.4	8.0	8	14.20	558
M356704		2.76	0.038	2.36	5.53	31.8	1010	1.05	2.28	1.49	2.45	41.2	9.7	17	11.20	272
M356705		6.05	0.034	1.45	7.25	17.5	620	1.43	1.39	2.22	1.70	51.4	9.9	7	16.10	477
M356706		2.74	0.035	1.50	6.96	20.2	910	1.36	1.52	1.95	2.72	45.6	9.6	8	13.40	439
M356707		5.58	0.027	1.29	7.33	28.3	620	1.57	1.25	1.85	2.03	53.8	10.8	6	19.05	349
M356708		3.50	0.037	0.65	8.20	19.8	600	2.17	0.69	2.02	2.34	45.5	19.5	11	14.95	596
M356709		7.84	0.038	1.44	7.72	53.1	580	1.70	1.19	2.54	1.46	50.2	12.5	7	23.3	377
M356710		0.26	0.274	99.7	5.35	192.5	600	0.69	5.14	1.43	24.4	20.1	12.8	65	0.96	6200
M356711		3.76	0.049	2.24	6.88	56.2	620	1.70	1.41	1.72	8.32	55.6	7.3	6	19.40	705



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**CERTIFICATE OF ANALYSIS WH12219353**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356676		5.97	14.45	0.12	0.9	0.382	3.18	23.9	9.8	0.66	836	17.35	0.05	2.5	2.7	480
M356677		4.49	15.80	0.11	0.8	0.130	3.46	24.2	8.1	0.86	736	4.32	0.05	3.3	2.4	520
M356678		4.09	15.30	0.09	0.8	0.039	3.37	22.0	8.9	0.83	303	11.90	0.04	3.3	2.5	560
M356679		3.24	15.40	0.12	0.7	0.023	3.63	26.1	7.7	1.14	492	3.09	0.05	3.3	3.2	610
M356680		3.38	13.90	0.10	0.7	0.053	3.60	24.2	9.2	1.02	329	3.23	0.05	3.0	2.5	570
M356681		4.49	14.00	0.12	0.6	0.245	3.26	27.0	11.0	0.79	488	38.3	0.05	2.3	2.8	510
M356682		0.53	0.28	0.05	<0.1	<0.005	0.04	0.7	1.0	13.45	237	0.26	0.01	0.2	1.5	200
M356683		3.99	14.65	0.13	0.7	0.086	3.41	22.0	13.5	0.83	542	4.25	0.09	3.1	2.3	570
M356684		3.72	14.45	0.12	0.7	0.039	3.08	23.1	13.7	0.82	316	4.89	0.57	3.6	2.2	530
M356685		4.25	16.25	0.11	0.6	0.077	3.25	24.0	12.3	0.77	200	5.03	0.38	3.8	2.6	550
M356686		3.28	16.50	0.10	0.7	0.060	3.03	21.4	16.1	0.69	286	6.75	1.01	4.3	2.5	570
M356687		3.50	15.50	0.13	0.7	0.081	3.30	26.3	11.1	0.94	711	1.79	0.04	4.0	2.2	540
M356688		6.60	13.55	0.11	0.5	0.726	2.86	17.8	10.3	1.05	2100	5.89	0.04	3.5	2.2	440
M356689		0.46	0.28	0.05	<0.1	<0.005	0.04	0.5	1.1	12.70	213	0.17	<0.01	0.2	1.2	160
M356690		4.03	14.75	0.10	0.6	0.081	3.29	17.7	14.2	0.79	339	2.90	0.44	4.1	2.4	590
M356691		3.77	15.55	0.09	0.7	0.084	3.08	16.4	18.7	0.92	366	5.70	1.09	4.8	2.8	740
M356692		2.38	15.10	0.09	0.7	0.059	3.07	20.2	33.1	0.64	167	5.86	1.34	4.1	2.3	540
M356693		2.94	14.90	0.10	0.8	0.033	2.88	21.5	18.9	0.75	212	3.99	1.34	5.1	2.3	560
M356694		3.05	15.05	0.09	0.8	0.041	2.85	22.9	18.6	0.78	204	6.08	1.31	5.0	2.3	570
M356695		3.44	15.40	0.13	1.0	0.087	3.03	26.0	15.5	0.76	300	4.24	0.66	5.1	3.1	540
M356696		2.57	15.60	0.15	1.0	0.079	2.97	26.9	20.2	0.76	379	18.90	0.39	5.0	2.3	560
M356697		4.51	15.75	0.17	1.0	0.115	3.26	27.5	10.4	0.83	421	3.18	0.08	4.2	3.0	590
M356698		3.37	15.65	0.17	0.9	0.092	3.20	27.1	10.5	0.77	464	6.25	0.08	4.8	2.5	580
M356699		4.48	14.95	0.16	0.9	0.218	3.17	28.2	10.5	0.79	756	3.39	0.05	4.0	2.6	540
M356700		4.01	14.65	0.15	1.0	0.152	3.29	28.4	8.6	0.79	665	3.05	0.05	4.7	2.3	540
M356701		5.75	11.70	0.10	1.7	0.438	1.11	9.5	12.5	1.09	1720	22.5	1.57	3.6	29.7	440
M356702		3.21	15.40	0.15	1.0	0.107	3.07	25.8	30.9	0.79	700	2.32	0.31	5.6	2.2	520
M356703		3.52	15.55	0.14	1.1	0.113	3.19	25.9	22.5	0.81	372	4.85	0.61	5.0	2.4	560
M356704		8.94	11.85	0.16	0.7	0.108	2.53	22.0	20.4	0.74	435	5.06	0.19	2.8	2.9	500
M356705		3.49	16.55	0.16	1.2	0.124	3.09	27.5	17.2	0.90	481	9.57	0.35	5.1	2.3	550
M356706		3.85	15.80	0.15	1.1	0.135	3.11	24.9	14.0	0.82	428	13.00	0.47	4.8	2.3	530
M356707		3.49	16.90	0.16	1.2	0.081	3.00	29.3	20.9	0.80	514	3.95	0.05	5.5	2.5	570
M356708		5.03	19.95	0.15	1.3	0.036	1.96	21.8	49.7	1.14	586	5.31	0.05	4.7	4.3	1150
M356709		5.53	18.70	0.17	1.4	0.055	3.17	24.7	17.5	1.04	1080	4.39	0.06	5.6	2.3	1100
M356710		5.84	11.75	0.11	1.7	0.444	1.11	9.7	13.1	1.11	1760	22.1	1.58	3.8	32.2	460
M356711		4.07	15.80	0.15	1.1	0.124	3.20	30.2	16.3	0.72	885	5.03	0.07	5.7	2.2	620



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**CERTIFICATE OF ANALYSIS WH12219353**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356676		476	158.0	0.002	6.17	59.6	8.0	3	9.7	63.1	0.31	0.22	18.2	0.107	2.43	3.1
M356677		128.0	175.0	0.012	4.33	25.3	8.9	3	8.3	45.5	0.34	0.20	13.7	0.141	2.90	3.1
M356678		81.2	168.0	0.010	3.90	6.07	9.3	4	7.6	51.6	0.33	0.19	13.8	0.145	2.95	2.4
M356679		32.8	148.5	0.005	2.57	13.15	9.6	3	5.4	47.6	0.29	<0.05	13.1	0.165	2.74	2.9
M356680		35.4	148.5	0.004	2.84	32.3	9.2	4	6.3	32.9	0.27	0.05	13.3	0.161	2.71	3.2
M356681		159.0	167.5	0.034	4.11	111.5	8.7	4	9.0	25.8	0.22	0.11	12.4	0.125	2.72	2.6
M356682		2.0	2.1	<0.002	0.01	0.51	0.3	1	<0.2	40.3	<0.05	<0.05	0.2	0.005	0.03	0.5
M356683		38.4	135.0	0.004	3.56	15.60	9.2	5	6.9	86.1	0.28	0.27	12.8	0.158	2.51	3.4
M356684		30.5	128.5	0.003	3.22	2.45	9.4	4	5.8	200	0.31	0.12	12.4	0.162	2.10	3.0
M356685		21.5	150.5	0.006	3.63	2.28	9.8	3	7.0	128.5	0.32	0.18	12.2	0.171	2.19	3.4
M356686		23.1	121.5	0.009	2.32	3.48	9.9	3	4.7	387	0.37	0.07	11.9	0.185	2.19	4.0
M356687		71.9	156.0	0.002	2.85	25.8	9.6	3	4.3	52.5	0.35	0.08	13.8	0.169	2.83	3.7
M356688		3250	136.0	0.004	6.99	40.2	9.6	4	23.3	40.3	0.30	0.30	11.7	0.143	2.15	2.5
M356689		9.0	2.8	<0.002	0.01	0.20	0.3	<1	0.2	36.5	<0.05	<0.05	0.2	<0.005	0.02	0.8
M356690		44.8	142.5	0.002	3.50	5.41	10.0	3	5.5	182.5	0.36	0.17	13.0	0.167	2.33	4.1
M356691		51.0	117.5	0.010	2.74	1.29	11.8	3	5.1	2300	0.41	0.09	10.5	0.243	2.09	3.0
M356692		16.7	105.5	0.007	1.92	1.25	9.5	1	3.9	1210	0.35	0.08	11.4	0.175	1.78	3.7
M356693		21.4	110.0	0.010	2.20	0.97	9.2	2	3.7	1250	0.45	0.16	12.0	0.197	1.81	3.6
M356694		21.4	111.5	0.007	2.36	0.95	9.6	3	3.8	1185	0.43	0.16	12.4	0.198	1.89	3.7
M356695		41.2	138.0	0.004	2.62	3.78	10.5	3	5.2	376	0.45	0.15	12.7	0.166	2.08	4.6
M356696		131.0	129.5	0.018	1.70	9.56	10.8	2	3.9	163.5	0.46	0.05	13.3	0.175	2.30	4.3
M356697		44.6	166.0	0.004	3.85	3.48	11.6	4	6.1	76.3	0.38	0.13	13.7	0.168	2.48	4.1
M356698		326	142.5	0.007	2.48	7.00	10.7	3	4.0	83.3	0.42	0.10	13.2	0.174	2.62	3.8
M356699		867	149.0	0.004	3.94	7.15	10.7	4	6.1	42.5	0.34	0.14	13.4	0.147	2.36	3.4
M356700		232	143.5	0.003	3.52	5.15	10.2	4	6.4	54.7	0.42	0.24	13.9	0.158	2.43	4.0
M356701		>10000	28.1	0.011	2.23	445	12.3	4	1.9	185.5	0.23	1.11	2.0	0.236	0.50	1.3
M356702		265	131.0	0.002	2.28	3.95	10.2	3	5.9	171.0	0.48	0.08	13.3	0.177	2.40	4.7
M356703		32.3	137.0	0.005	2.83	2.34	10.5	3	6.0	239	0.44	0.12	13.0	0.171	2.21	4.3
M356704		219	109.0	0.005	9.51	3.47	9.8	7	5.8	96.1	0.21	0.27	8.7	0.129	1.65	3.2
M356705		83.4	141.5	0.007	2.49	5.09	10.2	3	6.7	125.0	0.46	0.16	14.3	0.169	2.20	5.0
M356706		86.2	145.0	0.010	3.05	5.27	10.0	4	8.6	153.0	0.46	0.20	14.0	0.163	2.16	4.4
M356707		62.4	155.5	0.004	2.56	7.11	11.1	4	6.0	73.1	0.55	0.25	15.0	0.172	2.54	3.2
M356708		21.6	80.1	0.006	2.55	4.51	16.0	4	5.7	91.6	0.35	0.12	7.8	0.358	1.79	5.8
M356709		28.1	160.0	0.003	4.60	8.53	15.2	5	6.7	107.5	0.40	0.27	8.5	0.372	2.74	3.7
M356710		>10000	28.2	0.011	2.24	453	12.7	3	2.0	187.5	0.25	1.07	2.1	0.242	0.50	1.3
M356711		215	156.5	0.003	3.45	11.05	10.7	3	5.6	67.0	0.55	0.28	13.8	0.202	2.66	4.0



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**CERTIFICATE OF ANALYSIS WH12219353**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
M356676		54	9.8	8.0	1350	21.4	
M356677		59	9.4	9.6	248	18.9	
M356678		61	6.8	11.8	172	17.6	
M356679		65	5.4	11.6	89	17.8	
M356680		64	5.7	10.1	72	17.5	
M356681		57	8.8	8.9	456	14.2	
M356682		2	0.1	0.8	16	0.5	
M356683		64	12.3	10.4	80	15.8	
M356684		61	8.3	11.5	82	16.9	
M356685		70	11.4	11.5	48	16.4	
M356686		64	5.1	12.5	64	16.6	
M356687		63	7.3	12.8	160	16.0	
M356688		59	16.0	10.0	9930	13.5	
M356689		2	0.2	0.7	25	0.8	
M356690		65	15.6	12.4	102	15.8	
M356691		90	8.2	12.4	104	17.6	
M356692		64	6.0	10.0	41	17.8	
M356693		64	7.5	11.4	57	20.5	
M356694		65	7.7	11.6	58	20.1	
M356695		63	10.2	13.0	79	25.6	
M356696		63	7.4	11.9	303	24.2	
M356697		68	15.0	12.1	88	22.2	
M356698		63	7.8	11.7	479	22.7	
M356699		60	12.4	11.8	1920	23.2	
M356700		59	16.6	11.6	734	25.6	
M356701		77	0.7	14.2	5080	54.7	1.015
M356702		61	9.4	12.1	459	25.1	
M356703		64	12.3	12.2	70	26.9	
M356704		65	17.3	10.0	208	19.4	
M356705		61	8.0	12.7	148	30.3	
M356706		60	10.4	11.7	205	28.1	
M356707		63	6.7	13.4	154	30.7	
M356708		121	7.4	19.7	185	42.6	
M356709		118	25.1	18.9	114	44.5	
M356710		79	0.7	14.2	5200	55.7	1.035
M356711		69	31.7	14.0	586	29.4	



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1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

Project: Klaza - 132

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Finalized Date: 30-SEP-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12219353**

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





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To: **ROCKHAVEN RESOURCES LTD.**  
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Page: 1  
Finalized Date: 1-OCT-2012  
Account: ROCKHA

**CERTIFICATE WH12219354**

Project: Klaza - 132

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza - 132

**CERTIFICATE OF ANALYSIS WH12219354**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356712		6.09	0.018	1.01	7.70	39.0	690	1.38	1.39	2.13	0.94	48.8	11.3	8	14.75	305
M356713		7.46	0.081	1.36	7.53	28.9	620	1.39	1.75	2.90	0.64	40.4	11.3	8	15.65	1340
M356714		4.21	0.101	23.2	7.03	363	300	1.44	10.00	2.59	35.5	34.9	12.2	6	18.35	2020
M356715		5.80	0.032	0.86	7.59	49.1	540	1.53	0.97	3.18	0.75	50.1	12.2	6	19.75	153.5
M356716		3.09	0.109	0.64	7.55	27.3	790	1.40	2.45	1.91	0.22	52.7	9.4	6	12.55	148.5
M356717		4.88	0.032	0.77	7.98	24.8	1070	1.30	1.63	2.93	0.31	41.4	14.3	7	16.55	257
M356718		2.62	0.038	0.74	7.53	23.1	360	1.48	1.37	2.86	0.22	41.4	14.4	6	16.85	336
M356719		4.89	0.074	1.20	7.49	53.7	340	1.35	1.24	2.74	0.35	42.2	14.0	8	15.40	562
M356720		8.67	0.037	1.16	7.50	86.7	730	1.40	1.14	1.91	2.46	51.4	12.7	9	15.10	405
M356721		0.26	0.285	99.4	5.50	236	590	0.67	5.30	1.39	23.6	19.80	11.5	59	0.88	6050
M356722		3.19	0.142	4.98	5.69	140.5	440	0.98	2.63	1.33	9.84	52.2	10.9	5	6.00	303
M356723		7.48	0.055	2.99	7.25	132.0	880	1.46	5.18	1.69	3.31	53.9	10.3	6	14.60	253
M356724		3.86	0.045	3.53	7.41	129.0	880	1.29	2.38	1.22	4.98	46.9	12.2	7	9.96	243
M356725		1.84	<0.005	0.02	0.07	<5	20	0.07	0.02	20.3	0.08	1.22	1.2	<1	0.16	2.0
M356726		8.24	0.070	3.43	7.22	198.0	990	1.22	3.30	1.17	3.64	50.3	14.9	6	9.20	381
M356727		3.94	0.093	1.26	6.89	66.8	760	1.05	4.34	0.97	2.24	51.1	11.9	7	5.73	189.5
M356728		5.09	0.120	1.38	7.05	177.0	760	1.28	1.79	1.42	2.07	52.0	12.5	6	10.95	483
M356729		3.04	0.076	1.13	7.43	160.0	1000	1.37	0.81	1.70	7.08	61.4	15.7	9	14.15	542
M356730		0.26	2.26	24.9	5.89	3230	1450	1.17	20.9	2.16	74.7	45.6	10.3	18	14.20	430
M356731		2.83	0.041	0.87	6.93	106.5	1330	1.29	0.82	1.79	0.90	50.7	13.8	8	13.25	339
M356732		4.80	0.040	1.89	6.51	88.6	940	1.31	1.64	1.49	9.91	49.1	8.3	7	10.80	222
M356733		5.00	5.11	41.1	5.14	974	470	0.81	283	0.58	7.86	38.8	7.9	5	7.68	2610
M356734		2.97	<0.005	0.07	0.07	6	20	0.07	0.44	19.80	0.08	1.29	1.5	<1	0.30	6.6
M356735		4.98	0.025	0.20	7.25	45.9	900	1.92	0.79	2.69	0.34	62.0	6.4	15	17.10	36.2
M356736		3.79	0.480	4.49	7.19	361	660	1.50	21.6	2.16	2.50	37.8	18.2	15	14.90	608
M356737		6.02	0.093	1.18	7.38	86.0	620	1.38	12.05	3.32	0.41	38.7	14.5	20	21.6	632
M356738		2.85	0.072	1.42	7.12	236	690	1.36	2.48	3.24	0.38	39.5	13.7	18	24.1	1275
M356739		3.00	0.079	0.30	6.97	103.0	570	1.63	0.20	3.23	0.26	59.6	6.7	14	17.15	16.8
M356740		3.08	0.199	1.60	7.42	116.0	650	1.55	2.20	2.41	1.97	42.4	17.4	17	20.8	510
M356741		3.09	0.154	1.97	6.80	154.5	600	1.10	3.56	2.76	4.92	39.9	16.0	13	8.85	274
M356742		<0.02	0.192	2.04	6.54	161.0	540	1.14	3.11	2.62	5.40	41.1	15.4	13	8.37	276
M356743		2.58	0.171	4.85	6.44	188.5	540	1.08	7.52	2.01	2.87	32.1	21.5	15	12.70	571
M356744		5.55	0.056	1.45	7.25	32.8	490	1.36	5.90	3.52	1.11	43.2	12.3	13	24.5	669
M356745		8.41	0.041	0.88	6.82	34.1	480	1.36	1.00	3.02	0.41	39.1	11.7	10	19.95	464
M356746		8.85	0.025	0.90	7.26	45.8	570	1.28	0.96	3.06	1.15	38.7	12.4	7	18.30	254
M356747		3.03	0.100	1.64	8.24	114.0	200	1.31	2.90	1.97	2.27	43.0	16.0	7	14.40	280



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Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza - 132

**CERTIFICATE OF ANALYSIS WH12219354**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356712		4.99	16.75	0.19	0.8	0.065	3.00	27.2	20.8	0.94	335	3.20	0.26	4.2	2.6	620
M356713		5.21	19.10	0.19	0.9	0.102	2.64	20.2	27.1	1.13	586	4.57	0.12	4.4	2.5	920
M356714		7.57	17.00	0.22	0.9	1.060	3.00	17.4	12.4	1.04	1780	7.18	0.06	4.9	2.4	890
M356715		5.15	17.25	0.19	1.0	0.057	2.96	25.6	18.4	1.07	1890	7.58	0.06	6.0	2.3	860
M356716		6.57	18.30	0.21	1.0	0.077	3.41	28.5	14.0	0.87	342	5.00	0.32	3.7	1.7	880
M356717		6.61	19.75	0.22	0.7	0.108	2.86	19.8	20.1	1.28	645	32.1	0.52	4.7	2.5	1120
M356718		5.51	19.50	0.19	0.8	0.096	2.78	19.9	21.3	1.16	543	18.30	0.61	4.7	2.6	1010
M356719		5.51	17.65	0.18	0.9	0.092	3.09	21.7	21.8	1.12	442	4.31	0.06	3.7	2.4	710
M356720		4.24	15.45	0.18	0.8	0.071	3.16	29.7	13.4	1.01	420	3.46	0.05	3.8	2.4	540
M356721		5.73	12.75	0.15	1.7	0.445	1.11	9.8	12.1	1.16	1700	22.2	1.57	3.4	26.1	440
M356722		4.69	13.05	0.15	0.8	0.220	2.68	30.7	15.4	0.78	1380	30.3	0.05	2.3	2.4	330
M356723		4.11	14.90	0.16	0.8	0.251	3.20	31.5	9.6	0.90	554	7.53	0.05	3.5	2.2	520
M356724		5.04	15.70	0.18	0.7	0.165	3.35	26.5	9.0	0.77	1050	11.65	0.05	3.8	2.4	520
M356725		0.46	0.28	0.09	<0.1	<0.005	0.03	0.6	0.9	13.45	212	0.10	<0.01	0.2	2.2	180
M356726		5.21	14.80	0.17	0.7	0.201	3.39	28.0	10.3	0.81	761	6.82	0.06	2.4	2.5	500
M356727		7.07	13.25	0.20	0.6	0.125	3.18	28.5	11.2	0.70	589	6.85	0.07	2.9	2.7	480
M356728		4.67	15.00	0.17	0.6	0.199	3.21	30.2	11.2	0.91	451	5.56	0.06	3.0	2.6	500
M356729		3.83	14.60	0.18	0.7	0.300	3.28	36.7	9.3	1.00	548	3.75	0.05	3.5	3.1	550
M356730		6.56	14.30	0.18	0.9	1.670	2.62	26.1	21.9	0.94	1890	13.80	0.04	5.9	14.2	430
M356731		3.76	14.60	0.16	0.6	0.078	3.30	28.4	10.1	1.00	635	14.75	0.06	3.4	3.1	560
M356732		4.60	14.15	0.18	0.7	0.438	3.15	26.8	11.6	0.86	779	22.3	0.05	3.8	2.5	490
M356733		13.35	11.85	0.40	0.6	1.050	2.46	20.7	10.5	0.45	345	2.95	0.05	2.1	2.5	410
M356734		0.50	0.25	<0.05	<0.1	0.005	0.03	0.6	1.0	12.40	218	0.14	<0.01	0.2	<0.2	160
M356735		2.11	18.65	0.11	2.4	0.036	3.18	33.3	15.9	1.10	693	1.74	0.08	9.1	4.5	650
M356736		9.03	21.2	0.28	0.9	0.210	3.30	17.6	29.2	1.10	631	7.12	0.08	3.4	3.5	850
M356737		6.04	21.1	0.19	0.8	0.078	2.67	17.6	48.4	1.50	373	4.53	0.31	4.6	2.9	960
M356738		5.64	18.55	0.19	0.7	0.109	2.01	18.8	68.4	1.31	427	3.35	0.22	4.5	3.0	870
M356739		2.53	18.50	0.16	3.4	0.039	3.11	31.5	19.5	1.26	849	1.89	0.09	10.1	5.4	970
M356740		6.76	19.60	0.23	0.9	0.134	2.94	20.2	33.7	1.24	507	10.30	0.08	2.9	3.0	940
M356741		8.39	16.15	0.28	0.8	0.156	3.29	19.2	11.2	1.51	898	3.36	0.07	2.4	3.7	870
M356742		8.32	15.45	0.29	0.8	0.158	3.16	19.9	10.5	1.44	857	3.41	0.07	2.3	3.5	850
M356743		9.39	16.40	0.30	0.8	0.138	3.07	15.0	12.4	1.11	634	11.60	0.09	2.3	3.4	800
M356744		5.93	19.15	0.21	1.0	0.052	2.34	21.1	25.6	1.30	312	4.85	0.64	4.4	2.2	960
M356745		5.34	18.20	0.21	0.5	0.086	2.21	18.1	28.5	1.06	403	10.35	0.94	5.7	2.5	860
M356746		5.12	18.80	0.22	0.5	0.114	2.29	17.9	29.6	1.14	465	19.50	0.90	5.6	1.9	900
M356747		7.03	18.35	0.20	0.4	0.224	3.87	20.6	12.6	1.00	842	5.44	0.07	3.1	2.4	1000



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Total # Pages: 2 (A - D)  
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Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza - 132

**CERTIFICATE OF ANALYSIS WH12219354**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356712		56.6	132.5	0.004	4.19	6.57	10.6	4	4.3	92.9	0.37	0.23	13.0	0.188	1.98	3.5
M356713		34.2	87.8	0.003	3.55	5.63	12.4	4	5.6	108.0	0.33	0.19	8.1	0.312	1.99	3.2
M356714		2620	116.5	0.003	7.57	446	12.2	6	8.4	81.4	0.34	0.29	6.9	0.330	2.11	2.8
M356715		56.4	124.0	0.003	4.07	8.87	11.9	4	4.2	99.1	0.53	0.11	12.5	0.331	2.10	4.9
M356716		19.2	165.0	0.002	6.28	8.13	12.2	4	7.3	88.4	0.33	0.33	14.1	0.255	1.85	4.2
M356717		22.1	127.0	0.027	5.18	3.47	15.0	5	5.8	324	0.32	0.25	6.5	0.366	2.05	3.5
M356718		19.3	106.5	0.016	4.03	3.59	13.3	4	5.0	319	0.37	0.20	8.4	0.329	1.96	3.9
M356719		22.0	120.5	0.002	4.71	16.20	10.3	5	5.4	109.0	0.32	0.13	9.6	0.217	2.28	3.0
M356720		111.5	150.5	0.002	3.83	50.1	9.6	4	4.4	61.8	0.34	0.11	14.6	0.155	2.23	3.5
M356721		>10000	28.3	0.009	2.28	449	11.4	3	1.9	186.0	0.24	1.04	2.2	0.239	0.44	1.5
M356722		226	124.5	0.022	4.69	59.2	6.1	4	8.6	33.9	0.25	0.16	14.7	0.090	1.46	3.1
M356723		113.5	150.0	0.005	3.72	21.5	9.4	4	5.3	52.5	0.34	0.09	15.4	0.142	2.22	3.7
M356724		163.0	149.0	0.008	4.97	22.8	10.0	4	7.4	35.7	0.36	0.12	15.3	0.149	2.25	7.2
M356725		1.4	1.4	<0.002	<0.01	0.12	0.2	1	<0.2	42.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
M356726		135.5	150.0	0.006	5.09	40.5	9.3	6	8.7	32.6	0.25	0.42	14.1	0.116	2.15	3.0
M356727		65.7	135.5	0.003	7.11	16.00	8.9	5	9.5	25.4	0.27	1.53	12.3	0.126	1.54	4.3
M356728		54.6	160.5	0.003	4.43	52.2	9.4	4	9.3	37.4	0.28	0.11	13.8	0.128	2.13	3.8
M356729		193.0	147.0	0.002	3.49	18.75	9.8	4	4.8	53.6	0.32	0.06	13.2	0.156	2.30	3.9
M356730		2840	150.0	<0.002	4.67	87.6	7.5	2	7.8	87.9	0.52	0.38	11.8	0.179	2.11	5.5
M356731		47.8	171.5	0.005	3.45	14.50	10.1	4	6.0	65.1	0.28	0.11	10.5	0.154	2.60	4.4
M356732		327	160.0	0.007	4.29	20.8	10.1	4	9.2	46.4	0.33	0.13	12.4	0.144	2.58	3.8
M356733		525	126.0	0.003	>10.0	131.0	7.4	19	22.1	78.4	0.18	2.48	10.4	0.097	1.76	3.3
M356734		2.2	1.9	<0.002	0.03	0.32	0.6	2	0.2	40.6	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M356735		9.4	164.5	<0.002	0.74	9.62	6.7	2	2.0	104.5	0.77	<0.05	11.3	0.232	3.23	8.7
M356736		97.3	167.5	0.006	8.84	23.7	17.7	7	14.2	67.3	0.24	1.22	5.7	0.286	2.87	3.3
M356737		24.1	116.0	0.005	4.50	10.15	19.5	3	7.0	273	0.31	0.16	4.7	0.391	2.50	2.5
M356738		17.2	102.5	0.004	4.10	64.8	18.5	4	5.4	215	0.30	0.30	4.8	0.370	1.94	3.2
M356739		14.8	178.0	<0.002	1.07	10.45	7.3	2	1.4	176.5	0.76	<0.05	10.1	0.275	2.83	5.8
M356740		43.0	164.0	0.004	5.44	8.20	18.3	4	8.5	117.5	0.21	0.19	5.2	0.293	2.64	3.7
M356741		122.0	159.5	0.003	8.19	11.10	16.9	5	9.6	57.8	0.17	0.21	4.8	0.242	2.45	2.3
M356742		123.5	156.0	0.002	8.16	11.70	16.5	5	9.4	54.9	0.17	0.19	5.0	0.235	2.35	2.3
M356743		145.0	150.0	0.005	9.84	34.4	16.1	6	10.8	66.8	0.16	0.29	4.6	0.216	2.08	1.8
M356744		33.9	108.5	0.005	4.31	5.50	15.7	4	5.3	304	0.30	0.16	5.4	0.318	1.92	2.5
M356745		38.6	90.1	0.007	3.33	5.88	11.6	4	4.0	361	0.40	0.08	5.4	0.333	1.81	2.4
M356746		82.5	92.0	0.032	2.85	8.85	11.9	4	3.9	389	0.40	0.07	5.2	0.342	1.89	2.7
M356747		70.1	171.5	0.003	6.63	21.5	13.4	5	7.2	50.3	0.22	0.17	6.5	0.249	2.88	2.3



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**CERTIFICATE OF ANALYSIS WH12219354**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
M356712		72	13.2	12.9	99	25.0	
M356713		108	9.7	14.4	92	30.5	
M356714		104	22.3	13.0	2740	33.1	
M356715		100	18.9	15.3	87	33.7	
M356716		100	11.0	12.4	41	31.7	
M356717		126	15.9	16.5	75	25.9	
M356718		115	12.0	15.4	69	26.1	
M356719		79	14.9	12.7	67	31.6	
M356720		63	12.8	11.7	221	21.5	
M356721		79	0.6	14.2	5060	53.6	1.000
M356722		42	13.5	6.7	757	21.6	
M356723		57	11.1	10.7	290	21.8	
M356724		61	12.0	10.3	406	19.2	
M356725		2	0.1	0.7	15	<0.5	
M356726		60	11.5	9.1	286	18.3	
M356727		58	23.1	10.6	227	17.7	
M356728		59	16.9	10.1	168	17.6	
M356729		68	13.4	12.0	624	17.9	
M356730		55	5.3	9.2	5280	24.8	
M356731		68	15.3	12.9	90	14.1	
M356732		59	16.3	11.7	702	17.9	
M356733		46	18.9	8.8	534	13.8	
M356734		2	0.1	0.9	13	<0.5	
M356735		49	3.1	12.8	63	76.9	
M356736		122	18.9	13.8	227	19.1	
M356737		147	14.6	15.2	61	16.9	
M356738		137	21.8	15.8	102	16.6	
M356739		58	3.9	14.6	57	123.0	
M356740		130	12.8	15.8	212	22.5	
M356741		116	23.6	12.9	407	20.4	
M356742		113	23.3	12.4	440	19.0	
M356743		115	19.3	13.6	215	18.1	
M356744		112	12.9	15.5	105	26.1	
M356745		83	10.8	13.8	72	11.7	
M356746		85	9.8	14.5	124	10.3	
M356747		91	20.6	13.8	216	9.8	



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**CERTIFICATE OF ANALYSIS WH12219354**

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



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**CERTIFICATE WH12219355**

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P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219355**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356748		3.36	0.546	10.50	5.96	504	340	0.96	25.0	1.72	2.91	33.9	15.6	14	11.45	2440
M356749		3.01	0.085	1.88	7.02	143.5	680	1.24	1.27	3.00	2.19	43.6	14.0	16	19.80	557
M356750		7.51	0.086	1.22	7.14	63.5	1170	1.32	0.93	2.93	0.61	44.2	11.2	8	18.50	421
M356751		4.83	0.032	0.49	7.13	8.9	1340	1.17	0.34	3.53	0.18	46.0	10.8	13	15.05	343
M356752		6.65	0.039	0.79	7.40	27.3	910	1.15	0.74	3.38	0.36	47.4	14.4	16	14.45	363
M356753		0.26	2.39	24.9	5.72	3000	1530	1.24	17.90	2.19	76.5	40.2	10.3	18	13.75	431
M356754		2.94	0.042	1.34	7.34	57.0	380	1.45	0.65	3.81	1.63	43.6	14.0	16	17.90	642
M356755		2.41	0.205	15.75	7.23	160.0	240	1.54	1.63	3.35	77.1	44.0	12.3	15	21.1	667
M356756		1.19	<0.005	0.04	0.09	<5	20	0.06	0.01	20.3	0.10	1.12	1.4	<1	0.29	4.1
M356757		3.54	0.076	1.31	7.19	98.7	410	1.54	0.56	3.11	5.16	42.6	11.8	12	17.65	326
M356758		4.59	0.043	1.27	7.02	35.6	530	1.41	0.58	4.59	2.06	44.1	12.2	16	23.5	361
M356759		6.41	0.032	1.15	7.67	22.6	1360	1.27	0.67	3.05	1.94	41.6	15.8	17	12.95	576
M356760		<0.02	0.032	1.14	7.80	21.2	1310	1.42	0.69	3.21	1.64	45.1	16.0	17	13.40	591
M356761		8.04	0.027	0.84	8.18	21.0	1420	1.33	0.58	2.61	1.20	52.8	13.0	11	14.00	439
M356762		7.89	0.038	0.81	7.86	24.8	1340	1.27	0.72	2.81	0.75	48.3	14.1	9	12.95	462
M356763		3.71	0.054	0.78	7.89	24.0	920	1.27	0.54	2.74	0.39	45.6	16.6	8	14.25	491
M356764		4.82	0.032	0.97	7.59	53.2	770	1.36	0.63	1.97	1.35	44.2	15.4	8	13.20	485
M356765		2.54	0.031	0.99	7.53	52.8	770	1.48	0.67	2.10	1.46	42.7	19.8	10	13.15	445
M356766		7.57	0.033	1.06	7.81	20.8	1450	1.50	0.77	3.14	1.24	48.2	13.3	10	12.45	379
M356767		4.73	0.222	2.83	7.82	179.5	550	1.24	6.12	1.49	0.77	42.3	20.5	8	11.30	470
M356768		7.18	0.066	1.07	7.49	29.3	910	1.31	0.71	2.62	0.38	40.2	14.2	9	11.20	562
M356769		0.26	4.43	>100	5.23	6790	1180	1.17	57.4	1.96	221	31.6	9.2	17	10.90	1245
M356770		3.92	0.039	0.83	7.79	9.2	1310	1.35	0.53	2.90	0.33	43.9	14.0	9	10.05	541
M356771		3.90	0.067	0.96	7.26	50.7	390	1.50	0.54	2.78	0.38	45.5	13.7	8	16.10	517
M356772		2.90	0.037	0.82	6.98	97.3	290	1.22	0.45	3.24	0.23	36.1	14.6	8	19.50	377
M356773		3.17	<0.005	0.02	0.10	<5	20	0.08	0.02	19.75	0.07	1.42	1.7	<1	0.25	5.5
M356774		3.74	0.038	0.96	7.76	35.7	370	1.57	0.57	1.68	0.26	35.4	12.0	10	15.00	382
M356775		3.33	0.079	1.19	7.30	79.5	330	1.67	0.52	2.18	0.56	42.3	14.1	9	15.35	471
M356776		4.98	0.029	0.65	7.53	14.8	1280	1.29	0.56	2.34	0.24	36.0	17.5	10	12.00	439
M356777		2.86	0.046	0.93	6.82	95.2	380	1.17	0.56	3.20	0.45	34.7	17.2	8	16.20	382
M356778		5.79	0.024	0.78	7.28	33.4	380	1.36	0.77	2.43	0.24	32.1	15.7	10	14.50	374
M356779		3.13	0.040	0.71	6.95	50.1	250	1.22	0.55	3.28	0.23	34.8	16.3	10	17.10	345
M356780		2.51	0.249	4.53	5.82	308	310	1.05	4.98	2.85	4.99	34.9	19.4	7	18.45	474
M356781		8.32	0.028	0.86	7.06	34.4	1390	1.52	0.46	3.18	0.65	43.4	12.9	10	24.8	430
M356782		2.74	0.103	2.30	6.76	73.5	830	1.33	0.55	3.04	2.54	36.3	12.8	9	19.35	581
M356783		5.14	0.049	1.33	7.19	23.0	1010	1.41	0.55	2.74	0.43	36.0	15.4	11	16.05	611





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**CERTIFICATE OF ANALYSIS WH12219355**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356748		8.25	16.95	0.15	0.9	0.380	2.96	17.1	16.6	0.91	505	5.82	0.06	2.9	3.0	680
M356749		4.85	18.60	0.13	1.1	0.208	3.02	22.6	20.0	1.30	964	16.65	0.08	5.4	2.7	860
M356750		4.66	18.60	0.14	1.2	0.123	2.68	21.7	32.6	1.10	652	27.3	0.44	5.3	1.8	990
M356751		3.76	17.85	0.13	1.2	0.047	2.16	22.3	41.3	1.35	263	49.8	1.54	5.6	1.8	970
M356752		5.54	17.10	0.17	1.0	0.090	2.37	24.5	25.1	1.47	505	22.0	0.61	5.6	3.3	960
M356753		6.63	13.95	0.12	0.9	1.820	2.68	22.5	21.7	0.90	1860	13.30	0.04	6.1	16.3	430
M356754		4.97	18.95	0.15	0.9	0.141	2.09	21.8	26.4	1.32	790	8.17	0.25	6.0	3.0	1010
M356755		5.24	18.35	0.16	0.9	0.471	2.40	22.2	22.9	1.21	1730	12.85	0.04	5.6	3.1	930
M356756		0.46	0.47	0.09	<0.1	0.005	0.03	0.5	1.0	12.75	208	0.20	0.01	0.3	<0.2	170
M356757		4.40	18.60	0.15	1.1	0.116	2.37	20.9	25.1	1.11	1360	5.98	0.04	6.5	2.3	960
M356758		5.46	18.70	0.17	0.9	0.153	2.57	22.4	31.9	1.40	892	12.10	0.05	5.7	2.7	950
M356759		5.16	20.2	0.19	1.0	0.082	2.32	20.0	27.0	1.12	511	9.35	0.58	6.3	2.8	1010
M356760		5.23	20.3	0.18	1.0	0.085	2.35	22.4	27.5	1.13	529	9.10	0.62	6.2	2.9	1010
M356761		4.94	18.80	0.17	0.7	0.094	2.69	28.0	23.7	0.95	526	9.48	0.76	7.2	2.6	960
M356762		4.95	19.30	0.16	0.5	0.079	2.64	24.7	23.8	1.13	403	12.70	1.28	7.2	2.3	940
M356763		4.32	18.90	0.17	0.5	0.047	2.75	22.5	22.8	0.86	396	20.2	0.68	5.5	2.4	980
M356764		5.16	17.45	0.21	0.5	0.103	2.83	22.2	21.1	0.80	519	21.8	0.15	5.3	2.7	880
M356765		5.45	18.05	0.19	0.5	0.102	2.90	20.7	20.5	0.81	525	21.8	0.17	5.3	2.8	880
M356766		5.03	19.05	0.19	0.5	0.127	2.63	24.5	22.6	1.13	707	15.40	0.92	6.8	2.3	920
M356767		7.44	19.50	0.21	0.5	0.211	3.08	21.4	19.4	0.71	737	6.48	0.05	4.7	3.8	910
M356768		5.55	19.15	0.21	0.5	0.095	2.82	18.8	28.1	0.94	628	13.25	0.36	6.0	2.5	960
M356769		8.14	13.15	0.17	1.1	5.12	2.35	16.3	32.4	0.62	3090	15.20	0.08	5.9	15.0	450
M356770		4.95	19.35	0.17	0.5	0.075	2.15	20.9	41.3	1.43	311	10.25	0.62	6.4	2.3	990
M356771		4.92	20.3	0.19	0.7	0.119	2.53	21.4	29.0	1.04	658	10.55	0.05	6.7	2.3	900
M356772		3.83	17.65	0.13	1.3	0.072	2.57	18.5	39.5	1.26	738	8.37	0.05	4.1	2.1	590
M356773		0.49	0.52	0.08	<0.1	<0.005	0.03	0.7	1.1	12.40	203	0.46	0.01	0.4	<0.2	170
M356774		5.66	17.75	0.17	1.2	0.109	2.29	17.5	38.3	1.02	999	8.45	0.03	3.8	2.6	640
M356775		5.36	17.35	0.16	1.2	0.094	2.36	23.9	36.4	1.01	1240	99.7	0.04	4.5	2.6	620
M356776		4.73	17.30	0.16	1.1	0.054	2.13	18.0	29.6	1.10	285	7.36	0.80	4.7	2.6	640
M356777		4.56	16.50	0.16	1.1	0.081	2.41	18.0	22.3	1.34	1040	7.41	0.04	4.4	2.5	580
M356778		4.10	18.90	0.14	1.3	0.101	1.84	15.1	37.8	0.91	388	8.29	0.04	4.7	2.2	650
M356779		3.97	16.75	0.15	1.1	0.060	1.98	18.6	32.2	1.19	456	14.70	0.05	4.1	2.9	610
M356780		7.68	13.80	0.18	0.9	0.238	2.58	19.2	10.7	1.22	1000	57.5	0.04	3.4	2.9	460
M356781		4.16	18.75	0.16	1.2	0.126	2.20	24.8	30.5	1.19	436	8.67	0.43	4.6	2.8	670
M356782		4.26	18.40	0.15	1.3	0.179	2.53	17.8	23.8	1.20	804	6.62	0.65	4.6	3.4	590
M356783		4.59	17.70	0.16	1.1	0.134	2.18	17.7	43.6	1.36	405	9.17	0.59	5.0	2.6	710



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**CERTIFICATE OF ANALYSIS WH12219355**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M356748		144.0	159.0	0.003	8.11	208	14.0	4	14.6	67.3	0.20	0.30	4.7	0.243	2.5
M356749		72.3	157.5	0.005	3.39	75.9	17.1	3	6.8	113.0	0.34	0.11	5.5	0.390	3.6
M356750		37.7	109.5	0.005	2.39	22.1	13.6	3	4.5	518	0.35	0.12	6.1	0.350	2.5
M356751		10.6	82.8	0.009	1.64	1.24	15.8	3	2.8	2920	0.37	0.05	6.3	0.380	2.2
M356752		25.6	105.0	0.010	2.89	8.92	17.4	4	4.0	640	0.36	0.09	6.1	0.374	2.3
M356753		2820	153.0	0.002	4.66	88.5	8.0	2	7.7	88.7	0.49	0.38	9.7	0.181	4.8
M356754		79.5	79.8	0.004	2.64	42.5	17.5	4	3.4	180.5	0.40	0.07	5.6	0.407	3.9
M356755		>10000	118.5	0.005	3.79	51.6	17.3	4	4.1	91.0	0.37	0.28	5.3	0.406	4.1
M356756		6.9	1.9	<0.002	<0.01	0.16	0.5	1	<0.2	42.4	<0.05	<0.05	<0.2	<0.005	0.6
M356757		171.0	98.1	0.003	2.33	18.30	15.4	3	3.8	94.9	0.45	0.07	6.4	0.412	3.7
M356758		57.4	112.5	0.007	2.31	11.65	18.6	3	3.7	131.5	0.37	0.08	5.7	0.397	4.0
M356759		97.9	87.1	0.003	2.18	7.94	18.1	4	3.6	425	0.42	0.08	6.0	0.416	2.5
M356760		98.7	96.1	0.002	2.21	8.18	18.7	4	3.7	440	0.42	0.08	6.6	0.424	2.6
M356761		56.4	114.5	0.006	1.69	9.67	13.5	3	3.1	274	0.49	0.07	7.1	0.417	2.3
M356762		44.4	107.0	0.004	2.10	4.82	13.7	4	4.2	417	0.48	0.10	6.4	0.409	2.2
M356763		25.1	115.0	0.004	2.26	9.02	13.8	4	4.3	192.0	0.37	0.05	6.4	0.368	1.8
M356764		46.3	121.5	0.010	2.77	40.3	12.8	5	4.2	122.5	0.35	0.07	6.4	0.336	2.0
M356765		51.5	116.5	0.011	3.08	40.5	12.8	5	4.3	102.0	0.35	0.08	6.1	0.337	1.9
M356766		38.7	112.5	0.008	1.96	3.56	13.4	4	3.9	2270	0.48	0.08	6.9	0.396	2.4
M356767		60.9	144.0	0.003	5.61	13.95	12.5	5	9.4	61.8	0.30	0.15	6.5	0.316	2.3
M356768		25.9	95.3	0.004	2.74	8.83	14.5	5	5.0	192.0	0.40	0.08	5.5	0.377	2.9
M356769		9610	133.0	0.002	6.84	221	7.5	3	8.8	121.0	0.49	0.51	8.0	0.184	4.9
M356770		21.4	75.6	0.007	2.05	4.50	14.7	4	3.5	288	0.42	0.06	6.1	0.391	3.4
M356771		21.9	99.0	0.002	2.47	22.5	14.4	4	3.9	81.1	0.44	0.06	6.2	0.370	2.8
M356772		18.5	121.5	<0.002	2.36	45.3	14.8	4	3.5	88.4	0.29	0.05	5.3	0.278	2.5
M356773		1.5	1.8	<0.002	0.01	0.20	0.6	1	<0.2	44.2	<0.05	<0.05	<0.2	0.005	0.5
M356774		17.5	113.5	0.002	2.18	13.30	15.7	3	4.1	68.6	0.28	0.05	5.5	0.300	3.3
M356775		48.3	105.0	0.005	2.05	55.0	15.8	3	3.8	65.7	0.33	0.09	5.3	0.324	3.2
M356776		20.0	93.4	<0.002	2.58	8.44	15.6	5	3.2	377	0.34	0.07	5.5	0.327	2.6
M356777		26.9	122.0	0.002	3.01	49.2	13.5	4	2.8	83.8	0.32	0.06	5.0	0.284	3.0
M356778		19.0	67.3	0.002	2.26	19.90	16.0	3	2.9	86.1	0.36	0.09	5.3	0.315	2.9
M356779		17.9	86.7	0.005	2.31	19.80	14.3	4	2.9	83.7	0.31	0.07	5.7	0.293	2.5
M356780		763	128.5	0.005	7.09	53.5	12.1	5	5.2	85.0	0.24	0.14	4.4	0.238	2.3
M356781		31.4	89.3	0.003	1.85	19.55	16.7	3	4.1	211	0.32	0.05	5.1	0.327	2.1
M356782		116.0	118.0	0.003	2.38	18.10	15.0	3	4.8	281	0.34	0.06	5.2	0.297	2.0
M356783		30.2	85.0	0.002	2.36	10.05	15.8	4	4.7	230	0.36	0.06	5.3	0.322	2.1



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Account: ROCKHA

Project: Klaza - 132

**CERTIFICATE OF ANALYSIS WH12219355**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356748		101	10.5	11.4	262	26.2			
M356749		120	8.3	15.5	169	32.3			
M356750		97	5.7	15.9	96	40.6			
M356751		110	4.9	17.2	52	39.2			
M356752		125	9.8	16.9	73	28.9			
M356753		54	5.4	10.3	5310	24.8			
M356754		122	28.9	17.5	189	25.8			
M356755		124	12.1	17.1	6920	23.5		1.170	
M356756		2	0.1	0.8	17	<0.5			
M356757		108	22.9	17.1	461	33.4			
M356758		131	8.7	18.8	202	25.7			
M356759		128	8.3	19.0	185	30.5			
M356760		133	8.8	19.9	166	30.2			
M356761		94	8.0	19.0	166	18.8			
M356762		90	7.2	19.1	109	13.8			
M356763		93	6.9	16.8	80	11.9			
M356764		89	10.4	18.2	150	11.5			
M356765		91	10.6	17.5	167	11.2			
M356766		90	7.3	19.0	158	12.0			
M356767		88	9.5	15.4	108	10.3			
M356768		100	12.1	18.1	84	11.0			
M356769		51	4.9	10.2	>10000	33.0	119		1.610
M356770		97	8.0	17.6	78	11.2			
M356771		95	9.4	17.6	90	17.0			
M356772		104	8.0	13.9	63	42.9			
M356773		2	0.2	0.9	13	0.6			
M356774		115	29.1	14.9	86	40.0			
M356775		113	17.7	14.2	128	38.8			
M356776		115	10.5	14.7	52	36.2			
M356777		98	9.2	14.2	85	36.0			
M356778		113	9.5	14.0	62	39.6			
M356779		108	7.7	13.7	61	34.1			
M356780		88	8.8	11.9	387	28.0			
M356781		116	5.9	14.9	109	38.1			
M356782		104	6.4	14.3	239	40.4			
M356783		112	7.8	14.6	86	33.4			



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**CERTIFICATE OF ANALYSIS WH12219355**

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



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**CERTIFICATE WH12219356**

Project: Klaza-132

P.O. No.: Batch 6

This report is for 30 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219356**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356784		1.72	0.042	1.11	6.54	11.1	610	1.11	0.56	3.70	0.32	36.4	15.8	11	17.85	528
M356785		8.68	0.039	0.94	6.59	28.0	1020	1.16	0.83	3.12	0.63	36.1	14.6	12	16.30	429
M356786		3.43	0.049	1.62	6.49	90.8	540	1.39	1.07	2.83	0.33	40.3	21.4	11	27.0	638
M356787		2.48	<0.005	0.04	0.07	<5	20	0.06	0.03	20.0	0.07	1.23	0.8	<1	0.30	4.2
M356788		4.63	0.029	0.90	7.19	28.2	1800	1.43	0.55	3.14	0.33	39.2	15.9	11	23.8	454
M356789		7.56	0.026	0.77	7.45	8.3	1570	1.11	0.48	3.48	0.18	38.1	13.2	11	13.40	494
M356790		6.84	0.022	0.76	7.37	7.2	1180	1.09	0.49	2.50	0.25	38.9	10.5	10	10.95	346
M356791		6.50	0.024	1.12	7.40	27.8	940	1.27	0.79	2.26	0.47	37.8	17.1	10	6.91	443
M356792		<0.02	0.027	1.13	7.64	26.4	1060	1.22	0.75	2.21	0.49	39.0	18.1	10	7.36	461
M356793		8.54	0.024	1.05	7.40	9.3	1570	1.27	0.75	2.32	0.27	44.1	10.0	10	8.15	427
M356794		8.71	0.038	1.63	7.39	7.7	1130	1.15	0.56	2.50	0.32	40.4	12.3	10	8.66	623
M356795		8.38	0.041	1.01	7.42	10.9	810	1.04	0.53	3.29	0.45	34.3	15.7	9	10.75	631
M356796		0.26	4.37	>100	5.45	8180	1250	1.08	66.6	2.01	221	35.3	8.9	18	11.10	1300
M356797		8.56	0.037	1.72	7.47	28.8	800	1.15	1.31	2.98	4.45	33.2	14.2	10	10.85	629
M356798		9.09	0.042	1.17	7.91	21.5	1100	1.13	0.65	3.40	0.44	38.9	13.5	10	11.25	540
M356799		3.63	0.027	1.11	7.40	40.0	930	1.15	0.62	4.04	1.13	36.3	16.9	9	9.54	534
M356800		2.85	0.035	1.18	6.98	99.0	360	1.12	0.79	2.80	0.26	33.8	16.3	8	19.05	546
M356801		4.05	<0.005	0.03	0.16	<5	30	0.07	0.04	20.4	0.05	1.28	0.7	<1	1.32	6.7
M356802		3.63	0.027	0.84	7.48	21.3	810	1.12	0.68	3.24	0.31	32.8	13.8	9	12.80	454
M356803		7.94	0.028	0.74	7.64	6.7	1000	1.06	0.72	3.01	0.36	34.5	16.7	10	13.80	461
M356804		8.55	0.039	1.25	8.01	5.6	740	1.09	0.85	3.13	1.10	38.7	18.4	11	18.30	738
M356805		7.92	0.036	0.95	7.50	5.9	810	1.01	0.75	3.49	0.21	25.3	16.2	14	9.20	562
M356806		0.26	2.29	26.9	5.75	3140	1390	1.23	20.2	2.23	79.9	46.2	10.3	17	14.20	436
M356807		5.26	0.052	1.24	7.68	13.4	940	1.04	0.90	3.01	0.37	26.3	18.1	13	9.80	582
M356808		2.37	0.110	1.47	7.00	86.0	420	1.19	1.69	4.28	0.79	33.2	14.0	11	18.25	350
M356809		6.59	0.036	1.18	7.53	33.9	1110	1.11	0.74	3.20	0.33	26.6	15.7	13	13.60	588
M356810		6.27	0.020	1.16	7.37	6.3	950	1.02	0.83	3.55	0.23	29.9	14.1	13	10.40	548
M356811		2.78	0.041	1.35	7.10	47.2	530	1.01	0.98	3.15	0.25	31.2	22.1	12	10.95	873
M356812		7.72	0.030	0.98	7.62	15.3	450	1.15	0.82	2.91	0.33	28.9	20.9	13	13.40	636
M356813		3.94	0.035	0.84	7.94	10.8	820	1.01	0.80	3.02	0.23	29.3	14.4	16	12.20	549



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Project: Klaza-132

**CERTIFICATE OF ANALYSIS WH12219356**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356784		4.26	17.80	0.11	1.1	0.103	1.99	18.3	47.1	1.36	424	10.55	0.04	4.0	3.5	680
M356785		4.77	18.40	0.14	1.2	0.113	2.00	18.2	40.5	1.16	424	13.05	0.35	4.5	2.7	680
M356786		4.59	17.45	0.12	1.2	0.107	2.51	21.1	19.9	1.06	412	25.1	0.06	3.8	3.0	620
M356787		0.47	0.30	0.12	<0.1	<0.005	0.03	0.6	1.2	12.35	203	0.20	<0.01	0.2	2.2	140
M356788		4.21	18.40	0.13	1.2	0.097	2.15	18.0	30.6	1.17	383	25.4	0.87	4.5	3.0	710
M356789		4.30	16.35	0.10	1.1	0.065	2.07	18.8	24.8	1.35	318	11.75	1.63	4.7	2.8	730
M356790		3.80	16.05	0.09	0.4	0.086	2.45	18.4	21.1	1.50	334	12.65	1.60	4.1	2.7	760
M356791		4.32	17.55	0.11	1.0	0.144	1.95	17.8	27.7	0.64	364	35.5	0.37	5.4	2.6	810
M356792		4.55	18.60	0.10	0.9	0.146	2.13	17.4	28.8	0.76	386	38.2	0.50	5.4	2.7	840
M356793		4.48	17.45	0.09	0.6	0.178	2.98	20.8	15.7	1.16	438	14.25	1.15	4.8	2.5	740
M356794		4.70	16.35	0.09	0.7	0.122	2.49	19.5	15.0	1.55	357	24.6	1.47	5.2	3.1	760
M356795		4.83	17.60	0.09	0.8	0.088	2.08	15.8	16.2	1.68	335	24.6	1.26	4.2	3.6	930
M356796		8.01	12.75	0.07	1.1	4.45	2.42	17.5	34.7	0.64	3160	15.85	0.08	5.1	13.7	470
M356797		5.36	18.85	0.06	0.9	0.206	2.23	14.6	17.4	1.75	473	15.55	1.27	4.4	3.6	940
M356798		4.85	19.40	0.06	0.8	0.132	2.12	17.5	18.8	1.70	536	9.89	1.37	4.6	3.9	950
M356799		4.93	18.85	0.07	0.7	0.075	1.56	16.5	26.3	1.10	558	8.95	0.56	4.3	3.9	940
M356800		5.03	17.65	0.07	0.7	0.152	2.71	14.9	17.6	0.99	428	4.85	0.05	3.1	4.9	860
M356801		0.48	0.48	<0.05	<0.1	0.007	0.08	0.6	2.1	12.75	207	0.22	0.01	0.2	1.9	190
M356802		5.10	18.45	0.08	0.7	0.132	2.25	14.2	23.6	1.31	409	22.9	0.68	3.4	3.5	920
M356803		5.29	18.85	0.08	0.8	0.089	1.84	14.4	19.6	1.91	394	6.65	1.49	4.6	3.7	980
M356804		5.64	19.40	0.09	0.8	0.135	1.94	18.1	23.9	2.16	355	17.60	1.38	4.0	4.2	980
M356805		5.05	19.85	0.06	0.7	0.112	1.87	11.5	15.7	2.01	400	5.74	1.76	4.3	4.1	930
M356806		6.51	14.55	0.06	1.0	1.690	2.64	24.9	26.0	0.90	1870	14.10	0.04	5.6	15.8	440
M356807		5.62	18.25	0.05	0.7	0.138	1.94	12.4	24.6	1.72	387	6.41	0.98	3.4	4.1	910
M356808		6.47	17.25	0.07	0.7	0.125	2.63	16.0	14.7	1.61	826	17.10	0.06	2.8	4.3	800
M356809		5.15	19.65	0.07	0.8	0.107	1.90	12.2	20.7	1.43	441	14.95	0.91	4.1	4.1	930
M356810		5.64	17.60	0.07	0.7	0.128	1.94	13.1	18.3	1.80	428	13.55	1.48	4.0	4.1	880
M356811		6.11	16.85	0.09	0.7	0.116	2.05	13.8	31.0	1.08	343	37.8	0.24	3.5	4.4	870
M356812		5.96	18.35	0.09	0.7	0.086	2.14	13.6	24.0	1.62	266	9.46	0.91	3.5	4.4	890
M356813		5.55	18.75	0.05	0.8	0.055	2.13	14.1	22.2	2.14	237	5.33	1.36	3.1	4.0	980



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**CERTIFICATE OF ANALYSIS WH12219356**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356784		28.8	76.7	0.006	2.19	7.54	15.0	4	3.1	119.5	0.33	0.11	5.5	0.303	1.78	3.0
M356785		36.3	75.4	0.007	2.61	9.61	14.9	5	3.7	173.0	0.38	0.11	5.6	0.325	2.08	2.6
M356786		27.9	121.5	0.007	3.32	58.1	14.8	5	5.0	90.3	0.31	0.19	6.3	0.281	2.83	3.7
M356787		1.7	1.8	0.003	0.01	0.19	0.3	2	<0.2	42.8	<0.05	0.05	<0.2	<0.005	0.02	0.5
M356788		16.3	93.5	0.008	1.72	12.35	15.9	3	2.8	544	0.31	<0.05	5.6	0.320	1.63	3.8
M356789		14.3	89.0	0.008	1.85	1.02	15.1	3	2.1	909	0.35	<0.05	6.5	0.343	1.23	2.2
M356790		15.8	95.6	0.005	1.73	1.06	14.3	2	2.7	573	0.31	<0.05	5.9	0.306	1.43	1.8
M356791		19.2	83.8	0.010	2.06	12.35	15.4	2	3.8	160.5	0.40	<0.05	6.9	0.363	1.55	2.4
M356792		19.9	85.8	0.012	2.17	12.50	15.6	3	3.6	204	0.41	0.05	6.7	0.371	1.67	2.6
M356793		20.2	122.5	0.008	1.83	2.15	13.2	2	4.7	389	0.36	<0.05	7.7	0.300	1.85	2.9
M356794		15.5	97.1	0.008	2.43	2.11	13.9	3	2.8	480	0.40	0.05	7.6	0.334	1.37	2.6
M356795		20.3	78.9	0.014	2.33	1.66	15.1	4	3.3	478	0.28	<0.05	4.3	0.348	1.39	1.8
M356796		9920	150.0	0.005	7.08	224	7.9	1	8.6	123.0	0.43	0.46	10.0	0.185	2.27	5.7
M356797		98.2	78.9	0.007	2.61	1.28	15.8	3	4.5	458	0.32	0.07	4.1	0.361	1.68	1.7
M356798		21.1	94.0	0.007	2.38	7.58	16.8	3	3.6	510	0.29	<0.05	4.6	0.365	1.79	2.0
M356799		54.5	61.2	0.008	2.58	32.6	15.4	3	2.9	278	0.29	<0.05	4.0	0.354	1.38	1.9
M356800		21.5	117.5	0.005	3.51	61.9	14.1	2	6.6	69.1	0.22	<0.05	3.9	0.284	2.37	2.3
M356801		2.3	7.1	<0.002	<0.01	0.37	0.4	<1	0.2	40.2	<0.05	<0.05	0.5	0.005	0.06	1.0
M356802		17.4	83.6	0.009	2.49	12.45	15.0	3	3.4	228	0.26	<0.05	3.9	0.319	1.77	1.7
M356803		20.0	64.4	0.009	2.19	2.38	15.8	1	2.8	791	0.32	0.07	3.9	0.392	1.46	1.6
M356804		29.7	97.0	0.018	3.05	0.83	17.7	3	3.7	565	0.27	0.08	4.9	0.376	1.47	1.9
M356805		10.7	58.8	0.006	2.43	0.56	17.3	2	3.8	588	0.30	0.12	3.4	0.401	1.52	1.6
M356806		2820	172.5	0.006	4.62	95.8	8.8	<1	8.1	92.0	0.44	0.37	12.2	0.176	2.45	5.7
M356807		19.0	68.2	0.011	2.91	2.68	17.6	3	3.6	737	0.25	0.11	4.5	0.362	1.52	2.9
M356808		55.5	148.5	0.009	5.24	47.3	16.2	3	8.8	81.1	0.19	0.13	4.3	0.290	2.34	2.4
M356809		21.4	65.2	0.007	2.73	23.7	17.9	3	3.5	976	0.27	0.15	3.5	0.394	1.73	1.7
M356810		14.2	63.7	0.008	2.95	0.86	17.5	3	3.0	871	0.30	0.09	4.3	0.384	1.47	1.6
M356811		11.4	64.9	0.028	4.46	24.9	16.7	6	4.2	132.5	0.25	0.11	3.4	0.346	1.44	2.0
M356812		13.3	80.3	0.005	4.05	3.87	17.9	4	3.8	575	0.25	0.11	3.9	0.348	1.49	1.7
M356813		12.3	84.5	0.004	3.31	1.54	19.0	3	3.5	827	0.25	0.21	4.2	0.350	1.53	1.7





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**CERTIFICATE OF ANALYSIS WH12219356**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356784		113	7.7	13.7	72	31.3			
M356785		116	6.6	14.2	98	34.2			
M356786		107	9.4	14.3	78	34.2			
M356787		3	0.1	0.8	13	<0.5			
M356788		113	5.0	15.0	75	36.2			
M356789		112	5.2	14.8	61	29.7			
M356790		107	4.9	14.7	69	9.1			
M356791		117	9.1	15.5	102	25.5			
M356792		122	8.7	15.9	98	23.9			
M356793		101	6.5	16.1	90	17.3			
M356794		105	5.9	16.0	75	16.1			
M356795		120	5.6	18.0	85	17.3			
M356796		52	4.5	9.2	>10000	29.7	124	0.997	1.595
M356797		123	5.6	17.0	451	17.4			
M356798		128	4.5	18.3	98	16.9			
M356799		120	10.4	15.4	158	14.5			
M356800		113	11.2	11.7	98	13.0			
M356801		3	0.2	0.9	15	<0.5			
M356802		125	6.7	13.7	85	14.1			
M356803		129	3.1	15.9	79	15.6			
M356804		136	64.3	18.4	112	16.4			
M356805		146	6.8	15.6	72	15.7			
M356806		54	5.4	10.4	5240	23.5			
M356807		146	6.6	12.4	88	13.8			
M356808		124	19.1	12.5	136	13.0			
M356809		148	5.9	13.7	92	15.2			
M356810		140	7.4	15.7	75	14.6			
M356811		138	14.4	12.9	62	13.4			
M356812		137	8.7	14.7	61	14.4			
M356813		149	6.0	14.5	53	16.1			



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**CERTIFICATE OF ANALYSIS WH12219356**

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



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**CERTIFICATE WH12219357**

Project: Klaza - 133

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219357**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356138		6.90	0.067	14.30	7.37	164.5	5500	1.86	0.16	0.42	68.2	54.1	6.5	7	21.8	39.1
M356139		10.45	0.719	23.4	6.30	2060	720	1.30	1.45	0.08	28.9	43.4	0.8	7	14.10	47.9
M356140		10.13	1.300	37.4	5.76	1700	1000	1.71	13.15	0.31	140.0	36.6	4.3	5	13.80	110.0
M356141		8.09	0.010	0.42	6.50	75.6	60	3.67	0.89	0.09	30.0	15.95	0.4	1	25.5	43.7
M356142		8.05	<0.005	0.06	6.77	32.3	140	3.85	0.19	0.13	10.75	17.80	0.6	1	21.8	10.0
M356143		4.75	<0.005	0.17	6.65	16.6	90	4.04	0.38	0.50	2.44	18.95	0.2	1	25.0	1.2
M356144		2.76	0.093	6.72	7.00	234	1120	4.18	0.87	2.50	18.95	43.7	5.9	5	28.9	21.9
M356145		2.97	<0.005	0.03	0.07	<5	20	0.07	0.02	20.8	0.12	1.32	1.6	<1	0.27	1.7
M356146		4.48	<0.005	0.26	6.86	15.3	2200	1.52	0.16	2.34	1.64	47.2	6.8	9	14.75	7.9
M356147		7.47	0.026	0.51	6.88	13.7	2040	1.53	0.26	2.51	2.62	52.3	9.1	11	13.80	17.0
M356148		0.26	4.35	>100	5.02	6030	270	1.21	57.7	1.94	223	29.8	9.9	17	11.40	1275
M356149		5.96	0.020	1.07	6.64	15.4	1970	1.46	0.33	2.18	2.45	50.4	8.0	8	16.15	21.8
M356150		2.97	0.024	2.61	6.71	53.4	1700	1.45	0.17	2.28	7.89	43.2	8.0	8	22.1	11.5
M356151		6.23	0.010	1.42	7.05	16.9	2100	1.62	0.23	2.44	10.95	54.0	9.7	10	12.45	14.3
M356152		5.64	<0.005	0.14	6.79	8.0	2170	1.50	0.16	2.49	1.02	46.3	7.8	10	19.55	4.2
M356153		3.41	0.009	1.91	6.66	25.5	2710	1.52	0.25	2.44	7.75	47.6	5.8	7	35.6	20.2
M356154		5.06	<0.005	0.15	7.35	7.9	2170	1.72	0.19	2.77	0.48	49.8	5.9	9	16.15	5.1
M356155		2.23	<0.005	0.08	6.68	9.0	1970	1.56	0.23	2.47	0.17	44.7	5.6	7	15.55	5.1
M356156		7.25	0.005	0.14	6.90	9.3	2260	1.57	0.19	2.42	0.46	44.3	6.7	9	17.30	6.2
M356157		6.87	0.009	1.67	6.75	11.3	2100	1.56	0.14	2.45	11.65	42.4	6.9	8	21.5	11.9
M356158		8.45	0.013	0.20	7.21	8.0	2390	1.52	0.19	1.92	0.52	51.4	6.6	8	15.20	6.0
M356159		8.22	0.016	0.37	7.05	18.3	2160	1.57	0.27	1.76	1.62	48.7	7.1	7	18.65	10.1
M356160		0.26	4.34	>100	5.15	6120	980	1.21	52.0	1.90	214	32.3	10.1	17	11.85	1245
M356161		2.84	0.008	0.20	7.03	15.6	2020	1.58	0.18	2.51	0.20	49.1	7.4	7	24.8	5.4
M356162		6.24	0.012	0.86	7.15	71.8	1140	1.58	0.15	2.13	3.52	52.9	5.5	7	24.1	2.7
M356163		4.81	0.015	0.93	7.18	66.8	1000	1.72	0.22	2.27	1.64	53.7	9.5	6	24.8	5.7
M356164		4.22	<0.005	0.18	7.01	7.9	2060	1.64	0.26	2.55	0.32	50.3	7.0	8	23.9	6.0
M356165		3.09	0.017	5.64	6.27	25.6	1910	1.56	0.11	3.11	11.85	43.7	6.2	6	24.4	12.5
M356166		2.69	<0.005	0.02	0.07	<5	30	0.05	0.02	20.5	0.07	1.39	1.5	<1	0.20	3.3
M356167		8.68	0.005	0.97	7.09	11.7	2030	1.43	0.12	2.46	5.46	47.6	6.1	10	16.35	9.9
M356168		8.55	<0.005	0.11	7.31	7.9	2120	1.52	0.21	2.59	0.11	50.5	9.2	10	13.20	15.2
M356169		<0.02	<0.005	0.16	7.18	8.6	2090	1.52	0.22	2.58	0.16	52.2	9.3	9	13.75	15.7
M356170		5.61	0.009	1.99	7.05	20.0	1900	1.68	0.35	2.91	9.80	46.8	11.1	10	16.05	24.2
M356171		8.04	<0.005	0.16	7.08	10.5	2180	1.75	0.11	2.48	0.53	45.5	6.8	9	16.15	6.1
M356172		5.58	0.006	0.24	7.21	15.2	2020	1.64	0.41	2.54	0.41	54.5	9.3	9	13.55	43.7
M356173		2.74	0.223	8.52	6.95	579	1950	1.51	1.17	2.41	74.9	51.2	7.3	7	18.55	56.2



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**CERTIFICATE OF ANALYSIS WH12219357**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356138		4.08	16.75	0.15	1.2	0.152	3.19	29.5	27.3	0.21	4130	2.28	0.04	8.4	3.1	570
M356139		4.30	14.10	0.12	1.1	0.416	3.00	24.6	12.9	0.19	264	1.87	0.03	7.2	1.3	340
M356140		4.25	13.50	0.08	1.2	0.532	2.58	20.5	35.5	0.26	1940	18.25	0.02	8.6	1.5	430
M356141		0.74	20.2	<0.05	3.5	0.053	1.90	7.7	188.0	0.09	277	1.60	0.03	26.6	0.5	40
M356142		0.51	20.9	<0.05	3.4	0.029	1.89	8.3	254	0.09	523	0.83	0.03	26.8	0.5	40
M356143		0.57	21.0	<0.05	3.4	0.031	2.09	8.7	177.0	0.18	678	2.16	0.03	26.7	0.4	40
M356144		3.57	16.75	0.17	1.7	0.276	3.12	22.8	25.9	0.64	2690	2.69	0.17	11.6	2.0	510
M356145		0.49	0.36	0.18	<0.1	0.005	0.03	0.6	1.2	13.00	223	<0.05	0.01	0.4	1.0	160
M356146		2.71	16.20	0.15	1.4	0.049	2.92	24.0	10.5	0.64	815	1.47	2.08	8.3	2.3	550
M356147		3.13	16.20	0.19	1.4	0.051	2.89	26.0	13.4	0.76	1120	2.49	1.97	8.7	2.8	620
M356148		8.15	11.80	0.16	1.1	4.63	2.25	15.6	29.9	0.61	3160	15.15	0.08	5.9	15.4	440
M356149		2.85	15.85	0.16	1.5	0.048	2.84	25.9	14.2	0.67	870	2.46	1.77	8.4	2.4	560
M356150		3.18	15.65	0.19	1.4	0.042	3.09	21.8	17.2	0.65	1340	1.58	1.20	8.6	2.5	560
M356151		3.09	16.25	0.23	1.5	0.052	2.72	27.4	14.0	0.82	780	2.92	2.14	8.9	2.7	610
M356152		2.87	15.55	0.20	1.6	0.042	2.93	23.5	11.6	0.68	721	1.39	1.80	8.8	2.5	580
M356153		2.70	15.20	0.19	1.4	0.047	2.60	24.7	44.2	0.75	852	1.37	0.19	8.3	2.1	530
M356154		2.88	16.60	0.20	1.7	0.053	3.01	25.3	23.8	0.63	740	1.05	1.64	9.8	2.5	570
M356155		2.73	15.55	0.19	1.5	0.056	2.72	22.0	26.9	0.60	686	1.02	1.62	9.1	2.4	540
M356156		3.02	16.00	0.20	1.4	0.050	2.78	22.2	13.2	0.67	770	1.29	1.96	9.3	2.7	580
M356157		3.04	15.90	0.16	1.1	0.045	2.91	21.8	16.8	0.61	1040	1.29	1.70	7.6	2.5	530
M356158		3.08	16.65	0.20	1.2	0.049	3.02	27.5	21.5	0.54	847	0.97	1.52	8.3	2.8	580
M356159		2.91	16.40	0.21	1.2	0.058	2.94	25.7	24.0	0.47	944	0.89	1.25	7.9	2.7	630
M356160		7.96	12.30	0.16	1.1	4.50	2.24	17.9	29.5	0.60	3070	15.50	0.08	5.6	14.8	450
M356161		2.71	16.35	0.19	1.2	0.042	3.03	25.6	25.2	0.68	789	0.66	1.41	7.6	2.7	540
M356162		2.35	16.35	0.18	1.2	0.041	3.13	28.9	36.7	0.69	1020	1.00	0.18	7.7	2.3	550
M356163		3.17	16.20	0.20	1.2	0.047	3.09	30.4	67.3	0.74	1300	2.67	0.05	7.9	2.6	570
M356164		2.84	16.50	0.23	1.3	0.082	3.05	25.8	27.6	0.58	956	3.64	1.31	8.0	2.3	570
M356165		3.55	14.80	0.17	1.1	0.178	2.93	22.6	40.6	0.59	3130	8.21	0.42	7.5	2.2	530
M356166		0.48	0.38	0.23	<0.1	<0.005	0.03	0.7	0.9	12.90	216	0.07	0.01	0.3	1.2	170
M356167		3.14	17.55	0.14	1.2	0.066	2.90	24.2	11.8	0.76	1060	0.98	1.86	8.2	2.6	580
M356168		2.82	17.30	0.20	1.2	0.057	2.82	25.7	11.1	0.76	648	1.62	2.29	8.1	2.5	580
M356169		2.82	17.10	0.20	1.3	0.058	2.74	26.9	11.3	0.75	648	1.39	2.25	8.1	2.6	570
M356170		3.02	16.80	0.17	1.3	0.082	2.95	24.1	16.8	0.76	1440	0.80	1.07	7.7	2.9	580
M356171		2.81	16.70	0.19	1.4	0.045	2.79	22.8	13.0	0.61	688	2.42	2.15	8.4	2.6	580
M356172		2.78	16.40	0.22	1.4	0.101	3.09	29.0	10.8	0.67	850	1.63	1.70	8.3	2.5	560
M356173		3.90	15.40	0.20	1.2	0.275	3.29	28.5	22.9	0.75	2400	0.97	0.54	7.3	2.4	540



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**CERTIFICATE OF ANALYSIS WH12219357**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356138		5270	201	<0.002	0.37	24.7	11.7	2	2.3	122.5	0.68	<0.05	14.7	0.236	3.49	6.5
M356139		4870	197.0	<0.002	0.38	46.5	8.7	2	4.1	39.6	0.60	0.06	11.5	0.205	3.09	2.8
M356140		6710	166.0	<0.002	0.36	58.2	8.3	2	4.1	50.1	0.68	0.13	14.3	0.171	2.60	5.9
M356141		202	146.0	<0.002	0.02	10.75	3.1	1	3.3	31.0	2.93	<0.05	22.3	0.034	1.37	9.4
M356142		65.5	141.0	<0.002	0.01	9.04	3.3	1	3.1	37.4	2.88	<0.05	24.0	0.034	1.25	8.9
M356143		65.0	156.5	<0.002	0.02	6.59	3.4	1	2.8	51.8	2.89	<0.05	24.2	0.034	1.34	10.0
M356144		1510	192.5	<0.002	1.01	18.90	9.7	2	2.8	134.5	0.87	0.09	13.7	0.221	2.95	7.4
M356145		5.1	1.5	<0.002	<0.01	0.08	0.3	1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M356146		65.5	120.0	<0.002	0.03	3.18	9.7	2	1.7	318	0.72	<0.05	13.9	0.237	1.40	2.9
M356147		89.5	115.5	<0.002	0.11	4.12	10.5	2	2.0	291	0.70	0.07	12.9	0.262	1.50	3.3
M356148		9810	116.5	<0.002	6.79	219	7.1	3	8.2	113.0	0.46	0.47	8.0	0.179	2.12	4.9
M356149		371	123.5	<0.002	0.14	4.41	10.6	2	1.9	270	0.69	0.08	13.8	0.235	1.52	3.2
M356150		685	139.5	<0.002	0.42	8.87	10.6	2	2.0	198.0	0.72	<0.05	12.9	0.252	2.40	4.4
M356151		284	114.5	<0.002	0.13	3.20	11.7	2	1.9	326	0.75	0.06	14.6	0.252	1.35	3.9
M356152		33.0	122.0	<0.002	0.05	5.76	10.4	2	1.6	301	0.73	<0.05	13.3	0.254	1.53	3.2
M356153		1225	120.0	<0.002	0.38	11.90	10.2	2	1.6	172.5	0.69	0.07	13.2	0.232	2.01	3.2
M356154		66.9	125.5	<0.002	0.05	4.08	10.6	2	1.7	294	0.94	<0.05	13.3	0.247	1.44	3.9
M356155		19.3	102.5	<0.002	0.06	3.76	10.2	2	1.7	294	0.87	<0.05	11.3	0.234	1.29	3.0
M356156		40.1	108.5	<0.002	0.07	4.96	10.5	2	1.8	318	0.79	<0.05	11.0	0.251	1.32	4.4
M356157		202	112.5	<0.002	0.11	6.08	10.3	2	1.8	284	0.61	<0.05	10.4	0.234	1.56	2.9
M356158		39.3	128.5	<0.002	0.08	8.44	11.9	2	1.8	225	0.68	0.05	12.5	0.254	1.56	3.0
M356159		83.0	136.0	<0.002	0.20	10.70	11.0	2	1.8	188.5	0.65	0.06	12.0	0.243	1.67	3.3
M356160		9510	128.0	0.002	6.77	213	7.8	3	8.3	114.0	0.46	0.47	8.2	0.177	2.10	5.0
M356161		19.4	130.5	<0.002	0.17	6.83	11.2	2	1.6	245	0.62	0.05	11.6	0.245	1.91	3.4
M356162		128.0	164.5	<0.002	0.20	20.0	11.0	2	1.6	108.0	0.68	<0.05	13.4	0.232	2.77	5.4
M356163		134.5	165.5	<0.002	0.74	17.05	11.1	2	1.7	111.5	0.68	0.07	14.0	0.232	2.91	5.7
M356164		27.8	135.0	<0.002	0.07	6.31	11.0	2	1.6	238	0.71	0.10	12.1	0.235	2.03	3.2
M356165		1530	129.5	0.002	0.23	14.25	9.9	2	2.0	166.0	0.64	<0.05	10.8	0.223	2.49	4.6
M356166		3.1	1.2	<0.002	0.01	0.05	0.3	1	<0.2	46.9	<0.05	<0.05	0.2	<0.005	<0.02	0.5
M356167		329	128.5	<0.002	0.10	5.61	11.0	2	1.8	289	0.71	<0.05	12.4	0.243	1.71	3.9
M356168		18.9	116.0	<0.002	0.08	2.46	11.6	2	1.6	337	0.69	0.07	12.7	0.249	1.25	3.7
M356169		20.0	114.5	<0.002	0.08	2.42	11.5	2	1.6	333	0.69	0.06	12.8	0.249	1.22	3.7
M356170		490	149.0	<0.002	0.37	7.66	11.7	2	1.9	201	0.63	0.08	10.7	0.241	2.11	3.7
M356171		30.3	106.0	<0.002	0.08	2.54	10.8	2	1.6	321	0.72	<0.05	12.4	0.252	1.43	4.0
M356172		35.2	142.5	<0.002	0.26	3.55	11.0	2	1.7	261	0.79	0.10	15.1	0.234	1.62	5.6
M356173		1295	185.5	<0.002	1.23	19.55	10.9	2	2.3	151.0	0.62	0.09	12.6	0.224	2.62	4.9



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**CERTIFICATE OF ANALYSIS WH12219357**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356138		65	6.2	16.6	4510	32.1		
M356139		56	6.1	5.7	1500	28.7		
M356140		48	5.4	7.9	4510	30.0		
M356141		1	2.7	11.3	736	57.6		
M356142		1	2.3	13.7	586	55.7		
M356143		<1	1.8	16.6	308	57.6		
M356144		60	5.0	15.0	1450	41.3		
M356145		2	0.1	0.9	19	0.5		
M356146		63	1.4	16.2	202	37.4		
M356147		74	2.7	17.2	225	39.5		
M356148		51	4.7	8.5	>10000	32.8	113	1.490
M356149		66	2.4	16.0	211	39.0		
M356150		72	4.2	15.1	572	37.5		
M356151		71	2.4	18.4	743	39.3		
M356152		70	1.6	16.6	136	42.9		
M356153		63	2.9	15.2	596	36.9		
M356154		66	1.8	17.5	75	38.2		
M356155		65	1.5	16.0	51	34.0		
M356156		66	2.5	15.8	86	33.4		
M356157		63	2.6	14.8	833	31.1		
M356158		70	3.2	16.8	95	35.8		
M356159		67	3.2	15.9	162	38.8		
M356160		50	5.0	9.1	>10000	35.4	123	1.580
M356161		67	2.4	15.2	67	36.1		
M356162		63	3.5	14.9	301	35.6		
M356163		62	5.0	15.2	156	34.7		
M356164		64	1.8	15.9	69	37.6		
M356165		63	4.5	13.5	924	33.3		
M356166		2	0.1	0.8	17	<0.5		
M356167		66	2.2	16.4	454	38.3		
M356168		69	1.6	17.3	44	37.6		
M356169		68	1.4	17.2	47	37.9		
M356170		69	1.7	15.2	752	38.5		
M356171		68	2.0	15.9	81	45.0		
M356172		63	1.7	16.6	72	43.1		
M356173		63	3.3	14.1	5470	37.0		



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**CERTIFICATE OF ANALYSIS WH12219357**

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





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**CERTIFICATE WH12219358**

Project: Klaza - 134

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219358**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354586		8.94	0.057	1.40	7.03	25.2	770	1.62	1.06	1.79	2.84	34.1	11.9	18	12.45	769
M354587		7.03	0.058	0.90	7.13	11.0	1840	1.57	0.51	1.59	1.08	36.9	10.3	17	9.26	754
M354588		6.73	0.087	1.32	7.57	16.9	1540	1.74	0.75	1.76	1.07	40.4	13.2	23	10.85	1110
M354589		0.23	4.45	>100	5.06	7710	430	1.20	59.6	1.89	220	28.5	9.6	15	11.20	1245
M354590		7.53	0.085	1.80	7.16	33.4	1060	1.63	1.65	2.06	0.72	36.9	10.7	19	11.30	921
M354591		6.85	0.086	2.44	7.54	31.0	1320	1.52	3.70	2.55	1.14	41.3	16.9	33	12.75	967
M354592		7.19	0.156	2.67	7.72	13.9	840	1.27	0.75	3.30	10.65	36.1	17.5	25	17.35	1240
M354593		5.37	0.059	1.10	7.73	15.1	660	1.31	0.51	3.02	0.82	36.5	13.7	24	14.30	638
M354594		2.58	0.052	1.44	6.42	38.5	660	1.05	1.33	5.22	0.63	41.7	26.2	17	16.70	609
M354595		2.50	<0.005	0.01	0.09	<5	40	0.09	0.02	21.1	0.08	1.52	1.2	<1	0.25	3.1
M354596		3.82	0.054	0.80	7.53	16.2	2790	1.44	0.34	3.35	0.30	51.5	10.7	22	17.70	628
M354597		2.96	0.306	6.62	5.77	363	280	1.24	3.30	1.28	219	27.9	13.6	10	9.84	923
M354598		3.37	0.034	1.64	6.09	73.4	290	1.29	0.40	0.87	2.82	7.87	4.0	6	8.89	549
M354599		4.26	0.080	2.43	6.72	44.4	490	1.26	0.80	0.78	5.10	6.88	8.1	6	5.42	1270
M354600		2.18	0.072	2.34	6.43	46.2	890	1.22	0.78	0.84	3.77	8.01	8.2	4	5.59	1170
M354601		4.06	0.076	2.13	6.73	52.4	1540	1.42	0.74	1.04	1.36	11.15	7.5	6	7.51	1185
M354602		5.22	0.049	3.35	6.40	76.9	1000	1.30	3.13	0.52	1.62	8.25	6.7	7	7.78	869
M354603		5.28	0.072	1.50	7.10	129.5	660	1.13	0.86	0.88	3.17	10.00	8.5	11	8.20	1020
M354604		4.05	0.055	6.19	4.38	245	750	0.82	0.85	2.38	4.52	5.78	5.0	9	5.72	1045
M354605		4.10	<0.005	0.12	0.07	<5	20	0.07	0.03	21.5	0.09	0.97	0.5	<1	0.16	5.0
M354606		4.62	0.111	3.78	6.61	203	1010	1.14	0.61	0.93	1.81	14.65	13.7	11	6.78	2060
M354607		8.77	0.197	2.43	7.59	136.5	860	1.40	0.75	1.26	0.33	11.45	24.3	10	7.48	2230
M354608		6.42	0.250	1.69	6.89	308	570	0.97	0.91	1.65	1.75	8.50	15.8	11	9.14	1425
M354609		2.57	0.352	17.95	5.52	421	340	0.84	38.4	2.65	8.95	7.35	22.3	7	5.81	1415
M354610		6.54	0.144	2.40	7.09	313	650	1.05	0.93	1.07	1.25	12.45	19.3	9	8.52	1900
M354611		0.22	4.49	>100	5.35	8110	500	1.08	63.1	1.97	228	31.4	9.4	16	12.35	1290
M354612		6.57	0.386	4.77	7.25	263	780	1.20	1.09	1.17	2.23	11.50	19.7	8	10.15	2880
M354613		3.51	0.369	5.70	5.21	735	260	0.88	3.15	2.46	9.03	18.90	15.0	6	8.79	2610
M354614		6.60	0.241	5.04	6.32	646	320	1.01	3.38	1.83	5.74	12.00	13.9	10	9.84	2820
M354615		8.03	0.126	1.87	7.05	306	310	1.11	0.92	2.20	3.30	12.10	17.0	11	14.65	1250
M354616		8.41	0.191	2.09	7.13	255	570	1.09	0.63	2.60	0.58	27.0	17.4	13	16.80	1870
M354617		<0.02	0.134	1.92	7.08	238	560	1.08	0.58	2.44	0.52	28.3	17.2	12	16.20	1790
M354618		5.90	0.198	1.66	7.07	274	390	1.24	0.83	3.11	1.01	24.3	19.9	11	18.90	1390
M354619		8.30	0.127	2.17	7.16	191.0	910	1.59	12.85	2.63	1.85	45.1	11.7	14	16.20	768
M354620		2.82	0.116	1.38	6.89	103.0	1180	1.77	17.10	3.51	0.39	55.9	7.3	14	15.50	191.0
M354621		5.50	0.040	0.17	6.62	38.4	560	1.64	0.33	3.46	0.24	54.9	5.9	14	14.85	19.3



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**CERTIFICATE OF ANALYSIS WH12219358**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354586		3.60	16.85	0.19	1.6	0.125	3.99	18.2	14.6	0.80	642	24.8	0.48	7.1	5.0	640
M354587		2.61	16.05	0.20	1.6	0.048	3.81	20.5	19.8	0.80	209	38.9	1.26	7.7	4.6	600
M354588		3.31	18.05	0.21	1.7	0.070	3.99	22.7	27.3	0.94	483	51.3	0.91	8.4	6.1	750
M354589		7.52	13.60	0.20	1.0	4.65	2.23	14.8	31.2	0.60	3020	15.25	0.08	5.8	13.5	430
M354590		3.30	17.45	0.19	1.6	0.094	3.79	19.8	15.1	0.81	648	34.4	0.60	7.0	5.0	680
M354591		4.95	20.7	0.22	1.1	0.119	2.64	21.9	22.2	1.72	723	57.8	0.91	7.5	7.4	1040
M354592		4.68	21.2	0.21	0.7	0.175	2.34	18.0	21.5	1.96	461	45.7	1.41	6.3	6.8	890
M354593		4.58	20.5	0.21	0.8	0.047	2.28	19.1	20.7	1.72	429	28.8	1.17	6.7	6.2	870
M354594		5.36	16.40	0.22	0.7	0.077	2.52	23.4	19.6	1.22	432	49.4	0.07	5.3	4.8	680
M354595		0.47	0.35	0.10	<0.1	<0.005	0.04	0.8	1.5	12.60	216	0.70	0.01	0.3	1.6	180
M354596		3.44	20.1	0.19	0.8	0.063	2.00	28.7	27.5	1.60	309	25.1	1.13	7.2	5.0	830
M354597		6.76	13.90	0.10	1.0	3.45	2.70	15.5	7.6	0.71	700	87.1	0.04	3.1	3.8	340
M354598		2.09	11.70	0.09	1.5	0.080	3.00	4.8	6.9	0.54	763	34.9	0.04	2.4	1.2	150
M354599		2.97	14.30	0.09	1.7	0.197	3.84	4.2	10.5	0.38	456	83.8	0.08	3.1	1.8	180
M354600		2.67	13.40	0.11	1.6	0.169	3.69	4.9	10.4	0.38	484	89.1	0.07	2.8	1.6	160
M354601		1.80	14.65	0.11	1.8	0.151	4.16	6.9	11.1	0.40	458	60.8	0.08	3.7	1.5	180
M354602		2.29	13.05	0.11	1.8	0.154	3.20	4.9	10.1	0.29	201	139.5	0.04	2.4	1.3	150
M354603		2.69	14.30	0.08	1.4	0.116	3.08	6.0	19.2	0.58	323	66.7	0.04	2.4	1.8	310
M354604		1.85	9.86	0.10	0.8	0.177	2.10	3.3	14.3	1.16	1640	87.4	0.03	1.5	2.0	190
M354605		0.48	0.22	0.12	<0.1	<0.005	0.03	0.5	1.1	12.95	229	0.45	<0.01	0.1	1.8	190
M354606		2.38	16.40	0.13	0.9	0.186	3.35	8.1	16.5	0.51	430	68.5	0.07	2.0	4.0	1010
M354607		3.12	19.60	0.13	1.3	0.172	4.40	6.5	23.8	0.60	338	147.0	0.11	2.6	4.1	660
M354608		3.21	15.50	0.18	1.4	0.171	3.72	5.2	20.0	0.82	714	104.0	0.07	2.7	3.4	480
M354609		5.47	13.50	0.20	1.1	0.371	2.60	4.6	13.8	1.32	1120	194.5	0.04	1.8	4.7	260
M354610		3.20	14.60	0.18	1.4	0.207	3.35	7.6	20.5	0.57	681	135.5	0.06	2.2	4.2	300
M354611		7.86	12.95	0.20	1.0	4.86	2.34	16.7	30.6	0.62	3150	15.85	0.08	5.9	13.4	450
M354612		4.38	17.35	0.18	1.2	0.264	3.69	6.9	15.0	0.56	451	113.5	0.07	1.8	5.4	150
M354613		6.71	13.70	0.21	1.0	0.437	2.34	11.1	15.6	1.14	2080	154.0	0.03	1.5	6.2	250
M354614		4.04	15.60	0.18	1.3	0.354	2.99	6.8	14.8	0.94	819	102.5	0.04	2.2	4.9	440
M354615		3.78	16.45	0.19	1.5	0.149	3.11	6.7	23.0	0.98	433	102.0	0.04	3.4	3.6	430
M354616		3.65	17.75	0.22	1.5	0.149	3.67	12.1	18.5	1.16	499	120.0	0.09	4.9	4.5	700
M354617		3.54	17.20	0.22	1.5	0.138	3.68	13.2	17.9	1.12	469	105.5	0.09	4.7	4.3	680
M354618		4.13	17.95	0.23	1.5	0.109	3.42	10.6	8.8	1.32	617	84.4	0.04	4.4	5.2	690
M354619		3.38	17.45	0.15	1.9	0.136	3.17	22.6	11.0	1.17	782	28.6	0.05	6.7	6.3	640
M354620		2.86	17.65	0.16	2.8	0.065	2.96	28.3	13.8	1.42	1010	4.46	0.05	9.1	6.3	880
M354621		2.21	16.70	0.15	2.6	0.022	2.93	28.7	18.7	1.40	889	1.70	0.05	8.8	5.6	750



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**CERTIFICATE OF ANALYSIS WH12219358**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M354586		52.4	149.5	0.023	2.12	4.68	8.0	3	3.8	183.0	0.55	0.11	8.9	0.189	3.2
M354587		28.3	123.5	0.024	1.44	1.43	7.4	2	2.6	278	0.60	0.07	9.5	0.188	3.0
M354588		40.1	146.0	0.054	1.90	2.39	9.3	3	3.4	221	0.64	0.09	10.1	0.216	3.5
M354589		9410	129.0	0.002	6.67	212	7.4	2	8.6	117.5	0.43	0.49	7.2	0.174	4.5
M354590		46.1	139.5	0.020	1.84	5.54	8.0	2	3.6	230	0.53	0.07	9.0	0.192	3.8
M354591		68.5	118.5	0.065	2.17	5.95	17.1	3	4.1	347	0.50	0.07	6.6	0.358	2.9
M354592		295	95.2	0.029	1.98	1.68	17.9	3	4.9	458	0.39	0.07	4.8	0.411	1.9
M354593		49.4	111.0	0.031	2.27	4.79	17.7	3	4.2	1020	0.45	0.05	5.7	0.393	2.7
M354594		45.6	123.0	0.023	4.30	7.40	13.6	6	5.3	147.0	0.35	0.12	5.3	0.293	2.6
M354595		1.6	2.1	<0.002	0.02	0.09	0.3	1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	0.5
M354596		22.2	84.9	0.019	0.92	5.21	16.4	2	3.6	1260	0.50	<0.05	6.7	0.373	2.4
M354597		1580	124.0	0.076	7.33	43.4	6.2	3	14.2	30.8	0.32	0.07	13.4	0.145	2.7
M354598		106.0	141.0	0.048	1.77	14.95	2.0	1	3.1	26.5	0.37	0.07	21.3	0.055	2.7
M354599		200	159.0	0.063	2.88	3.89	2.2	2	9.0	58.8	0.44	0.12	23.1	0.062	3.9
M354600		173.0	148.0	0.080	2.57	4.64	2.0	2	8.0	51.1	0.41	0.15	23.3	0.060	4.1
M354601		63.1	161.5	0.030	1.45	2.61	2.5	1	7.0	88.0	0.53	0.06	26.1	0.067	3.9
M354602		81.0	139.0	0.075	2.16	22.5	1.4	1	6.5	31.6	0.38	0.29	22.0	0.056	3.6
M354603		89.7	127.0	0.054	2.52	56.6	3.8	2	7.6	31.7	0.29	0.06	16.6	0.110	3.2
M354604		141.5	107.0	0.111	1.32	94.2	1.1	1	6.1	46.0	0.18	0.16	8.7	0.063	1.9
M354605		1.7	1.6	0.002	0.01	0.37	0.2	<1	<0.2	39.0	<0.05	<0.05	<0.2	<0.005	0.6
M354606		50.2	141.5	0.030	2.07	34.3	1.8	3	8.3	54.1	0.19	0.10	6.6	0.105	1.8
M354607		25.9	167.5	0.061	2.50	33.3	4.1	3	10.3	86.5	0.23	0.11	10.7	0.139	2.9
M354608		57.9	152.0	0.036	2.61	53.1	6.2	3	9.4	64.8	0.24	0.10	11.2	0.138	3.2
M354609		294	116.0	0.065	5.30	182.0	2.9	5	12.7	52.4	0.16	0.46	9.0	0.089	4.7
M354610		49.4	139.5	0.044	2.76	35.1	4.3	4	8.8	48.1	0.20	0.09	12.1	0.115	2.7
M354611		9760	131.5	0.002	6.97	222	7.3	2	8.9	119.5	0.46	0.53	7.3	0.181	4.7
M354612		76.4	159.5	0.046	3.60	15.55	2.2	4	7.9	61.8	0.16	0.13	9.1	0.097	2.6
M354613		228	119.5	0.060	6.48	185.0	3.2	5	7.3	60.4	0.13	0.22	8.2	0.081	2.7
M354614		243	145.5	0.041	3.64	367	5.0	5	11.0	48.1	0.18	0.12	10.3	0.110	2.7
M354615		91.9	156.0	0.051	2.66	92.7	7.2	3	7.1	65.0	0.29	0.08	11.2	0.164	3.3
M354616		24.4	150.0	0.042	2.04	90.8	9.4	3	7.3	110.5	0.40	0.07	11.2	0.216	3.2
M354617		23.9	157.0	0.040	1.97	77.8	9.5	3	7.0	103.5	0.40	0.06	11.5	0.211	3.2
M354618		32.1	161.5	0.038	2.59	105.0	8.9	3	6.1	89.6	0.37	0.10	11.2	0.206	3.3
M354619		65.6	182.5	0.013	2.05	26.4	11.3	3	4.6	130.5	0.55	0.27	12.2	0.215	5.0
M354620		31.8	149.0	0.002	1.02	41.3	7.3	4	2.3	220	0.67	0.16	9.6	0.239	6.0
M354621		7.7	163.5	0.002	0.29	13.50	6.9	2	1.3	106.5	0.65	<0.05	9.8	0.228	6.7



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**CERTIFICATE OF ANALYSIS WH12219358**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M354586		63	7.7	11.3	215	48.3		
M354587		56	5.4	10.1	103	47.5		
M354588		69	6.1	11.6	144	52.5		
M354589		51	4.3	9.0	>10000	28.2	117	1.650
M354590		64	9.8	11.0	143	48.6		
M354591		132	8.2	17.5	159	34.2		
M354592		149	10.6	16.6	711	16.1		
M354593		140	21.2	16.7	119	17.2		
M354594		109	23.8	16.1	92	15.3		
M354595		3	0.2	0.9	18	<0.5		
M354596		128	5.6	16.0	107	17.7		
M354597		56	12.0	7.1	>10000	27.7		1.295
M354598		21	5.4	3.0	265	40.4		
M354599		27	8.3	2.7	437	48.7		
M354600		26	8.3	2.6	346	44.4		
M354601		28	5.7	3.3	147	51.2		
M354602		23	6.2	2.7	136	53.4		
M354603		50	9.6	3.4	271	35.4		
M354604		27	6.1	2.5	298	24.5		
M354605		2	0.1	0.7	15	<0.5		
M354606		51	10.4	4.8	121	27.9		
M354607		74	9.6	4.1	67	38.1		
M354608		84	10.5	3.8	169	41.9		
M354609		58	10.8	3.4	623	33.4		
M354610		67	9.3	3.5	146	41.6		
M354611		53	4.5	9.1	>10000	29.2	116	1.615
M354612		63	7.1	2.9	216	38.7		
M354613		84	6.7	4.7	599	29.8		
M354614		63	8.2	5.5	468	39.9		
M354615		72	7.1	7.1	313	45.0		
M354616		83	5.9	9.5	123	45.4		
M354617		82	5.6	9.3	120	43.7		
M354618		88	6.1	11.1	195	45.4		
M354619		62	4.7	11.6	164	68.6		
M354620		55	4.1	12.1	94	110.0		
M354621		50	2.7	12.0	64	102.5		



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**CERTIFICATE OF ANALYSIS WH12219358**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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 Finalized Date: 1-OCT-2012  
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**CERTIFICATE WH12219359**

Project: Klaza - 134

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 1-OCT-2012  
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**CERTIFICATE OF ANALYSIS WH12219359**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354550		3.60	0.099	1.51	7.68	22.1	1680	1.84	0.83	0.91	4.95	51.4	18.4	39	16.30	1295
M354551		7.49	0.104	1.69	7.65	17.3	1610	1.72	2.88	1.30	1.54	56.1	14.3	16	9.78	1320
M354552		7.72	0.091	1.53	7.82	19.0	520	1.67	2.02	1.59	1.62	53.4	13.8	15	9.06	1195
M354553		2.86	0.149	1.30	8.00	31.3	950	1.64	1.03	2.03	1.86	53.7	16.8	16	9.52	1100
M354554		0.26	4.35	>100	5.46	6600	870	1.20	54.0	2.02	232	31.8	10.7	18	12.25	1325
M354555		5.27	0.075	1.01	7.48	9.9	1370	1.58	0.75	2.40	1.58	45.0	14.2	15	8.86	846
M354556		8.43	0.114	1.20	8.18	28.0	1810	1.72	0.55	2.55	3.87	46.8	18.5	15	25.4	959
M354557		8.75	0.081	0.94	7.99	17.6	1820	1.41	0.53	2.75	1.01	37.9	19.8	26	12.90	762
M354558		8.06	0.066	1.33	7.99	25.3	1630	1.39	1.20	2.14	1.99	40.7	21.7	21	13.20	692
M354559		3.37	0.078	1.03	8.47	19.0	1180	1.83	0.82	1.80	3.49	45.0	22.6	19	18.60	874
M354560		3.37	<0.005	0.01	0.07	<5	20	0.05	0.03	20.6	0.07	1.26	1.6	<1	0.22	6.0
M354561		7.06	0.060	1.09	8.07	16.2	440	1.41	0.80	2.12	5.21	42.0	20.8	22	13.75	900
M354562		7.40	0.046	2.03	8.05	52.1	470	1.89	2.18	2.02	5.81	64.0	12.6	18	19.10	212
M354563		2.98	0.028	0.54	6.86	35.5	400	1.89	0.91	2.56	2.19	53.9	8.3	14	16.85	116.5
M354564		4.55	0.020	0.12	6.69	22.4	630	1.74	0.18	2.75	0.19	48.0	6.4	14	17.20	5.3
M354565		1.96	0.020	0.09	6.76	25.3	690	1.81	0.17	2.83	0.15	50.3	6.7	14	17.10	3.8
M354566		2.79	0.059	1.58	7.58	29.8	2060	1.25	2.28	3.35	1.70	38.1	21.0	38	19.90	363
M354567		3.11	0.055	1.11	7.40	13.6	700	1.25	0.84	3.20	7.83	37.5	20.8	40	18.85	637
M354568		3.70	0.089	3.87	7.77	39.9	900	1.26	4.21	2.19	4.90	40.7	17.6	22	24.4	523
M354569		3.40	0.189	0.66	7.17	8.5	1030	1.14	0.62	2.55	0.92	32.2	16.0	19	10.50	519
M354570		8.44	0.046	0.65	7.27	7.1	1080	1.24	0.52	2.73	0.32	37.9	17.0	23	7.30	530
M354571		0.26	4.51	>100	5.04	6760	1110	1.10	60.4	1.91	212	29.6	8.5	16	10.05	1220
M354572		7.38	0.050	0.78	7.32	11.8	1120	1.29	0.60	2.95	0.66	38.2	16.3	22	7.18	542
M354573		9.33	0.054	1.38	7.26	19.4	1190	1.40	1.24	2.45	3.83	35.1	23.9	22	7.15	623
M354574		8.61	0.073	0.77	7.63	10.6	1020	1.18	0.54	3.27	3.84	44.6	14.2	21	8.61	464
M354575		5.91	0.081	0.65	7.73	11.7	1560	1.21	0.50	4.14	2.70	45.7	14.4	19	11.10	474
M354576		4.36	0.040	1.38	8.03	25.7	890	1.49	1.08	2.20	14.10	49.2	18.1	21	22.6	703
M354577		4.12	<0.005	0.05	0.07	<5	50	0.05	0.03	20.0	0.08	1.02	0.6	<1	0.20	5.1
M354578		3.29	0.034	2.05	7.61	42.0	440	1.37	0.77	3.08	6.60	47.0	15.7	18	17.45	512
M354579		3.82	0.362	53.1	6.95	374	90	0.78	41.4	0.83	155.0	38.2	21.8	20	11.70	222
M354580		6.79	0.059	1.29	7.10	37.7	1830	1.36	1.20	3.53	4.90	39.7	13.5	20	12.35	427
M354581		8.73	0.042	0.88	6.84	42.5	2220	1.49	0.62	3.52	0.72	37.9	13.3	19	15.85	431
M354582		<0.02	0.039	0.72	6.74	39.1	2210	1.31	0.52	3.30	0.49	36.3	12.4	19	15.00	401
M354583		8.56	0.018	0.29	6.67	27.1	1320	1.65	0.16	2.99	0.58	38.9	7.7	11	21.0	81.0
M354584		8.11	0.023	0.56	6.66	31.9	830	1.60	0.36	3.38	0.40	41.7	10.9	13	19.15	291
M354585		7.89	0.051	0.94	6.99	11.0	1280	1.24	0.72	2.76	0.45	39.3	14.8	27	10.10	820





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Project: Klaza - 134

**CERTIFICATE OF ANALYSIS WH12219359**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354550		4.73	18.75	0.19	1.2	0.125	2.70	27.1	19.0	1.01	426	108.5	0.75	6.9	12.7	900
M354551		5.03	18.90	0.22	0.9	0.138	2.98	27.7	17.7	1.53	372	26.8	1.35	7.4	7.6	990
M354552		5.52	18.10	0.20	1.0	0.134	2.94	26.5	16.8	1.67	358	27.5	1.50	7.7	7.6	1110
M354553		4.70	18.50	0.22	1.0	0.095	2.82	27.1	17.5	1.86	270	69.2	1.66	7.7	7.7	1170
M354554		8.47	12.60	0.17	1.1	4.71	2.38	17.1	30.5	0.64	3280	16.20	0.08	5.7	15.5	470
M354555		4.17	17.70	0.20	1.0	0.081	2.40	22.7	15.2	1.58	333	52.4	1.75	7.7	6.8	1030
M354556		4.67	18.20	0.20	0.9	0.083	2.67	24.3	12.5	1.16	591	46.7	1.14	7.4	7.3	1130
M354557		5.58	19.90	0.20	0.9	0.095	2.09	17.9	15.9	2.24	555	30.3	1.72	6.2	8.7	1080
M354558		6.05	20.1	0.21	0.9	0.120	2.02	19.8	20.6	2.00	465	58.6	1.41	5.9	6.3	1020
M354559		5.35	20.5	0.21	0.8	0.105	2.47	22.6	20.6	0.93	446	45.5	0.48	6.3	6.9	960
M354560		0.49	0.38	0.20	<0.1	<0.005	0.03	0.6	0.9	12.90	212	0.25	0.01	0.3	1.5	180
M354561		5.82	20.5	0.15	0.8	0.110	1.98	20.0	25.8	1.30	898	38.7	0.67	6.2	6.7	1100
M354562		3.49	21.2	0.21	2.1	0.071	2.80	33.6	22.0	0.88	999	6.93	0.07	10.0	6.6	960
M354563		2.44	18.10	0.18	2.2	0.033	2.49	27.8	17.3	0.95	862	2.14	0.57	9.5	5.9	780
M354564		2.17	18.95	0.20	2.3	0.029	2.57	23.9	10.2	0.92	709	0.95	1.32	10.0	5.5	810
M354565		2.15	18.15	0.19	2.2	0.028	2.54	25.6	9.8	0.95	722	0.83	1.30	9.9	5.6	790
M354566		6.86	17.20	0.21	1.1	0.095	2.09	19.2	26.1	2.23	807	27.4	0.79	5.9	9.2	830
M354567		5.86	17.90	0.17	1.0	0.106	1.92	18.7	28.9	2.33	1000	55.3	0.81	5.6	8.6	760
M354568		6.68	16.85	0.19	0.8	1.115	2.74	20.5	14.5	1.15	831	30.2	0.20	5.2	5.1	810
M354569		5.11	16.70	0.10	0.8	0.052	1.95	14.7	25.4	1.93	387	68.3	1.23	6.4	5.1	940
M354570		5.11	18.10	0.14	1.0	0.056	2.13	17.3	14.2	2.23	376	41.4	1.80	6.3	5.4	1110
M354571		7.55	11.65	0.10	1.1	4.38	2.21	15.1	29.0	0.61	2940	12.90	0.08	4.8	12.5	430
M354572		5.18	18.90	0.13	1.0	0.076	2.07	17.5	13.4	2.26	420	29.7	1.86	6.4	5.4	1150
M354573		5.48	18.60	0.11	0.9	0.392	2.00	15.6	14.8	2.15	464	33.4	1.70	6.8	6.9	1130
M354574		4.99	19.25	0.12	1.0	0.071	1.84	20.0	15.4	2.23	485	16.15	1.93	6.6	5.0	1140
M354575		4.95	18.10	0.13	1.0	0.080	2.03	23.3	19.5	2.23	691	96.3	1.30	6.9	4.9	1070
M354576		5.16	17.40	0.15	1.0	0.075	2.82	25.5	20.4	1.26	1810	25.6	0.08	11.8	4.3	1110
M354577		0.47	0.23	0.10	<0.1	0.005	0.03	0.5	1.1	12.50	214	0.43	0.01	0.4	1.3	170
M354578		5.25	17.55	0.17	0.8	0.145	2.93	23.7	17.9	1.32	1990	23.7	0.05	6.0	4.6	1080
M354579		14.60	14.05	0.19	1.0	0.226	3.25	18.3	3.0	0.39	549	27.8	0.04	5.3	6.8	890
M354580		5.11	18.35	0.12	1.0	0.187	2.04	18.4	22.3	1.57	740	11.75	1.04	6.4	4.8	1050
M354581		4.20	18.25	0.12	1.1	0.072	2.11	17.9	30.9	1.37	524	40.3	1.16	6.6	4.8	1000
M354582		4.15	17.40	0.11	1.1	0.079	1.99	17.3	29.1	1.34	490	27.3	1.14	6.4	4.4	980
M354583		2.84	16.75	0.15	2.9	0.049	2.53	19.6	22.5	1.06	592	4.49	1.16	8.9	4.0	800
M354584		3.52	18.05	0.14	2.5	0.066	2.39	20.0	23.4	1.35	554	10.40	1.39	8.2	4.5	840
M354585		4.55	18.65	0.14	1.4	0.085	2.36	19.0	24.3	1.69	268	16.70	1.57	7.0	5.7	1010



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M354550		50.4	124.5	0.038	1.01	4.05	17.0	3	4.4	202	0.50	0.20	8.9	0.337	3.0
M354551		41.5	115.0	0.014	1.84	1.59	18.0	3	6.6	298	0.54	0.44	10.3	0.369	2.8
M354552		69.4	100.5	0.020	2.60	1.08	18.1	4	5.9	322	0.57	0.42	11.1	0.378	3.2
M354553		41.6	97.2	0.051	2.26	1.10	18.5	4	5.3	348	0.53	0.16	10.0	0.387	2.2
M354554		>10000	131.0	0.002	7.18	228	8.1	3	8.4	119.5	0.47	0.49	8.2	0.187	5.2
M354555		24.6	84.9	0.036	1.61	0.97	17.5	3	4.1	348	0.51	0.17	11.2	0.370	2.1
M354556		32.8	106.0	0.032	1.63	4.47	18.4	4	3.2	268	0.54	0.10	11.1	0.395	2.3
M354557		24.4	67.1	0.031	1.05	1.81	24.1	4	3.5	467	0.42	0.09	5.3	0.474	1.5
M354558		68.9	76.9	0.031	1.75	2.13	22.6	5	3.9	415	0.37	0.15	4.8	0.487	1.5
M354559		24.4	110.0	0.030	1.74	7.65	22.8	4	5.1	264	0.43	0.16	6.3	0.471	2.4
M354560		1.5	1.4	<0.002	<0.01	<0.05	0.4	1	<0.2	40.6	<0.05	<0.05	<0.2	<0.005	0.6
M354561		37.2	73.1	0.028	2.22	6.99	20.7	4	4.1	335	0.41	0.12	5.0	0.456	2.0
M354562		488	139.0	0.008	0.46	11.30	10.8	4	7.2	93.3	0.77	1.17	10.8	0.315	5.3
M354563		24.5	114.5	0.016	0.21	4.23	6.8	2	1.7	114.0	0.75	0.28	9.6	0.237	4.7
M354564		18.8	108.5	0.002	0.13	4.02	6.4	2	1.5	172.0	0.81	<0.05	8.4	0.245	3.7
M354565		17.3	114.0	0.002	0.15	3.95	6.5	2	1.5	170.5	0.79	<0.05	8.9	0.237	4.0
M354566		86.5	90.1	0.028	3.94	2.89	27.4	5	6.1	369	0.41	0.30	5.4	0.494	2.4
M354567		94.2	76.5	0.032	2.04	2.53	28.2	4	4.0	399	0.39	0.11	4.9	0.523	1.9
M354568		159.5	114.5	0.013	3.86	3.55	21.1	7	6.4	187.0	0.38	1.11	6.4	0.409	3.2
M354569		18.2	64.2	0.043	2.32	1.42	17.2	3	3.2	340	0.39	0.08	5.0	0.438	1.2
M354570		10.1	58.1	0.036	1.73	0.74	18.4	2	3.3	481	0.43	0.09	5.1	0.492	1.2
M354571		9370	124.5	<0.002	6.80	216	6.6	1	7.7	115.0	0.40	0.43	8.3	0.178	5.1
M354572		18.9	59.6	0.045	1.42	1.10	18.6	2	3.6	509	0.44	0.08	5.1	0.504	1.3
M354573		68.7	60.7	0.023	2.11	1.15	17.9	4	4.1	464	0.42	0.08	4.8	0.490	1.2
M354574		126.5	64.8	0.024	1.40	1.05	19.3	2	3.7	514	0.44	0.07	5.8	0.502	1.7
M354575		20.9	83.7	0.050	1.07	1.82	18.1	1	3.1	464	0.43	0.07	6.6	0.477	3.6
M354576		123.5	143.5	0.019	2.81	4.78	19.0	2	5.3	73.4	0.39	0.19	7.2	0.451	3.3
M354577		1.6	1.4	<0.002	<0.01	0.07	0.3	<1	0.2	36.4	<0.05	<0.05	<0.2	<0.005	0.7
M354578		262	144.0	0.015	2.45	5.46	17.8	1	4.0	72.1	0.41	0.05	6.4	0.460	2.9
M354579		4870	115.5	0.016	>10.0	11.40	14.8	27	21.8	29.7	0.37	17.95	4.8	0.401	2.8
M354580		166.0	65.2	0.008	1.89	4.12	17.1	2	4.8	490	0.46	0.20	5.7	0.475	2.4
M354581		37.3	64.4	0.029	1.05	6.25	15.7	2	3.1	4640	0.47	0.09	5.8	0.462	2.3
M354582		26.8	64.0	0.016	1.04	5.87	15.0	1	3.0	4530	0.46	<0.05	5.6	0.431	2.3
M354583		39.0	85.3	0.006	0.26	4.73	8.9	1	1.9	426	0.67	0.05	7.8	0.331	4.9
M354584		24.5	77.9	0.007	0.72	5.51	11.3	2	2.5	747	0.62	0.06	7.2	0.355	3.5
M354585		15.0	85.7	0.012	2.12	1.71	15.3	2	3.7	685	0.54	0.13	7.2	0.388	3.0



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 Finalized Date: 1-OCT-2012  
 Account: ROCKHA

Project: Klaza - 134

**CERTIFICATE OF ANALYSIS WH12219359**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M354550		123	6.0	22.8	308	45.5			
M354551		138	9.1	20.4	210	28.4			
M354552		143	13.3	20.5	196	27.9			
M354553		148	7.0	19.8	129	31.0			
M354554		53	5.0	9.1	>10000	35.8	123	1.000	1.590
M354555		123	6.3	18.3	142	31.6			
M354556		146	9.1	20.0	196	27.4			
M354557		181	5.5	19.1	214	22.6			
M354558		184	7.6	19.3	279	25.3			
M354559		169	6.4	20.9	232	20.3			
M354560		2	0.1	0.8	15	<0.5			
M354561		169	18.4	20.4	319	18.7			
M354562		85	8.0	16.1	472	75.5			
M354563		54	3.1	13.7	189	81.8			
M354564		53	1.8	11.2	97	81.6			
M354565		52	1.7	11.6	92	81.5			
M354566		192	16.1	15.9	235	28.6			
M354567		201	10.1	17.3	612	23.2			
M354568		167	25.3	14.4	563	20.1			
M354569		162	6.8	13.9	167	14.7			
M354570		171	5.2	17.0	95	16.8			
M354571		50	4.1	7.9	>10000	28.1	117		1.570
M354572		174	6.5	17.5	106	18.0			
M354573		173	7.4	15.9	358	17.2			
M354574		172	7.4	18.7	353	18.9			
M354575		162	4.9	18.2	121	19.7			
M354576		166	18.8	20.6	590	20.3			
M354577		3	0.1	0.7	14	<0.5			
M354578		162	9.3	16.6	789	15.7			
M354579		151	38.1	12.2	>10000	18.9			1.040
M354580		161	12.2	14.8	468	20.6			
M354581		154	6.2	14.5	138	25.8			
M354582		142	6.0	13.9	117	25.9			
M354583		90	3.8	11.1	133	86.3			
M354584		105	6.2	13.1	101	75.1			
M354585		132	9.0	15.1	76	35.1			



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**CERTIFICATE OF ANALYSIS WH12219359**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12219371**

Project: Klaza - 102

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188050\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12219371**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
N814313		0.34	7.04	127.0	1440	1.52	1.52	1.94	0.69	51.1	56.4	9	20.3	8.8	4.52	17.80
N814314		0.02	7.75	18.1	1870	1.73	5.84	4.46	0.09	45.0	4.5	8	27.3	1.9	5.40	27.7
N814315		0.06	7.51	6.9	890	1.49	1.67	1.49	0.10	59.7	8.0	9	16.50	4.8	3.33	16.75
N814316		0.04	7.36	3.0	2150	1.71	0.08	2.80	0.08	50.4	8.0	11	8.01	3.8	3.04	16.80
N814317		10.65	6.69	1460	1290	1.78	6.71	1.94	46.5	48.0	17.7	19	17.05	112.5	5.37	16.40
N814318		0.09	7.24	8.4	2010	1.48	0.09	2.90	0.22	50.3	7.3	10	7.50	5.2	3.08	15.65
N814319		0.06	7.57	6.0	2320	1.73	0.05	2.80	0.12	50.6	8.3	12	8.09	4.2	3.31	17.40
N814320		0.08	7.60	5.0	2050	1.58	0.19	2.56	0.11	50.9	7.4	11	9.15	4.9	3.15	17.30
N814321		0.91	8.07	56.8	3390	2.00	2.15	2.80	1.04	55.0	5.1	8	28.6	133.0	6.05	26.1
N814322		0.33	7.83	25.7	2440	1.62	2.36	2.62	0.15	48.5	17.6	8	19.35	4.5	5.00	20.6
N814323		0.03	0.09	6	30	0.06	0.04	20.3	0.08	1.49	0.8	<1	0.47	2.5	0.51	0.36
N814324		0.05	6.63	7.6	770	1.36	2.28	3.05	0.11	44.9	6.7	8	14.15	4.4	3.09	15.95
N814325		0.06	7.43	2.8	2300	1.47	0.08	3.00	0.07	45.9	8.0	12	6.37	9.2	3.23	17.05
N814326		0.05	7.52	3.8	2310	1.54	0.08	2.82	0.05	47.3	7.9	13	6.46	3.3	3.23	16.30
N814327		0.04	7.06	4.2	2130	1.55	0.06	2.66	0.06	46.8	7.5	11	5.76	4.2	3.08	15.90
N814328		0.05	7.19	4.3	2100	1.68	0.20	2.97	0.07	47.4	8.6	11	6.24	3.5	3.20	16.65
N814329		0.04	7.18	4.3	2220	1.55	0.16	2.86	0.07	43.7	8.4	10	6.05	4.1	3.18	16.90
N814330		0.04	7.31	4.8	1890	1.66	0.35	2.92	0.09	48.7	8.7	11	8.74	3.7	3.07	18.15
N814331		0.06	7.36	6.8	2120	1.74	0.15	2.88	0.05	45.0	8.1	12	9.82	5.7	3.09	17.00
N814332		27.3	6.15	2890	1640	1.38	22.0	2.32	84.4	44.6	11.1	19	14.60	462	6.89	15.10
N814333		0.19	7.58	15.3	2240	1.63	0.17	2.80	0.37	47.3	8.3	12	9.44	4.5	3.33	17.10
N814334		1.08	6.85	252	1290	1.86	0.43	2.92	3.55	43.0	10.6	9	23.0	7.4	3.63	16.45
N814335		0.05	0.07	5	20	0.07	0.03	20.3	0.11	1.35	0.7	<1	0.32	5.7	0.49	0.26
N814336		0.08	7.55	4.1	2230	1.62	0.09	2.92	0.13	49.6	8.4	11	10.55	4.5	3.28	17.95
N814337		0.07	7.21	5.4	2130	1.67	0.15	2.95	0.09	45.6	7.9	11	7.39	6.0	3.16	17.05
N814338		0.07	6.98	4.5	2030	1.55	0.17	3.09	0.06	39.1	7.7	12	9.55	3.9	3.10	16.25
N814339		0.13	7.09	7.5	1360	1.49	0.56	2.95	0.08	46.0	9.4	10	10.75	2.4	3.35	15.70
N814340		0.06	6.90	4.4	1810	1.46	0.28	2.79	0.12	42.7	7.0	10	10.40	3.9	3.06	15.80
N814341		1.05	6.69	35.1	2320	1.55	1.40	3.35	1.71	47.5	15.8	10	20.7	5.2	3.12	14.25
N814342		0.08	7.03	4.0	2050	1.69	0.14	2.92	0.09	43.4	8.2	12	10.55	2.8	3.08	17.10
N814343		0.04	7.06	3.8	2040	1.60	0.15	2.91	0.08	42.9	8.2	11	10.30	2.4	3.08	16.50
N814344		0.06	7.34	3.5	2360	1.73	0.18	3.01	0.07	45.4	9.3	14	8.45	3.9	3.23	17.50
N814345		0.06	7.00	6.0	1560	1.61	0.64	2.86	0.07	46.0	8.0	12	8.35	2.4	3.28	16.05
N814346		0.06	7.45	5.2	2450	1.80	0.09	2.76	0.10	48.5	7.9	11	7.22	3.7	3.02	16.50
N814347		0.04	7.43	4.0	1970	1.56	0.12	2.77	0.07	44.2	7.5	12	8.81	5.9	3.03	14.90
N814348		0.05	7.36	6.6	1940	1.46	0.21	2.80	0.08	40.6	8.6	13	10.50	6.9	3.26	15.15

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188050\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Finalized Date: 21-SEP-2012  
Account: ROCKHA

Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12219371**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5
N814313		0.16	1.1	0.288	2.93	25.7	29.2	0.63	2390	1.18	0.10	7.9	4.4	600	91.5
N814314		0.14	1.3	0.613	2.10	20.0	44.3	0.66	1150	0.68	0.54	8.7	1.7	660	24.8
N814315		0.15	1.4	0.119	1.14	29.7	37.9	0.95	709	0.46	1.29	8.2	2.6	630	18.6
N814316		0.14	1.3	0.037	2.42	25.1	18.5	0.81	646	0.57	2.26	7.9	2.6	600	16.9
N814317		0.15	1.4	0.965	2.91	23.5	28.1	0.70	2010	12.50	0.27	7.7	16.7	510	1400
N814318		0.16	1.3	0.034	2.45	24.4	16.2	0.82	655	0.56	2.21	7.3	2.4	580	20.2
N814319		0.16	1.3	0.034	2.58	24.8	18.1	0.94	688	0.58	2.37	8.4	2.8	640	17.7
N814320		0.14	1.4	0.040	2.61	24.7	19.5	0.77	679	0.50	1.96	8.1	2.6	630	19.4
N814321		0.16	1.2	0.437	3.74	25.5	50.3	0.95	2030	0.51	0.08	9.1	3.3	720	46.7
N814322		0.14	1.0	0.241	2.77	23.3	29.9	0.88	1100	0.50	1.25	7.7	3.1	650	15.5
N814323		0.08	<0.1	0.006	0.04	0.7	1.4	12.60	217	0.18	0.01	0.2	1.7	180	1.6
N814324		0.15	1.0	0.163	1.04	22.6	38.9	0.66	644	0.48	0.99	7.0	2.2	550	15.3
N814325		0.14	1.3	0.036	2.38	21.7	16.1	0.82	662	0.46	2.18	8.0	2.8	650	16.6
N814326		0.13	1.2	0.033	2.38	23.7	14.3	0.97	680	0.50	2.31	7.6	2.7	630	16.1
N814327		0.14	1.2	0.031	2.34	22.7	13.7	0.90	639	0.48	2.20	7.5	2.7	600	15.4
N814328		0.13	1.3	0.040	2.43	22.5	13.8	0.87	704	0.53	2.16	7.8	2.7	620	15.3
N814329		0.15	1.5	0.036	2.47	20.6	13.2	0.90	688	0.56	2.19	7.9	2.9	620	15.5
N814330		0.17	1.4	0.040	2.24	23.5	14.2	0.79	669	0.56	2.19	8.7	2.8	630	14.5
N814331		0.16	1.3	0.032	2.48	21.4	13.7	0.79	626	0.60	2.28	8.0	2.7	610	17.1
N814332		0.13	1.0	1.800	2.81	23.7	25.0	0.94	1980	12.80	0.05	5.9	16.1	460	3030
N814333		0.15	1.3	0.040	2.51	22.6	13.5	0.85	680	4.35	2.30	8.2	2.9	630	26.6
N814334		0.15	1.0	0.062	2.77	20.2	61.9	0.83	1620	0.72	0.39	7.4	2.9	570	202
N814335		0.08	<0.1	0.005	0.03	0.6	1.4	12.75	205	0.31	0.01	0.3	1.2	170	3.2
N814336		0.16	1.3	0.036	2.45	24.2	16.4	0.90	720	0.62	2.32	8.4	2.9	630	17.4
N814337		0.16	1.2	0.046	2.60	21.4	12.0	0.86	763	22.3	2.11	8.1	2.8	590	17.3
N814338		0.13	1.2	0.038	2.04	18.4	13.9	0.73	716	0.72	2.22	7.8	2.7	620	16.4
N814339		0.14	1.2	0.078	1.62	21.7	17.2	0.92	948	0.43	2.10	7.5	2.6	600	20.8
N814340		0.15	1.2	0.043	1.87	19.9	46.9	0.79	714	0.47	1.98	7.4	2.5	590	17.3
N814341		0.15	1.0	0.057	2.35	25.1	129.5	1.13	1360	0.59	0.08	6.3	3.1	530	109.0
N814342		0.14	1.2	0.047	1.78	20.5	15.7	0.79	652	0.48	2.36	7.7	2.8	580	15.0
N814343		0.14	1.3	0.043	1.76	20.7	14.9	0.79	651	0.47	2.36	7.5	2.5	590	14.4
N814344		0.17	1.2	0.045	1.91	20.9	18.0	0.92	768	0.50	2.36	8.2	3.1	640	18.1
N814345		0.13	1.0	0.107	1.07	21.9	19.2	0.90	817	0.62	2.59	7.9	2.6	610	14.8
N814346		0.17	1.2	0.036	2.34	23.9	14.2	0.90	698	0.53	2.33	7.8	2.7	590	16.6
N814347		0.13	1.4	0.037	2.28	21.5	16.5	0.86	685	0.88	2.28	9.2	3.2	590	19.2
N814348		0.12	1.5	0.052	2.29	19.6	21.1	0.84	878	0.64	1.98	8.7	3.0	600	18.6

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188050\*\*

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Finalized Date: 21-SEP-2012  
Account: ROCKHA

Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12219371**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
N814313		<0.002	1.39	13.20	11.8	1	3.5	113.5	0.64	<0.05	13.5	0.259	2.78	3.9	76	4.7
N814314		<0.002	0.07	29.8	9.5	1	6.5	411	0.76	<0.05	12.3	0.308	1.73	4.5	156	6.3
N814315		<0.002	0.02	15.95	12.5	1	2.4	257	0.67	<0.05	16.5	0.284	0.80	4.1	74	5.4
N814316		<0.002	0.01	1.34	11.5	<1	1.4	429	0.65	<0.05	13.6	0.266	1.00	4.3	73	0.9
N814317		<0.002	3.11	35.5	9.4	1	6.4	159.0	0.58	0.37	11.9	0.209	2.55	5.0	57	5.5
N814318		<0.002	0.01	1.16	11.0	1	1.2	429	0.63	<0.05	14.1	0.260	0.97	3.9	71	1.2
N814319		<0.002	0.01	1.19	12.2	1	1.4	459	0.67	<0.05	13.4	0.287	0.96	4.0	81	1.2
N814320		<0.002	0.02	3.98	11.5	2	1.4	376	0.67	<0.05	15.2	0.279	1.04	4.3	77	1.9
N814321		<0.002	0.53	30.5	12.9	1	4.0	182.0	0.74	<0.05	13.6	0.306	2.85	4.5	129	6.9
N814322		0.002	0.76	9.87	11.4	1	3.3	166.5	0.63	<0.05	12.2	0.268	1.99	3.2	96	5.6
N814323		<0.002	0.01	0.19	0.5	<1	<0.2	44.2	<0.05	<0.05	0.2	<0.005	0.04	0.5	3	0.1
N814324		<0.002	0.05	12.95	10.1	1	2.5	236	0.62	<0.05	11.1	0.240	0.68	3.5	73	7.8
N814325		<0.002	<0.01	2.39	11.3	1	2.8	447	0.65	<0.05	12.3	0.286	0.88	3.7	78	1.6
N814326		<0.002	0.01	1.00	11.7	1	1.5	464	0.63	<0.05	13.7	0.275	0.92	4.2	75	0.6
N814327		<0.002	0.01	1.13	10.8	1	1.6	427	0.64	<0.05	12.4	0.262	0.95	4.1	72	0.6
N814328		<0.002	0.06	1.34	11.2	1	1.6	407	0.63	<0.05	12.2	0.278	1.02	4.0	75	1.3
N814329		<0.002	0.04	1.02	11.3	1	1.5	426	0.64	<0.05	11.3	0.277	1.00	3.9	75	0.8
N814330		<0.002	0.09	1.72	12.1	1	1.8	388	0.64	<0.05	12.3	0.277	1.06	3.9	74	1.4
N814331		<0.002	0.04	1.26	11.3	1	1.7	432	0.72	<0.05	13.0	0.273	1.02	4.2	74	3.6
N814332		<0.002	4.97	92.7	8.5	1	8.0	96.3	0.46	0.42	11.3	0.188	2.51	5.3	57	5.5
N814333		<0.002	0.03	1.93	11.8	1	1.5	440	0.71	<0.05	12.4	0.284	1.08	4.2	77	2.2
N814334		<0.002	1.04	13.75	10.9	1	1.8	195.0	0.59	<0.05	11.4	0.257	2.74	4.8	72	3.1
N814335		<0.002	0.01	0.18	0.2	1	<0.2	47.9	<0.05	<0.05	0.2	<0.005	0.02	0.6	2	0.1
N814336		<0.002	0.01	1.67	12.1	1	1.4	444	0.69	<0.05	12.6	0.284	0.90	4.3	78	0.9
N814337		0.012	0.05	1.39	11.2	1	1.4	401	0.67	<0.05	12.2	0.272	1.06	4.1	74	1.1
N814338		<0.002	0.02	2.44	10.5	1	1.4	436	0.69	<0.05	11.5	0.273	0.89	3.8	74	1.6
N814339		<0.002	0.08	2.79	11.2	1	1.5	392	0.62	<0.05	10.9	0.264	1.07	3.3	70	3.0
N814340		<0.002	0.01	3.94	10.7	1	1.4	418	0.58	<0.05	10.5	0.261	0.83	3.0	72	2.6
N814341		<0.002	0.61	12.05	10.2	<1	1.3	222	0.49	0.11	12.6	0.233	2.38	4.2	65	5.0
N814342		<0.002	0.01	1.82	11.0	1	1.5	445	0.62	0.07	10.9	0.261	0.82	3.7	70	1.3
N814343		<0.002	0.01	1.77	10.8	<1	1.4	443	0.61	<0.05	11.0	0.259	0.76	3.5	68	1.2
N814344		<0.002	0.03	1.34	12.5	1	1.5	455	0.59	<0.05	10.6	0.281	0.80	3.7	75	1.3
N814345		<0.002	<0.01	2.70	11.5	2	2.0	549	0.60	<0.05	11.3	0.272	0.54	3.7	70	2.4
N814346		<0.002	<0.01	0.97	11.0	1	1.3	476	0.63	<0.05	12.5	0.265	0.87	4.2	71	0.9
N814347		<0.002	<0.01	1.72	11.4	1	1.5	407	0.75	<0.05	13.1	0.264	0.95	4.4	71	1.5
N814348		<0.002	0.07	3.77	10.9	1	1.6	360	0.77	<0.05	11.4	0.272	0.99	4.1	75	1.5

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188050\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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 Plus Appendix Pages  
 Finalized Date: 21-SEP-2012  
 Account: ROCKHA

Project: Klaza - 102

**CERTIFICATE OF ANALYSIS WH12219371**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814313		15.5	74	25.8
N814314		15.2	41	29.3
N814315		16.6	55	31.7
N814316		15.9	49	27.7
N814317		11.5	2990	38.9
N814318		15.8	45	30.0
N814319		16.7	50	31.1
N814320		15.8	51	33.0
N814321		20.3	108	26.0
N814322		16.0	55	23.5
N814323		0.9	12	<0.5
N814324		15.4	45	24.4
N814325		15.1	52	29.4
N814326		16.2	47	26.2
N814327		15.2	45	26.5
N814328		15.2	46	29.2
N814329		15.4	46	29.2
N814330		16.2	51	33.1
N814331		15.4	48	29.2
N814332		9.7	5740	25.0
N814333		16.0	53	29.1
N814334		13.7	237	25.0
N814335		0.8	15	<0.5
N814336		16.8	55	32.6
N814337		15.7	49	27.4
N814338		13.9	49	26.0
N814339		14.6	55	26.5
N814340		14.6	52	25.7
N814341		13.7	200	25.6
N814342		14.9	48	28.3
N814343		14.8	49	27.9
N814344		16.5	57	28.3
N814345		16.3	56	25.2
N814346		15.9	53	28.7
N814347		18.8	52	35.0
N814348		17.3	61	33.8

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188050\*\*

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**CERTIFICATE OF ANALYSIS WH12219371**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12219372**

Project: Klaza - 103

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188884\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12219372**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M355346		<0.005
M355347		<0.005
M355348		<0.005
M355349		0.253
M355350		<0.005
M355351		<0.005
M355352		<0.005
M355353		<0.005
M355354		<0.005
M355355		0.007
M355356		<0.005
M355357		<0.005
M355358		<0.005
M355359		<0.005
M355360		<0.005
M355361		<0.005
M355362		<0.005
M355363		<0.005
M355364		0.755
M355365		<0.005
M355366		<0.005
M355367		<0.005
M355368		<0.005
M355370		<0.005
M355371		0.005
M355372		<0.005
M355373		0.026
M355374		<0.005
M355375		2.21
M355376		<0.005
M355377		<0.005
M355378		<0.005
M355379		<0.005
M355380		0.009
M355381		<0.005
M355382		<0.005

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH1218884\*\*



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**CERTIFICATE WH12219373**

Project: Klaza - 103

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12188885\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 103

**CERTIFICATE OF ANALYSIS WH12219373**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M355383		<0.005
M355384		<0.005
M355385		<0.005
M355386		2.11
M355387		<0.005
M355388		<0.005
M355389		<0.005
M355390		<0.005
M355391		<0.005
M355392		<0.005
M355393		<0.005
M355394		<0.005
M355395		<0.005
M355396		<0.005
M355397		0.005
M355398		<0.005
M355399		<0.005
M355400		0.006
M355401		<0.005
M355402		2.28
M355403		<0.005
M355404		<0.005
M355405		0.123
M355406		<0.005
M355407		0.029
M355408		<0.005
M355409		0.039
M355410		0.013
M355411		0.016
M355412		<0.005
M355413		<0.005
M355414		<0.005
M355415		<0.005
M355416		<0.005
M355417		<0.005
M355418		<0.005

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH1218885\*\*



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**CERTIFICATE WH12219374**

Project: Klaza - 104

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193440\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza - 104

**CERTIFICATE OF ANALYSIS WH12219374**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
N811885		<0.005
N811886		2.29
N811887		<0.005
N811888		<0.005
N811889		<0.005
N811890		0.195
N811891		1.285
N811892		0.017
N811893		0.024
N811894		0.008
N811895		0.796
N811896		0.027
N811897		0.112
N811898		0.186
N811899		0.009
N811900		0.013
N811901		0.298
N811902		<0.005
N811903		0.067
N811904		0.007
N811905		0.006
N811906		0.008
N811907		0.009
N811908		0.006
N811909		0.015
N811910		0.006
N811911		<0.005
N811912		<0.005
N811913		<0.005
N811914		<0.005
N811915		<0.005
N811916		<0.005
N811917		<0.005
N811918		<0.005
N811919		<0.005
N811920		<0.005

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193440\*\*





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**CERTIFICATE WH12219375**

Project: Klaza - 104

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193369\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Account: ROCKHA

Project: Klaza - 104

**CERTIFICATE OF ANALYSIS WH12219375**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
N811849		0.49	7.36	8.0	2100	1.53	0.54	2.66	0.27	39.3	8.6	10	15.80	190.0	3.13
N811850		>100	5.59	8530	290	1.11	60.2	1.95	229	33.8	9.0	17	11.55	1305	8.20
N811851		0.28	6.82	16.9	2070	1.42	0.57	2.71	0.33	34.4	7.5	9	13.00	27.7	2.92
N811852		0.54	6.81	43.3	2760	1.24	0.91	4.11	0.22	34.5	8.9	12	25.3	19.7	3.18
N811853		0.01	0.09	<5	40	<0.05	0.02	20.3	0.07	1.37	1.0	<1	0.23	2.3	0.49
N811854		0.17	7.24	9.0	730	1.07	0.39	3.33	0.11	36.1	10.3	14	15.00	11.3	3.52
N811855		0.14	6.97	5.6	650	0.99	0.44	3.36	0.10	31.7	8.7	11	13.05	10.7	3.18
N811856		1.22	7.23	177.0	540	1.22	1.40	3.32	0.90	42.5	11.3	13	21.7	32.4	3.34
N811857		0.18	7.18	4.6	1250	1.04	0.48	3.43	0.15	36.5	10.2	13	12.35	14.5	3.33
N811858		0.58	7.26	3.2	1360	1.11	3.50	3.64	0.13	40.7	8.8	14	12.35	14.0	3.11
N811859		0.14	7.19	4.3	1040	1.03	0.17	4.43	0.13	40.3	9.6	12	11.60	37.2	3.35
N811860		0.20	7.03	4.1	960	1.16	0.11	3.65	0.09	32.5	11.2	15	9.28	27.3	3.35
N811861		0.24	6.93	30.7	750	1.00	0.18	5.07	0.34	36.9	9.3	11	12.90	12.3	3.41
N811862		0.93	7.59	4.2	840	1.13	0.12	2.84	0.09	35.8	10.5	18	10.10	22.5	3.60
N811863		0.99	7.09	9.2	730	1.33	0.43	2.95	0.15	32.6	9.7	16	9.43	51.4	3.15
N811864		2.75	7.14	16.6	750	1.48	0.94	3.79	0.90	31.1	11.3	14	22.1	21.9	3.65
N811865		1.51	7.75	14.3	800	1.53	0.89	3.38	0.27	48.8	12.4	6	23.2	32.5	4.18
N811866		0.13	6.92	13.8	1510	1.97	0.05	2.71	0.17	48.7	5.0	5	26.8	2.4	2.52
N811867		0.06	7.24	13.1	1300	1.72	0.10	2.78	0.20	54.6	5.3	5	25.0	3.5	2.62
N811868		0.33	6.90	8.0	1360	1.60	0.98	3.31	0.20	34.0	8.2	12	37.3	6.2	3.02
N811869		0.10	6.74	5.3	1690	1.36	0.26	3.07	0.13	30.8	8.6	10	14.80	41.8	2.91
N811870		0.33	7.05	27.9	1540	1.37	1.13	2.65	0.79	42.6	7.8	11	25.2	17.3	2.42
N811871		0.21	6.96	11.3	1110	1.43	0.16	3.26	0.56	33.1	8.2	13	13.55	9.9	2.85
N811872		0.22	7.65	4.0	1270	1.31	0.32	3.22	0.13	36.9	10.0	17	8.83	18.4	3.37
N811873		9.69	6.77	1745	550	1.42	6.42	1.97	43.2	45.7	17.5	20	16.50	116.0	5.39
N811874		0.24	7.50	5.6	1210	1.34	0.32	3.64	0.18	33.2	10.8	17	11.00	66.7	3.53
N811875		0.56	7.51	4.1	1070	1.23	2.98	3.32	0.16	32.5	8.7	16	14.30	58.6	3.25
N811876		0.02	0.08	<5	20	<0.05	0.02	20.3	0.07	1.37	1.1	<1	0.25	3.5	0.52
N811877		0.15	7.05	2.8	1170	1.23	0.32	2.91	0.07	38.4	8.8	19	9.37	26.1	2.95
N811878		0.16	6.84	3.9	1030	1.12	0.48	3.33	0.10	33.5	8.0	12	12.30	33.8	2.80
N811879		0.13	6.72	3.6	910	1.11	0.86	2.65	0.09	40.6	6.9	20	9.09	13.5	2.36
N811880		0.10	7.31	3.3	1250	1.22	0.26	2.64	0.05	43.6	8.3	16	9.96	25.7	2.81
N811881		0.11	7.53	2.9	1270	1.28	0.28	2.71	0.06	44.7	8.8	13	10.25	26.2	2.91
N811882		0.24	6.09	13.7	700	1.04	0.56	2.88	0.09	33.8	6.5	11	10.70	58.5	2.16
N811883		0.06	7.64	3.2	1370	1.47	0.12	2.69	0.05	50.3	7.4	13	9.27	18.9	2.73
N811884		0.07	7.20	3.0	1270	1.40	0.13	2.68	0.06	42.7	7.0	17	8.25	16.5	2.64

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193369\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

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Plus Appendix Pages  
Finalized Date: 23-SEP-2012  
Account: ROCKHA

Project: Klaza - 104

**CERTIFICATE OF ANALYSIS WH12219375**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
N811849		0.13	1.7	0.059	2.86	19.3	19.8	0.70	610	4.85	1.60	8.9	2.8	660	21.4	104.0
N811850		0.17	1.0	4.81	2.28	17.0	32.9	0.64	3130	14.65	0.08	5.8	13.4	460	9740	137.0
N811851		0.11	1.5	0.050	2.74	17.4	18.1	0.70	634	17.35	1.85	8.0	2.7	570	33.3	99.1
N811852		0.11	0.9	0.036	1.97	17.3	22.7	0.99	1060	3.17	1.84	8.6	4.7	570	20.0	78.5
N811853		0.06	<0.1	<0.005	0.03	0.7	0.9	13.10	201	0.22	0.01	0.3	1.1	180	2.1	1.5
N811854		0.12	0.6	0.037	1.93	17.7	23.0	1.10	923	0.72	1.25	7.9	5.2	560	15.7	69.8
N811855		0.12	0.6	0.028	1.76	15.5	20.1	0.88	777	0.37	1.66	7.8	4.5	550	13.4	59.1
N811856		0.13	0.6	0.060	2.58	21.9	18.7	1.05	1580	0.80	0.74	7.8	5.4	540	26.2	154.5
N811857		0.14	0.6	0.035	1.95	17.4	21.7	1.16	896	0.72	1.62	8.3	5.3	560	14.6	60.9
N811858		0.15	0.6	0.027	1.89	20.4	21.4	1.12	847	1.06	1.43	7.8	4.9	560	16.4	68.6
N811859		0.15	0.6	0.027	1.76	19.7	23.6	1.27	953	49.7	1.68	8.1	5.1	570	13.4	60.6
N811860		0.14	0.6	0.026	1.74	16.2	20.5	1.16	808	2.14	1.85	8.0	5.4	570	12.8	58.9
N811861		0.14	0.5	0.035	2.33	18.4	14.3	1.50	2220	1.19	1.11	7.4	4.8	520	12.7	109.5
N811862		0.13	0.6	0.037	1.97	17.0	25.1	1.22	859	2.00	1.66	9.7	6.3	710	12.3	63.7
N811863		0.15	0.6	0.027	1.91	15.8	17.3	0.85	797	2.29	2.12	9.6	5.2	590	10.8	79.1
N811864		0.16	0.7	0.038	2.22	14.9	36.8	1.38	1060	4.68	1.07	9.7	5.2	680	35.6	91.0
N811865		0.17	1.0	0.047	2.72	25.5	39.7	1.45	1080	2.82	0.11	8.7	3.8	980	17.6	140.0
N811866		0.16	1.8	0.030	2.55	24.1	94.4	0.83	750	1.11	0.08	9.9	3.0	790	22.7	91.0
N811867		0.17	1.9	0.038	2.78	27.2	76.5	0.92	726	1.49	0.08	10.6	2.7	810	27.0	107.0
N811868		0.16	0.6	0.071	2.42	16.8	33.7	1.17	994	1.53	0.79	7.7	4.5	520	17.2	115.5
N811869		0.16	0.7	0.028	2.20	14.6	71.8	0.84	827	11.50	1.46	9.1	4.8	510	15.3	87.7
N811870		0.16	0.9	0.038	2.63	22.2	48.5	0.94	812	11.75	0.31	9.1	3.9	450	29.5	136.5
N811871		0.16	0.8	0.033	2.35	15.8	25.0	0.92	830	0.71	1.36	8.5	4.4	540	30.2	95.8
N811872		0.14	0.6	0.029	1.94	17.9	20.1	1.03	729	1.48	2.23	8.8	5.4	590	13.6	64.6
N811873		0.17	1.3	0.939	2.85	23.7	25.5	0.72	2080	12.20	0.26	8.0	16.4	510	1380	171.5
N811874		0.16	0.6	0.038	1.90	16.0	25.5	1.25	796	27.1	1.68	8.8	5.6	600	15.7	63.5
N811875		0.15	0.5	0.036	1.76	15.6	20.2	1.19	761	1.42	1.45	9.0	5.1	580	15.9	65.8
N811876		0.07	<0.1	0.005	0.03	0.7	0.9	13.25	233	0.16	0.01	0.2	3.2	160	4.0	1.9
N811877		0.12	0.9	0.028	2.13	18.8	14.9	0.93	691	1.89	2.09	9.7	4.5	500	16.7	72.4
N811878		0.13	0.7	0.032	2.07	16.1	14.1	0.94	800	1.59	1.94	9.1	4.1	500	15.0	74.6
N811879		0.15	0.9	0.028	2.22	21.0	14.1	0.90	695	1.34	1.96	9.9	3.6	440	10.9	115.5
N811880		0.14	0.9	0.027	2.25	22.3	17.4	0.83	592	22.0	2.06	8.6	3.7	470	14.6	83.2
N811881		0.16	0.9	0.030	2.33	23.6	18.3	0.90	619	24.5	2.11	9.1	4.1	470	14.8	91.6
N811882		0.14	0.8	0.021	2.42	17.9	17.3	0.88	1040	1.21	0.67	7.3	3.3	390	9.8	109.0
N811883		0.17	0.8	0.037	2.48	23.9	13.1	0.79	547	0.82	2.24	8.7	4.0	450	13.0	98.4
N811884		0.15	0.8	0.020	2.50	20.8	11.3	0.73	504	6.11	2.13	7.9	3.4	420	13.2	89.4

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193369\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: ROCKHAVEN RESOURCES LTD.  
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Plus Appendix Pages  
Finalized Date: 23-SEP-2012  
Account: ROCKHA

Project: Klaza - 104

**CERTIFICATE OF ANALYSIS WH12219375**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
N811849		<0.002	0.09	3.73	10.8	1	2.4	292	0.76	<0.05	11.2	0.269	1.17	3.3	75	2.6
N811850		<0.002	7.21	221	7.5	2	8.6	124.0	0.45	0.56	8.5	0.185	2.19	5.3	52	4.5
N811851		<0.002	0.07	3.07	10.2	1	2.4	360	0.63	<0.05	9.7	0.249	1.22	2.6	68	2.4
N811852		<0.002	0.36	6.82	11.4	1	1.6	329	0.69	0.06	8.2	0.288	1.53	3.4	84	3.8
N811853		<0.002	<0.01	0.07	0.3	1	<0.2	49.8	<0.05	<0.05	<0.2	0.005	0.02	0.6	3	0.1
N811854		<0.002	0.06	4.42	11.6	1	1.6	291	0.62	<0.05	8.6	0.292	1.12	2.3	93	6.4
N811855		<0.002	0.01	4.84	10.6	1	1.4	320	0.65	<0.05	7.1	0.286	0.94	2.5	91	2.5
N811856		<0.002	1.06	17.15	12.4	1	2.0	217	0.58	<0.05	9.4	0.288	2.63	5.1	92	2.7
N811857		<0.002	0.02	3.13	12.0	1	1.6	426	0.66	<0.05	7.6	0.306	0.96	2.3	93	3.1
N811858		<0.002	0.02	2.75	12.4	1	1.4	425	0.64	0.09	9.0	0.298	0.82	2.6	92	6.3
N811859		0.026	0.17	2.93	12.8	2	1.5	580	0.61	<0.05	8.4	0.305	0.66	2.4	97	4.1
N811860		<0.002	0.17	2.00	12.6	1	1.4	501	0.62	<0.05	8.0	0.299	0.67	2.4	93	2.8
N811861		<0.002	0.40	3.64	10.9	1	1.4	349	0.57	<0.05	7.7	0.278	1.36	2.7	92	2.4
N811862		<0.002	0.07	3.66	13.7	1	1.4	403	0.73	<0.05	8.4	0.365	0.80	2.5	123	5.3
N811863		<0.002	0.07	11.85	12.1	1	1.5	282	0.80	<0.05	8.3	0.317	0.92	2.3	93	3.7
N811864		<0.002	0.06	9.47	12.7	1	1.5	254	0.63	<0.05	7.9	0.327	1.54	2.7	108	4.3
N811865		<0.002	0.05	15.10	16.1	1	1.3	228	0.58	<0.05	10.9	0.382	2.11	2.9	131	6.8
N811866		<0.002	0.03	12.40	5.4	1	1.2	354	0.70	<0.05	8.1	0.279	1.59	3.3	43	2.2
N811867		<0.002	0.03	13.90	5.7	1	2.2	418	0.73	<0.05	8.7	0.283	1.87	3.5	43	3.1
N811868		<0.002	0.04	9.03	11.1	1	3.7	312	0.64	<0.05	8.0	0.276	1.99	2.9	87	3.3
N811869		0.008	0.04	6.70	10.9	1	1.5	355	0.79	<0.05	8.5	0.272	1.34	2.7	80	3.7
N811870		0.005	0.11	10.20	10.1	1	1.3	272	1.05	<0.05	12.1	0.250	1.92	6.9	74	4.0
N811871		<0.002	0.05	5.70	11.6	1	1.5	298	0.74	<0.05	8.8	0.295	1.50	2.5	92	2.7
N811872		<0.002	0.01	1.94	12.0	1	1.8	493	0.65	<0.05	8.9	0.313	0.75	2.2	96	3.0
N811873		0.002	3.13	33.8	9.6	1	6.0	155.0	0.64	0.26	11.0	0.214	2.50	5.0	58	5.2
N811874		0.008	0.12	1.70	12.5	1	2.0	724	0.66	<0.05	8.3	0.314	0.73	2.2	98	6.1
N811875		<0.002	0.05	2.68	12.5	1	2.0	659	0.67	0.05	8.5	0.305	0.71	2.2	97	4.3
N811876		<0.002	<0.01	0.08	0.4	1	<0.2	45.4	<0.05	<0.05	0.2	<0.005	<0.02	0.6	2	0.1
N811877		<0.002	0.04	2.03	9.9	1	1.9	425	0.86	<0.05	11.5	0.274	0.88	3.0	83	2.4
N811878		<0.002	0.05	1.73	9.4	1	2.0	405	0.79	<0.05	9.2	0.267	0.82	2.7	83	2.5
N811879		<0.002	0.02	1.95	9.1	1	1.5	282	0.91	<0.05	11.9	0.244	1.14	2.9	69	1.8
N811880		0.008	0.04	1.49	9.3	1	1.2	392	0.77	<0.05	12.2	0.255	0.75	2.6	74	2.7
N811881		0.008	0.04	1.65	9.9	2	1.3	393	0.75	<0.05	13.4	0.264	0.76	2.9	76	2.6
N811882		<0.002	0.10	8.67	8.1	1	1.1	178.0	0.61	<0.05	10.3	0.218	1.31	3.2	61	2.0
N811883		0.003	0.02	1.27	9.9	1	1.3	430	0.68	<0.05	12.9	0.259	0.74	3.5	72	1.6
N811884		0.002	0.03	1.00	8.5	1	1.3	394	0.64	<0.05	13.4	0.242	0.67	4.0	68	2.1

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193369\*\*

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 Finalized Date: 23-SEP-2012  
 Account: ROCKHA

Project: Klaza - 104

**CERTIFICATE OF ANALYSIS WH12219375**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
N811849		16.4	44	46.1		
N811850		10.0	>10000	30.6	123	1.625
N811851		13.9	56	41.3		
N811852		15.0	78	19.5		
N811853		1.0	15	0.6		
N811854		14.7	97	11.2		
N811855		14.6	92	10.7		
N811856		15.7	209	10.7		
N811857		15.8	90	11.4		
N811858		16.4	72	10.4		
N811859		18.4	60	10.8		
N811860		14.0	56	11.2		
N811861		15.5	70	11.0		
N811862		14.6	67	12.1		
N811863		12.9	74	11.2		
N811864		14.4	138	17.6		
N811865		17.3	103	28.0		
N811866		12.0	92	51.7		
N811867		13.7	88	56.1		
N811868		12.5	107	11.2		
N811869		12.3	65	13.2		
N811870		13.9	100	18.1		
N811871		12.8	102	14.8		
N811872		14.9	65	12.7		
N811873		13.4	3070	37.8		
N811874		16.2	57	10.7		
N811875		16.3	64	9.7		
N811876		1.0	18	0.5		
N811877		13.8	66	18.2		
N811878		13.9	63	15.4		
N811879		12.6	64	21.1		
N811880		12.4	54	20.4		
N811881		13.4	57	22.0		
N811882		10.7	53	19.0		
N811883		11.1	48	22.8		
N811884		10.1	44	20.2		

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193369\*\*

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Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12219375**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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Finalized Date: 20-SEP-2012  
This copy reported on  
21-SEP-2012  
Account: ROCKHA

**CERTIFICATE WH12219376**

Project: Klaza - 107

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193445\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
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Account: ROCKHA

Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12219376**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
N814632		12.85	6.78	2360	760	1.52	0.24	2.30	57.4	36.8	5.0	11	12.55	62.6	4.06
N814633		0.26	7.03	9.2	2390	1.36	0.94	2.74	0.31	49.0	6.7	16	18.70	16.2	2.91
N814634		25.9	5.86	3140	950	1.33	21.1	2.19	77.2	45.4	10.5	18	13.30	420	6.59
N814635		0.21	7.35	9.4	2180	1.45	0.64	2.68	0.23	51.1	6.8	16	16.00	9.0	2.87
N814636		0.51	7.13	117.5	1570	1.88	0.24	3.17	0.50	45.5	6.8	12	14.75	26.9	2.98
N814637		3.42	6.93	601	2350	1.68	0.22	3.00	3.17	45.1	6.9	12	16.85	54.9	2.58
N814638		0.09	0.07	<5	20	<0.05	0.03	20.5	0.08	1.13	0.6	<1	0.17	1.2	0.48
N814639		0.26	8.11	16.7	2130	1.47	0.43	1.90	0.12	50.3	6.6	11	17.60	132.0	3.65
N814640		0.30	7.87	255	1760	1.80	0.25	2.51	0.18	55.7	6.9	13	14.60	18.1	3.26
N814641		2.66	8.18	33.0	1960	1.53	3.94	1.57	0.19	53.5	7.7	15	13.60	1490	4.02
N814642		0.16	7.58	22.0	2400	1.94	0.40	2.08	0.06	53.5	23.4	15	14.05	10.9	3.49
N814643		0.62	7.00	9.1	1930	1.68	0.58	1.99	0.11	49.8	6.6	11	10.65	94.8	3.07
N814644		0.45	7.57	10.0	2090	1.73	0.63	2.14	0.12	52.4	7.4	11	12.20	61.6	3.35
N814645		16.65	6.06	1340	490	1.29	2.77	2.60	30.5	50.0	19.2	13	10.05	243	4.19
N814646		0.27	7.30	7.5	2070	1.80	0.38	2.59	0.12	52.3	7.4	12	15.70	73.7	2.80
N814647		0.23	7.25	10.2	2280	1.63	0.37	2.67	0.56	49.1	6.6	13	14.45	30.9	2.87
N814648		0.16	7.02	10.0	2240	1.76	0.43	2.53	0.10	50.4	8.4	11	15.25	14.4	2.82
N814649		0.12	6.61	7.6	2390	1.52	0.37	3.03	0.11	41.5	7.2	12	24.5	12.1	3.03
N814650		2.85	7.23	600	2190	1.67	0.49	2.29	5.20	44.8	10.9	9	21.4	19.3	3.15
N814651		0.45	7.38	6.4	2260	1.69	0.78	2.71	0.11	48.4	7.0	13	17.30	18.1	2.95
N814652		0.14	7.51	5.6	2250	1.58	0.42	2.80	0.11	46.3	6.9	9	17.25	11.6	3.02
N814653		0.16	7.24	16.6	2260	1.69	0.71	2.43	0.12	44.0	11.6	10	19.00	22.4	3.36
N814654		0.16	7.64	35.5	2330	1.66	0.47	2.76	0.12	50.7	9.5	13	11.05	14.1	3.42
N814655		10.35	7.06	1760	880	1.55	7.38	2.02	43.0	49.6	17.1	20	15.70	107.5	5.59
N814656		0.51	7.38	18.9	2400	1.67	0.50	2.68	1.77	46.7	13.4	11	13.85	17.2	3.23
N814657		0.13	6.33	7.2	1870	1.64	0.17	3.40	0.12	40.1	6.9	12	15.85	10.5	2.88
N814658		0.22	7.57	8.1	2190	1.72	0.35	2.73	0.18	52.1	6.9	11	13.35	16.4	2.96
N814659		0.77	6.99	12.5	2120	1.59	0.46	3.00	0.45	44.1	6.3	12	12.50	28.0	3.00
N814660		0.02	0.07	<5	20	0.07	0.03	20.9	0.06	1.58	0.6	<1	0.15	1.5	0.46
N814661		0.16	6.94	10.5	1280	1.29	0.33	2.91	0.16	43.1	6.6	13	11.25	10.3	2.61
N814662		0.14	7.31	4.9	2420	1.71	0.20	2.75	0.19	47.1	7.3	11	14.85	13.4	2.97
N814663		1.44	6.93	13.8	2000	1.64	0.33	3.12	1.54	42.4	7.6	12	13.75	202	3.21
N814664		0.27	7.10	6.8	2240	1.50	0.22	2.71	0.59	47.0	6.7	13	12.85	23.7	2.84
N814665		0.19	7.35	8.0	2340	1.89	0.23	3.25	0.17	46.9	8.3	20	16.30	13.6	3.12
N814666		0.16	7.75	7.1	2340	1.44	0.24	2.67	0.19	49.1	7.1	13	10.10	14.4	2.99
N814667		2.15	7.24	26.2	2020	1.49	0.26	3.05	17.80	48.4	6.5	15	13.40	200	3.28

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193445\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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Plus Appendix Pages  
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Account: ROCKHA

Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12219376**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5
N814632		0.14	1.0	0.170	3.21	16.7	22.2	0.67	5070	7.66	0.11	6.2	2.5	470	1100
N814633		0.17	1.2	0.047	2.99	21.0	11.1	0.70	745	3.42	1.96	7.7	2.9	570	28.8
N814634		0.16	0.8	1.715	2.55	22.7	22.7	0.88	1800	12.60	0.04	5.6	15.2	430	2770
N814635		0.18	1.1	0.043	2.82	22.9	22.6	0.75	660	2.20	1.91	7.9	2.8	570	21.7
N814636		0.16	1.1	0.059	2.77	20.2	41.9	0.86	1360	1.96	0.88	7.6	2.7	580	22.3
N814637		0.17	1.1	0.042	1.91	20.8	67.3	0.88	2990	2.12	0.04	7.2	2.5	520	58.4
N814638		0.19	<0.1	0.005	0.03	0.5	1.1	12.95	214	0.24	<0.01	0.2	2.1	180	1.3
N814639		0.14	1.2	0.099	3.19	22.3	30.2	0.74	1300	1.35	0.27	8.0	2.7	630	15.6
N814640		0.18	1.3	0.055	2.93	25.5	17.2	0.69	2670	1.57	1.45	8.2	2.8	640	19.4
N814641		0.15	1.0	0.279	3.33	25.0	26.6	0.72	1180	1.41	0.45	7.6	2.8	580	17.8
N814642		0.16	1.2	0.124	2.89	25.1	17.2	0.77	689	1.43	1.63	8.2	2.9	600	14.7
N814643		0.15	1.2	0.072	2.93	22.7	14.0	0.72	509	1.17	1.74	7.5	2.5	550	16.9
N814644		0.16	1.3	0.081	3.18	24.9	15.8	0.77	552	1.61	1.86	8.7	2.8	590	18.4
N814645		0.18	1.0	0.186	2.96	25.1	25.2	0.79	4630	1.89	0.04	6.0	2.7	450	1135
N814646		0.17	1.2	0.047	2.92	23.0	14.1	0.68	637	2.04	2.15	8.3	3.3	550	18.6
N814647		0.17	1.2	0.042	2.90	22.3	16.0	0.73	749	1.58	1.58	7.5	2.5	550	49.2
N814648		0.20	1.2	0.040	2.80	22.4	19.1	0.72	613	1.60	1.82	8.2	2.8	540	18.5
N814649		0.16	1.1	0.054	2.97	18.1	64.5	0.81	794	1.42	1.07	7.4	2.6	560	17.6
N814650		0.15	1.2	0.065	3.27	19.8	119.5	0.73	2280	2.22	0.13	7.7	2.8	580	282
N814651		0.14	1.1	0.040	2.85	20.9	17.3	0.75	597	1.35	2.17	7.9	2.7	590	19.5
N814652		0.17	1.2	0.042	2.81	21.2	16.8	0.78	614	1.32	2.16	7.7	2.6	600	19.3
N814653		0.14	1.1	0.081	3.36	20.3	38.9	0.73	777	1.30	1.14	7.9	2.6	560	15.4
N814654		0.16	1.2	0.047	2.89	22.5	14.2	0.79	777	1.38	2.08	7.6	2.6	600	20.7
N814655		0.15	1.3	0.929	2.97	23.2	24.3	0.74	2030	12.15	0.28	7.3	15.9	510	1450
N814656		0.17	1.2	0.098	2.98	20.8	14.0	0.71	980	1.19	1.88	8.1	2.8	610	206
N814657		0.14	1.2	0.034	2.41	17.5	18.7	0.79	808	1.24	1.67	7.5	2.4	560	27.4
N814658		0.18	1.4	0.042	2.88	24.1	16.2	0.72	676	1.26	2.23	7.9	2.5	580	125.0
N814659		0.15	1.2	0.056	3.01	19.7	16.8	0.77	893	1.55	1.61	7.5	2.5	530	312
N814660		0.14	<0.1	<0.005	0.03	0.8	1.1	13.20	195	0.28	0.01	0.2	1.9	310	1.5
N814661		0.20	1.3	0.036	2.56	19.8	36.9	0.93	813	1.18	0.44	7.5	2.4	540	21.4
N814662		0.21	1.3	0.040	2.75	20.0	16.4	0.74	665	1.71	2.27	8.1	2.7	600	25.5
N814663		0.14	1.1	0.074	2.92	18.5	14.3	0.79	1210	1.90	1.70	7.3	2.9	560	362
N814664		0.14	1.3	0.041	2.77	21.1	17.9	0.68	695	1.95	2.11	7.8	2.6	570	64.6
N814665		0.17	1.9	0.039	2.69	20.1	31.5	0.96	686	2.45	2.18	8.8	5.9	830	25.4
N814666		0.15	1.0	0.034	2.77	21.1	17.9	0.87	678	2.04	2.40	7.7	2.9	600	25.6
N814667		0.15	1.2	0.163	2.77	20.5	23.6	0.86	1040	3.38	1.82	8.0	2.9	650	726

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193445\*\*

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Account: ROCKHA

Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12219376**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
N814632		0.003	2.47	92.3	8.4	1	4.1	100.0	0.47	0.05	10.3	0.215	2.90	5.5	57	5.2
N814633		<0.002	0.04	3.44	10.2	1	2.2	341	0.56	<0.05	11.8	0.247	1.62	4.3	64	2.0
N814634		0.002	4.66	94.0	8.5	1	7.9	87.5	0.41	0.40	10.6	0.176	2.38	5.6	52	4.9
N814635		<0.002	0.02	5.36	11.1	1	2.2	334	0.57	<0.05	12.4	0.251	1.45	4.0	66	2.0
N814636		0.002	0.20	32.5	10.6	1	4.0	236	0.60	<0.05	10.9	0.257	1.81	5.3	71	3.5
N814637		0.002	0.84	73.8	9.7	1	7.8	228	0.55	<0.05	11.2	0.242	2.07	4.6	62	5.3
N814638		<0.002	<0.01	0.22	0.3	<1	0.3	39.2	<0.05	<0.05	<0.2	<0.005	0.03	0.5	2	0.1
N814639		<0.002	0.12	14.15	12.7	1	4.9	117.0	0.58	<0.05	13.6	0.280	1.81	6.7	76	4.2
N814640		0.004	0.55	20.6	12.6	1	2.8	279	0.61	<0.05	13.7	0.281	1.65	3.8	73	2.6
N814641		<0.002	0.23	34.9	12.0	1	3.7	115.0	0.54	0.05	15.7	0.264	1.97	5.2	69	5.8
N814642		0.003	0.15	5.57	11.3	2	9.6	271	0.64	<0.05	14.7	0.263	1.51	4.1	69	3.0
N814643		0.003	0.04	6.73	9.8	1	2.4	276	0.62	<0.05	13.4	0.248	1.48	3.8	65	2.7
N814644		0.002	0.03	6.88	11.4	1	2.6	297	0.66	<0.05	14.2	0.269	1.60	4.3	71	2.8
N814645		<0.002	2.72	184.5	9.0	1	3.7	73.5	0.49	0.08	14.0	0.194	2.44	7.1	52	6.6
N814646		0.002	0.03	5.73	10.5	1	2.2	350	0.63	<0.05	12.5	0.247	1.50	4.4	65	3.7
N814647		0.003	0.06	7.08	9.8	<1	2.0	274	0.63	<0.05	12.5	0.249	1.43	4.4	64	2.6
N814648		<0.002	0.07	4.93	10.7	1	2.2	310	0.63	<0.05	12.7	0.246	1.43	3.9	63	2.7
N814649		<0.002	0.03	12.45	9.5	1	2.0	267	0.59	<0.05	9.9	0.244	1.61	3.7	64	3.0
N814650		0.003	0.58	40.9	11.0	1	2.8	155.0	0.59	<0.05	11.1	0.260	2.10	6.3	70	3.0
N814651		<0.002	0.02	3.48	10.5	1	2.2	376	0.55	<0.05	11.3	0.261	1.30	3.3	67	0.8
N814652		0.002	0.01	3.61	10.5	1	2.1	378	0.60	<0.05	11.8	0.260	1.32	3.6	68	0.8
N814653		0.004	0.09	8.28	10.7	1	2.6	238	0.59	<0.05	11.1	0.256	1.84	3.6	67	7.0
N814654		<0.002	0.40	3.71	10.9	1	2.2	354	0.58	<0.05	12.0	0.262	1.36	3.8	69	3.2
N814655		0.005	3.21	33.9	9.8	1	6.1	154.5	0.56	0.30	12.2	0.216	2.49	5.7	58	5.2
N814656		0.002	0.16	5.80	10.9	<1	2.4	311	0.60	0.05	11.4	0.265	1.64	4.2	71	2.5
N814657		0.003	0.02	5.25	9.5	1	2.2	309	0.60	<0.05	9.6	0.251	1.14	3.8	66	1.8
N814658		0.003	0.06	2.68	10.4	1	2.0	363	0.65	<0.05	12.8	0.255	1.34	4.2	65	3.1
N814659		<0.002	0.13	6.18	9.5	1	1.9	285	0.62	<0.05	10.9	0.240	1.57	4.2	61	3.1
N814660		0.002	<0.01	0.08	0.2	<1	0.3	48.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	2	0.1
N814661		0.002	0.13	11.75	9.3	1	1.7	143.5	0.64	<0.05	11.3	0.243	1.48	5.2	62	2.6
N814662		<0.002	0.02	2.83	10.5	1	1.9	378	0.66	<0.05	10.9	0.268	1.22	3.8	72	4.1
N814663		<0.002	0.21	11.75	9.5	1	1.8	277	0.60	<0.05	9.7	0.243	1.57	4.1	65	3.9
N814664		0.002	0.03	3.70	9.8	1	1.8	340	0.64	<0.05	11.1	0.257	1.18	4.0	67	3.9
N814665		<0.002	0.02	2.13	9.9	1	1.9	459	0.67	0.06	9.1	0.307	1.22	3.3	73	1.7
N814666		0.003	0.01	2.00	10.0	1	1.9	423	0.57	<0.05	13.3	0.262	1.12	4.1	67	2.2
N814667		0.003	0.37	20.1	10.8	1	2.1	316	0.64	<0.05	12.3	0.281	1.52	3.7	76	3.2

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193445\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 Plus Appendix Pages  
 Finalized Date: 20-SEP-2012  
 Account: ROCKHA

Project: Klaza - 107

**CERTIFICATE OF ANALYSIS WH12219376**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
N814632		9.6	3360	24.8
N814633		14.2	63	30.3
N814634		9.3	5180	23.6
N814635		15.9	52	28.9
N814636		15.3	73	29.9
N814637		13.4	234	29.0
N814638		0.7	15	<0.5
N814639		16.2	58	30.2
N814640		15.7	56	31.8
N814641		14.0	67	27.2
N814642		15.0	51	30.0
N814643		13.2	44	27.5
N814644		15.3	47	31.1
N814645		12.3	2350	24.3
N814646		15.5	47	32.6
N814647		14.6	92	30.2
N814648		15.1	44	33.6
N814649		13.9	49	29.4
N814650		13.6	399	30.8
N814651		14.4	45	29.1
N814652		14.7	45	29.1
N814653		13.8	45	29.3
N814654		15.0	47	30.6
N814655		11.3	3090	36.4
N814656		14.6	213	32.7
N814657		13.9	52	31.0
N814658		15.7	56	34.6
N814659		13.6	80	30.8
N814660		0.8	15	<0.5
N814661		14.1	49	32.4
N814662		14.8	60	32.6
N814663		14.9	205	29.1
N814664		14.2	101	33.0
N814665		14.2	64	64.4
N814666		16.3	57	29.7
N814667		15.9	2130	32.6

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12193445\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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**CERTIFICATE OF ANALYSIS WH12219376**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12219450**

Project: Klaza-130

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: ROCKHAVEN RESOURCES LTD.  
ATTN: JOAN MARIACHER  
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 2-OCT-2012  
Account: ROCKHA

Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219450**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356073		4.16	0.052	0.56	7.26	60.5	1640	1.69	0.79	2.89	0.64	45.3	6.5	9	19.50	90.9
M356074		4.47	0.032	0.65	6.95	37.0	1310	1.49	0.79	2.38	1.92	48.8	7.0	9	15.25	91.0
M356075		3.94	0.020	0.54	6.83	25.8	1290	1.30	0.70	2.73	0.90	43.3	8.1	9	14.00	154.0
M356076		3.04	0.038	0.67	6.76	39.8	1130	1.33	0.90	2.61	0.85	48.3	8.7	9	15.20	179.5
M356077		8.59	<0.005	0.17	7.06	17.0	1290	1.86	0.25	2.45	0.97	60.0	4.6	12	20.8	6.5
M356078		<0.02	<0.005	0.18	6.88	15.6	1240	1.83	0.23	2.34	0.91	59.5	4.3	12	19.75	6.3
M356079		8.35	<0.005	0.16	7.16	10.6	1520	1.89	0.20	3.37	0.74	68.7	4.8	12	16.45	5.4
M356080		7.93	<0.005	0.15	7.41	10.6	820	2.06	0.12	3.30	2.61	60.6	5.6	13	19.40	18.4
M356081		0.26	2.29	25.3	5.88	3470	860	1.21	17.85	2.22	81.8	42.5	11.1	18	13.95	436
M356082		8.64	<0.005	0.14	7.40	15.5	1090	2.07	0.05	3.65	2.23	57.7	5.5	13	18.30	12.5
M356083		5.54	<0.005	0.13	7.30	18.9	1130	1.84	0.13	3.17	0.87	58.8	5.9	23	16.45	11.8
M356084		3.46	0.045	0.96	7.22	62.0	1950	1.75	1.84	2.58	1.67	42.3	8.3	15	16.50	191.0
M356085		4.99	0.026	0.40	7.31	21.3	1690	1.52	0.65	2.43	1.38	49.1	7.6	10	13.75	153.0
M356086		2.81	0.063	0.32	7.29	30.9	410	1.28	0.97	2.25	0.17	46.0	10.0	9	12.55	80.4
M356087		3.47	0.058	0.33	7.70	33.1	1170	1.42	0.92	2.52	0.39	51.4	12.6	9	16.40	100.5
M356088		7.40	0.037	0.27	7.47	57.5	1270	1.53	0.51	3.64	0.35	48.9	9.1	10	21.1	115.0
M356089		2.04	<0.005	0.01	0.07	6	30	0.06	0.03	20.9	0.06	1.33	1.1	<1	0.18	7.1
M356090		7.12	0.042	0.20	7.38	18.1	2080	1.48	0.73	2.51	0.25	51.4	8.7	11	13.05	125.5
M356091		4.21	0.024	0.26	7.57	16.6	1870	1.49	0.70	2.87	0.37	59.0	7.7	11	14.60	111.0
M356092		0.26	2.22	27.3	5.88	3510	300	1.23	18.15	2.23	83.6	42.5	11.2	17	14.05	445
M356093		3.78	0.072	0.57	7.60	37.9	930	1.49	0.98	2.71	0.53	55.0	22.4	10	15.55	238
M356094		4.16	0.352	0.55	7.65	23.2	1730	1.49	1.77	2.12	0.36	53.5	10.3	11	12.55	226
M356095		3.83	0.028	0.23	7.67	12.1	2490	1.44	0.65	2.60	0.17	53.2	6.9	11	10.60	112.5
M356096		4.15	0.244	1.58	7.30	59.9	440	1.42	3.11	2.57	6.54	50.6	8.8	10	15.65	210
M356097		3.57	<0.005	0.01	0.06	5	70	0.05	0.04	19.35	0.08	1.07	1.1	<1	0.13	2.2
M356098		4.21	0.075	0.39	7.64	27.9	1460	1.54	1.38	2.87	0.24	53.9	6.9	11	13.85	155.0
M356099		4.14	0.027	0.13	7.47	15.1	2120	1.36	0.22	2.36	0.21	46.5	6.0	10	12.15	66.7
M356100		4.72	0.071	0.26	7.36	47.6	1330	1.46	0.66	2.85	0.24	51.5	7.7	10	19.00	204
M356101		7.61	0.178	0.37	7.58	52.3	860	1.46	0.90	2.68	0.39	53.7	10.5	10	15.55	173.5
M356102		3.79	1.125	2.78	6.02	182.0	760	1.10	8.37	2.11	1.75	32.1	12.9	8	13.80	238
M356103		5.50	0.058	0.25	7.54	19.4	1900	1.27	0.91	2.63	0.26	49.4	7.3	9	14.65	124.5
M356104		6.12	0.101	0.40	6.96	20.1	2030	1.37	1.61	3.64	0.16	48.9	7.9	9	12.85	170.0
M356105		2.89	0.112	0.50	7.45	24.7	1930	1.43	2.06	3.41	0.20	52.2	8.5	8	13.70	189.0
M356106		6.55	0.631	4.75	7.28	66.3	810	1.40	9.94	2.27	3.63	51.8	8.1	11	15.20	399
M356107		4.14	0.156	1.01	7.42	40.4	410	1.38	1.77	2.15	6.95	48.2	8.5	10	12.50	111.5
M356108		2.89	0.058	0.74	7.74	57.3	760	1.63	1.10	2.55	1.46	52.5	8.0	10	18.15	152.5



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Finalized Date: 2-OCT-2012  
Account: ROCKHA

Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219450**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356073		3.03	16.75	0.07	0.9	0.081	2.86	22.5	60.3	0.88	421	1.52	0.06	7.1	2.7	660
M356074		3.40	16.00	0.08	0.8	0.067	2.71	24.5	28.5	0.82	376	0.93	0.74	6.1	2.7	590
M356075		3.17	15.75	0.06	0.7	0.019	2.66	21.1	30.9	0.76	273	1.21	1.35	5.6	2.7	600
M356076		3.15	16.00	0.11	0.7	0.031	2.71	25.3	29.7	0.76	250	2.60	0.72	5.5	2.8	570
M356077		2.33	18.45	0.13	2.6	0.032	3.10	29.6	35.5	0.87	579	1.38	0.06	11.7	3.0	910
M356078		2.25	17.50	0.11	2.5	0.029	2.97	31.0	32.8	0.84	558	1.28	0.06	10.7	3.0	870
M356079		2.45	18.60	0.14	2.5	0.027	2.80	35.9	38.1	0.86	618	1.15	0.17	11.1	3.0	880
M356080		2.54	19.15	0.17	1.9	0.028	2.97	31.0	21.4	1.12	551	1.16	0.14	9.6	5.0	850
M356081		6.68	14.85	0.16	0.9	1.815	2.66	22.4	22.9	0.89	1880	13.50	0.04	6.0	16.6	440
M356082		2.44	20.4	0.17	1.8	0.031	3.05	28.9	44.8	1.09	531	0.86	0.08	9.0	6.4	870
M356083		2.19	19.40	0.17	3.1	0.026	2.76	31.5	26.8	1.01	446	1.27	0.30	8.9	17.1	710
M356084		3.11	18.45	0.17	1.8	0.048	2.78	21.0	65.1	0.79	313	3.09	0.85	7.9	8.1	660
M356085		3.31	16.85	0.19	0.9	0.059	2.88	26.0	41.1	0.81	289	0.87	1.22	6.6	2.5	610
M356086		3.87	17.10	0.18	0.8	0.023	2.73	23.9	81.3	0.76	146	1.01	0.55	6.1	2.6	590
M356087		3.87	17.45	0.18	0.9	0.014	2.95	27.0	55.1	0.89	147	1.33	0.31	6.7	2.9	650
M356088		3.36	16.70	0.17	0.8	0.018	2.94	27.2	54.5	1.30	251	1.76	0.06	6.9	3.0	600
M356089		0.49	0.33	0.09	<0.1	<0.005	0.03	0.7	1.2	12.60	208	0.12	0.01	0.2	<0.2	170
M356090		3.45	17.10	0.16	0.8	0.033	2.66	27.4	40.7	0.79	192	2.29	1.42	7.4	2.5	630
M356091		3.23	17.15	0.18	0.9	0.026	2.65	32.9	30.3	0.92	220	19.95	1.49	7.7	2.3	610
M356092		6.71	15.10	0.17	0.9	1.865	2.69	22.2	22.3	0.89	1880	13.20	0.04	6.0	16.7	450
M356093		3.71	18.00	0.18	0.8	0.037	2.90	29.4	22.9	0.95	268	4.82	0.80	6.7	3.6	630
M356094		3.36	17.40	0.18	0.8	0.034	3.18	29.4	34.1	0.85	220	4.26	1.05	5.7	2.7	610
M356095		3.25	17.75	0.18	0.9	0.029	2.97	29.0	28.3	0.73	208	3.98	1.66	6.6	2.5	610
M356096		4.71	17.60	0.19	0.8	0.201	3.34	27.2	20.5	0.92	1040	3.19	0.10	5.5	3.0	610
M356097		0.44	0.29	0.10	<0.1	<0.005	0.04	0.5	1.0	11.65	182	0.23	0.01	0.2	<0.2	180
M356098		3.50	17.65	0.16	0.9	0.028	3.11	29.2	51.1	0.90	281	3.26	0.70	5.9	2.5	630
M356099		2.78	17.00	0.20	0.9	0.019	2.67	25.4	28.0	0.65	176	2.41	1.47	7.2	2.2	550
M356100		3.35	16.65	0.19	0.9	0.020	2.62	28.6	40.1	0.94	164	2.86	0.66	6.6	2.5	580
M356101		3.66	18.10	0.18	0.9	0.028	2.89	28.8	52.9	0.87	214	1.27	0.38	6.5	3.1	650
M356102		8.68	15.15	0.19	0.8	0.196	2.71	16.6	25.2	0.72	535	2.24	0.05	3.4	2.1	460
M356103		3.15	17.00	0.16	1.0	0.048	2.99	25.9	24.4	0.68	231	0.81	0.57	7.1	2.4	600
M356104		3.25	16.40	0.19	0.9	0.033	2.68	26.9	23.5	0.70	200	1.01	0.81	6.4	2.4	580
M356105		3.54	17.20	0.18	1.0	0.044	2.84	28.6	27.7	0.76	211	0.80	0.92	6.7	2.4	610
M356106		3.84	16.95	0.18	1.0	0.121	3.07	29.0	20.5	0.75	290	0.76	0.96	6.2	2.7	580
M356107		4.38	17.25	0.17	0.9	0.051	3.33	25.2	18.4	0.94	171	1.45	0.08	5.1	2.9	610
M356108		3.38	17.20	0.18	0.9	0.043	3.40	28.7	17.3	0.94	496	2.66	0.36	5.6	2.7	610



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Finalized Date: 2-OCT-2012  
Account: ROCKHA

Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219450**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356073		41.4	115.0	0.002	0.89	8.89	12.4	1	2.9	256	0.57	0.08	12.7	0.259	1.82	3.2
M356074		136.0	124.0	0.003	1.62	7.89	11.5	1	3.3	314	0.51	0.12	12.5	0.227	1.69	4.0
M356075		32.5	114.5	0.003	1.79	3.12	10.8	2	2.8	514	0.45	0.24	12.0	0.223	1.55	3.9
M356076		47.1	127.5	0.003	1.83	14.50	11.2	1	3.4	402	0.43	0.25	11.8	0.208	1.67	3.6
M356077		35.3	105.5	0.005	0.07	6.87	6.3	1	1.6	337	0.81	<0.05	9.9	0.262	1.77	4.4
M356078		32.6	101.0	0.003	0.06	6.25	6.1	<1	1.5	321	0.77	<0.05	10.2	0.250	1.66	4.0
M356079		33.3	102.5	<0.002	0.04	8.93	6.5	1	1.5	433	0.85	<0.05	10.4	0.249	1.52	3.3
M356080		89.4	115.0	<0.002	0.07	5.91	6.5	1	2.4	286	0.75	<0.05	9.7	0.274	1.53	4.5
M356081		2850	167.0	0.002	4.80	93.6	8.5	2	8.5	92.7	0.50	0.45	10.4	0.184	2.40	5.0
M356082		52.4	104.0	<0.002	0.08	4.30	6.7	1	2.2	320	0.75	<0.05	9.4	0.281	1.56	4.8
M356083		29.9	113.0	<0.002	0.07	5.40	6.5	1	1.8	317	0.74	<0.05	10.8	0.263	1.45	4.3
M356084		51.6	117.0	<0.002	1.38	15.15	10.4	2	3.3	417	0.71	0.11	11.8	0.250	1.65	6.8
M356085		45.4	140.0	<0.002	1.53	13.80	11.2	2	3.9	405	0.59	0.13	12.8	0.234	1.88	4.4
M356086		24.9	116.5	<0.002	2.62	9.19	10.9	2	4.5	304	0.50	0.17	11.6	0.215	1.59	3.9
M356087		36.4	139.5	<0.002	2.54	5.27	12.5	3	4.6	279	0.56	0.21	12.8	0.231	1.83	4.8
M356088		20.7	121.0	<0.002	1.45	8.53	10.9	2	3.4	196.5	0.59	0.13	12.1	0.245	1.88	3.4
M356089		1.6	1.4	<0.002	<0.01	<0.05	0.2	1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M356090		18.6	111.0	<0.002	1.12	4.64	12.2	2	3.2	370	0.62	0.23	11.6	0.258	1.36	3.8
M356091		28.7	129.5	<0.002	0.84	4.20	11.7	2	3.7	374	0.63	0.18	15.0	0.253	1.55	6.0
M356092		2870	167.5	0.002	4.82	98.7	8.5	2	9.0	91.5	0.50	0.43	10.4	0.185	2.46	5.0
M356093		48.7	178.5	<0.002	1.73	9.18	11.3	2	5.2	220	0.57	0.29	13.8	0.237	2.26	5.1
M356094		24.3	170.5	<0.002	1.58	6.46	11.3	2	5.3	262	0.51	0.20	14.2	0.214	2.08	5.0
M356095		18.8	134.0	<0.002	0.98	2.38	11.3	2	3.1	447	0.56	0.15	12.8	0.234	1.56	4.0
M356096		74.5	171.0	<0.002	3.51	5.29	11.1	2	7.1	126.0	0.46	0.27	12.4	0.208	2.23	4.3
M356097		1.6	1.2	<0.002	0.01	<0.05	0.2	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M356098		19.6	142.0	<0.002	1.52	5.76	11.6	2	3.7	298	0.52	0.15	13.2	0.237	1.83	4.6
M356099		18.6	109.5	<0.002	0.36	3.16	10.4	2	2.3	367	0.66	0.07	12.6	0.239	1.29	4.0
M356100		26.0	130.5	<0.002	1.53	7.86	11.0	2	2.7	300	0.60	0.23	14.5	0.226	1.62	5.1
M356101		22.7	145.0	<0.002	1.95	7.30	12.0	2	5.5	231	0.54	0.28	13.1	0.234	1.85	4.2
M356102		95.1	146.0	<0.002	8.83	7.31	9.1	4	9.4	103.5	0.30	0.82	9.7	0.141	1.69	4.9
M356103		18.0	121.0	<0.002	0.86	2.66	10.9	2	2.8	257	0.66	0.21	14.0	0.240	1.61	4.0
M356104		24.3	118.5	<0.002	1.21	2.58	10.6	2	3.9	332	0.56	0.26	12.8	0.222	1.44	4.0
M356105		25.7	133.5	<0.002	1.48	3.33	10.9	2	4.7	321	0.57	0.27	13.3	0.229	1.44	4.3
M356106		239	147.0	<0.002	2.23	9.39	10.5	2	5.2	266	0.52	0.36	13.5	0.216	1.78	4.1
M356107		192.0	136.0	<0.002	3.65	6.12	11.0	3	6.3	117.0	0.43	0.33	12.7	0.196	1.88	4.5
M356108		68.5	158.0	<0.002	2.15	10.35	10.8	2	3.4	204	0.47	0.25	13.9	0.209	2.20	5.0





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 Plus Appendix Pages  
 Finalized Date: 2-OCT-2012  
 Account: ROCKHA

Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219450**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M356073		71	2.3	13.8	96	20.9
M356074		66	2.4	13.2	184	17.9
M356075		66	3.2	11.1	92	15.1
M356076		62	5.1	12.4	88	15.9
M356077		49	1.7	12.2	127	84.8
M356078		47	1.6	11.9	123	76.6
M356079		50	1.2	12.3	125	82.9
M356080		52	1.2	12.7	208	57.1
M356081		59	5.1	10.1	5460	25.5
M356082		53	1.3	12.6	176	50.2
M356083		50	1.1	11.9	98	110.5
M356084		69	2.0	12.2	142	55.7
M356085		72	2.8	12.6	121	20.2
M356086		70	2.8	11.7	32	20.3
M356087		76	3.5	13.9	41	20.6
M356088		72	2.4	12.4	55	19.8
M356089		2	0.1	0.8	16	<0.5
M356090		74	2.1	12.9	28	19.3
M356091		72	1.5	14.4	43	20.8
M356092		59	5.0	10.4	5600	24.6
M356093		72	2.8	14.3	65	19.9
M356094		75	3.5	12.5	51	19.7
M356095		73	1.5	12.3	50	21.5
M356096		72	4.1	11.8	516	19.5
M356097		2	0.1	0.7	17	<0.5
M356098		76	2.2	12.2	57	19.9
M356099		66	0.8	12.2	31	19.9
M356100		68	2.2	13.4	40	20.5
M356101		74	3.7	13.1	52	20.2
M356102		62	5.7	9.5	92	18.4
M356103		71	1.8	12.5	38	22.8
M356104		68	2.5	12.0	31	20.7
M356105		71	2.7	13.1	36	23.3
M356106		68	2.8	11.9	288	22.8
M356107		72	3.7	10.7	483	22.5
M356108		72	2.5	11.5	113	22.8



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Project: Klaza-130

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**CERTIFICATE OF ANALYSIS WH12219450**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12219451**

Project: Klaza-130

P.O. No.: Batch 7

This report is for 29 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219451**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356109		5.47	0.315	2.85	6.88	83.4	1010	1.34	8.08	1.92	1.51	54.8	8.7	9	10.50	789
M356110		3.12	0.119	1.01	7.39	70.3	370	1.58	2.09	1.96	2.94	50.9	7.6	9	11.30	172.5
M356111		5.43	0.012	0.31	6.79	26.7	2140	2.06	0.25	2.83	0.70	58.4	6.3	21	9.80	101.0
M356112		8.84	<0.005	0.13	7.03	21.2	1030	2.26	0.09	2.81	0.58	62.4	6.0	20	9.70	11.2
M356113		0.25	2.18	24.7	6.07	3350	1040	1.29	19.20	2.24	77.9	45.2	9.7	19	13.75	447
M356114		8.78	<0.005	0.21	6.90	21.1	1500	2.18	0.18	2.79	0.47	57.0	5.9	21	10.10	13.1
M356115		4.12	0.084	0.76	7.20	71.8	590	1.69	1.24	1.76	0.49	51.6	9.2	7	13.80	221
M356116		6.13	0.051	0.51	7.29	32.2	470	1.71	0.84	2.08	0.35	50.0	6.9	9	14.00	123.5
M356117		2.48	0.386	52.6	5.99	185.0	490	1.40	6.85	2.89	126.5	40.8	5.8	7	10.50	377
M356118		1.93	<0.005	0.16	0.07	<5	30	<0.05	0.04	20.8	0.38	1.32	1.3	<1	0.14	3.4
M356119		4.93	0.049	0.83	6.81	51.7	600	1.30	0.76	3.05	1.10	46.1	6.8	8	15.90	91.7
M356120		2.21	0.037	0.45	6.91	41.4	1840	1.57	0.47	2.64	0.33	44.0	6.5	8	16.45	82.9
M356121		4.71	0.053	0.62	6.91	34.0	670	1.62	1.06	2.32	2.93	46.4	15.5	8	14.95	85.0
M356122		4.87	0.046	0.49	7.18	29.0	1350	1.54	0.58	2.92	0.56	56.3	7.3	9	17.15	92.3
M356123		3.96	0.771	12.00	7.06	184.5	500	1.65	12.70	1.01	5.63	48.0	7.1	8	10.60	1145
M356124		4.15	0.575	2.26	7.47	63.4	380	1.56	3.94	2.14	15.15	52.1	6.9	11	12.75	173.5
M356125		1.88	<0.005	0.11	0.07	<5	20	0.07	0.04	21.0	0.10	1.25	0.5	<1	0.20	3.1
M356126		6.56	0.082	0.38	7.50	18.5	630	1.69	1.25	2.58	0.46	47.2	13.4	9	10.95	129.5
M356127		6.32	0.178	0.37	7.33	20.9	1570	1.45	0.91	2.95	0.35	44.4	6.8	8	12.85	122.0
M356128		3.51	0.034	0.31	7.51	13.7	1880	1.65	0.57	2.62	0.20	41.9	7.4	8	10.45	142.5
M356129		4.56	0.076	0.58	7.53	26.1	1870	1.63	0.87	2.99	0.33	44.4	8.5	9	14.65	158.5
M356130		7.05	<0.005	0.09	7.25	6.5	1340	1.98	0.09	2.96	0.19	48.9	3.6	5	17.90	5.2
M356131		7.36	<0.005	0.03	7.25	5.3	1110	1.96	0.11	3.24	0.17	48.1	3.8	5	18.35	6.0
M356132		<0.02	<0.005	0.04	7.09	5.3	1070	1.92	0.09	3.05	0.15	44.1	3.4	5	16.75	4.2
M356133		3.44	0.007	0.21	7.40	12.6	1390	2.07	0.11	2.95	0.22	47.8	5.3	5	17.55	17.2
M356134		4.89	0.186	7.94	7.64	78.2	390	1.68	7.98	2.27	24.8	47.4	6.7	7	13.05	197.5
M356135		1.85	0.212	12.25	7.75	111.5	330	1.44	10.40	1.94	38.8	49.5	8.7	8	12.50	232
M356136		4.79	0.159	0.48	7.32	14.8	1940	1.64	0.85	2.27	0.31	46.6	7.7	9	10.90	176.0
M356137		2.34	0.645	1.66	7.24	40.1	450	1.38	2.00	2.17	0.49	48.9	7.6	9	10.10	301



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Project: Klaza-130

**CERTIFICATE OF ANALYSIS WH12219451**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356109		5.56	15.45	0.16	0.9	0.185	2.91	27.7	20.8	0.74	536	1.14	0.31	4.8	2.8	520
M356110		3.97	17.10	0.14	0.9	0.072	3.14	25.4	34.4	0.76	298	1.33	0.26	6.3	3.2	580
M356111		2.38	19.10	0.13	4.5	0.062	2.36	27.9	19.4	0.89	504	1.98	1.37	10.8	8.2	1090
M356112		2.22	19.50	0.13	4.3	0.024	2.40	30.3	28.4	0.86	458	1.56	0.96	10.7	8.0	1040
M356113		6.71	13.65	0.17	1.0	1.685	2.69	23.8	21.3	0.93	1900	13.65	0.04	6.3	14.7	450
M356114		2.18	18.95	0.12	4.4	0.027	2.43	26.7	36.6	0.83	475	2.03	0.61	10.7	7.9	1130
M356115		3.19	16.35	0.13	1.0	0.069	2.77	26.8	57.7	0.69	363	3.67	0.06	6.4	3.2	610
M356116		3.14	16.35	0.15	0.9	0.023	2.92	25.0	22.0	0.78	413	1.37	0.64	6.8	3.0	560
M356117		7.02	15.35	0.19	0.7	6.61	2.53	21.7	15.2	1.02	1420	1.10	0.22	5.1	2.4	460
M356118		0.48	0.29	0.06	<0.1	0.021	0.03	0.6	0.8	12.35	209	0.08	0.01	0.3	2.8	160
M356119		3.40	15.45	0.13	1.0	0.055	3.04	22.7	20.9	0.88	834	0.85	0.23	7.7	2.5	590
M356120		2.82	15.95	0.12	0.9	0.033	3.25	21.2	26.8	0.69	881	1.08	0.32	7.4	2.6	570
M356121		3.66	16.20	0.13	0.9	0.079	2.94	23.1	22.0	0.74	521	2.85	0.40	7.0	3.1	540
M356122		3.15	16.05	0.14	0.9	0.035	2.98	29.1	15.0	1.03	672	2.91	0.07	7.1	2.9	570
M356123		5.61	19.20	0.17	0.9	0.321	3.37	24.1	10.4	0.60	819	2.52	0.04	5.6	2.7	510
M356124		4.33	16.55	0.17	1.0	0.172	3.06	25.7	19.0	0.72	548	4.52	0.35	5.9	5.3	590
M356125		0.46	0.21	0.13	<0.1	0.006	0.03	0.6	0.9	12.30	205	0.11	<0.01	0.1	1.4	170
M356126		3.91	15.80	0.21	0.8	0.026	2.75	22.3	28.9	0.85	234	3.06	1.36	6.2	2.7	580
M356127		3.22	15.95	0.19	1.0	0.037	2.83	20.3	37.4	0.80	287	2.42	0.32	6.7	2.4	570
M356128		3.10	16.45	0.18	1.3	0.017	2.46	20.1	26.4	0.78	179	4.74	1.87	7.3	2.7	580
M356129		3.50	16.05	0.18	1.1	0.029	2.39	20.7	53.2	0.92	271	5.96	1.22	6.9	2.7	600
M356130		2.51	17.95	0.22	2.3	0.034	2.35	21.5	57.6	0.73	425	1.42	0.56	8.7	1.8	840
M356131		2.53	18.85	0.19	2.1	0.033	2.48	21.0	51.3	0.71	470	1.09	1.16	9.0	1.9	830
M356132		2.47	17.10	0.19	2.1	0.024	2.35	19.6	47.2	0.69	443	0.96	1.15	8.4	1.7	800
M356133		2.59	18.45	0.19	2.2	0.034	2.58	20.7	32.2	0.71	462	4.94	0.89	8.9	2.5	860
M356134		4.03	15.95	0.22	1.0	0.293	2.96	23.9	39.6	0.83	728	3.39	0.65	5.8	2.6	610
M356135		4.24	16.60	0.23	1.0	0.446	3.01	24.8	36.8	0.78	584	2.49	0.62	5.8	2.6	600
M356136		3.21	16.15	0.16	1.0	0.022	2.41	21.3	31.8	0.84	172	2.52	1.55	6.7	2.6	600
M356137		3.68	16.50	0.20	1.0	0.034	3.02	23.5	37.2	0.85	242	1.92	0.59	4.2	3.0	570



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**CERTIFICATE OF ANALYSIS WH12219451**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356109		70.3	143.0	<0.002	4.94	8.37	9.6	3	7.1	170.5	0.36	0.45	11.6	0.174	1.58	3.6
M356110		101.0	144.0	<0.002	2.91	10.80	10.8	2	5.9	175.0	0.46	0.28	12.9	0.206	1.77	4.3
M356111		32.3	71.1	<0.002	0.27	18.90	5.3	1	1.7	479	0.72	<0.05	8.2	0.298	0.90	3.7
M356112		33.9	73.1	<0.002	0.06	25.0	5.1	1	1.6	442	0.72	<0.05	9.3	0.299	0.90	3.9
M356113		2900	155.5	<0.002	4.82	90.2	7.8	2	7.9	88.4	0.48	0.36	9.9	0.180	2.21	5.0
M356114		27.2	64.2	<0.002	0.12	16.45	5.3	1	1.5	441	0.70	<0.05	7.9	0.311	0.92	3.7
M356115		20.5	117.0	<0.002	1.86	15.75	10.4	2	3.9	166.0	0.49	0.17	12.4	0.206	1.77	3.8
M356116		20.9	126.5	<0.002	2.02	8.94	10.7	2	3.0	290	0.53	0.25	12.1	0.214	1.90	6.0
M356117		>10000	99.1	<0.002	7.78	43.5	7.8	3	23.9	186.5	0.38	0.22	9.5	0.179	1.78	3.2
M356118		81.2	1.3	<0.002	0.02	0.15	0.2	1	0.2	44.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M356119		50.8	108.0	<0.002	2.22	6.99	9.2	2	4.1	195.0	0.59	0.14	12.6	0.238	1.96	4.6
M356120		44.4	116.5	<0.002	1.53	5.86	9.6	2	3.1	222	0.56	0.13	11.7	0.230	2.08	4.3
M356121		115.0	120.0	<0.002	2.45	4.97	10.0	2	4.0	203	0.55	0.16	11.6	0.213	1.96	4.3
M356122		30.6	136.0	<0.002	1.81	5.99	10.6	2	3.2	140.5	0.55	0.12	13.3	0.209	2.10	5.0
M356123		430	190.0	<0.002	5.76	36.8	9.7	3	23.3	44.9	0.46	1.00	12.5	0.184	2.22	3.5
M356124		177.5	164.0	<0.002	3.46	5.39	10.7	2	7.4	170.0	0.47	0.28	15.2	0.207	2.20	4.8
M356125		2.9	1.7	<0.002	<0.01	0.10	0.2	<1	<0.2	41.9	<0.05	<0.05	0.2	<0.005	0.04	0.7
M356126		28.5	113.0	<0.002	2.32	4.17	10.1	2	3.3	357	0.54	0.33	13.0	0.229	1.51	4.5
M356127		21.6	113.0	<0.002	1.49	7.73	9.7	1	4.7	198.0	0.60	0.17	13.6	0.231	1.64	5.3
M356128		17.1	91.5	0.002	1.43	3.40	10.5	1	2.5	460	0.69	0.16	13.7	0.243	1.24	4.7
M356129		32.3	92.7	<0.002	1.41	12.15	10.0	1	3.0	438	0.62	0.26	11.5	0.242	1.18	5.2
M356130		18.5	77.3	<0.002	0.03	5.07	5.2	1	1.3	325	0.72	<0.05	8.3	0.302	1.18	4.0
M356131		16.1	84.2	<0.002	0.01	4.35	5.0	<1	1.4	402	0.68	<0.05	8.2	0.303	1.14	4.6
M356132		14.5	75.4	0.002	0.01	3.80	4.5	1	1.3	397	0.66	<0.05	7.8	0.293	1.15	4.0
M356133		31.5	85.5	<0.002	0.12	4.85	5.3	1	2.2	308	0.68	<0.05	8.0	0.314	1.23	4.2
M356134		3420	145.0	<0.002	3.01	8.96	9.2	2	7.5	253	0.48	0.29	12.6	0.226	1.61	4.2
M356135		5420	152.5	<0.002	3.49	11.50	9.9	2	11.8	255	0.52	0.30	13.7	0.220	1.78	4.4
M356136		34.1	94.3	0.002	1.24	6.84	10.3	1	2.9	458	0.58	0.19	12.9	0.233	1.25	4.3
M356137		54.4	156.5	<0.002	2.89	7.48	9.6	1	9.8	197.0	0.36	0.32	11.5	0.178	1.65	3.8



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**CERTIFICATE OF ANALYSIS WH12219451**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M356109		64	4.0	11.0	149	20.2	2	
M356110		69	2.8	12.2	252	20.6	<1	
M356111		52	1.1	8.4	106	165.5	<1	
M356112		50	1.0	8.1	104	159.0	<1	
M356113		57	5.0	9.5	5490	24.8	25	
M356114		55	1.1	8.3	84	169.5	<1	
M356115		69	2.9	10.9	64	23.9	1	
M356116		69	2.8	11.5	47	22.0	<1	
M356117		56	3.6	9.9	9170	14.7	54	3.75
M356118		2	0.1	0.8	32	0.6	<1	
M356119		74	3.0	11.6	114	22.2	1	
M356120		70	2.3	11.3	44	19.7	<1	
M356121		66	3.0	11.1	242	19.6	1	
M356122		67	3.4	12.2	65	20.1	<1	
M356123		66	5.0	9.2	472	19.4	11	
M356124		67	4.7	11.1	1140	22.2	2	
M356125		2	0.1	0.8	15	<0.5	<1	
M356126		68	2.1	11.2	50	19.2	<1	
M356127		68	3.5	11.8	55	23.7	<1	
M356128		72	2.2	11.3	36	25.6	<1	
M356129		69	2.0	11.8	54	22.0	<1	
M356130		44	1.1	10.3	79	66.2	<1	
M356131		46	1.2	10.3	71	60.8	<1	
M356132		43	1.1	9.2	66	56.1	<1	
M356133		48	1.1	10.4	74	70.1	<1	
M356134		64	4.4	11.3	1640	24.3	8	
M356135		67	4.9	11.2	2430	22.3	11	
M356136		69	1.8	10.4	35	22.2	<1	
M356137		65	6.3	9.2	55	21.5	<1	



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**CERTIFICATE OF ANALYSIS WH12219451**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)





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**CERTIFICATE WH12219452**

Project: Klaza-131

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219452**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354418		5.08	0.016	0.68	6.46	108.0	1120	1.49	0.22	2.01	2.73	38.7	7.2	7	20.3	67.1
M354419		2.74	0.032	0.42	7.35	85.3	2050	1.54	0.30	2.77	0.36	48.6	7.1	9	14.25	19.8
M354420		0.26	0.699	9.58	6.48	1665	1420	1.53	6.20	1.93	40.3	43.1	16.6	20	15.65	103.5
M354421		7.52	0.023	1.37	6.10	75.9	860	1.60	0.92	2.16	1.08	38.2	8.8	10	15.80	22.6
M354422		3.80	<0.005	0.58	6.18	44.0	870	1.46	4.31	1.74	0.34	39.2	11.2	10	20.2	49.7
M354423		2.51	0.241	0.59	6.48	441	1430	1.53	0.32	1.18	0.55	45.0	8.7	8	19.05	30.0
M354424		3.97	<0.005	0.13	6.86	13.6	1520	1.66	0.21	1.55	0.17	40.1	5.6	8	19.35	49.7
M354425		2.36	<0.005	0.18	6.29	45.4	1230	1.72	0.59	2.31	0.16	38.9	15.8	7	17.95	7.8
M354426		2.35	<0.005	0.07	0.07	<5	30	0.06	0.02	18.70	0.05	1.29	1.2	<1	0.19	2.4
M354427		7.46	<0.005	0.09	6.63	8.1	1870	1.65	0.15	2.31	0.09	41.2	7.2	13	14.95	9.3
M354428		8.43	<0.005	0.12	6.68	9.6	1990	1.52	0.27	2.40	0.09	44.5	6.9	13	11.75	15.8
M354429		8.51	<0.005	0.13	6.22	13.0	2480	1.62	0.50	2.41	0.13	37.1	7.4	12	11.45	6.8
M354430		8.19	<0.005	0.12	6.82	16.4	2060	1.73	0.45	2.38	0.12	43.9	6.7	12	13.70	6.3
M354431		<0.02	0.034	0.15	6.50	16.7	2020	1.49	0.41	2.38	0.12	39.5	7.1	11	13.55	7.9
M354432		6.05	<0.005	0.10	7.01	16.3	1980	1.68	0.35	2.13	0.17	44.8	7.6	11	16.05	8.5
M354433		2.91	0.019	0.66	6.66	89.6	2540	1.73	0.38	2.20	2.84	46.2	8.3	9	14.25	11.4
M354434		6.72	0.006	0.39	5.95	38.6	280	1.74	0.17	2.24	0.44	44.6	5.3	26	19.05	17.6
M354435		2.24	0.083	1.28	6.47	40.6	1640	1.33	1.21	1.54	0.76	36.1	7.7	11	17.15	19.6
M354436		3.46	<0.005	0.01	0.07	<5	30	0.06	0.03	18.65	0.06	1.18	1.3	<1	0.31	2.4
M354437		6.65	0.007	0.21	6.73	18.3	1920	1.22	0.42	2.28	0.23	43.8	6.5	8	17.85	10.0
M354438		7.35	<0.005	0.11	6.30	17.5	2200	1.31	0.35	2.05	0.18	37.7	7.0	8	16.00	14.5
M354439		8.56	<0.005	0.11	6.64	18.2	1940	1.38	0.52	2.47	0.13	43.7	6.8	9	15.80	9.6
M354440		6.25	0.035	1.94	6.16	96.1	1530	1.50	0.44	2.08	1.73	45.3	8.5	7	22.3	19.1
M354441		8.21	<0.005	0.03	6.95	30.9	570	1.48	0.12	1.62	0.24	61.0	4.8	12	14.20	4.1
M354442		2.74	0.612	1.87	7.41	1185	350	1.15	3.83	3.56	0.78	44.6	25.0	5	12.60	11.9
M354443		4.60	0.079	1.14	6.75	58.4	1840	1.39	4.79	2.34	0.41	48.5	28.7	7	14.60	3.9
M354444		1.67	0.079	1.19	7.05	67.0	1890	1.27	5.28	2.35	0.37	43.3	24.4	6	14.90	3.6
M354445		7.55	<0.005	0.18	7.56	26.1	2330	1.55	0.84	2.52	0.23	50.5	7.5	11	12.50	15.1
M354446		7.70	<0.005	0.24	7.25	29.1	2500	1.41	1.01	2.26	0.23	47.2	8.0	10	12.65	16.1
M354447		7.37	<0.005	0.09	6.44	9.0	2300	1.52	0.46	2.67	0.11	46.5	7.4	13	8.83	12.6
M354448		5.47	<0.005	0.38	6.91	16.6	1990	1.44	0.66	2.71	0.43	48.4	6.6	10	11.05	28.4
M354449		2.80	0.018	2.08	6.44	49.0	1830	1.34	1.30	2.67	1.07	43.8	7.3	8	13.55	167.5
M354450		7.67	<0.005	0.12	6.63	18.5	2130	1.53	0.45	2.65	0.16	50.8	7.1	10	9.28	13.2
M354451		0.26	0.787	9.75	6.59	1795	940	1.40	6.84	1.98	45.3	46.5	16.3	20	17.05	113.5
M354452		6.92	<0.005	0.15	7.04	17.8	2440	1.50	0.64	2.83	0.15	48.6	8.2	10	9.63	40.2
M354453		4.97	<0.005	0.14	6.87	16.5	2190	1.52	0.61	2.87	0.18	48.0	7.7	10	10.60	18.9



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M354418		2.57	14.60	0.11	1.5	0.046	2.75	18.2	85.0	0.28	1900	3.01	0.12	7.3	3.0
M354419		3.11	15.20	0.13	1.6	0.049	3.20	26.8	15.6	0.70	1340	6.56	1.69	7.4	2.8
M354420		5.23	14.60	0.13	1.4	0.899	2.90	24.3	24.2	0.70	2010	12.00	0.27	7.8	14.3
M354421		3.04	15.60	0.13	1.1	0.117	2.02	19.2	47.4	0.54	1200	3.04	0.55	7.1	2.7
M354422		3.08	16.10	0.13	1.3	0.113	1.82	19.7	52.1	0.49	1340	0.74	0.15	7.2	4.0
M354423		2.92	15.50	0.13	1.2	0.057	2.32	24.5	63.7	0.33	1800	1.36	0.31	6.9	2.5
M354424		2.64	15.75	0.13	1.2	0.048	2.55	20.1	53.6	0.39	686	0.61	1.04	7.8	2.3
M354425		3.11	15.50	0.15	1.2	0.099	2.05	18.6	33.3	0.64	1000	0.56	0.96	7.1	2.6
M354426		0.42	0.28	0.07	<0.1	<0.005	0.02	0.7	1.2	11.70	188	0.28	0.01	0.3	1.9
M354427		2.69	15.95	0.14	1.1	0.039	2.51	20.3	22.5	0.67	520	0.58	1.70	7.3	2.9
M354428		2.80	15.35	0.14	1.1	0.042	2.59	23.2	13.5	0.76	620	0.72	2.07	7.5	2.7
M354429		2.62	15.55	0.13	1.2	0.050	3.09	18.6	9.3	0.64	747	0.66	1.58	7.3	2.7
M354430		2.66	15.90	0.15	1.2	0.037	2.72	22.9	18.3	0.65	686	0.84	1.75	7.6	2.7
M354431		2.61	15.85	0.14	1.2	0.038	2.70	19.7	18.5	0.62	694	0.90	1.70	7.4	2.8
M354432		2.75	16.10	0.15	1.2	0.034	2.73	22.9	23.5	0.65	691	0.87	1.72	7.9	2.7
M354433		2.76	16.05	0.15	1.2	0.032	2.56	24.6	27.4	0.73	2420	1.30	1.56	7.1	4.0
M354434		1.70	17.15	0.14	3.3	0.023	1.26	24.6	107.0	0.72	1240	1.34	0.03	7.2	17.1
M354435		2.57	16.15	0.14	1.2	0.044	2.91	17.9	30.4	0.54	1530	1.00	0.09	7.3	3.8
M354436		0.43	0.30	0.07	<0.1	<0.005	0.02	0.6	1.1	11.75	210	0.11	<0.01	0.3	1.8
M354437		2.70	14.80	0.14	1.3	0.035	2.68	22.4	28.3	0.71	1250	0.65	0.80	8.0	3.0
M354438		2.60	15.50	0.15	1.4	0.035	2.85	18.7	24.8	0.62	837	0.60	0.64	8.3	3.2
M354439		2.71	14.75	0.16	1.3	0.035	2.81	22.5	13.9	0.72	699	0.72	1.53	7.9	2.9
M354440		2.60	15.25	0.15	1.4	0.042	3.28	22.9	20.2	0.68	2260	1.46	0.42	8.3	3.1
M354441		2.24	17.50	0.16	3.2	0.029	0.99	31.9	76.3	0.72	646	1.28	0.04	10.2	4.8
M354442		6.91	17.05	0.23	1.4	0.326	3.48	22.8	15.7	1.18	10500	1.17	0.03	7.8	2.8
M354443		5.12	18.45	0.19	1.2	0.337	3.85	25.0	19.7	0.96	3150	0.66	0.05	8.6	3.4
M354444		5.41	19.30	0.20	1.2	0.359	3.89	21.8	18.3	0.97	3270	0.51	0.05	8.3	3.3
M354445		3.13	15.95	0.19	1.3	0.050	2.86	26.2	18.5	0.85	808	0.82	2.21	8.6	3.3
M354446		3.01	15.35	0.17	1.3	0.045	2.65	24.3	24.7	0.76	863	0.81	1.64	8.4	3.3
M354447		2.86	15.80	0.18	1.4	0.040	2.76	23.3	20.4	0.83	700	1.05	2.31	8.6	3.2
M354448		2.70	15.00	0.18	1.5	0.043	2.80	25.6	20.3	0.73	710	0.87	2.10	8.5	2.9
M354449		2.81	14.35	0.17	1.5	0.077	2.74	22.1	21.2	0.72	1160	1.35	1.58	8.1	3.4
M354450		2.83	15.60	0.17	1.5	0.041	2.73	25.7	15.4	0.80	1300	1.36	2.16	8.4	3.3
M354451		5.32	14.55	0.20	1.3	1.020	2.88	24.2	23.6	0.72	2120	14.05	0.28	7.9	16.6
M354452		3.02	15.60	0.17	1.3	0.047	2.54	24.3	20.7	0.92	744	3.04	2.42	8.6	3.2
M354453		3.12	15.95	0.20	1.3	0.050	2.48	23.6	18.4	0.89	745	2.44	2.37	8.8	3.3



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**CERTIFICATE OF ANALYSIS WH12219452**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M354418		81.5	121.5	<0.002	0.16	42.6	8.6	1	1.5	104.5	0.66	<0.05	11.4	0.238	3.5
M354419		35.7	138.5	0.002	0.23	8.45	9.9	1	1.7	302	0.75	0.05	14.9	0.259	3.0
M354420		1365	161.0	<0.002	3.08	32.5	8.5	1	5.8	147.0	0.59	0.31	11.4	0.210	4.9
M354421		86.8	84.7	<0.002	0.20	24.6	9.6	1	6.4	123.0	0.62	<0.05	10.3	0.237	4.8
M354422		16.5	73.9	<0.002	0.19	45.3	10.8	1	6.5	114.5	0.65	<0.05	9.7	0.252	12.9
M354423		41.8	109.5	<0.002	0.32	38.8	10.6	1	3.9	121.0	0.60	<0.05	12.4	0.229	7.7
M354424		15.7	103.0	<0.002	0.03	17.50	10.4	1	3.5	188.0	0.71	<0.05	12.5	0.246	3.3
M354425		12.1	81.2	<0.002	0.21	13.20	9.4	1	5.2	138.0	0.63	0.05	10.1	0.233	4.9
M354426		0.8	1.2	<0.002	<0.01	0.09	0.2	1	<0.2	49.8	<0.05	<0.05	<0.2	<0.005	0.5
M354427		16.6	87.9	<0.002	0.01	3.43	10.3	1	1.6	298	0.63	<0.05	11.4	0.254	3.3
M354428		16.8	95.8	<0.002	0.03	2.85	10.8	1	1.7	361	0.65	<0.05	11.9	0.259	3.5
M354429		15.1	111.0	<0.002	0.06	3.40	9.4	1	1.5	277	0.69	<0.05	10.2	0.243	3.4
M354430		16.7	108.5	<0.002	0.06	4.23	10.4	1	1.4	303	0.69	<0.05	12.1	0.249	3.7
M354431		16.6	100.5	<0.002	0.06	4.66	10.2	1	1.4	295	0.67	<0.05	10.9	0.246	3.6
M354432		17.9	108.5	<0.002	0.01	7.20	11.1	1	1.4	304	0.70	<0.05	11.9	0.256	3.7
M354433		111.0	111.0	<0.002	0.24	10.15	10.5	1	1.5	305	0.62	<0.05	12.4	0.238	3.3
M354434		31.2	45.4	<0.002	0.11	26.7	5.4	1	1.4	240	0.62	<0.05	9.6	0.224	7.9
M354435		193.5	108.0	<0.002	0.23	23.9	9.8	1	1.5	94.4	0.65	<0.05	9.7	0.241	7.9
M354436		0.7	1.4	<0.002	<0.01	0.10	0.1	1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	0.5
M354437		19.6	108.5	<0.002	0.21	17.30	10.3	1	1.4	201	0.78	<0.05	13.0	0.250	4.3
M354438		18.7	104.0	<0.002	0.08	13.80	9.8	1	1.8	165.5	0.78	<0.05	12.3	0.253	4.4
M354439		18.0	121.0	<0.002	0.05	4.80	9.9	1	2.0	261	0.75	<0.05	13.2	0.245	3.6
M354440		60.3	142.0	<0.002	0.42	16.55	9.9	1	2.0	125.0	0.80	<0.05	14.4	0.249	5.0
M354441		12.3	35.9	<0.002	0.03	26.2	5.0	1	1.5	147.5	0.82	<0.05	10.1	0.285	3.9
M354442		48.8	188.0	<0.002	3.46	30.2	10.8	1	3.1	72.8	0.80	0.13	13.4	0.246	5.1
M354443		17.5	171.0	<0.002	0.50	13.65	11.3	2	3.1	81.4	0.82	0.18	13.9	0.268	7.1
M354444		15.7	150.5	<0.002	0.40	12.40	10.6	2	3.4	80.3	0.79	0.20	12.9	0.258	8.1
M354445		24.3	123.5	<0.002	0.05	3.85	11.3	1	2.1	376	0.79	<0.05	14.5	0.274	4.8
M354446		21.4	114.0	<0.002	0.10	8.87	11.0	1	2.2	276	0.79	<0.05	13.3	0.268	5.5
M354447		18.7	105.5	<0.002	0.01	1.30	10.5	1	2.1	375	0.83	<0.05	13.7	0.269	4.2
M354448		45.6	119.0	<0.002	0.05	2.65	10.0	1	1.9	329	0.87	<0.05	16.2	0.243	4.8
M354449		266	115.5	<0.002	0.27	19.05	9.5	1	1.9	257	0.83	<0.05	12.5	0.253	5.1
M354450		22.5	111.5	<0.002	0.06	2.85	10.5	1	1.8	352	0.81	<0.05	14.2	0.266	4.8
M354451		1460	172.5	0.002	3.11	35.3	9.4	1	6.5	153.0	0.72	0.33	13.0	0.216	5.8
M354452		20.5	109.0	<0.002	0.03	2.22	11.4	1	1.8	412	0.80	<0.05	12.6	0.286	4.1
M354453		20.5	107.5	<0.002	0.01	2.59	11.6	1	1.9	389	0.82	<0.05	13.0	0.291	4.4



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Project: Klaza-131

**CERTIFICATE OF ANALYSIS WH12219452**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M354418		65	3.9	12.6	494	35.7
M354419		70	2.7	15.3	79	35.2
M354420		58	4.9	10.9	2980	37.0
M354421		67	3.4	14.4	131	31.0
M354422		82	3.1	14.8	81	33.6
M354423		66	2.8	15.3	94	35.8
M354424		63	2.8	13.0	59	34.6
M354425		70	3.9	15.6	65	35.4
M354426		2	0.1	0.8	16	0.5
M354427		67	1.1	14.5	42	32.1
M354428		77	1.0	16.1	45	31.7
M354429		64	2.1	13.2	48	33.2
M354430		68	1.2	14.8	47	33.7
M354431		65	1.2	14.3	47	33.6
M354432		71	1.5	15.1	55	32.9
M354433		63	2.6	15.5	339	36.1
M354434		43	1.8	10.8	67	121.0
M354435		66	4.2	13.4	91	37.6
M354436		2	0.1	0.8	16	0.6
M354437		69	3.8	17.1	51	41.6
M354438		69	3.2	16.0	49	44.9
M354439		67	1.4	17.2	44	39.3
M354440		67	3.2	16.0	153	46.4
M354441		46	2.6	10.9	86	124.5
M354442		70	17.0	15.8	118	39.9
M354443		82	10.3	18.8	83	36.9
M354444		84	12.1	18.0	80	36.4
M354445		76	1.7	19.6	65	40.1
M354446		76	2.0	18.3	62	40.2
M354447		72	1.5	18.6	49	41.4
M354448		66	1.3	18.1	82	45.6
M354449		71	2.5	17.7	145	44.7
M354450		72	1.4	18.4	56	44.8
M354451		60	5.1	13.4	3100	42.8
M354452		79	1.8	19.7	56	36.1
M354453		80	3.2	19.5	60	35.4



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**CERTIFICATE OF ANALYSIS WH12219452**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12219453**

Project: Klaza-131

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219453**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354454		2.79	<0.005	0.21	7.99	25.1	2310	1.43	0.85	3.03	0.23	51.5	8.6	11	15.10	18.8
M354455		8.66	<0.005	0.18	8.00	19.1	2230	1.45	0.60	2.70	0.20	52.4	8.0	12	12.05	16.4
M354456		4.65	<0.005	0.20	8.00	11.6	2290	1.48	0.39	2.70	0.16	54.2	7.7	13	11.25	27.9
M354457		0.26	0.285	>100	5.52	243	630	0.65	4.53	1.44	26.2	19.20	11.9	62	0.88	6200
M354458		7.62	<0.005	0.22	7.75	25.4	2310	1.56	0.54	2.57	0.25	48.6	6.6	11	14.25	21.8
M354459		7.92	<0.005	0.13	7.24	7.3	2050	1.54	0.56	2.51	0.15	50.3	7.3	10	8.54	12.0
M354460		7.09	<0.005	2.35	6.93	11.5	2040	1.52	0.37	2.53	0.42	43.9	7.1	9	8.67	19.7
M354461		8.20	<0.005	0.18	7.20	12.9	2260	1.53	0.86	2.24	0.17	43.2	6.7	10	6.45	22.7
M354462		8.80	<0.005	0.15	7.37	13.6	2200	1.75	0.85	2.57	0.16	47.0	9.5	10	7.60	8.0
M354463		<0.02	<0.005	0.15	7.61	13.7	2200	1.61	0.72	2.72	0.15	46.5	9.0	9	7.59	7.7
M354464		8.75	<0.005	0.12	7.30	9.7	2090	1.71	0.46	2.60	0.12	44.3	8.2	10	8.43	11.8
M354465		8.00	0.008	0.19	6.85	28.2	2050	1.52	0.45	2.56	0.16	42.3	7.7	8	11.85	29.5
M354466		6.66	<0.005	0.25	6.74	33.4	2070	1.51	0.41	2.58	0.26	36.7	10.7	10	13.90	18.3
M354467		4.07	0.132	9.45	6.51	1585	980	1.74	18.00	2.13	8.78	35.4	10.3	9	17.10	120.5
M354468		2.75	<0.005	0.06	0.10	<5	30	0.05	0.05	20.4	0.09	1.34	0.8	<1	0.60	2.3
M354469		5.08	0.025	0.76	6.84	1605	1970	1.60	0.40	2.18	0.22	46.3	7.8	8	17.60	7.8
M354470		7.06	<0.005	0.25	7.19	14.7	2150	1.61	0.47	2.19	0.16	45.4	7.7	9	12.70	82.2
M354471		4.92	<0.005	0.13	7.41	11.4	2080	1.65	0.35	2.32	0.12	47.3	7.6	14	11.45	14.8
M354472		6.70	0.006	0.25	7.27	29.6	2010	1.70	0.41	2.56	0.23	45.5	7.4	8	11.35	25.0
M354473		2.58	0.008	0.60	7.18	40.3	1750	1.41	0.58	1.96	6.61	42.3	7.2	9	15.75	30.6
M354474		7.70	<0.005	0.21	6.61	21.1	1990	1.41	0.93	2.05	0.19	36.0	6.0	8	12.20	35.7
M354475		0.26	2.33	25.3	5.78	3070	1520	1.34	19.25	2.13	77.6	40.1	10.7	17	14.15	432
M354476		6.37	0.019	0.53	8.29	47.4	1320	1.98	1.48	1.92	0.87	37.8	9.4	6	23.0	13.7
M354477		2.49	2.75	1.05	4.90	1685	280	1.16	0.85	4.12	2.25	24.3	6.2	4	11.90	10.0
M354478		2.67	0.332	4.33	8.42	291	530	1.91	4.55	2.70	1.37	58.8	25.2	6	23.7	991
M354479		2.56	0.978	44.2	5.99	2120	980	1.07	1.81	2.08	19.95	44.4	4.9	6	11.10	173.5
M354480		1.22	<0.005	0.09	0.10	<5	30	0.10	0.01	20.5	0.08	1.34	0.7	<1	0.31	3.0
M354481		2.50	0.036	0.63	7.21	45.7	1830	1.44	0.54	1.59	2.13	43.0	6.9	7	17.85	38.8
M354482		5.55	0.005	0.29	7.42	61.8	950	1.56	0.45	1.58	0.63	39.4	6.9	9	16.45	129.5
M354483		4.86	0.144	0.66	6.96	48.0	4420	1.24	0.55	1.37	1.26	42.6	10.9	6	12.80	103.5
M354484		2.15	0.032	0.78	6.67	56.0	3120	1.31	0.98	1.51	1.52	41.4	13.8	6	12.50	106.0
M354485		6.99	0.021	0.43	7.50	8.4	2120	1.74	2.12	2.13	0.11	47.8	7.2	9	13.25	89.6
M354486		7.17	<0.005	0.32	7.49	36.6	1750	1.73	1.87	2.34	0.22	43.9	17.5	6	22.9	20.4
M354487		1.77	<0.005	0.16	7.41	14.9	420	2.23	1.30	3.08	0.15	75.0	14.1	35	29.0	18.5
M354488		6.85	0.055	0.87	8.73	20.4	1120	1.47	4.90	2.24	0.16	45.3	22.9	6	17.55	131.0
M354489		5.94	<0.005	0.30	6.92	13.0	1810	1.64	0.58	2.03	0.13	38.1	4.8	8	16.35	86.8





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**CERTIFICATE OF ANALYSIS WH12219453**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354454		3.34	18.45	0.17	1.3	0.046	2.89	26.3	25.2	0.71	790	2.83	1.26	9.3	3.2	700
M354455		3.18	17.05	0.21	1.3	0.042	3.01	28.4	15.6	0.85	857	1.11	2.10	8.4	3.1	620
M354456		3.42	17.30	0.19	1.2	0.053	3.10	28.1	11.0	0.86	1620	1.07	2.24	9.1	3.2	690
M354457		5.87	12.15	0.23	1.3	0.456	1.15	9.5	11.5	1.09	1740	20.7	1.62	3.1	29.8	460
M354458		3.07	15.55	0.17	1.1	0.054	3.40	25.6	13.9	0.78	993	1.01	1.68	8.1	3.0	610
M354459		2.90	16.05	0.20	1.3	0.038	2.72	26.3	12.6	0.77	778	1.77	2.09	8.6	2.7	560
M354460		2.97	16.20	0.14	0.9	0.041	2.60	20.1	17.7	0.72	1420	4.09	1.79	8.2	2.9	580
M354461		3.08	15.65	0.16	1.0	0.060	2.68	22.2	15.3	0.85	790	2.78	2.31	8.1	2.7	590
M354462		3.07	16.65	0.18	1.0	0.043	2.57	23.2	20.3	0.83	693	2.28	2.31	8.5	2.9	590
M354463		3.06	15.90	0.16	1.0	0.040	2.65	22.9	20.3	0.84	721	2.62	2.34	8.5	2.6	590
M354464		3.04	16.10	0.15	1.0	0.051	2.62	21.9	15.4	0.83	855	1.25	2.13	8.6	2.9	630
M354465		2.96	16.05	0.16	1.0	0.090	2.95	19.9	20.6	0.73	995	0.96	1.36	8.1	2.6	560
M354466		2.89	16.30	0.15	1.1	0.054	3.00	17.1	13.8	0.68	896	1.86	1.48	8.3	2.8	580
M354467		3.51	16.45	0.12	0.9	0.179	3.03	17.3	40.9	0.76	1370	19.50	0.08	7.9	4.4	560
M354468		0.49	0.44	0.14	<0.1	<0.005	0.05	0.7	2.0	12.30	219	0.19	0.01	0.3	1.4	160
M354469		2.76	16.10	0.22	1.2	0.042	2.75	21.8	32.0	0.62	881	3.09	1.04	8.4	2.8	570
M354470		3.02	16.65	0.18	1.1	0.061	2.59	21.5	25.8	0.71	736	1.51	1.36	8.6	2.8	620
M354471		2.99	16.45	0.17	1.2	0.035	2.61	22.3	22.4	0.75	733	1.75	1.62	8.4	2.7	620
M354472		2.92	16.70	0.19	1.3	0.047	2.72	22.6	15.9	0.74	1560	1.04	1.90	8.7	2.6	600
M354473		3.08	16.35	0.15	1.3	0.069	2.82	20.6	30.8	0.63	1680	1.19	0.57	9.2	2.7	630
M354474		2.84	15.25	0.14	1.2	0.055	2.72	17.4	28.7	0.62	816	1.09	0.98	8.1	2.4	610
M354475		6.51	13.65	0.17	0.8	1.580	2.49	22.9	25.6	0.88	1860	12.65	0.04	6.0	15.7	420
M354476		4.54	22.0	0.14	1.1	0.192	2.76	18.4	41.0	0.73	2230	0.38	0.55	9.0	3.2	630
M354477		4.28	12.50	0.10	0.5	0.184	2.16	14.1	38.3	1.26	5560	1.73	0.02	4.5	2.3	290
M354478		7.26	25.9	0.16	0.9	0.522	3.27	29.5	56.4	1.26	4840	0.90	0.04	8.6	3.4	650
M354479		4.47	15.45	0.14	0.8	0.306	2.75	23.3	23.2	0.80	5270	3.16	0.02	6.7	2.6	440
M354480		0.48	0.30	0.12	<0.1	0.005	0.05	0.7	1.4	12.20	228	0.08	<0.01	0.2	1.3	170
M354481		2.89	16.25	0.16	1.3	0.079	3.08	20.8	71.9	0.61	1600	1.43	0.17	8.7	2.3	580
M354482		2.54	16.60	0.18	0.9	0.064	1.74	19.8	119.5	0.54	1280	1.01	0.03	8.3	2.8	610
M354483		3.02	14.35	0.15	0.8	0.128	2.58	24.1	59.1	0.60	1570	1.41	0.11	6.7	2.5	510
M354484		3.21	15.05	0.15	0.8	0.132	2.53	22.5	64.4	0.61	1710	1.53	0.09	7.3	2.6	520
M354485		3.33	16.30	0.19	1.0	0.083	2.89	24.0	20.0	0.81	668	1.25	1.63	8.3	2.6	610
M354486		4.23	18.20	0.17	1.1	0.189	2.31	21.2	40.6	0.90	1560	1.16	0.95	8.6	3.6	580
M354487		4.06	19.05	0.20	3.5	0.076	1.69	40.4	57.2	1.11	1190	1.65	0.28	10.9	13.9	1550
M354488		5.94	20.6	0.16	1.1	0.281	1.79	23.3	19.5	0.84	1900	4.72	3.10	8.9	3.4	620
M354489		2.83	15.45	0.13	1.4	0.084	2.89	18.1	23.1	0.66	746	0.60	1.36	8.7	2.4	550



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**CERTIFICATE OF ANALYSIS WH12219453**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M354454		24.4	122.5	<0.002	0.03	9.38	12.3	2	2.3	283	0.86	<0.05	14.1	0.302	1.34	6.4
M354455		22.1	140.5	<0.002	0.05	4.56	11.4	2	2.2	365	0.74	<0.05	14.7	0.274	1.42	5.4
M354456		20.8	138.0	<0.002	0.05	3.15	12.1	2	2.7	379	0.80	<0.05	14.3	0.295	1.47	5.1
M354457		>10000	29.0	0.012	2.36	423	12.1	4	2.0	195.5	0.16	1.04	1.9	0.248	0.49	1.2
M354458		24.6	150.5	<0.002	0.08	8.66	10.3	2	2.3	288	0.70	<0.05	13.5	0.268	1.82	4.0
M354459		22.5	123.0	<0.002	0.02	1.96	10.4	2	1.9	342	0.88	<0.05	14.6	0.244	1.19	5.2
M354460		43.2	95.1	<0.002	0.03	7.53	10.0	1	1.8	320	0.71	<0.05	10.2	0.253	1.21	3.3
M354461		17.4	103.5	<0.002	0.02	2.65	10.0	2	1.5	369	0.68	<0.05	11.0	0.248	1.14	3.0
M354462		19.8	95.4	0.002	0.04	1.98	10.6	3	2.6	374	0.74	<0.05	11.7	0.252	1.05	3.4
M354463		19.8	101.5	0.002	0.04	1.94	10.5	2	2.4	380	0.71	<0.05	12.1	0.259	0.99	3.6
M354464		18.3	102.0	<0.002	0.04	1.74	11.1	2	1.6	352	0.72	<0.05	11.0	0.257	1.13	3.6
M354465		17.0	116.5	<0.002	0.11	5.93	10.1	2	1.7	262	0.64	<0.05	11.1	0.236	1.59	4.0
M354466		27.3	115.5	0.003	0.13	7.63	10.0	1	1.8	280	0.70	<0.05	9.8	0.244	1.74	4.2
M354467		648	112.0	<0.002	1.75	70.6	9.3	2	2.9	138.5	0.65	0.35	9.0	0.236	2.83	4.5
M354468		2.9	3.9	<0.002	<0.01	0.27	0.4	1	<0.2	40.6	<0.05	<0.05	0.7	<0.005	0.02	3.5
M354469		23.6	117.0	<0.002	0.53	33.3	10.6	2	1.5	235	0.69	<0.05	10.4	0.248	1.89	3.5
M354470		18.0	100.5	0.003	0.03	11.55	10.9	2	1.7	269	0.72	<0.05	9.7	0.262	1.09	3.2
M354471		16.9	100.0	<0.002	0.03	7.92	10.6	1	1.6	299	0.70	<0.05	10.8	0.263	1.18	3.5
M354472		39.1	107.5	<0.002	0.09	5.58	10.8	1	1.9	323	0.71	<0.05	11.2	0.251	1.22	3.4
M354473		126.5	106.0	<0.002	0.20	20.4	11.3	2	2.2	149.5	0.75	<0.05	10.9	0.270	1.68	3.3
M354474		16.7	91.4	0.002	0.06	14.00	9.7	1	1.9	185.0	0.70	<0.05	9.3	0.250	1.40	2.6
M354475		2790	153.0	0.002	4.57	85.4	8.1	1	7.3	89.0	0.48	0.40	9.6	0.172	2.13	4.6
M354476		100.0	113.5	<0.002	0.62	32.1	11.3	2	7.2	131.0	0.73	0.06	9.2	0.275	2.48	4.9
M354477		113.5	146.5	<0.002	1.71	67.2	8.1	1	4.4	55.1	0.38	<0.05	8.0	0.138	2.09	3.2
M354478		105.0	125.0	<0.002	0.72	396	12.0	1	19.9	119.0	0.69	0.08	11.4	0.270	4.52	8.0
M354479		1680	184.0	<0.002	2.25	301	9.6	2	3.6	81.1	0.55	<0.05	10.1	0.193	2.65	5.3
M354480		3.4	2.4	0.002	<0.01	0.94	0.3	1	<0.2	38.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
M354481		76.3	124.0	<0.002	0.20	27.2	10.3	2	2.1	137.0	0.77	<0.05	11.7	0.240	1.94	3.5
M354482		18.8	67.2	<0.002	0.23	56.5	10.3	2	2.1	227	0.66	<0.05	11.8	0.259	3.28	3.8
M354483		39.9	115.0	0.002	0.47	45.1	9.3	1	1.7	142.0	0.60	<0.05	12.4	0.218	2.59	4.3
M354484		39.7	109.0	<0.002	0.59	45.6	9.7	1	1.8	146.0	0.56	<0.05	11.7	0.218	2.96	4.7
M354485		17.7	122.0	<0.002	0.04	5.47	10.8	2	1.8	289	0.67	<0.05	12.8	0.254	1.23	3.1
M354486		18.3	89.9	<0.002	0.35	27.2	11.0	2	4.3	146.0	0.77	0.12	12.2	0.249	2.93	3.3
M354487		22.5	51.0	<0.002	0.05	39.3	9.0	2	2.6	185.0	0.67	0.08	7.1	0.414	1.16	3.8
M354488		25.1	85.1	0.002	0.42	15.05	10.9	3	12.3	149.5	0.72	0.33	12.3	0.273	1.22	3.3
M354489		19.6	104.5	<0.002	0.03	12.35	9.4	1	2.2	213	0.83	<0.05	10.7	0.243	1.44	3.7



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**CERTIFICATE OF ANALYSIS WH12219453**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M354454		83	3.2	18.3	69	35.0		
M354455		77	1.6	17.9	60	34.9		
M354456		84	2.1	17.8	59	33.7		
M354457		85	0.5	13.4	5250	45.8	103	1.010
M354458		72	2.7	15.2	62	31.4		
M354459		67	1.8	16.6	53	33.6		
M354460		70	4.1	15.1	82	28.9		
M354461		68	2.4	15.2	55	30.3		
M354462		69	2.8	16.3	53	32.1		
M354463		72	2.4	16.4	55	30.8		
M354464		73	1.9	16.2	51	31.8		
M354465		65	5.0	14.6	51	33.3		
M354466		67	3.4	13.8	57	35.9		
M354467		69	13.3	11.1	636	31.0		
M354468		3	0.3	0.8	14	<0.5		
M354469		68	6.2	13.5	63	37.2		
M354470		72	2.8	15.4	57	34.7		
M354471		71	3.1	15.3	54	34.3		
M354472		69	2.4	16.0	78	39.8		
M354473		75	5.4	15.6	732	38.0		
M354474		67	3.3	13.6	58	35.3		
M354475		54	4.9	9.5	5210	24.4		
M354476		84	4.5	13.6	119	33.7		
M354477		65	3.2	9.6	171	18.8		
M354478		103	11.3	13.8	239	29.4		
M354479		60	7.1	9.7	2510	27.7		
M354480		3	0.1	0.9	16	<0.5		
M354481		65	3.5	14.0	273	37.1		
M354482		67	7.9	12.8	89	30.8		
M354483		61	8.6	12.7	152	25.4		
M354484		61	8.9	12.0	168	27.5		
M354485		71	3.9	15.4	49	32.9		
M354486		80	3.2	15.9	75	36.4		
M354487		91	2.6	16.8	78	158.0		
M354488		82	4.6	15.6	92	34.2		
M354489		66	2.8	13.2	53	40.4		



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**CERTIFICATE OF ANALYSIS WH12219453**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12219454**

Project: Klaza-132

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

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Plus Appendix Pages  
Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza-132

**CERTIFICATE OF ANALYSIS WH12219454**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356604		5.09	0.345	4.42	6.74	67.1	2400	1.11	4.12	0.33	0.35	61.0	2.0	10	9.20	133.5
M356605		3.76	0.219	3.56	6.71	154.5	1370	1.10	2.60	0.05	0.30	71.3	1.1	8	13.05	307
M356606		4.53	0.476	2.84	7.53	124.5	2200	1.20	3.15	0.04	0.18	57.6	1.0	8	12.35	170.5
M356607		5.21	0.172	1.87	7.39	201	1090	1.13	4.02	0.07	0.30	59.2	1.9	7	15.15	134.0
M356608		5.90	0.144	1.91	8.28	122.0	3730	1.10	1.33	0.07	0.23	60.2	2.5	8	15.20	232
M356609		0.26	0.300	>100	5.75	253	260	0.71	5.66	1.53	26.1	21.7	11.0	66	0.97	6330
M356610		6.49	0.142	1.79	8.05	186.0	1800	1.24	2.00	0.09	0.81	63.0	2.8	8	18.05	264
M356611		3.92	0.131	1.87	7.98	184.0	750	1.13	1.61	0.05	0.25	61.5	2.2	7	20.3	189.5
M356612		2.66	0.059	0.82	7.66	62.1	3960	1.49	0.75	0.87	4.72	63.7	11.4	7	14.60	604
M356613		3.20	0.196	1.56	6.84	46.5	1270	1.74	1.15	0.99	1.65	70.2	10.8	7	12.55	1270
M356614		1.98	0.099	0.99	7.22	52.2	550	1.53	1.37	1.25	4.38	47.5	10.1	8	14.10	548
M356615		1.43	<0.005	0.02	0.09	<5	40	0.07	0.07	21.8	0.07	1.43	1.2	<1	0.26	6.8
M356616		3.99	2.31	1.55	6.88	121.0	310	1.75	1.55	0.49	3.35	49.3	12.5	10	14.05	1120
M356617		7.97	0.371	2.25	7.40	242	490	1.69	1.30	0.68	5.83	50.8	11.2	9	14.20	1635
M356618		5.93	0.066	0.87	7.47	73.5	990	1.49	1.13	1.35	2.34	65.1	10.2	11	13.85	507
M356619		2.83	0.122	1.44	7.30	114.5	1140	1.44	1.00	1.72	5.31	56.6	11.3	7	15.65	592
M356620		3.35	0.069	1.22	7.36	89.1	370	1.57	1.64	1.12	2.28	50.2	11.9	9	14.55	654
M356621		0.26	4.56	>100	5.36	8280	100	1.15	60.1	2.00	233	34.5	8.1	17	11.75	1275
M356622		5.68	0.119	1.14	6.59	52.5	690	1.53	1.33	2.00	1.02	48.4	7.8	8	13.75	572
M356623		2.89	0.123	0.96	7.82	121.5	1840	1.58	1.24	1.14	3.71	52.5	9.8	8	12.95	928
M356624		4.02	1.425	14.95	5.35	354	450	1.36	41.2	0.24	3.16	30.3	7.2	7	14.80	1910
M356625		2.10	<0.005	0.03	0.11	<5	30	0.06	0.07	19.80	0.06	1.21	1.5	<1	0.23	6.3
M356626		3.23	4.66	2.91	7.59	183.5	740	1.67	4.48	0.42	3.12	47.5	6.8	8	12.70	1105
M356627		3.68	0.367	1.25	7.95	116.0	1290	1.44	2.15	1.41	2.44	45.2	9.7	7	11.75	873
M356628		6.17	0.210	1.82	7.93	176.5	1430	1.57	1.89	1.34	4.10	32.5	13.2	7	12.00	1260
M356629		2.26	0.179	1.81	7.49	146.0	1440	1.38	2.18	1.64	1.78	58.2	14.8	7	11.85	991
M356630		4.13	0.263	2.80	7.05	189.0	1940	1.21	2.63	1.45	1.47	46.0	15.6	14	11.70	1210
M356631		2.13	0.242	2.43	7.10	175.0	2060	1.23	2.21	1.58	1.24	47.0	15.7	7	11.85	1090
M356632		2.75	0.317	12.20	6.98	447	1300	1.55	7.63	1.57	12.75	60.8	5.8	6	17.25	1025
M356633		2.98	0.599	2.48	7.64	289	660	1.50	1.63	1.23	2.68	53.3	9.0	7	17.20	528
M356634		3.99	0.139	1.22	7.65	130.5	1680	1.55	1.48	1.81	0.70	58.5	6.4	8	14.55	598
M356635		3.05	0.129	2.20	7.44	175.5	930	1.37	1.42	1.89	1.20	48.4	8.8	7	16.20	509
M356636		<0.02	0.127	2.24	7.38	176.5	900	1.33	1.40	1.86	1.17	46.6	8.8	6	16.00	531
M356637		2.59	0.101	1.26	7.64	151.5	1900	1.56	0.50	1.54	26.2	51.0	10.4	7	19.65	693
M356638		2.31	0.194	4.00	7.71	256	680	1.52	1.89	0.37	2.23	59.8	3.2	7	23.5	538
M356639		5.46	0.104	1.81	7.94	145.5	1580	1.73	1.47	1.25	10.10	54.9	9.7	8	17.20	688



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Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza-132

**CERTIFICATE OF ANALYSIS WH12219454**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356604		2.89	15.35	0.16	0.8	0.186	3.42	34.9	14.3	0.42	129	4.69	0.54	4.2	1.7	450
M356605		2.85	14.10	0.17	0.6	0.200	3.16	41.2	18.0	0.33	54	26.0	0.06	3.4	1.5	470
M356606		1.99	16.25	0.16	0.7	0.243	3.60	30.6	12.6	0.35	49	9.15	0.05	2.9	1.1	310
M356607		2.71	15.70	0.18	0.8	0.231	3.48	31.3	13.1	0.35	190	5.33	0.05	3.0	1.1	520
M356608		3.57	15.85	0.19	0.9	0.175	3.48	33.8	22.8	0.32	63	5.53	0.16	4.2	1.5	680
M356609		6.09	11.00	0.18	1.4	0.481	1.17	10.5	12.8	1.19	1840	23.6	1.71	3.4	28.5	480
M356610		2.99	15.30	0.16	0.8	0.175	3.54	34.9	14.0	0.34	65	10.80	0.05	4.4	2.0	870
M356611		2.87	15.15	0.19	0.8	0.292	3.59	33.6	11.0	0.33	45	5.08	0.05	4.5	1.3	680
M356612		3.25	14.90	0.19	0.9	0.100	3.15	34.8	21.7	0.48	472	6.21	0.67	5.4	3.3	700
M356613		3.07	14.55	0.21	0.9	0.174	3.20	39.8	16.8	0.52	163	16.75	0.73	4.7	3.9	620
M356614		3.67	13.80	0.20	0.7	0.215	3.27	25.2	16.4	0.62	338	4.55	0.41	4.3	2.9	580
M356615		0.47	0.27	0.07	<0.1	<0.005	0.04	0.7	1.0	11.85	218	0.24	0.01	0.3	1.9	160
M356616		4.46	13.70	0.18	0.6	0.253	3.24	25.8	18.3	0.48	204	18.50	0.05	2.6	4.2	650
M356617		4.41	13.55	0.19	0.7	0.282	3.32	27.8	10.5	0.49	378	4.43	0.05	3.7	4.0	640
M356618		3.23	14.30	0.19	0.7	0.124	3.32	35.1	16.4	0.70	482	5.54	0.05	3.8	2.8	600
M356619		3.65	13.45	0.19	0.7	0.136	3.16	30.9	16.0	0.76	1180	9.15	0.04	4.4	3.1	580
M356620		4.07	13.75	0.19	0.7	0.161	3.44	26.3	13.6	0.67	612	13.95	0.05	3.9	3.6	630
M356621		7.99	11.35	0.20	1.0	5.00	2.29	17.7	32.0	0.64	3170	15.75	0.08	5.4	13.4	460
M356622		3.30	13.40	0.17	0.7	0.142	3.21	25.0	16.8	0.73	416	13.00	0.57	5.0	2.5	580
M356623		3.24	17.65	0.18	0.7	0.103	3.35	28.8	24.6	0.54	567	11.05	0.21	5.2	3.5	660
M356624		6.87	17.45	0.20	0.5	0.644	2.48	17.1	25.0	0.35	238	4.91	0.05	3.1	2.3	490
M356625		0.53	0.35	0.12	<0.1	<0.005	0.03	0.6	1.1	12.45	210	0.15	0.01	0.3	2.3	180
M356626		5.67	18.80	0.21	0.6	0.367	3.64	25.1	12.2	0.48	319	3.58	0.05	3.2	3.1	590
M356627		3.93	18.25	0.19	0.6	0.128	2.98	24.1	33.3	0.68	453	4.77	0.05	3.3	3.2	620
M356628		4.06	17.95	0.18	0.6	0.161	3.37	17.7	34.8	0.72	604	7.81	0.06	2.8	3.6	660
M356629		5.28	18.00	0.20	0.5	0.221	3.01	31.6	32.7	0.99	788	3.98	0.05	3.6	2.6	580
M356630		5.06	16.55	0.18	0.7	0.194	3.44	24.1	16.5	0.74	371	8.89	0.06	2.4	2.8	580
M356631		4.97	15.95	0.19	0.7	0.160	3.45	25.4	15.7	0.78	458	11.65	0.07	2.6	2.7	580
M356632		5.31	17.60	0.18	0.7	0.775	3.25	33.5	12.0	0.76	846	30.1	0.03	3.4	2.3	530
M356633		4.85	19.00	0.19	0.7	0.222	3.49	28.5	8.9	0.61	482	5.61	0.04	3.3	2.3	610
M356634		3.23	18.70	0.20	0.7	0.132	3.02	30.6	27.1	0.77	444	4.32	0.05	5.0	2.2	580
M356635		3.74	18.50	0.21	0.7	0.089	3.34	25.1	9.8	0.91	1200	2.16	0.04	3.8	2.5	560
M356636		3.81	18.40	0.20	0.6	0.086	3.31	24.3	9.5	0.89	1140	2.41	0.04	3.7	2.5	570
M356637		3.04	17.45	0.20	0.6	0.053	3.20	28.0	14.8	0.72	2060	4.20	0.04	4.9	3.1	570
M356638		3.77	18.65	0.19	0.7	0.421	3.38	33.2	13.9	0.37	139	3.74	0.04	3.9	1.2	630
M356639		3.55	18.30	0.20	0.7	0.135	3.35	29.7	18.6	0.65	848	8.06	0.04	4.5	3.0	610



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**CERTIFICATE OF ANALYSIS WH12219454**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356604		71.1	158.5	<0.002	0.39	11.95	10.1	3	9.1	128.0	0.40	0.24	13.6	0.172	2.36	2.7
M356605		45.7	156.5	0.006	0.20	147.5	9.1	3	8.9	67.1	0.29	0.21	12.4	0.138	2.39	2.6
M356606		29.6	186.0	<0.002	0.21	25.7	10.1	2	13.0	53.5	0.29	0.22	12.4	0.144	2.67	1.7
M356607		42.9	185.5	<0.002	0.44	43.2	10.1	3	8.0	71.5	0.31	0.20	14.8	0.149	2.75	1.9
M356608		62.0	160.0	<0.002	0.57	12.65	10.1	3	5.8	160.0	0.44	0.19	17.0	0.168	2.56	2.3
M356609		>10000	30.7	0.011	2.43	486	12.5	3	2.1	201	0.26	1.08	2.3	0.257	0.52	1.5
M356610		43.4	169.0	0.005	0.55	18.75	11.0	4	4.7	93.8	0.42	0.09	18.9	0.169	2.71	2.7
M356611		120.0	169.0	<0.002	0.68	55.5	12.4	4	10.3	71.4	0.49	0.11	22.9	0.167	2.78	2.7
M356612		40.4	139.0	0.005	1.00	14.90	11.7	3	4.1	251	0.57	0.06	17.6	0.205	2.07	5.2
M356613		40.7	148.5	0.003	1.69	5.12	10.6	3	7.5	188.5	0.51	0.15	16.5	0.170	1.99	10.5
M356614		92.4	151.5	0.003	2.28	4.58	10.3	4	7.2	172.5	0.43	0.12	14.8	0.159	2.31	4.2
M356615		2.2	1.9	<0.002	0.02	0.11	0.2	1	<0.2	43.5	<0.05	<0.05	0.2	<0.005	<0.02	0.6
M356616		92.3	166.0	0.021	3.18	48.8	10.3	4	12.3	93.3	0.25	0.21	14.1	0.122	2.56	6.1
M356617		142.0	171.0	0.003	3.15	72.7	10.8	4	9.0	51.7	0.36	0.12	14.5	0.158	2.76	5.9
M356618		28.5	167.0	0.004	2.05	7.83	10.9	3	4.7	71.6	0.37	0.07	15.2	0.159	2.71	3.4
M356619		103.0	156.0	0.010	2.25	20.6	10.2	3	6.5	110.5	0.43	0.11	13.6	0.184	2.52	4.0
M356620		44.1	169.0	0.011	3.01	11.40	10.9	4	6.9	82.2	0.36	0.13	14.0	0.167	2.67	4.7
M356621		9840	135.5	<0.002	7.17	224	7.5	2	9.1	119.5	0.47	0.53	9.1	0.184	2.19	5.4
M356622		34.6	136.5	0.011	1.69	3.10	10.5	3	4.1	287	0.48	0.14	12.7	0.196	2.37	2.7
M356623		26.7	135.5	0.006	1.43	13.90	11.5	2	3.6	203	0.43	0.16	14.2	0.193	2.32	6.4
M356624		215	152.5	0.004	6.64	137.0	9.2	4	25.3	255	0.22	0.59	11.1	0.120	1.60	6.1
M356625		1.6	2.2	<0.002	<0.01	0.36	0.5	1	<0.2	42.3	<0.05	<0.05	<0.2	0.006	<0.02	0.5
M356626		170.5	174.5	0.004	4.69	53.5	10.9	3	10.7	58.5	0.26	0.32	12.6	0.144	2.86	7.8
M356627		34.0	132.5	0.006	2.49	28.9	11.4	3	4.5	100.0	0.27	0.20	12.6	0.151	2.26	3.9
M356628		49.0	142.5	0.006	2.63	42.5	11.4	3	6.5	83.6	0.22	0.20	12.6	0.138	2.34	8.4
M356629		38.5	128.0	0.004	2.53	129.5	11.6	4	6.5	78.9	0.28	0.16	12.8	0.164	2.00	4.5
M356630		62.5	152.0	0.008	4.07	19.35	10.4	4	7.5	84.7	0.21	0.26	12.8	0.134	2.42	7.3
M356631		52.3	153.5	0.014	3.76	17.15	10.3	4	6.6	94.1	0.23	0.25	12.0	0.135	2.40	8.1
M356632		689	174.0	0.018	4.98	56.3	10.2	2	12.2	83.8	0.31	0.11	14.2	0.144	3.43	4.8
M356633		322	172.0	0.010	4.38	29.7	11.1	2	11.8	33.9	0.30	0.11	15.2	0.160	3.27	3.4
M356634		38.8	143.0	0.006	2.21	12.05	11.7	3	5.3	99.6	0.44	0.09	14.2	0.187	2.45	4.1
M356635		59.1	166.5	0.003	3.20	23.9	11.3	3	4.6	55.9	0.32	0.17	13.7	0.156	2.99	3.5
M356636		57.0	165.0	0.003	3.32	24.4	11.1	3	4.5	54.5	0.31	0.18	13.2	0.156	2.92	3.4
M356637		21.8	150.5	0.004	1.71	46.0	11.3	2	2.5	65.0	0.39	<0.05	13.2	0.183	2.89	3.9
M356638		1725	168.0	0.005	1.27	42.4	11.3	2	9.6	117.0	0.36	0.16	17.6	0.165	3.27	5.9
M356639		81.9	164.5	0.006	2.06	21.6	11.7	2	4.4	74.1	0.37	0.13	15.5	0.167	2.90	3.9





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**CERTIFICATE OF ANALYSIS WH12219454**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356604		70	7.3	8.6	88	21.4			
M356605		66	7.3	8.2	77	17.2			
M356606		68	8.4	6.8	60	19.8			
M356607		68	5.6	7.8	60	21.8			
M356608		69	4.3	8.0	80	24.8			
M356609		85	0.6	15.7	5570	47.6	97	0.954	
M356610		70	4.3	10.2	88	22.6			
M356611		71	7.6	7.6	100	22.6			
M356612		73	3.0	19.7	258	24.6			
M356613		67	6.1	14.1	108	25.4			
M356614		66	5.8	13.6	155	21.8			
M356615		2	0.1	0.9	15	<0.5			
M356616		63	5.8	13.7	223	18.5			
M356617		66	8.1	14.3	286	18.8			
M356618		69	5.3	13.3	127	21.1			
M356619		67	7.0	13.6	337	19.4			
M356620		67	8.5	13.9	199	20.7			
M356621		53	4.1	10.0	>10000	32.4	115	1.510	
M356622		71	5.7	12.9	119	20.3			
M356623		68	4.5	16.2	277	21.2			
M356624		54	10.9	8.6	156	17.3			
M356625		4	<0.1	0.9	15	<0.5			
M356626		61	8.1	13.0	259	17.5			
M356627		64	3.2	14.0	168	18.3			
M356628		57	4.8	14.2	273	17.8			
M356629		63	6.5	13.4	212	15.7			
M356630		78	6.4	10.0	149	21.7			
M356631		75	5.6	10.4	164	21.6			
M356632		56	7.0	10.7	1120	18.9			
M356633		65	7.2	13.0	248	19.3			
M356634		64	4.1	13.8	112	20.9			
M356635		62	3.5	13.8	142	18.8			
M356636		63	3.5	13.6	145	18.2			
M356637		62	2.9	18.4	1940	18.7			
M356638		63	5.9	7.5	423	19.7			
M356639		66	4.1	15.8	630	21.5			



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**CERTIFICATE OF ANALYSIS WH12219454**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12219455**

Project: Klaza-132

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219455**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356640		4.10	0.170	1.45	8.01	128.0	610	1.91	1.25	0.82	5.63	44.6	12.1	9	16.90	1320
M356641		2.39	2.38	2.49	7.17	89.3	540	1.48	2.96	0.59	2.45	55.8	12.7	7	10.80	802
M356642		3.45	0.093	0.56	7.28	49.0	510	1.34	1.20	1.83	0.74	43.5	6.6	7	16.50	291
M356643		6.30	0.153	0.74	7.01	33.8	1640	1.42	1.07	1.64	1.56	35.7	11.1	7	10.45	669
M356644		3.36	0.053	0.44	7.30	9.6	1770	1.57	1.46	1.96	0.86	40.7	6.4	7	12.55	367
M356645		0.26	2.25	25.7	5.81	3180	1410	1.36	20.3	2.15	78.1	42.9	10.9	17	14.50	435
M356646		3.18	0.143	0.80	7.72	16.6	500	1.44	1.47	1.90	1.51	57.9	25.5	8	10.10	852
M356647		4.82	0.145	0.70	7.53	26.1	1560	1.40	1.12	2.37	0.78	49.1	11.3	8	15.25	514
M356648		2.70	0.693	1.68	7.39	43.2	680	1.32	1.79	1.26	7.15	49.5	14.0	11	10.85	1040
M356649		3.19	<0.005	0.01	0.08	<5	20	0.05	0.02	20.2	0.07	1.02	1.3	<1	0.28	3.1
M356650		3.55	0.197	1.22	7.62	21.3	630	1.59	1.04	1.82	1.02	50.3	15.9	8	11.00	1055
M356651		6.89	0.128	0.50	7.83	15.5	1530	1.63	1.05	1.71	1.52	58.6	12.2	10	11.10	577
M356652		8.46	0.124	0.56	7.84	21.6	2490	1.54	0.55	2.04	0.73	49.3	10.1	10	13.65	567
M356653		8.41	0.164	0.92	7.21	87.8	2860	1.54	0.69	2.45	1.41	49.1	8.8	8	17.90	771
M356654		<0.02	0.127	0.90	7.14	83.8	2730	1.50	0.67	2.33	1.60	48.2	9.4	8	16.20	740
M356655		7.39	0.099	0.44	6.98	27.8	2560	1.44	0.66	2.11	0.84	45.3	8.2	7	12.60	480
M356656		2.06	0.112	0.68	8.64	34.0	1220	1.57	0.66	0.85	4.27	53.3	17.5	8	12.65	999
M356657		3.05	0.095	0.73	8.42	42.2	1350	1.53	0.79	1.31	3.66	51.8	16.3	8	14.55	717
M356658		2.80	0.131	0.79	7.71	32.2	940	1.55	0.59	2.22	1.28	48.3	12.0	8	14.85	640
M356659		7.10	0.078	0.87	7.93	45.9	1290	1.51	0.65	2.46	2.74	43.9	9.6	8	16.50	569
M356660		5.79	0.104	0.90	7.93	50.8	1190	1.54	0.62	2.61	1.06	46.8	10.4	8	16.10	719
M356661		0.26	0.304	>100	5.74	251	650	0.66	5.08	1.48	25.3	19.30	12.9	65	0.94	6380
M356662		3.20	0.108	0.87	7.83	126.5	720	1.71	1.00	2.35	1.61	47.9	11.9	8	14.30	838
M356663		2.24	0.049	0.56	8.12	68.7	580	2.04	0.96	2.19	3.26	52.9	10.1	12	15.35	602
M356664		4.75	0.096	2.41	7.70	267	710	1.59	2.28	1.67	3.07	53.7	8.5	7	13.75	1020
M356665		3.76	0.107	1.28	8.24	186.0	660	1.98	2.22	1.09	8.59	53.5	15.2	8	17.10	1375
M356666		3.52	0.114	2.58	7.77	344	760	3.28	2.56	0.95	9.64	43.7	18.4	35	16.95	2540
M356667		2.95	0.181	9.28	7.55	313	790	3.39	6.98	0.17	1.30	41.3	11.9	28	17.05	2070
M356668		1.99	<0.005	0.03	0.22	<5	50	0.07	0.06	20.9	0.08	1.23	2.0	2	0.37	8.5
M356669		4.64	0.158	4.85	7.57	169.0	500	2.12	10.55	0.08	0.94	39.9	7.1	14	18.25	716
M356670		2.19	0.554	4.74	7.26	245	1040	1.89	5.62	0.08	1.57	27.2	8.2	15	6.81	1155
M356671		7.34	0.426	2.68	7.64	95.3	1160	1.56	7.15	1.25	3.61	34.9	10.7	34	9.68	1600
M356672		5.84	0.118	3.40	7.47	207	690	1.28	2.05	1.50	6.45	44.6	12.4	16	10.15	905
M356673		2.96	0.093	2.55	7.36	173.5	690	1.41	1.90	1.28	5.80	44.9	13.3	21	10.15	764
M356674		2.71	0.054	1.13	7.73	164.5	830	1.33	1.20	1.83	2.00	48.7	10.2	8	11.85	504
M356675		5.42	0.040	0.77	7.61	64.6	1360	1.40	0.96	1.53	2.17	50.1	7.5	8	14.20	347



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**CERTIFICATE OF ANALYSIS WH12219455**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M356640		3.59	16.50	0.11	0.5	1.160	3.58	24.5	10.8	0.58	373	7.47	0.05	3.5	4.8
M356641		5.34	24.2	0.16	0.5	0.224	3.44	30.0	11.2	0.57	465	3.67	0.06	3.1	2.9
M356642		2.84	15.00	0.12	0.5	0.060	2.97	22.5	15.6	0.81	314	4.32	0.04	4.4	2.3
M356643		2.99	15.65	0.11	0.6	0.062	2.79	18.2	18.6	0.66	253	5.88	1.03	4.4	2.7
M356644		3.30	15.55	0.14	0.7	0.036	2.50	20.9	22.5	0.75	229	1.65	1.64	6.4	2.5
M356645		6.57	14.10	0.14	0.8	1.405	2.53	23.2	25.9	0.90	1900	12.55	0.04	6.0	15.7
M356646		4.62	18.55	0.15	0.8	0.067	2.47	30.6	15.3	0.91	326	4.23	1.89	5.3	5.2
M356647		3.36	17.10	0.15	0.9	0.052	3.01	26.7	17.0	0.77	328	3.28	0.69	5.7	3.0
M356648		4.56	16.50	0.17	0.7	0.124	3.67	27.8	14.2	0.71	463	5.81	0.08	2.9	3.9
M356649		0.48	0.35	0.14	<0.1	<0.005	0.04	0.5	0.9	12.20	197	0.45	0.01	0.4	2.9
M356650		3.27	17.35	0.18	0.8	0.110	3.35	26.3	20.0	0.70	258	3.58	0.67	4.1	3.4
M356651		3.16	18.70	0.16	0.8	0.060	3.05	32.0	17.6	0.80	275	7.32	1.73	6.1	3.3
M356652		2.65	18.15	0.17	0.8	0.044	3.18	26.0	21.0	0.71	250	8.52	1.63	6.0	3.0
M356653		2.63	17.10	0.16	0.7	0.070	3.01	25.9	25.8	0.90	328	18.30	0.54	5.1	2.9
M356654		2.60	17.45	0.20	0.7	0.067	3.01	25.2	28.4	0.86	353	19.30	0.48	4.8	2.6
M356655		2.61	17.70	0.20	0.7	0.040	2.84	23.3	22.3	0.79	206	10.40	1.24	6.0	2.3
M356656		3.11	20.1	0.16	0.8	0.050	2.99	28.0	26.8	0.67	383	3.96	0.09	6.0	4.5
M356657		3.05	19.40	0.17	0.8	0.052	3.17	27.4	25.8	0.58	358	8.89	0.09	6.0	3.9
M356658		3.17	18.10	0.18	0.7	0.035	3.05	25.5	19.1	0.82	266	14.00	1.17	5.8	3.4
M356659		3.35	18.30	0.18	0.7	0.056	3.12	24.0	20.9	0.85	468	29.6	1.26	5.8	3.0
M356660		2.95	18.50	0.19	0.7	0.035	3.23	24.6	17.9	0.93	293	16.25	1.15	6.2	3.3
M356661		6.08	13.55	0.21	1.6	0.466	1.20	9.2	12.3	1.13	1780	21.7	1.68	3.3	29.3
M356662		3.22	18.45	0.15	0.8	0.035	3.33	25.2	17.2	0.94	448	28.6	0.07	4.8	3.7
M356663		3.58	18.75	0.20	1.8	0.039	3.62	28.6	21.0	0.90	483	61.0	0.06	8.1	5.8
M356664		3.81	18.05	0.18	0.7	0.092	3.56	30.8	11.6	0.96	536	60.0	0.05	3.3	5.2
M356665		4.46	19.60	0.20	0.8	0.063	3.35	29.9	18.0	0.64	878	61.6	0.04	4.3	8.4
M356666		5.80	18.50	0.23	1.7	0.165	3.40	23.7	17.2	0.66	774	48.4	0.06	3.8	15.4
M356667		6.95	18.30	0.21	1.4	0.411	3.46	22.1	12.7	0.44	101	7.76	0.05	3.0	8.2
M356668		0.52	0.65	0.12	<0.1	0.005	0.11	0.6	1.6	12.50	216	0.45	0.01	0.3	4.1
M356669		5.13	19.60	0.20	1.4	0.271	3.73	21.5	8.9	0.46	63	5.48	0.07	3.6	4.1
M356670		6.58	18.50	0.19	1.3	0.344	3.59	13.4	10.2	0.43	50	5.13	0.08	3.2	4.8
M356671		5.41	18.30	0.17	1.5	0.191	3.71	17.0	9.7	0.95	535	5.93	0.06	3.3	7.5
M356672		5.11	16.20	0.18	0.9	0.198	3.59	23.6	9.4	0.89	897	5.71	0.06	2.7	4.8
M356673		5.29	16.10	0.19	1.0	0.182	3.62	23.6	9.4	0.79	915	5.15	0.05	2.8	7.3
M356674		3.42	17.65	0.18	0.6	0.078	3.66	26.8	8.7	1.02	448	6.46	0.05	3.3	3.8
M356675		3.32	16.60	0.20	0.7	0.059	3.40	26.8	13.2	0.81	432	4.25	0.05	3.5	4.9



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**CERTIFICATE OF ANALYSIS WH12219455**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M356640		57.6	181.5	0.005	2.04	13.25	10.6	4	7.2	47.6	0.34	0.05	13.5	0.151	5.3
M356641		51.3	229	0.002	4.63	18.20	10.8	4	30.4	48.9	0.27	0.35	11.6	0.121	3.1
M356642		21.9	128.5	0.005	1.66	8.76	9.3	2	4.1	57.4	0.40	0.17	12.7	0.161	3.2
M356643		19.5	107.0	0.008	1.66	7.06	8.7	2	4.9	236	0.41	0.07	10.8	0.160	2.9
M356644		19.8	96.9	0.003	1.48	1.30	10.4	4	4.5	294	0.57	0.14	11.7	0.209	2.8
M356645		2810	155.0	<0.002	4.62	87.2	8.2	2	7.6	90.0	0.49	0.45	9.9	0.173	4.8
M356646		23.0	119.0	0.005	2.50	1.40	12.3	2	4.2	300	0.45	0.18	12.5	0.193	3.8
M356647		20.5	131.5	0.004	1.45	11.20	12.4	2	3.3	245	0.48	0.14	12.3	0.208	4.2
M356648		98.5	169.5	0.006	3.29	12.55	12.0	3	8.0	54.9	0.25	0.22	12.2	0.149	3.7
M356649		1.4	2.2	<0.002	<0.01	0.06	0.5	1	<0.2	41.6	<0.05	<0.05	<0.2	<0.005	0.6
M356650		20.4	150.5	0.004	1.90	3.46	12.8	3	5.3	199.0	0.35	0.11	11.9	0.174	4.1
M356651		21.8	129.5	0.010	1.46	2.88	13.6	2	4.0	283	0.47	0.13	13.1	0.220	4.3
M356652		18.2	120.5	0.010	1.16	3.15	12.8	2	2.9	349	0.48	0.06	12.9	0.215	3.8
M356653		21.2	138.0	0.017	1.03	57.8	11.9	3	2.9	252	0.41	0.11	11.8	0.201	3.5
M356654		24.8	130.0	0.018	1.02	53.9	11.7	3	2.9	230	0.40	0.08	11.9	0.192	3.4
M356655		19.5	113.0	0.009	1.10	6.96	11.6	3	3.1	283	0.49	0.09	10.9	0.208	3.5
M356656		22.8	129.5	0.005	1.27	7.74	13.9	2	5.4	66.9	0.50	0.06	15.3	0.230	3.3
M356657		39.7	139.5	0.013	1.42	15.80	14.8	2	5.2	70.8	0.50	0.09	14.1	0.232	2.8
M356658		28.2	116.5	0.019	1.31	9.03	13.1	2	2.4	377	0.45	0.06	11.0	0.232	3.3
M356659		99.3	131.0	0.038	1.31	4.45	13.0	2	3.3	291	0.46	0.08	11.2	0.228	3.5
M356660		27.1	121.0	0.013	1.44	5.44	13.7	2	4.6	291	0.46	0.09	11.3	0.233	3.7
M356661		>10000	29.4	0.010	2.45	457	13.6	2	2.1	203	0.20	1.14	2.0	0.257	1.4
M356662		26.2	141.5	0.024	1.88	10.65	12.6	2	5.3	110.5	0.41	0.18	12.4	0.190	5.0
M356663		30.8	150.0	0.062	1.68	8.73	9.5	2	3.9	64.9	0.63	0.11	12.0	0.234	6.2
M356664		63.7	178.0	0.042	2.85	67.2	12.8	3	6.4	43.5	0.29	0.30	13.6	0.149	3.7
M356665		42.3	155.0	0.023	2.60	28.6	14.0	3	4.4	35.9	0.40	0.41	15.4	0.181	7.5
M356666		140.0	159.0	0.026	3.54	127.5	15.3	3	7.7	58.5	0.31	0.27	11.2	0.192	28.1
M356667		179.5	177.0	0.005	2.95	98.4	12.6	3	9.8	71.9	0.24	0.27	10.9	0.145	32.2
M356668		2.0	3.9	<0.002	0.01	0.37	0.6	1	<0.2	42.5	<0.05	<0.05	<0.2	0.011	0.6
M356669		133.5	196.0	0.003	3.34	53.1	8.5	3	11.3	76.6	0.28	0.58	8.9	0.126	9.0
M356670		145.0	175.0	<0.002	5.25	172.0	8.4	3	11.3	61.4	0.25	0.43	7.4	0.117	13.8
M356671		52.8	206	0.002	5.00	12.35	11.8	3	7.9	51.2	0.26	0.24	9.0	0.157	4.5
M356672		212	189.5	0.006	4.59	50.3	13.2	4	7.1	34.4	0.22	0.14	11.2	0.146	3.8
M356673		212	186.0	0.004	4.94	31.7	13.1	4	7.4	32.4	0.21	0.15	10.5	0.146	3.0
M356674		39.4	171.0	0.007	2.78	13.35	13.1	3	6.4	38.4	0.26	0.16	12.6	0.154	2.5
M356675		90.6	153.0	0.007	2.75	9.61	13.0	4	4.6	70.3	0.28	0.07	12.4	0.165	2.8



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 Account: ROCKHA

Project: Klaza-132

**CERTIFICATE OF ANALYSIS WH12219455**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
M356640		62	5.0	12.7	288	17.2	1	
M356641		59	11.1	11.1	123	19.4	2	
M356642		58	3.8	10.6	78	17.8	1	
M356643		56	2.9	10.9	91	18.0	1	
M356644		65	2.2	11.7	84	20.7	<1	
M356645		54	5.0	9.7	5300	25.1	25	
M356646		75	1.2	16.2	142	22.0	<1	
M356647		68	1.5	13.4	87	21.9	<1	
M356648		71	5.0	13.2	383	17.7	1	
M356649		3	<0.1	0.8	14	<0.5	<1	
M356650		73	3.5	13.3	92	20.9	1	
M356651		72	1.9	14.3	119	21.5	1	
M356652		72	2.3	13.0	81	21.4	<1	
M356653		67	3.0	13.2	83	19.8	<1	
M356654		65	3.0	12.6	91	19.7	1	
M356655		66	2.7	12.5	61	21.4	1	
M356656		78	3.2	16.3	214	20.3	1	
M356657		83	3.7	15.9	146	19.5	1	
M356658		79	2.8	14.2	96	19.3	<1	
M356659		74	3.9	14.0	233	19.0	1	
M356660		77	3.6	12.8	94	20.8	1	
M356661		87	0.4	14.8	5370	51.0	106	1.025
M356662		71	4.3	13.9	128	23.3	1	
M356663		65	4.1	14.5	189	60.1	<1	
M356664		65	6.4	13.6	159	18.5	2	
M356665		75	6.0	22.0	487	22.2	1	
M356666		93	10.8	25.7	577	57.2	2	
M356667		76	8.4	17.0	556	50.4	10	
M356668		5	<0.1	1.0	15	0.7	<1	
M356669		56	10.0	8.1	203	46.9	5	
M356670		58	10.4	9.1	294	43.2	4	
M356671		80	7.1	12.2	210	48.0	2	
M356672		75	10.0	12.1	524	25.6	4	
M356673		77	8.9	12.0	487	30.6	3	
M356674		71	7.5	12.2	139	16.0	1	
M356675		68	4.5	12.8	200	18.2	<1	



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**CERTIFICATE OF ANALYSIS WH12219455**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)





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**CERTIFICATE WH12219505**

Project: Klaza-133

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12219505**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356174		7.01	0.009	0.63	6.67	36.4	1920	1.38	0.37	2.28	3.45	41.5	7.2	12	14.90	7.7
M356175		8.46	0.017	0.73	7.24	107.5	1990	1.52	0.47	2.17	1.75	51.5	8.1	10	10.85	6.3
M356176		6.30	0.005	1.09	6.93	10.2	2360	1.43	0.12	2.85	2.91	45.7	5.8	10	9.73	5.3
M356177		7.10	<0.005	0.20	6.87	8.0	1990	1.45	0.11	2.28	1.16	46.1	5.4	10	9.21	5.5
M356178		7.29	<0.005	0.23	7.30	5.4	2070	1.48	0.10	2.23	0.53	47.7	6.2	9	10.30	8.3
M356179		0.23	4.38	>100	5.43	7330	350	0.99	58.9	1.87	221	31.3	9.0	16	11.80	1250
M356180		6.86	<0.005	0.25	7.26	8.0	2010	1.60	0.15	2.34	1.53	47.9	5.9	9	10.05	7.8
M356181		5.76	<0.005	0.18	7.35	7.5	1960	1.81	0.15	2.14	0.31	51.3	5.7	9	10.25	5.3
M356182		7.08	0.009	2.67	7.40	14.9	2120	1.66	0.62	1.84	16.00	55.1	9.5	7	10.70	13.2
M356183		2.89	<0.005	0.02	0.08	<5	30	<0.05	0.03	20.2	0.09	1.36	1.1	<1	0.45	2.9
M356184		4.32	0.031	0.59	7.09	11.5	1960	1.38	3.88	2.22	0.12	46.3	24.5	10	8.56	3.3
M356185		3.06	0.013	0.38	7.21	12.5	2030	1.55	1.61	1.99	0.83	53.6	15.1	8	13.00	2.5
M356186		5.27	<0.005	0.18	7.13	11.1	1830	1.60	0.22	2.00	0.24	44.6	5.9	7	18.05	11.4
M356187		0.22	2.25	24.0	5.85	3160	1430	1.13	18.95	2.05	74.5	43.0	10.2	18	14.90	425
M356188		9.72	<0.005	0.18	6.97	14.7	1970	1.30	0.18	1.98	0.27	40.1	5.8	7	16.35	5.6
M356189		7.35	0.020	1.88	6.67	33.3	1730	1.53	0.70	2.23	3.52	43.8	10.0	7	16.60	6.6
M356190		5.13	0.047	1.87	6.91	21.9	1830	1.54	0.27	2.02	5.16	40.8	6.2	9	22.1	12.5
M356191		2.92	0.823	88.4	3.89	1005	200	0.92	9.03	3.36	209	25.9	5.1	5	11.10	536
M356192		2.37	0.123	7.64	6.66	157.5	630	1.35	3.50	2.48	6.55	47.8	21.5	7	13.90	176.0
M356193		2.44	<0.005	0.16	0.16	<5	50	0.07	0.03	20.3	0.33	3.06	1.3	<1	0.56	2.6
M356194		7.48	<0.005	0.18	7.04	11.3	2110	1.41	0.19	2.26	0.21	44.7	4.4	9	15.30	4.0
M356195		8.07	0.009	0.41	7.09	16.4	2250	1.33	0.20	2.35	0.50	48.7	6.6	10	11.55	5.8
M356196		<0.02	0.005	0.40	7.22	12.7	2300	1.39	0.18	2.45	0.48	49.1	6.0	9	11.50	5.4
M356197		7.77	0.084	0.62	7.15	17.5	2190	1.43	0.17	2.21	5.98	50.1	6.4	8	9.95	9.6
M356198		8.11	0.006	0.47	7.45	14.1	2210	1.43	0.19	2.41	0.64	46.4	6.7	9	9.49	6.7
M356199		6.23	0.010	0.76	7.15	15.8	2120	1.47	0.17	2.31	1.77	45.3	6.5	13	8.30	6.6
M356200		2.27	0.066	11.00	6.41	66.7	1860	1.44	0.67	2.44	60.2	46.3	24.2	8	11.15	75.0
M356201		5.23	<0.005	0.14	7.56	5.0	2280	1.52	0.12	2.24	0.25	49.9	6.2	11	9.67	5.4
M356202		2.56	<0.005	0.14	7.59	5.8	2250	1.45	0.11	2.31	0.19	49.8	6.3	10	9.83	5.4
M356203		6.51	0.016	1.30	6.62	18.9	1870	1.38	0.16	2.46	13.40	45.3	5.3	8	13.05	10.9
M356204		7.49	<0.005	0.10	7.15	4.5	2070	1.39	0.12	2.21	0.11	38.5	5.8	10	11.80	5.5
M356205		6.08	0.021	0.95	6.84	34.4	1740	1.55	0.12	2.43	12.25	38.0	5.6	8	20.4	9.6
M356206		6.50	0.005	0.34	7.15	12.2	2020	1.50	0.40	2.43	0.24	46.4	9.4	8	14.60	8.2
M356207		3.72	0.010	0.75	6.42	40.7	2660	1.32	0.38	2.43	3.74	38.9	9.9	8	13.20	7.6
M356208		3.73	<0.005	0.38	6.70	9.0	2130	1.47	0.24	2.34	2.17	38.5	6.2	8	11.20	6.0
M356209		2.85	1.030	28.3	5.31	2840	1060	1.29	2.35	1.28	188.0	34.9	6.1	7	11.35	270



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12219505**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356174		2.66	16.20	0.17	1.4	0.070	2.90	20.1	43.7	0.56	760	2.85	1.24	7.9	2.6	480
M356175		3.02	16.55	0.17	1.4	0.068	2.93	25.7	32.8	0.72	916	2.22	1.61	8.6	2.8	550
M356176		2.52	15.85	0.19	1.4	0.035	2.78	22.2	13.6	0.63	752	2.79	1.73	8.2	2.7	490
M356177		2.52	15.35	0.16	1.4	0.031	2.77	22.3	12.2	0.64	627	1.40	2.06	8.1	2.4	490
M356178		2.63	16.15	0.18	1.6	0.026	2.63	23.5	15.5	0.73	593	1.33	2.22	8.5	2.6	520
M356179		8.07	13.15	0.14	1.0	4.53	2.20	16.0	27.0	0.61	3050	15.50	0.08	5.6	14.9	450
M356180		2.58	16.10	0.16	1.7	0.030	2.76	23.6	16.8	0.68	561	1.23	2.22	8.8	2.8	500
M356181		2.41	16.55	0.18	1.9	0.030	2.76	25.4	14.4	0.63	516	1.27	2.30	9.6	2.4	490
M356182		2.75	16.25	0.18	1.9	0.074	2.95	28.7	52.1	0.61	783	1.61	1.37	9.5	2.7	480
M356183		0.48	0.39	0.08	<0.1	<0.005	0.04	0.6	1.1	12.20	205	0.12	0.01	0.3	1.8	180
M356184		3.36	15.90	0.08	1.6	0.054	3.01	23.9	9.6	0.73	692	2.13	1.67	8.8	2.3	490
M356185		2.96	16.30	0.13	1.9	0.064	3.00	26.9	35.3	0.59	622	1.54	1.73	10.0	2.3	530
M356186		2.37	16.50	0.15	1.8	0.033	2.88	21.3	64.8	0.54	475	1.58	1.44	9.8	2.3	480
M356187		6.46	14.10	0.13	0.9	1.670	2.49	23.2	20.4	0.86	1800	13.50	0.04	5.9	16.2	420
M356188		2.55	16.50	0.15	1.6	0.039	2.94	19.0	59.8	0.53	595	1.11	1.23	9.1	2.4	510
M356189		2.72	15.60	0.14	1.4	0.035	3.00	21.1	42.2	0.68	861	1.17	0.83	8.5	2.4	480
M356190		2.69	16.35	0.15	1.6	0.035	3.05	19.2	41.4	0.53	792	2.00	1.10	8.8	2.4	500
M356191		4.35	9.16	0.09	0.6	0.677	1.68	12.5	26.6	1.07	3150	7.59	0.02	4.2	2.2	250
M356192		4.29	14.55	0.12	1.1	0.189	3.12	25.7	15.0	0.81	2540	2.58	0.03	7.1	3.9	470
M356193		0.50	0.55	0.08	<0.1	<0.005	0.07	1.4	2.2	12.25	223	0.61	0.01	0.7	2.2	190
M356194		2.75	16.55	0.09	1.2	0.052	2.95	21.3	82.1	0.66	666	2.06	1.16	8.2	2.2	570
M356195		2.83	16.35	0.14	1.2	0.038	2.76	23.2	8.6	0.71	653	2.84	2.06	8.2	2.5	560
M356196		2.79	16.30	0.17	1.3	0.035	2.83	23.5	9.3	0.72	663	3.45	2.08	8.1	2.5	550
M356197		2.96	16.35	0.15	1.2	0.045	2.80	24.0	11.5	0.72	899	3.61	1.92	8.1	2.7	540
M356198		2.94	16.70	0.16	1.2	0.037	2.71	22.4	11.9	0.76	734	4.00	2.06	8.3	2.8	560
M356199		2.92	16.45	0.16	1.2	0.040	2.65	21.9	10.0	0.74	688	3.87	2.01	8.0	2.7	560
M356200		3.57	15.35	0.13	1.1	0.100	2.73	22.2	20.3	0.58	1560	1.75	0.50	7.1	3.4	510
M356201		2.87	16.80	0.17	1.4	0.038	2.68	24.4	10.8	0.80	584	0.90	2.28	8.2	2.8	550
M356202		3.01	17.05	0.18	1.3	0.037	2.72	24.2	11.1	0.85	677	1.17	2.28	8.4	2.8	590
M356203		3.14	16.20	0.16	1.3	0.100	2.94	21.2	22.9	0.69	1380	0.97	1.11	8.1	2.7	570
M356204		2.56	15.55	0.14	1.4	0.031	2.70	18.7	13.1	0.65	518	1.82	2.08	7.8	3.6	510
M356205		2.54	15.95	0.16	1.4	0.038	2.92	17.8	30.3	0.71	789	1.76	1.28	8.3	2.6	500
M356206		2.61	16.85	0.17	1.6	0.037	2.78	22.2	17.1	0.65	587	1.22	1.95	8.5	2.5	510
M356207		2.08	14.15	0.10	1.5	0.034	2.99	17.7	30.3	0.52	705	2.16	0.50	6.8	2.7	510
M356208		2.53	14.80	0.10	1.7	0.048	3.03	18.5	18.6	0.61	678	1.47	1.55	7.7	2.3	500
M356209		5.13	12.85	0.10	1.1	3.26	2.44	18.3	51.9	0.54	2340	3.62	0.04	5.6	2.2	380



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**CERTIFICATE OF ANALYSIS WH12219505**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356174		123.0	122.5	<0.002	0.22	5.42	10.2	2	1.6	237	0.73	0.09	13.1	0.218	1.59	4.1
M356175		139.0	124.0	<0.002	0.25	4.71	11.0	2	1.7	275	0.78	0.06	16.4	0.230	1.50	4.8
M356176		165.5	114.5	<0.002	0.08	5.25	10.1	2	1.4	285	0.73	<0.05	14.8	0.215	1.33	5.0
M356177		45.8	106.0	<0.002	0.04	2.70	9.9	2	1.3	315	0.76	<0.05	15.5	0.211	1.14	5.0
M356178		62.2	105.0	<0.002	0.03	2.04	10.6	2	1.4	350	0.78	<0.05	15.3	0.227	1.07	5.3
M356179		9630	131.5	<0.002	6.87	215	7.9	3	8.3	116.0	0.44	0.40	8.3	0.176	2.10	5.3
M356180		39.6	111.0	<0.002	0.05	1.87	10.4	2	1.4	331	0.87	<0.05	16.8	0.223	1.06	6.7
M356181		32.7	123.0	<0.002	0.04	1.93	10.4	2	1.4	323	1.06	<0.05	17.3	0.211	1.08	7.9
M356182		461	135.0	<0.002	0.36	9.56	10.6	2	1.6	234	1.05	0.18	18.3	0.213	1.44	9.3
M356183		2.3	3.2	<0.002	<0.01	<0.05	0.3	1	<0.2	51.8	<0.05	<0.05	0.2	<0.005	0.02	0.6
M356184		17.3	128.5	<0.002	1.40	2.04	10.0	2	1.8	252	0.96	1.55	15.7	0.217	1.46	7.0
M356185		26.4	125.5	<0.002	0.72	2.46	10.4	2	1.8	239	1.19	0.57	15.5	0.215	1.36	7.6
M356186		30.2	126.5	<0.002	0.13	6.38	9.9	2	1.5	262	1.13	0.05	16.1	0.214	1.22	6.4
M356187		2770	157.5	<0.002	4.56	85.7	8.7	2	7.7	89.2	0.46	0.39	10.7	0.170	2.28	5.2
M356188		26.0	121.0	<0.002	0.08	6.86	10.0	1	1.5	236	0.91	<0.05	14.2	0.219	1.38	5.4
M356189		207	120.5	<0.002	0.41	6.06	9.8	1	1.7	164.0	0.81	0.26	14.3	0.211	1.78	5.9
M356190		475	131.5	<0.002	0.19	7.63	10.2	2	1.7	201	0.86	0.09	15.3	0.218	1.94	5.7
M356191		>10000	104.5	0.002	3.53	221	6.0	3	2.1	70.5	0.36	0.12	7.1	0.119	1.80	10.2
M356192		533	182.5	<0.002	2.65	65.2	10.6	2	1.8	49.6	0.63	0.55	13.1	0.207	2.92	6.7
M356193		31.4	3.4	<0.002	0.01	0.44	0.4	2	<0.2	51.5	<0.05	<0.05	0.3	0.005	0.02	0.7
M356194		24.8	123.0	<0.002	0.11	7.71	10.9	1	1.8	227	0.69	<0.05	11.7	0.237	1.59	3.5
M356195		98.8	114.0	<0.002	0.11	3.61	10.5	1	1.6	311	0.70	<0.05	12.5	0.232	1.32	4.1
M356196		91.7	115.0	<0.002	0.09	3.49	10.7	2	1.6	314	0.69	<0.05	13.2	0.233	1.32	4.2
M356197		120.5	119.5	<0.002	0.17	4.12	11.1	2	1.7	299	0.68	<0.05	13.5	0.227	1.42	4.5
M356198		117.5	116.5	<0.002	0.09	3.72	11.9	2	1.8	334	0.71	<0.05	13.4	0.240	1.30	4.5
M356199		212	105.0	<0.002	0.07	3.35	11.5	2	1.6	337	0.66	<0.05	12.8	0.237	1.22	3.7
M356200		2280	117.5	<0.002	0.74	14.45	10.6	2	2.1	105.5	0.56	0.16	12.4	0.222	2.07	4.0
M356201		24.0	113.0	<0.002	0.01	1.97	12.0	2	1.5	365	0.68	<0.05	14.1	0.237	1.19	4.5
M356202		23.4	113.5	<0.002	0.02	2.69	12.8	2	1.6	356	0.70	<0.05	13.7	0.248	1.23	4.4
M356203		99.6	127.5	<0.002	0.27	6.44	11.4	2	1.8	188.5	0.67	<0.05	11.8	0.241	2.05	4.2
M356204		19.5	110.5	<0.002	0.02	2.04	10.1	2	1.3	329	0.71	<0.05	13.6	0.220	1.13	4.7
M356205		191.0	118.5	<0.002	0.17	7.01	10.1	2	1.5	228	0.77	<0.05	13.9	0.217	1.72	4.8
M356206		36.1	115.0	<0.002	0.21	2.81	10.9	2	1.5	309	0.75	0.14	16.9	0.224	1.35	5.6
M356207		238	120.0	0.002	0.36	34.1	8.4	1	1.0	171.0	0.68	0.14	14.9	0.201	1.94	23.6
M356208		29.7	122.0	<0.002	0.13	6.66	8.6	1	1.4	264	0.74	<0.05	16.6	0.219	1.74	8.3
M356209		6790	146.0	0.002	4.36	57.5	7.8	1	3.6	56.5	0.46	0.08	12.1	0.163	2.38	5.4



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**CERTIFICATE OF ANALYSIS WH12219505**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356174		58	1.5	13.7	281	39.3			
M356175		64	1.4	15.6	181	42.0			
M356176		57	1.4	16.0	256	43.3			
M356177		56	1.4	15.2	114	44.7			
M356178		61	1.5	16.3	69	49.6			
M356179		51	4.4	9.4	>10000	32.0	120		1.615
M356180		59	2.3	17.0	152	49.7			
M356181		55	1.7	18.1	50	55.2			
M356182		56	2.7	17.0	1250	52.9			
M356183		3	0.1	0.9	17	<0.5			
M356184		60	1.3	13.6	43	45.6			
M356185		58	1.8	15.5	90	51.2			
M356186		57	1.7	16.6	45	50.0			
M356187		53	5.0	10.0	5140	27.1			
M356188		59	2.0	14.4	53	47.9			
M356189		55	2.4	13.3	312	44.9			
M356190		58	1.9	13.6	415	47.6			
M356191		38	2.5	9.1	>10000	19.9		2.13	1.600
M356192		58	2.7	11.7	617	30.3			
M356193		3	0.2	1.1	37	0.6			
M356194		65	2.3	14.4	53	34.3			
M356195		64	1.9	15.5	72	35.0			
M356196		64	1.9	15.5	71	36.3			
M356197		63	1.7	15.7	430	36.0			
M356198		66	1.9	17.3	83	36.3			
M356199		67	1.5	15.9	151	35.5			
M356200		63	3.0	11.7	3520	32.1			
M356201		66	0.9	17.2	46	39.8			
M356202		70	1.1	17.8	48	37.6			
M356203		72	2.0	14.5	898	39.3			
M356204		60	0.8	15.0	37	40.5			
M356205		58	2.2	14.3	819	43.8			
M356206		61	1.3	14.9	48	49.6			
M356207		56	4.4	9.5	279	37.0			
M356208		58	1.5	12.3	189	42.8			
M356209		47	4.3	8.8	>10000	26.8			1.640



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**CERTIFICATE OF ANALYSIS WH12219505**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12219506**

Project: Klaza-133

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219506**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356210		5.27	0.005	0.35	7.22	9.2	2100	1.48	0.22	2.47	1.42	49.4	6.6	9	11.35	8.5
M356211		6.03	<0.005	0.11	7.07	5.3	1980	1.57	0.17	2.35	0.25	48.0	5.5	11	10.50	4.0
M356212		4.64	0.011	0.29	6.80	20.4	2260	1.46	0.29	2.33	0.14	39.4	7.9	8	10.65	1.6
M356213		5.16	<0.005	0.10	7.16	7.5	2190	1.61	0.17	2.25	0.19	47.0	7.0	8	10.75	5.2
M356214		0.25	2.25	27.0	6.03	3210	1450	1.39	22.3	2.12	80.9	44.6	11.1	19	15.25	418
M356215		8.45	<0.005	0.12	7.54	5.0	2130	1.70	0.20	2.48	0.15	53.0	7.7	11	7.26	11.4
M356216		2.91	0.078	19.20	6.90	482	3640	1.71	0.41	2.70	56.3	44.3	7.3	8	16.05	46.5
M356217		4.06	<0.005	0.02	0.05	<5	40	0.06	0.02	20.4	0.10	1.12	1.0	<1	0.14	1.8
M356218		5.43	<0.005	0.19	7.41	6.6	2190	1.57	0.22	2.58	0.27	46.5	7.1	10	8.03	7.0
M356219		8.17	<0.005	0.12	7.60	5.7	2250	1.68	0.16	2.52	0.12	48.2	7.5	12	7.05	7.2
M356220		0.25	2.21	25.9	6.06	3250	1690	1.32	22.6	2.14	83.5	43.2	11.3	19	15.50	421
M356221		8.78	<0.005	0.12	7.47	5.9	2080	1.61	0.17	2.40	0.15	47.9	7.6	9	5.54	6.7
M356222		9.72	<0.005	0.11	7.41	6.7	2140	1.63	0.23	2.41	0.12	45.7	7.7	9	6.30	6.0
M356223		2.86	1.615	>100	6.42	1265	750	1.59	1.86	2.15	345	41.4	6.8	6	15.10	234
M356224		3.49	<0.005	0.06	0.06	<5	40	0.07	0.02	20.2	0.24	1.24	1.0	<1	0.18	2.1
M356225		2.79	0.013	0.36	7.13	27.9	1610	1.56	0.24	2.48	0.55	47.2	5.8	6	19.95	5.4
M356226		4.29	0.043	2.30	7.28	155.5	2000	1.49	0.44	1.86	19.30	47.1	6.3	9	11.20	13.9
M356227		6.88	<0.005	0.35	7.37	10.8	2070	1.65	0.62	2.32	1.10	49.9	13.2	10	8.68	4.3
M356228		7.76	<0.005	0.13	6.76	10.2	1880	1.42	0.20	2.69	0.16	41.6	6.9	6	11.30	4.5
M356229		2.57	0.047	4.74	6.62	96.9	2190	1.24	0.35	4.01	50.9	43.4	5.8	5	12.30	35.2
M356230		4.83	<0.005	0.09	7.36	5.4	2100	1.53	0.17	2.29	0.12	48.9	7.2	8	10.20	5.3
M356231		4.01	0.015	0.54	7.41	36.4	2030	1.47	0.24	2.11	1.49	43.7	8.1	9	12.25	6.2
M356232		7.52	<0.005	0.08	7.44	6.8	2140	1.63	0.16	2.25	0.12	45.9	7.3	10	8.33	5.0
M356233		<0.02	<0.005	0.07	7.30	6.0	2050	1.58	0.14	2.16	0.13	43.7	6.8	8	8.05	5.0
M356234		7.55	<0.005	0.21	7.21	7.6	2070	1.75	0.43	2.23	0.45	47.3	8.1	10	6.51	9.6
M356235		5.00	<0.005	0.13	7.22	9.8	2060	1.74	0.26	2.24	0.10	44.5	6.3	11	5.52	3.9
M356236		2.76	0.006	2.20	7.29	21.6	1880	1.65	0.29	2.51	2.07	46.6	6.3	8	9.58	51.1
M356237		6.16	<0.005	0.08	7.57	8.1	2060	1.62	0.19	2.24	0.12	52.9	7.1	9	5.56	5.0
M356238		2.34	<0.005	0.07	7.43	7.6	2050	1.64	0.18	2.16	0.14	48.0	6.9	7	5.55	4.7
M356239		8.97	<0.005	0.07	7.36	8.6	2120	1.56	0.22	2.15	0.12	47.2	5.9	9	5.84	2.9
M356240		8.06	<0.005	0.10	6.79	5.9	1870	1.54	0.22	2.52	0.11	43.7	4.9	9	7.41	2.5
M356241		3.18	0.005	0.30	6.75	17.4	3120	1.58	0.26	2.51	0.55	79.6	7.1	8	9.81	0.9
M356242		6.53	0.112	5.23	7.00	88.7	320	1.47	4.96	3.43	2.07	>500	72.7	6	10.40	6.6
M356243		6.17	0.058	2.45	7.55	57.7	1250	1.63	1.98	2.59	6.29	218	6.9	7	15.10	5.1
M356244		5.34	0.089	4.26	7.30	103.5	660	1.61	0.80	2.96	6.12	55.1	4.9	6	14.80	8.0
M356245		4.10	0.125	7.50	6.69	66.8	1370	1.24	0.46	2.68	7.59	44.9	3.8	5	14.55	18.5





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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12219506**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356210		2.88	16.30	0.11	1.2	0.072	2.72	24.1	14.7	0.80	939	3.00	1.86	8.3	2.2	550
M356211		2.88	15.70	0.11	1.2	0.074	2.75	23.6	12.2	0.73	847	6.86	1.66	8.2	2.3	520
M356212		3.21	15.45	0.13	1.2	0.060	2.71	19.3	17.4	0.68	827	3.27	1.55	8.3	2.7	520
M356213		2.72	17.05	0.12	1.3	0.047	2.65	22.8	13.1	0.77	560	1.61	2.27	8.9	2.2	550
M356214		6.53	14.50	0.13	0.9	1.830	2.47	24.5	25.5	0.91	1830	13.30	0.04	6.4	14.8	420
M356215		2.87	17.60	0.12	1.5	0.051	2.54	25.9	12.7	0.80	628	1.41	2.25	9.2	2.6	550
M356216		3.23	16.35	0.12	1.4	0.120	2.76	21.4	24.2	0.74	1600	1.00	1.40	8.6	2.2	510
M356217		0.46	0.23	0.11	<0.1	<0.005	0.02	0.5	1.2	12.70	209	0.11	0.01	0.3	1.8	160
M356218		2.84	16.10	0.13	1.4	0.052	2.62	22.3	13.2	0.80	741	0.83	2.26	8.9	2.2	550
M356219		2.90	17.20	0.13	1.3	0.052	2.61	23.5	14.4	0.81	652	1.06	2.47	9.4	2.5	560
M356220		6.70	14.60	0.13	0.9	1.835	2.52	23.0	25.8	0.94	1850	14.05	0.04	6.6	15.0	420
M356221		2.79	16.90	0.11	1.2	0.047	2.48	24.4	11.4	0.79	593	0.89	2.40	8.9	2.3	550
M356222		2.82	17.10	0.12	1.4	0.052	2.50	22.9	11.7	0.81	611	2.68	2.31	9.1	2.5	560
M356223		3.93	15.30	0.12	1.2	0.589	2.69	20.4	79.4	0.65	2360	1.65	0.60	7.3	2.0	460
M356224		0.46	0.27	0.11	<0.1	0.005	0.03	0.6	1.3	12.50	204	0.09	0.01	0.3	1.6	170
M356225		2.95	15.55	0.14	1.4	0.105	3.12	23.3	28.2	0.72	2040	1.21	0.97	8.8	2.2	530
M356226		3.71	15.95	0.13	1.3	0.106	2.97	24.3	24.7	0.76	1510	1.27	0.80	8.1	2.0	520
M356227		2.89	16.70	0.13	1.6	0.053	2.60	25.5	14.0	0.71	722	0.74	1.95	8.6	2.3	530
M356228		2.68	16.05	0.12	1.4	0.049	2.53	20.3	32.9	0.64	615	0.69	1.32	8.4	2.1	530
M356229		3.41	15.20	0.13	1.2	0.123	2.74	21.8	24.0	0.68	1290	0.48	0.61	7.9	1.9	510
M356230		2.79	16.80	0.14	1.3	0.053	2.71	24.3	11.7	0.75	566	0.69	2.24	8.6	2.4	540
M356231		2.94	16.80	0.13	1.5	0.056	2.92	22.1	14.8	0.73	761	0.62	1.91	8.7	2.5	540
M356232		2.82	17.50	0.13	1.4	0.048	2.56	22.5	14.1	0.83	554	0.99	2.43	9.1	2.6	560
M356233		2.71	16.70	0.14	1.4	0.045	2.47	22.0	13.2	0.81	528	0.96	2.34	8.6	2.4	540
M356234		2.63	16.55	0.14	1.5	0.045	2.57	23.2	10.8	0.74	526	1.04	2.33	9.1	2.3	520
M356235		2.69	16.45	0.13	1.4	0.051	2.60	22.4	10.0	0.76	546	1.92	2.42	9.5	2.3	510
M356236		2.70	16.95	0.13	1.4	0.068	2.80	22.8	11.6	0.64	723	0.94	1.86	8.9	2.2	520
M356237		2.65	17.10	0.16	1.4	0.044	2.55	27.9	9.8	0.81	531	1.28	2.48	9.1	2.4	530
M356238		2.57	16.80	0.15	1.5	0.041	2.56	25.0	9.3	0.78	514	1.54	2.44	8.8	2.2	510
M356239		2.62	17.20	0.14	1.4	0.047	2.64	24.7	10.6	0.80	490	2.93	2.49	8.8	2.3	520
M356240		2.43	16.65	0.15	1.3	0.055	2.47	21.5	9.6	0.62	556	1.96	2.15	8.6	2.3	500
M356241		1.93	16.15	0.16	1.2	0.127	2.53	45.3	10.7	0.63	1140	1.13	0.85	8.4	1.4	490
M356242		5.99	21.5	0.41	1.4	0.553	3.32	369	7.9	0.93	3410	0.73	0.12	7.3	3.0	630
M356243		3.22	18.30	0.20	1.3	0.180	2.95	134.5	13.9	0.75	1930	3.09	0.45	8.0	2.2	520
M356244		4.88	17.30	0.15	1.3	0.121	2.92	29.3	21.0	0.87	2460	0.47	0.29	7.5	2.2	530
M356245		3.26	13.70	0.08	1.2	0.105	2.96	24.8	12.5	0.81	2380	0.83	0.42	7.3	2.2	470



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**CERTIFICATE OF ANALYSIS WH12219506**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356210		93.3	118.0	<0.002	0.07	2.98	11.0	1	1.8	298	0.67	<0.05	13.4	0.242	1.51	3.9
M356211		46.9	125.5	<0.002	0.09	2.38	10.5	1	1.7	281	0.64	<0.05	14.2	0.227	1.61	4.0
M356212		14.0	111.5	<0.002	0.35	3.80	10.5	1	1.8	194.0	0.67	0.08	13.1	0.231	1.80	4.0
M356213		19.5	105.0	<0.002	0.04	1.65	11.2	1	1.6	337	0.74	<0.05	14.7	0.242	1.30	4.3
M356214		2720	161.5	<0.002	4.58	94.2	8.6	2	8.4	92.6	0.50	0.41	10.9	0.173	2.33	5.0
M356215		20.5	109.5	<0.002	0.03	1.21	11.7	1	1.6	356	0.74	<0.05	15.9	0.243	1.14	4.5
M356216		5790	115.0	<0.002	0.91	23.6	10.2	1	1.8	267	0.74	<0.05	13.2	0.226	1.78	4.5
M356217		4.7	1.0	<0.002	<0.01	<0.05	0.2	1	<0.2	52.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M356218		33.9	98.3	<0.002	0.02	1.71	9.7	1	1.6	353	0.76	<0.05	13.4	0.245	1.20	4.3
M356219		20.0	102.0	<0.002	0.01	1.40	11.0	1	1.6	404	0.78	<0.05	14.0	0.250	1.10	4.0
M356220		2760	162.5	0.002	4.71	95.0	8.6	2	8.3	94.7	0.50	0.64	10.9	0.175	2.35	5.1
M356221		19.5	101.5	<0.002	0.02	1.28	11.3	1	1.6	368	0.70	<0.05	14.3	0.245	0.99	4.4
M356222		20.3	97.0	<0.002	0.01	1.50	11.5	1	1.7	370	0.78	<0.05	14.0	0.244	1.05	4.7
M356223		>10000	127.5	<0.002	2.84	125.0	10.1	2	2.6	156.5	0.66	0.08	10.8	0.200	2.10	3.7
M356224		16.0	1.4	<0.002	<0.01	0.08	0.2	1	<0.2	52.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M356225		58.5	141.0	<0.002	0.24	7.76	10.4	1	2.0	213	0.76	<0.05	14.0	0.241	2.29	5.0
M356226		624	154.0	<0.002	0.65	6.06	10.5	1	2.2	147.0	0.70	0.06	14.9	0.219	2.32	4.8
M356227		71.5	122.5	<0.002	0.38	2.72	10.9	1	1.8	266	0.77	0.22	15.0	0.226	1.41	4.8
M356228		20.6	100.0	<0.002	0.07	3.76	10.5	1	1.6	217	0.73	<0.05	11.9	0.230	1.35	3.8
M356229		767	118.0	<0.002	0.58	10.30	10.3	1	2.1	199.5	0.64	<0.05	12.2	0.225	1.88	3.5
M356230		17.6	111.5	<0.002	0.03	2.36	11.4	1	1.6	336	0.69	<0.05	13.3	0.246	1.17	4.0
M356231		86.2	126.5	<0.002	0.34	4.17	11.1	1	1.7	301	0.69	<0.05	13.0	0.247	1.46	4.1
M356232		18.7	103.0	<0.002	0.02	1.77	11.7	1	1.7	382	0.72	<0.05	12.6	0.247	1.02	3.9
M356233		18.0	101.5	<0.002	0.01	1.66	11.4	1	1.6	367	0.69	<0.05	13.0	0.235	0.96	4.2
M356234		108.5	108.5	<0.002	0.11	1.68	10.6	1	1.6	337	0.84	0.15	15.5	0.228	1.02	5.6
M356235		15.7	104.5	<0.002	0.08	1.77	10.6	1	1.6	334	0.98	0.06	14.6	0.230	1.03	5.4
M356236		172.0	122.0	<0.002	0.15	3.58	10.8	1	1.6	278	0.77	<0.05	14.6	0.231	1.55	4.8
M356237		19.2	112.5	<0.002	0.01	1.11	11.7	1	1.5	371	0.80	<0.05	17.4	0.234	0.97	5.4
M356238		20.3	110.5	<0.002	0.01	1.10	11.1	1	1.6	364	0.79	<0.05	15.8	0.230	0.98	5.2
M356239		18.1	108.5	<0.002	0.03	1.44	10.8	1	1.7	368	0.75	<0.05	15.1	0.231	0.99	5.1
M356240		16.2	98.8	<0.002	0.10	1.80	10.0	1	1.8	287	0.77	<0.05	13.4	0.226	1.22	4.4
M356241		31.9	117.0	<0.002	0.45	4.64	10.8	1	2.8	122.5	0.71	0.10	13.4	0.214	2.31	4.5
M356242		457	163.5	<0.002	4.05	7.74	12.9	2	4.8	84.6	0.70	1.35	19.0	0.222	3.15	5.5
M356243		524	156.5	<0.002	1.40	6.48	11.0	1	3.5	110.0	0.75	0.38	18.7	0.221	3.00	5.6
M356244		1085	153.0	<0.002	2.33	11.80	10.5	1	2.5	147.5	0.69	0.23	15.1	0.191	3.08	4.8
M356245		2580	158.5	<0.002	1.17	12.45	8.5	1	1.8	123.5	0.66	0.08	15.6	0.198	2.60	5.6



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**CERTIFICATE OF ANALYSIS WH12219506**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356210		67	2.3	15.9	118	33.6			
M356211		62	1.3	14.9	53	35.2			
M356212		64	2.1	12.1	54	34.0			
M356213		66	1.0	16.8	41	38.6			
M356214		56	5.0	10.2	5260	25.3			
M356215		66	1.3	18.0	46	45.4			
M356216		63	2.6	14.9	3430	40.4			
M356217		2	0.1	0.8	20	<0.5			
M356218		67	1.3	16.4	56	39.6			
M356219		68	0.8	17.7	43	39.5			
M356220		55	5.1	10.1	5290	25.9			
M356221		67	0.6	17.1	45	38.1			
M356222		67	1.1	17.7	46	40.4			
M356223		57	2.4	13.0	>10000	35.6	105	3.24	2.18
M356224		2	0.1	0.8	31	<0.5			
M356225		66	2.2	15.2	65	41.1			
M356226		61	2.6	12.5	1120	39.5			
M356227		63	1.5	15.6	110	46.8			
M356228		63	2.2	15.2	47	42.5			
M356229		62	3.0	15.0	3150	37.7			
M356230		67	0.9	16.0	44	39.8			
M356231		66	1.3	15.8	128	45.1			
M356232		68	1.2	17.1	42	41.0			
M356233		64	1.0	16.7	41	39.4			
M356234		63	1.5	17.3	59	44.2			
M356235		63	1.6	17.1	39	41.6			
M356236		63	2.1	16.2	159	43.2			
M356237		64	1.3	18.4	40	43.9			
M356238		63	1.7	17.5	40	43.9			
M356239		62	3.7	17.0	37	43.7			
M356240		61	1.3	14.1	35	41.2			
M356241		63	1.8	10.6	67	38.5			
M356242		90	3.9	18.0	159	42.3			
M356243		65	2.9	14.9	446	39.8			
M356244		57	2.0	13.2	393	40.0			
M356245		55	2.2	12.8	532	35.8			



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**CERTIFICATE OF ANALYSIS WH12219506**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12219507**

Project: Klaza-133

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219507**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356246		2.44	0.548	22.1	6.00	318	1390	1.11	0.55	3.02	8.71	45.2	5.5	9	15.25	38.0
M356247		3.31	<0.005	0.05	0.05	7	30	<0.05	0.02	19.50	0.07	1.11	0.8	<1	0.16	1.0
M356248		6.36	0.036	0.84	6.22	97.5	1570	1.26	0.31	2.14	4.32	40.6	4.4	8	13.30	10.5
M356249		2.94	0.006	0.14	6.91	13.2	1830	1.32	0.17	2.41	0.13	46.7	6.2	8	14.50	6.0
M356250		2.96	0.027	2.01	6.90	36.0	1620	1.31	0.47	2.16	0.92	46.3	5.8	7	17.85	6.5
M356251		7.53	<0.005	0.12	6.64	9.1	1820	1.44	0.16	2.22	0.10	46.6	5.4	9	11.70	4.0
M356252		<0.02	<0.005	0.11	6.85	8.5	1830	1.39	0.17	2.20	0.11	47.2	5.3	9	11.60	3.6
M356253		4.13	0.033	1.13	6.24	88.8	1220	1.35	0.21	2.56	3.48	43.1	4.3	7	22.3	9.0
M356254		3.74	<0.005	0.36	6.87	13.7	1880	1.59	0.24	2.38	1.81	45.5	5.4	8	15.10	15.9
M356255		2.67	0.033	2.68	6.94	63.5	1130	1.39	1.54	2.39	21.5	44.4	15.0	8	11.35	17.7
M356256		5.66	<0.005	0.14	7.39	7.5	2060	1.38	0.56	2.59	0.16	49.6	8.3	11	10.55	3.7
M356257		3.80	<0.005	0.11	7.42	7.3	2100	1.46	0.25	2.29	0.14	49.5	5.7	8	7.36	9.2
M356258		3.33	0.022	0.72	7.05	20.5	1950	1.34	0.34	2.59	4.48	46.9	8.8	9	9.73	13.1
M356259		3.56	<0.005	0.12	7.43	7.6	2140	1.46	0.24	2.59	0.15	49.2	7.1	10	10.55	6.5
M356260		1.87	<0.005	0.16	7.26	8.2	2100	1.44	0.22	2.56	0.37	51.3	6.5	9	10.35	7.3
M356261		2.37	0.032	0.53	7.32	21.6	1940	1.35	0.27	2.60	1.23	50.4	7.6	11	12.55	5.8
M356262		0.26	4.35	>100	5.17	7260	1130	1.03	59.7	1.87	214	35.5	8.5	15	12.00	1220
M356263		5.55	<0.005	0.56	6.79	15.1	2060	1.46	0.26	2.81	0.65	42.1	7.1	10	15.55	6.2
M356264		4.05	0.075	1.81	6.58	185.0	1260	1.34	0.22	2.75	11.75	47.8	6.9	7	27.5	19.8
M356265		2.91	0.063	2.38	6.63	113.0	1540	1.43	0.26	2.73	10.15	45.5	6.9	8	29.2	15.4
M356266		3.79	0.010	0.33	6.79	55.2	1700	1.50	0.23	2.40	0.67	42.8	5.7	9	27.0	8.1
M356267		3.22	0.137	1.43	6.54	345	680	1.48	0.38	3.36	5.54	49.2	6.2	7	22.4	8.7
M356268		3.70	<0.005	0.09	7.25	5.6	2070	1.47	0.36	2.67	0.14	47.5	6.2	9	11.55	3.3
M356269		8.64	<0.005	0.09	7.39	7.1	2240	1.54	0.21	2.37	0.15	50.1	6.8	13	9.09	4.8
M356270		0.25	4.36	>100	5.22	7390	1140	0.99	59.7	1.95	222	34.4	8.7	17	12.45	1280
M356271		8.87	<0.005	0.16	7.02	10.3	2120	1.45	0.35	2.61	0.23	45.1	6.6	9	11.40	6.9
M356272		7.09	<0.005	0.10	7.13	10.3	2150	1.46	0.27	2.70	0.14	43.9	7.2	10	18.35	4.6
M356273		2.73	0.170	1.35	6.99	1490	1610	1.28	1.19	2.28	5.29	46.4	6.9	8	18.45	11.9
M356274		2.70	3.22	>100	4.14	>10000	630	0.83	56.2	1.24	417	30.8	12.4	6	8.96	2450
M356275		2.46	1.505	35.5	4.91	4050	280	0.91	32.9	0.89	55.7	33.6	68.6	8	5.59	446
M356276		4.07	0.070	3.62	7.16	256	220	1.33	3.69	1.73	3.98	53.0	34.9	6	10.15	33.3
M356277		2.37	0.028	1.77	7.11	63.5	1090	1.53	1.97	1.45	5.69	55.9	4.5	7	16.35	24.2
M356278		2.46	<0.005	0.04	0.07	<5	30	<0.05	0.03	20.8	0.09	1.63	0.9	<1	0.17	0.5
M356279		3.01	0.010	1.02	6.36	29.9	2120	1.50	2.63	2.61	0.62	42.7	5.6	7	15.25	6.9
M356280		6.59	<0.005	0.29	6.90	15.4	1840	1.50	0.30	2.58	0.87	48.1	5.8	11	11.30	8.1
M356281		4.18	<0.005	0.29	7.03	7.8	2040	1.51	0.33	2.38	0.64	42.4	6.7	9	11.80	5.2



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**CERTIFICATE OF ANALYSIS WH12219507**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356246		3.80	12.05	0.11	1.2	0.290	2.82	25.0	13.7	1.02	2240	0.68	0.25	6.7	2.6	430
M356247		0.46	0.15	<0.05	<0.1	<0.005	0.02	0.5	0.7	11.70	201	0.09	0.01	0.2	1.9	140
M356248		2.67	14.15	0.08	1.3	0.064	2.99	19.8	15.7	0.58	916	0.76	0.79	7.9	2.5	490
M356249		2.67	15.30	0.09	1.5	0.040	3.00	23.0	13.0	0.65	608	0.94	1.79	8.8	2.4	540
M356250		2.68	14.80	0.09	1.5	0.046	3.12	23.2	18.2	0.63	781	1.19	0.89	8.8	2.7	550
M356251		2.49	14.85	0.09	1.6	0.043	2.77	23.0	12.9	0.60	493	1.07	1.95	9.0	2.2	510
M356252		2.52	14.80	0.10	1.6	0.039	2.76	23.9	12.6	0.60	496	1.62	1.95	8.9	2.4	510
M356253		2.32	14.25	0.10	1.9	0.039	3.41	21.1	18.4	0.63	856	1.63	0.56	9.8	2.0	480
M356254		2.72	15.40	0.09	1.8	0.043	3.14	22.0	11.0	0.61	790	1.60	1.75	10.0	3.1	530
M356255		3.97	15.20	0.13	1.2	0.168	2.95	22.2	8.2	0.66	1620	1.19	1.28	8.3	2.8	600
M356256		3.14	16.10	0.11	1.1	0.049	2.70	24.8	13.9	0.82	597	0.86	2.37	9.1	2.8	630
M356257		3.16	16.10	0.12	1.3	0.055	2.76	24.8	8.5	0.85	591	0.72	2.61	9.2	2.7	600
M356258		3.44	15.20	0.12	1.1	0.074	2.66	23.5	10.7	0.84	801	0.65	2.22	8.8	2.7	610
M356259		3.26	16.85	0.12	1.3	0.061	2.74	23.7	10.9	0.86	668	0.81	2.60	9.9	2.8	680
M356260		3.18	16.35	0.11	1.2	0.062	2.79	25.0	11.2	0.80	718	0.70	2.51	9.4	2.8	620
M356261		3.29	15.50	0.11	1.2	0.055	2.67	24.9	11.5	0.84	766	0.59	2.30	8.9	3.1	620
M356262		7.66	11.30	0.16	1.0	4.62	2.21	18.8	26.9	0.59	2970	15.70	0.08	5.6	12.7	430
M356263		3.13	16.10	0.10	1.2	0.062	2.66	19.6	13.3	0.74	728	0.76	2.13	9.4	3.0	640
M356264		2.75	14.60	0.11	1.0	0.063	2.81	25.5	19.3	0.85	1720	0.98	0.08	8.2	2.7	530
M356265		3.13	15.25	0.11	1.1	0.068	3.24	22.3	28.6	0.80	1020	0.61	0.71	9.1	2.8	620
M356266		2.91	15.60	0.11	1.1	0.058	3.10	20.1	42.6	0.61	769	0.77	1.08	9.1	2.4	610
M356267		3.05	14.60	0.12	1.0	0.117	3.02	26.6	15.2	0.97	2250	0.79	0.05	7.8	2.8	530
M356268		3.06	15.85	0.10	1.2	0.060	2.68	23.3	11.4	0.78	671	0.61	2.33	8.8	3.0	610
M356269		3.03	15.65	0.11	1.1	0.042	2.62	25.9	13.2	0.92	604	0.68	2.48	8.8	2.8	600
M356270		7.94	11.55	0.15	1.0	4.76	2.30	18.2	27.3	0.62	3100	15.85	0.08	5.6	13.2	450
M356271		2.94	15.40	0.09	1.1	0.051	2.50	22.1	14.6	0.78	569	1.50	2.32	8.5	2.5	590
M356272		3.14	15.35	0.11	1.1	0.056	2.76	21.4	18.7	0.77	686	1.31	2.04	8.4	2.7	600
M356273		3.53	14.45	0.12	1.0	0.273	2.98	24.7	31.6	0.67	1110	9.09	1.16	7.5	2.4	540
M356274		6.04	7.73	0.11	0.8	16.15	1.88	16.7	13.6	0.50	1580	1.55	0.02	4.2	1.6	270
M356275		7.71	10.05	0.12	0.9	2.37	2.34	18.3	15.5	0.45	567	8.03	0.02	4.7	2.8	310
M356276		6.28	14.55	0.17	1.2	0.331	3.43	27.6	57.1	0.64	1520	0.35	0.04	6.2	3.0	530
M356277		4.36	15.10	0.13	1.5	0.852	3.08	31.8	163.5	0.70	1870	1.34	0.04	8.4	2.2	530
M356278		0.49	0.21	<0.05	<0.1	<0.005	0.03	0.8	1.1	12.40	216	0.12	0.01	0.2	2.1	180
M356279		2.60	14.60	0.09	1.6	0.072	2.78	21.1	74.1	0.53	738	0.86	1.03	8.3	2.1	490
M356280		2.80	14.90	0.09	1.6	0.037	2.86	24.4	17.6	0.71	731	1.05	1.92	8.5	2.4	520
M356281		2.75	17.35	0.17	1.7	0.054	2.95	21.7	27.0	0.68	618	1.29	1.83	9.0	2.2	550



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**CERTIFICATE OF ANALYSIS WH12219507**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356246		8410	157.0	<0.002	1.99	34.6	7.6	1	2.3	123.0	0.59	0.13	13.3	0.180	2.35	6.5
M356247		8.1	1.1	<0.002	<0.01	0.07	0.2	1	0.2	48.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M356248		125.5	133.0	<0.002	0.45	7.60	8.9	1	1.8	166.5	0.72	0.05	13.3	0.215	2.03	4.7
M356249		17.7	124.0	<0.002	0.09	2.53	9.7	1	1.6	298	0.77	<0.05	14.7	0.236	1.55	5.2
M356250		1320	136.0	<0.002	0.38	9.27	9.9	1	1.7	205	0.75	<0.05	14.6	0.242	2.15	5.3
M356251		17.3	111.5	<0.002	0.08	2.59	9.5	1	1.7	311	0.84	<0.05	14.5	0.221	1.33	6.2
M356252		18.6	116.5	<0.002	0.08	2.55	9.6	1	1.6	307	0.84	<0.05	14.4	0.222	1.27	6.2
M356253		209	138.5	<0.002	0.33	6.59	8.6	1	1.8	172.0	1.11	<0.05	13.8	0.212	2.45	6.7
M356254		49.5	130.0	<0.002	0.11	2.96	9.6	1	1.8	313	1.03	<0.05	13.7	0.232	1.76	6.3
M356255		731	141.0	<0.002	1.85	6.38	10.6	1	2.6	189.0	0.61	0.53	10.7	0.250	2.04	4.6
M356256		17.8	110.0	<0.002	0.34	1.87	11.4	1	2.0	386	0.69	0.16	11.5	0.270	1.17	4.6
M356257		16.2	109.0	<0.002	0.06	1.79	11.1	1	2.0	385	0.74	<0.05	13.2	0.263	1.15	5.4
M356258		361	114.0	<0.002	0.26	4.04	11.1	1	2.1	314	0.69	0.08	11.5	0.256	1.45	5.1
M356259		23.9	105.0	<0.002	0.03	2.02	12.3	1	2.0	398	0.78	<0.05	12.4	0.279	1.23	5.1
M356260		38.2	105.5	<0.002	0.03	2.37	11.7	1	2.0	383	0.76	<0.05	13.5	0.269	1.26	5.3
M356261		145.0	112.5	<0.002	0.09	3.30	11.1	1	2.0	348	0.73	<0.05	13.4	0.263	1.43	5.0
M356262		9220	127.0	<0.002	6.68	211	6.7	2	8.3	117.5	0.43	0.46	8.7	0.174	2.14	5.3
M356263		151.0	97.7	<0.002	0.06	2.97	11.5	1	2.0	357	0.75	<0.05	11.0	0.275	1.44	4.2
M356264		402	147.0	<0.002	0.74	13.05	10.8	1	1.8	140.0	0.66	<0.05	12.7	0.240	2.79	4.6
M356265		605	133.5	<0.002	0.39	7.91	11.7	1	1.8	203	0.71	<0.05	11.2	0.272	2.33	4.6
M356266		44.7	123.5	<0.002	0.17	6.75	10.7	1	1.7	250	0.71	<0.05	11.5	0.263	1.96	4.0
M356267		283	173.0	<0.002	1.30	14.80	10.0	1	1.9	108.5	0.64	0.06	11.8	0.230	3.18	5.0
M356268		18.0	103.5	<0.002	0.03	1.86	11.4	1	1.6	367	0.74	0.10	12.0	0.259	1.19	4.8
M356269		20.5	101.5	<0.002	0.02	1.26	11.1	1	1.5	413	0.72	<0.05	11.9	0.259	1.01	4.7
M356270		9610	129.0	<0.002	6.88	218	6.7	2	8.5	117.5	0.44	0.45	8.3	0.180	2.17	5.3
M356271		21.3	94.0	<0.002	0.07	2.01	10.7	1	1.4	360	0.69	0.07	11.2	0.252	1.03	4.1
M356272		20.1	108.0	<0.002	0.09	2.39	10.8	1	1.6	352	0.63	0.07	10.6	0.259	1.36	3.6
M356273		177.5	152.5	<0.002	1.44	13.70	9.9	1	2.5	245	0.57	0.06	11.0	0.235	1.97	3.6
M356274		>10000	103.5	<0.002	7.57	490	4.3	2	4.3	35.3	0.40	0.16	9.8	0.122	2.11	4.8
M356275		2200	146.5	<0.002	8.01	108.5	5.9	2	5.3	24.5	0.42	1.57	10.5	0.129	1.92	3.9
M356276		335	189.0	<0.002	4.86	14.10	9.9	2	5.2	73.0	0.55	0.59	15.2	0.176	2.81	5.9
M356277		145.0	171.0	<0.002	0.74	10.10	9.7	1	2.7	112.0	0.76	0.09	16.6	0.216	2.80	5.1
M356278		5.8	1.5	<0.002	<0.01	0.08	0.2	1	<0.2	46.9	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M356279		208	108.5	<0.002	0.24	7.11	9.0	1	1.7	183.5	0.78	0.12	13.7	0.216	1.87	6.3
M356280		61.2	109.5	<0.002	0.06	2.74	9.4	1	1.7	303	0.79	<0.05	15.3	0.228	1.33	6.1
M356281		239	124.0	<0.002	0.13	5.32	9.6	1	1.8	290	0.86	<0.05	14.1	0.226	1.54	5.7





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**CERTIFICATE OF ANALYSIS WH12219507**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356246		52	2.6	12.3	576	34.8			
M356247		2	0.1	0.8	17	<0.5			
M356248		59	2.5	13.8	302	39.8			
M356249		63	2.4	16.6	41	44.6			
M356250		65	3.5	15.3	101	46.1			
M356251		62	1.8	16.3	39	44.1			
M356252		60	1.6	16.6	39	45.3			
M356253		58	3.0	15.2	243	51.0			
M356254		65	1.4	17.2	140	49.4			
M356255		72	1.8	14.7	1380	39.9			
M356256		77	1.2	18.1	45	32.3			
M356257		74	1.2	18.4	46	35.2			
M356258		71	1.7	17.6	301	28.5			
M356259		80	0.9	19.9	49	34.2			
M356260		77	1.1	19.1	68	33.1			
M356261		76	1.6	18.0	128	31.3			
M356262		52	4.4	9.2	>10000	33.3	115		1.625
M356263		81	1.5	17.3	94	30.8			
M356264		68	3.8	16.0	771	27.9			
M356265		82	4.3	16.4	598	29.9			
M356266		76	2.1	15.3	78	31.6			
M356267		64	3.6	14.7	367	27.7			
M356268		74	0.9	18.3	49	31.1			
M356269		74	0.7	18.3	44	30.2			
M356270		53	4.5	9.5	>10000	31.4	117		1.645
M356271		72	1.0	16.8	57	29.9			
M356272		75	1.2	16.1	55	28.9			
M356273		66	2.2	14.4	392	25.9			
M356274		34	3.7	6.8	>10000	22.1	400	11.50	2.86
M356275		41	4.3	7.6	4830	25.0			
M356276		54	2.9	12.1	397	35.0			
M356277		60	6.2	13.0	605	42.9			
M356278		2	0.1	0.8	19	<0.5			
M356279		61	1.8	13.8	83	47.3			
M356280		63	1.7	16.1	101	47.0			
M356281		59	2.2	15.6	73	49.6			



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Project: Klaza-133

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**CERTIFICATE OF ANALYSIS WH12219507**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12219508**

Project: Klaza-133

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219508**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356282		2.75	0.356	5.36	6.42	453	850	1.34	0.62	2.32	75.2	37.8	7.6	5	14.65	23.5
M356283		8.30	<0.005	0.17	7.16	6.5	2140	1.68	0.23	2.36	0.24	46.8	6.1	8	7.16	6.3
M356284		8.51	<0.005	0.15	7.19	8.9	2170	1.80	0.29	2.42	0.25	46.8	8.2	8	7.69	12.7
M356285		0.23	2.28	24.7	5.74	3280	820	1.24	18.05	2.20	76.7	37.5	10.0	17	12.70	437
M356286		3.63	0.071	3.10	6.83	262	1690	1.50	0.41	2.09	14.20	43.0	6.6	9	12.80	74.6
M356287		3.24	0.093	0.27	7.15	12.5	2210	1.62	0.28	2.51	0.29	46.8	6.3	8	12.85	8.9
M356288		2.68	0.062	2.02	7.12	36.0	2030	1.69	0.31	2.51	25.5	42.0	5.1	9	15.40	16.9
M356289		6.06	<0.005	0.32	7.15	15.0	1550	1.67	0.61	1.94	0.31	38.6	7.0	7	19.50	6.0
M356290		3.22	1.915	13.60	5.75	1670	400	1.43	0.47	1.32	25.5	43.4	6.1	6	14.20	59.7
M356291		2.33	<0.005	0.18	0.09	<5	90	0.06	0.02	21.1	0.12	1.17	0.6	<1	0.28	2.0
M356292		8.51	0.005	0.14	7.03	9.0	2060	1.47	0.47	2.12	0.17	42.0	6.2	7	11.35	3.4
M356293		8.30	0.005	0.12	7.01	6.4	2210	1.65	0.46	2.55	0.13	44.8	6.3	9	8.69	7.3
M356294		4.43	0.008	0.20	6.84	10.7	2050	1.43	0.32	2.53	0.53	40.8	6.5	8	7.98	2.8
M356295		7.71	<0.005	0.11	7.35	9.7	2230	1.43	0.37	2.24	0.12	46.2	6.0	9	5.98	13.8
M356296		<0.02	<0.005	0.10	7.28	9.8	2180	1.62	0.29	2.18	0.13	49.4	5.9	9	6.08	12.5
M356297		4.13	<0.005	0.12	7.09	8.5	2250	1.35	0.52	2.10	0.18	49.7	13.1	8	5.08	3.8
M356298		7.70	<0.005	0.11	7.09	7.0	2050	1.59	0.48	2.34	0.17	46.0	6.4	8	7.88	3.5
M356299		0.23	4.31	>100	5.21	7590	210	1.09	61.0	1.94	218	29.4	8.9	16	10.40	1255
M356300		7.33	<0.005	0.20	7.19	11.6	2130	1.66	0.52	2.49	0.26	49.9	6.9	9	8.31	6.4
M356301		6.03	<0.005	0.13	7.29	8.7	2040	1.48	0.24	2.46	0.18	47.6	7.6	9	8.87	18.7
M356302		2.66	0.182	25.0	6.64	150.5	430	1.39	5.19	2.37	189.5	45.2	6.9	6	13.45	430
M356303		4.96	<0.005	0.40	7.16	5.6	2210	1.59	0.33	2.35	0.48	46.1	7.6	7	11.45	7.4
M356304		4.02	0.083	15.20	7.09	97.0	760	1.52	3.48	2.18	71.9	45.9	8.4	7	12.65	120.5
M356305		4.13	0.006	0.35	6.90	11.3	2010	1.27	0.20	2.48	1.01	44.2	7.3	6	10.75	11.8
M356306		1.62	0.017	0.61	7.00	19.4	2000	1.37	0.25	2.60	5.70	44.5	7.2	6	11.10	29.7
M356307		3.09	0.038	0.94	6.25	68.1	1060	1.32	0.64	1.85	2.15	34.7	8.2	5	13.80	22.1
M356308		3.77	0.151	3.68	6.38	135.5	440	1.49	0.54	2.29	17.65	44.1	6.5	5	12.90	40.3
M356309		4.07	0.365	8.67	5.58	429	500	1.36	2.20	1.67	53.5	44.3	9.3	6	12.55	96.7
M356310		3.14	0.729	16.45	3.55	789	200	0.79	1.26	3.59	91.3	24.0	5.0	3	7.12	107.0
M356311		3.05	2.13	19.30	4.02	1555	280	0.81	1.61	2.85	175.5	28.4	3.6	3	6.38	137.5
M356312		5.58	0.021	1.22	6.97	66.5	1460	1.44	0.43	1.48	8.34	43.2	7.9	7	12.15	10.9
M356313		2.65	0.584	19.20	4.76	524	130	1.04	10.40	2.14	549	31.3	6.0	5	10.70	332
M356314		3.06	<0.005	0.20	0.08	<5	50	0.05	0.04	20.7	0.78	1.14	0.5	<1	0.17	2.3
M356315		6.99	0.010	0.39	6.69	44.1	2480	1.42	0.53	2.34	1.54	50.0	6.8	10	12.55	10.5
M356316		6.06	0.007	0.35	6.51	16.8	1820	1.41	0.52	2.70	2.52	45.6	7.0	8	11.65	6.1
M356317		3.30	0.301	3.86	5.64	153.0	330	1.00	1.93	2.01	10.90	37.0	12.3	6	8.75	31.5



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12219508**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356282		3.47	13.95	0.10	1.6	0.355	2.73	19.4	49.5	0.76	1290	7.13	0.12	6.9	2.3	470
M356283		2.64	15.60	0.11	2.1	0.038	2.72	23.4	12.8	0.78	570	1.09	2.26	8.6	2.4	540
M356284		2.69	16.75	0.11	1.7	0.044	2.61	22.8	12.5	0.79	612	0.82	2.20	9.1	2.5	560
M356285		6.41	13.65	0.10	1.0	1.540	2.59	20.5	22.7	0.90	1900	12.45	0.04	5.6	15.7	440
M356286		3.14	15.45	0.10	1.4	0.143	2.80	21.6	25.0	0.62	1080	1.54	1.20	7.5	2.5	530
M356287		2.84	16.65	0.11	1.6	0.063	2.75	22.9	16.7	0.75	672	0.60	2.05	8.3	2.7	580
M356288		3.19	16.10	0.10	1.5	0.068	2.80	20.2	27.2	0.69	783	0.67	1.69	8.2	2.6	590
M356289		2.70	16.95	0.08	1.4	0.049	2.14	17.3	283	0.56	734	0.49	0.83	8.2	2.4	630
M356290		4.03	13.35	0.10	1.3	0.195	2.57	23.7	62.0	0.53	1590	10.85	0.04	6.6	2.6	430
M356291		0.50	0.22	<0.05	<0.1	0.005	0.03	0.6	1.8	12.85	235	0.54	0.01	0.2	1.8	150
M356292		2.67	16.10	0.11	1.8	0.045	2.81	19.7	35.0	0.53	641	1.33	0.99	8.5	2.5	560
M356293		2.66	16.40	0.09	1.9	0.039	2.82	21.0	13.9	0.71	556	0.77	2.07	8.8	2.6	550
M356294		2.76	15.55	0.11	1.5	0.054	2.75	20.8	11.8	0.70	956	0.54	1.82	7.7	2.2	540
M356295		2.67	15.80	0.09	1.6	0.040	2.80	23.8	10.4	0.81	558	0.61	2.49	8.1	2.5	560
M356296		2.65	16.00	0.12	1.5	0.038	2.73	26.6	10.3	0.79	552	0.50	2.41	8.2	2.5	540
M356297		2.69	15.70	0.10	1.5	0.068	2.48	26.5	11.3	0.78	582	0.54	2.56	7.9	2.6	530
M356298		2.74	16.05	0.12	1.6	0.073	2.76	23.0	14.6	0.69	863	0.52	1.89	8.1	2.5	550
M356299		7.69	12.60	0.09	1.1	4.43	2.25	14.5	30.3	0.62	3010	14.35	0.08	5.3	14.0	450
M356300		2.84	16.65	0.09	1.4	0.047	2.57	25.7	12.8	0.87	652	1.76	2.30	8.3	2.8	610
M356301		2.90	15.90	0.10	1.5	0.045	2.62	23.3	14.7	0.87	658	1.16	2.36	7.9	2.6	590
M356302		3.82	14.90	0.12	1.3	7.06	2.87	23.7	30.6	0.60	1430	1.32	0.35	7.4	2.5	540
M356303		2.88	16.65	0.12	1.6	0.054	2.80	20.9	14.3	0.74	590	0.79	1.83	8.3	2.5	590
M356304		3.87	15.80	0.12	1.5	4.19	3.14	23.9	18.8	0.72	1440	0.75	0.93	7.6	2.6	580
M356305		3.00	15.75	0.09	1.5	0.046	2.88	21.3	23.9	0.73	659	0.85	0.80	8.3	2.5	610
M356306		2.79	16.30	0.12	1.4	0.904	2.98	22.8	25.9	0.69	701	0.91	0.68	8.0	2.5	590
M356307		3.14	15.10	0.11	1.3	0.164	2.73	16.3	85.7	0.47	1790	2.53	0.06	6.9	2.6	510
M356308		3.92	14.40	0.12	1.2	0.343	2.96	25.0	15.2	0.83	4010	4.17	0.03	6.0	2.4	490
M356309		3.31	13.45	0.11	1.4	2.41	2.45	24.8	65.9	0.65	1740	10.15	0.03	6.4	2.4	420
M356310		4.26	8.70	0.09	0.6	2.28	1.62	13.0	31.6	0.99	5140	25.7	0.02	3.1	2.2	250
M356311		5.76	10.25	0.11	0.6	3.19	1.84	15.1	16.2	0.91	13950	14.15	0.02	3.9	1.8	320
M356312		3.58	16.35	0.11	1.0	0.071	2.60	19.7	47.8	0.61	1590	1.97	0.05	7.3	2.5	610
M356313		6.55	11.90	0.10	0.7	24.2	1.93	15.2	80.2	0.59	2750	12.15	0.04	5.1	2.1	390
M356314		0.45	0.23	0.05	<0.1	0.025	0.03	0.6	1.2	12.50	215	0.12	0.01	0.1	1.7	170
M356315		3.19	17.65	0.11	1.1	0.079	2.92	25.3	22.8	0.77	1030	1.83	1.33	8.6	3.4	600
M356316		2.63	16.85	0.12	1.1	0.118	2.64	22.7	36.9	0.66	690	1.17	0.94	7.9	2.6	560
M356317		4.60	13.40	0.14	0.8	0.118	2.81	19.9	23.2	0.68	852	1.03	0.14	3.6	2.4	470



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12219508**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M356282		2160	129.5	0.003	1.65	27.1	8.2	1	2.4	85.0	0.70	0.16	15.8	0.195	7.5
M356283		24.7	109.0	<0.002	0.02	1.37	9.3	1	1.6	371	0.87	<0.05	16.4	0.237	7.4
M356284		24.4	110.0	<0.002	0.06	1.63	10.1	1	1.7	381	0.92	<0.05	15.3	0.240	6.2
M356285		2890	147.5	0.004	4.68	88.5	7.6	1	7.3	86.0	0.48	0.27	10.9	0.179	5.1
M356286		857	127.0	<0.002	0.56	13.05	9.6	1	2.2	231	0.66	<0.05	15.1	0.232	5.4
M356287		30.8	115.0	<0.002	0.08	3.15	10.6	2	1.8	351	0.72	<0.05	14.3	0.248	5.0
M356288		589	122.5	0.002	0.53	7.98	10.2	1	2.1	304	0.67	<0.05	13.3	0.257	5.0
M356289		22.6	87.9	<0.002	0.28	19.40	10.4	1	1.8	234	0.71	0.11	12.4	0.254	3.4
M356290		3880	145.5	<0.002	2.85	58.0	8.5	1	5.0	75.6	0.58	0.13	13.8	0.185	8.8
M356291		7.8	1.6	<0.002	0.01	0.19	0.2	1	<0.2	50.8	<0.05	<0.05	<0.2	<0.005	0.5
M356292		40.3	103.5	<0.002	0.13	12.10	9.5	1	1.7	204	0.73	0.12	13.6	0.242	4.3
M356293		22.4	109.0	0.002	0.14	2.30	9.8	1	1.8	325	0.86	0.11	15.5	0.241	6.0
M356294		24.0	103.5	0.003	0.25	2.17	9.3	2	1.6	283	0.68	0.08	15.1	0.235	5.2
M356295		19.9	107.5	<0.002	0.11	1.42	9.5	<1	1.6	406	0.77	<0.05	17.5	0.240	6.1
M356296		19.7	108.0	<0.002	0.10	1.43	9.7	1	1.6	395	0.73	<0.05	17.6	0.238	6.1
M356297		19.7	98.1	0.002	0.48	2.05	9.3	1	1.7	371	0.74	0.13	16.6	0.232	5.8
M356298		18.7	119.5	0.002	0.36	2.60	9.6	1	1.9	290	0.71	0.17	15.5	0.234	5.4
M356299		9640	126.0	0.004	6.94	214	7.2	1	8.2	116.5	0.40	0.38	9.2	0.180	5.1
M356300		24.2	96.5	0.003	0.03	1.74	10.9	1	1.6	420	0.69	0.23	14.9	0.251	5.1
M356301		21.7	91.3	<0.002	0.10	1.66	10.5	1	1.6	417	0.67	<0.05	15.0	0.254	4.3
M356302		7170	134.0	<0.002	2.85	32.8	9.9	1	3.2	139.5	0.65	0.05	13.7	0.228	5.1
M356303		31.7	111.0	0.003	0.14	2.99	10.6	1	1.9	342	0.67	0.11	15.3	0.252	4.7
M356304		4280	140.5	<0.002	2.08	15.55	10.3	1	4.0	196.0	0.66	0.10	15.5	0.245	4.4
M356305		50.0	97.7	<0.002	0.18	4.75	10.0	1	2.2	225	0.71	<0.05	14.5	0.265	4.2
M356306		63.0	110.5	0.002	0.23	5.30	10.2	1	2.3	215	0.68	<0.05	13.4	0.247	4.0
M356307		174.0	115.5	0.002	1.38	23.7	9.2	<1	4.2	90.8	0.61	0.06	11.5	0.216	4.7
M356308		854	186.5	0.002	2.84	22.0	9.4	1	2.6	77.3	0.49	0.07	14.1	0.194	4.7
M356309		1385	146.5	0.002	2.77	41.6	8.8	1	3.5	74.7	0.62	0.08	13.1	0.189	6.6
M356310		4270	95.3	0.003	3.72	71.4	4.9	1	4.2	68.3	0.28	0.09	6.8	0.101	6.0
M356311		5490	100.5	0.002	4.48	55.0	5.8	1	3.9	53.9	0.34	0.13	8.5	0.129	3.1
M356312		411	116.5	0.002	1.25	16.35	10.9	2	2.4	100.5	0.59	<0.05	12.4	0.249	3.7
M356313		675	101.5	<0.002	7.76	39.0	7.4	2	3.2	79.4	0.40	0.10	9.0	0.164	3.7
M356314		5.7	1.4	0.004	0.01	0.15	0.2	<1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	0.5
M356315		95.4	126.0	<0.002	0.48	6.10	11.2	1	2.1	272	0.68	0.19	13.8	0.262	4.2
M356316		34.6	109.0	<0.002	0.55	4.07	10.6	1	2.0	243	0.64	0.18	12.9	0.246	4.2
M356317		489	150.0	<0.002	4.70	6.41	8.3	2	4.3	83.5	0.30	0.55	12.3	0.117	3.4



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**CERTIFICATE OF ANALYSIS WH12219508**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356282		53	3.0	11.6	4550	37.2		
M356283		63	1.6	16.4	51	48.6		
M356284		65	1.1	17.0	52	42.0		
M356285		56	5.1	9.0	5350	22.1		
M356286		63	1.9	13.3	989	30.9		
M356287		68	0.7	15.1	56	41.8		
M356288		69	1.2	14.3	2440	38.9		
M356289		70	3.5	13.1	61	32.8		
M356290		52	2.9	11.2	1960	33.2		
M356291		3	0.1	0.8	24	<0.5		
M356292		65	2.0	14.0	46	44.9		
M356293		64	1.1	15.3	44	44.2		
M356294		63	1.1	13.3	77	38.7		
M356295		65	0.6	15.5	41	40.8		
M356296		63	0.5	16.2	41	40.2		
M356297		60	1.0	15.2	42	32.6		
M356298		62	1.0	15.1	52	41.1		
M356299		52	4.3	8.4	>10000	27.9	119	1.610
M356300		70	0.7	16.1	58	32.5		
M356301		70	0.7	15.8	53	30.6		
M356302		62	3.0	13.5	>10000	29.6		2.03
M356303		68	1.7	15.4	74	34.1		
M356304		68	1.9	13.0	7050	30.6		
M356305		72	1.9	14.4	145	33.1		
M356306		69	1.9	15.4	594	31.3		
M356307		61	3.6	10.3	211	27.7		
M356308		57	4.3	11.2	1100	26.1		
M356309		56	5.6	10.9	4170	28.3		
M356310		32	4.2	6.9	6330	12.9		
M356311		37	5.8	7.8	>10000	13.9		1.220
M356312		71	5.9	12.3	617	21.4		
M356313		45	2.7	9.9	>10000	16.2		5.73
M356314		3	0.1	0.8	74	<0.5		
M356315		70	2.5	15.9	169	27.6		
M356316		66	1.7	14.2	280	26.6		
M356317		50	1.9	8.4	1210	21.3		



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**CERTIFICATE OF ANALYSIS WH12219508**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)





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**CERTIFICATE WH12219509**

Project: Klaza-133

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219509**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356318		7.71	0.006	0.30	6.88	5.5	1000	1.46	0.68	2.67	0.31	41.3	8.6	9	8.39	2.5
M356319		8.78	<0.005	0.14	6.98	6.2	2370	1.63	0.26	2.46	0.18	43.5	7.4	11	12.05	3.0
M356320		3.42	<0.005	0.24	7.47	7.4	2440	1.57	0.33	2.02	0.21	45.1	8.2	7	13.85	3.9
M356321		3.67	0.043	2.29	6.77	26.5	620	1.17	1.26	1.90	3.69	41.1	8.4	6	12.90	7.4
M356322		5.35	0.005	0.33	6.35	6.1	510	1.36	0.58	3.32	0.26	35.1	9.5	7	8.82	2.6
M356323		2.49	<0.005	0.35	6.65	5.6	700	1.31	0.52	3.44	0.20	37.1	9.2	8	8.70	5.9
M356324		3.86	<0.005	0.10	7.12	5.2	1060	1.45	0.38	2.44	0.22	43.1	8.2	8	8.40	6.8
M356325		7.88	0.008	0.13	7.21	8.7	1920	1.45	0.46	2.17	0.22	43.3	8.1	10	16.30	7.6
M356326		5.58	<0.005	0.14	6.84	11.8	2000	1.50	0.28	2.25	0.16	35.4	8.6	7	19.00	7.1
M356327		4.10	<0.005	0.09	7.18	7.3	2540	1.31	0.33	2.01	0.20	41.0	8.9	8	14.35	7.7
M356328		0.24	4.59	>100	5.44	7890	190	1.21	55.0	1.99	226	30.0	9.9	17	12.05	1310
M356329		3.35	0.005	0.27	7.00	11.8	1860	1.26	0.41	1.91	0.51	38.5	7.1	7	13.50	3.9
M356330		5.49	0.006	0.19	6.95	12.8	200	1.53	0.51	2.10	0.31	37.6	11.1	9	18.85	2.4
M356331		3.99	0.024	0.48	7.16	35.3	670	1.98	0.61	2.14	2.71	41.1	8.7	7	18.10	6.9
M356332		4.54	0.476	15.30	5.94	296	350	1.08	10.55	0.85	18.10	19.90	29.6	10	6.40	133.0
M356333		3.19	<0.005	0.04	0.09	<5	60	0.06	0.03	20.8	0.11	1.33	1.1	<1	0.37	1.5
M356334		8.06	<0.005	0.22	6.95	17.9	1310	2.27	0.25	1.98	0.31	53.4	5.8	12	19.10	8.7
M356335		5.31	<0.005	0.14	6.79	15.0	550	2.23	0.15	2.10	0.25	44.1	5.5	12	19.60	6.6
M356336		2.95	<0.005	0.09	7.49	16.8	3770	2.36	0.19	1.77	0.26	58.1	6.4	13	29.6	22.4
M356337		4.60	2.78	29.0	3.94	2090	100	1.12	26.9	1.48	41.0	25.4	7.6	8	11.10	147.0
M356338		4.23	0.092	4.16	6.89	194.5	460	1.59	2.48	1.47	19.20	49.9	9.5	6	20.6	35.4
M356339		3.39	0.008	0.14	7.25	43.8	690	2.80	0.21	2.76	0.42	59.3	7.5	23	22.6	11.7
M356340		<0.02	<0.005	0.07	7.42	40.4	590	2.82	0.15	2.86	0.32	61.9	7.4	23	21.3	11.3
M356341		2.71	0.653	16.20	5.02	844	100	1.02	2.49	3.03	31.5	25.8	8.2	8	10.80	137.5
M356342		2.75	0.060	3.39	6.93	101.0	1390	1.60	2.61	2.41	6.34	46.9	7.3	8	22.2	30.1
M356343		7.90	0.015	0.48	6.75	17.4	2560	1.44	0.51	2.51	3.03	40.7	8.3	12	13.55	11.7
M356344		5.33	<0.005	0.11	6.96	8.1	2160	1.48	0.23	2.58	0.84	43.5	8.3	10	11.20	2.9
M356345		2.67	0.075	2.13	6.87	97.2	540	1.40	0.98	2.18	5.55	46.5	13.0	9	12.05	8.6
M356346		7.37	0.012	0.30	6.68	55.7	2030	1.56	0.33	2.70	1.29	38.7	7.0	12	15.50	3.0
M356347		0.25	4.40	>100	5.20	7380	150	1.20	53.5	1.92	219	29.1	9.5	16	11.80	1255
M356348		5.32	0.011	0.28	6.50	25.3	2330	1.59	0.30	2.64	0.44	41.6	7.0	9	18.25	3.2
M356349		4.43	0.027	0.92	6.70	38.9	1250	1.62	0.54	2.43	1.74	37.9	7.7	7	22.9	8.0
M356350		2.78	<0.005	0.02	0.06	<5	30	0.06	0.02	20.8	0.09	1.15	1.1	<1	0.16	2.4
M356351		6.68	<0.005	0.11	6.60	11.3	2040	1.75	0.09	3.15	0.10	41.3	6.4	8	25.7	4.9
M356352		8.46	<0.005	0.15	6.57	15.5	1020	1.68	0.07	3.01	0.06	41.8	6.9	9	21.8	5.7
M356353		3.32	0.005	0.26	7.47	23.4	380	1.60	0.16	1.65	0.17	51.3	6.7	9	19.30	5.6



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12219509**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356318		2.73	17.60	0.19	1.1	0.018	2.79	21.1	27.2	0.79	571	1.02	0.65	6.5	2.5	580
M356319		2.86	17.85	0.19	1.3	0.025	2.55	22.2	13.8	0.73	456	0.83	1.98	8.8	2.4	620
M356320		2.94	17.85	0.20	1.2	0.018	2.47	23.5	316	0.69	375	1.84	0.89	8.3	2.5	610
M356321		3.50	15.65	0.18	1.1	0.057	2.97	22.6	183.0	0.69	764	7.40	0.05	5.9	2.3	560
M356322		2.74	17.70	0.19	1.0	0.031	3.26	16.9	25.1	0.60	893	0.64	0.26	6.3	2.4	580
M356323		2.63	17.10	0.19	1.1	0.030	3.26	19.0	26.9	0.61	934	0.73	0.25	6.2	2.6	570
M356324		2.87	17.30	0.20	1.1	0.015	2.53	22.4	19.8	0.72	425	6.55	1.12	8.1	2.4	620
M356325		2.95	17.55	0.19	1.2	0.018	2.74	22.5	85.4	0.66	446	4.72	1.09	8.1	2.5	590
M356326		2.78	18.30	0.16	1.2	0.021	2.29	17.2	280	0.59	564	2.57	0.47	9.0	2.7	690
M356327		2.92	17.75	0.18	1.1	0.018	2.91	21.1	27.5	0.50	377	5.75	1.22	8.5	2.4	620
M356328		8.13	14.50	0.22	1.1	5.04	2.39	15.8	32.8	0.62	3110	16.40	0.08	6.1	14.2	480
M356329		2.87	17.75	0.16	1.1	0.022	2.52	19.4	44.9	0.61	557	3.73	0.07	7.9	2.4	630
M356330		3.28	17.20	0.16	1.1	0.013	2.15	18.3	231	0.64	483	4.44	0.05	7.6	3.0	610
M356331		2.91	17.60	0.18	1.1	0.084	2.08	21.0	390	0.68	732	5.84	0.03	7.4	2.8	590
M356332		5.86	15.35	0.18	0.9	0.296	2.63	9.6	11.9	0.54	545	10.35	0.08	4.9	3.1	440
M356333		0.50	0.35	0.10	<0.1	0.005	0.03	0.7	2.2	12.65	221	0.17	0.01	0.3	1.6	180
M356334		2.22	19.90	0.19	3.4	0.028	2.58	27.0	366	0.78	529	1.78	0.03	11.1	4.7	990
M356335		2.19	21.0	0.19	3.1	0.027	2.66	21.9	260	0.76	482	0.96	0.04	11.1	4.7	960
M356336		2.21	21.6	0.21	3.9	0.028	2.60	29.6	361	0.71	527	1.24	0.03	12.1	4.8	1090
M356337		5.45	10.65	0.16	0.7	0.673	1.74	13.5	42.7	0.53	2320	24.8	0.02	4.2	2.5	280
M356338		4.50	16.85	0.18	1.1	0.527	3.07	28.2	21.8	0.64	2280	8.21	0.04	7.0	3.2	540
M356339		2.68	21.5	0.18	4.3	0.040	2.62	30.2	600	0.97	746	0.74	0.04	12.4	8.2	1440
M356340		2.72	20.7	0.20	4.4	0.037	2.67	31.6	610	1.02	768	0.61	0.04	12.0	7.9	1450
M356341		6.84	12.55	0.17	1.0	0.345	2.38	10.2	39.5	1.28	4480	3.07	0.03	5.4	2.7	460
M356342		4.18	17.25	0.17	1.0	0.113	3.17	25.6	56.3	0.79	1760	0.90	0.07	7.5	2.7	520
M356343		2.91	16.75	0.17	1.0	0.068	2.92	20.8	17.7	0.68	608	0.97	1.85	7.8	2.5	560
M356344		2.63	17.05	0.20	1.0	0.098	2.73	22.7	14.7	0.74	542	0.83	2.10	8.0	2.4	580
M356345		3.72	17.25	0.20	1.0	0.111	3.12	25.2	22.7	0.68	750	1.69	0.68	7.7	3.2	560
M356346		2.43	17.90	0.18	1.2	0.058	2.66	19.5	28.3	0.71	502	4.43	1.94	8.4	2.4	580
M356347		7.85	14.05	0.20	1.1	4.86	2.28	15.0	32.3	0.60	3000	15.65	0.08	5.8	13.5	460
M356348		2.50	16.60	0.17	1.1	0.035	2.66	21.4	43.3	0.72	501	0.95	1.64	7.7	2.4	550
M356349		2.67	17.00	0.18	1.3	0.059	2.96	19.3	66.9	0.74	817	2.18	0.12	7.3	2.4	560
M356350		0.47	0.30	0.13	<0.1	<0.005	0.02	0.6	1.4	12.65	208	0.19	0.01	0.3	1.8	180
M356351		2.33	19.10	0.18	3.4	0.030	3.05	20.4	45.3	0.88	573	0.90	0.04	10.2	3.9	740
M356352		2.30	19.00	0.20	3.2	0.031	2.91	21.1	89.2	0.91	589	0.85	0.04	10.4	4.0	720
M356353		2.43	17.25	0.14	3.6	0.036	2.82	27.2	330	0.74	827	2.64	0.05	10.2	3.6	730



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12219509**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356318		27.0	123.5	<0.002	1.97	4.33	9.8	1	2.0	152.0	0.58	0.25	11.6	0.189	2.03	4.6
M356319		21.9	94.5	<0.002	0.55	2.35	10.6	1	1.7	352	0.81	0.09	11.5	0.244	1.27	4.4
M356320		27.7	95.7	<0.002	1.07	9.12	11.2	1	1.7	325	0.71	0.10	12.1	0.245	1.35	4.3
M356321		666	159.5	0.003	2.88	19.55	10.0	2	2.5	147.0	0.50	0.36	12.2	0.178	2.09	5.9
M356322		14.6	159.0	<0.002	2.00	4.59	10.2	2	1.8	207	0.50	0.21	9.5	0.191	2.47	3.8
M356323		13.6	163.5	<0.002	1.73	4.68	10.3	1	2.1	210	0.52	0.19	9.8	0.195	2.38	3.7
M356324		19.4	108.0	0.005	1.33	7.25	11.8	2	1.8	266	0.64	0.17	10.8	0.250	1.39	3.1
M356325		23.8	102.0	0.009	1.25	7.76	10.7	2	1.8	345	0.66	0.40	11.2	0.244	1.38	3.3
M356326		15.0	78.4	0.003	0.95	14.65	11.4	1	1.8	308	0.72	0.10	9.4	0.271	1.31	3.2
M356327		18.8	112.0	0.005	1.12	5.33	11.1	2	1.7	308	0.67	0.16	11.1	0.259	1.30	3.1
M356328		9800	136.5	<0.002	7.23	230	7.9	2	8.8	124.0	0.47	0.48	7.4	0.186	2.18	4.9
M356329		27.7	89.0	0.003	1.14	14.75	11.6	1	1.8	139.5	0.63	0.15	10.3	0.259	1.45	2.0
M356330		41.7	71.4	0.004	2.66	18.80	10.8	2	1.6	216	0.61	0.24	9.9	0.235	1.36	4.7
M356331		76.6	88.2	0.002	1.81	16.25	10.8	2	1.8	245	0.60	0.15	11.0	0.229	1.85	4.8
M356332		1640	173.0	0.002	5.97	52.8	10.6	2	9.2	59.7	0.40	1.76	10.7	0.159	1.97	4.7
M356333		6.5	2.2	<0.002	0.01	0.17	0.3	1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M356334		22.5	78.0	<0.002	0.07	18.45	5.1	1	1.8	372	0.77	<0.05	7.9	0.291	1.17	4.0
M356335		20.8	71.4	<0.002	0.02	18.05	4.7	1	1.5	276	0.79	<0.05	7.2	0.285	1.36	3.3
M356336		16.3	87.7	<0.002	0.12	19.00	5.7	1	3.8	390	0.83	<0.05	8.8	0.320	1.21	5.3
M356337		2950	103.0	<0.002	5.42	101.5	5.3	1	6.3	86.7	0.35	0.30	6.0	0.119	1.71	5.9
M356338		760	178.0	<0.002	2.95	28.1	9.8	1	4.9	115.5	0.55	0.08	12.1	0.210	3.08	5.1
M356339		17.6	84.1	<0.002	0.08	22.6	7.0	1	1.6	461	0.76	<0.05	7.2	0.366	1.36	3.1
M356340		11.9	87.0	<0.002	0.07	21.9	7.1	1	1.6	469	0.76	<0.05	7.7	0.372	1.38	3.2
M356341		4650	144.0	<0.002	6.49	40.7	6.7	2	5.7	146.0	0.41	0.27	6.9	0.166	2.04	2.5
M356342		692	153.5	<0.002	1.87	10.00	10.3	1	3.0	149.0	0.62	0.23	11.9	0.218	2.92	4.2
M356343		104.5	106.0	<0.002	0.80	2.17	10.2	1	1.6	408	0.63	0.09	10.6	0.233	1.40	3.5
M356344		22.5	109.0	<0.002	0.31	1.74	10.5	1	1.5	342	0.62	0.07	11.0	0.237	1.29	3.4
M356345		581	161.5	<0.002	2.46	5.66	11.0	2	2.7	170.0	0.60	0.25	11.9	0.229	2.21	3.9
M356346		27.5	94.4	0.003	0.53	2.74	10.2	1	1.8	379	0.69	0.11	10.0	0.244	1.44	3.5
M356347		9520	130.0	0.002	6.98	228	7.4	2	8.5	120.0	0.46	0.63	7.3	0.178	2.13	4.8
M356348		28.7	96.1	<0.002	0.53	3.20	10.1	1	1.5	370	0.63	0.08	10.9	0.233	1.47	3.6
M356349		205	135.5	<0.002	1.42	11.30	9.4	1	1.6	253	0.59	0.14	10.0	0.215	2.78	4.0
M356350		2.0	1.2	<0.002	0.01	0.05	0.2	1	<0.2	50.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
M356351		11.1	104.0	<0.002	0.09	24.8	7.4	1	1.3	355	0.78	<0.05	7.4	0.279	2.53	4.4
M356352		12.3	108.0	<0.002	0.14	22.7	7.4	1	1.4	459	0.78	<0.05	7.5	0.265	2.32	4.9
M356353		20.4	117.5	0.002	0.20	24.7	8.0	<1	1.3	1150	0.72	<0.05	9.8	0.288	2.38	5.7



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**CERTIFICATE OF ANALYSIS WH12219509**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356318		61	2.0	11.4	49	28.9		
M356319		64	1.2	14.7	49	32.8		
M356320		66	3.5	13.1	41	30.3		
M356321		63	3.1	12.9	256	26.7		
M356322		66	2.1	11.4	45	26.9		
M356323		65	1.9	11.8	41	27.7		
M356324		72	3.3	14.8	48	27.2		
M356325		66	6.0	13.5	42	30.6		
M356326		73	7.2	12.6	44	29.7		
M356327		69	3.6	13.9	41	30.3		
M356328		53	4.9	9.7	>10000	33.3	116	1.650
M356329		72	6.3	12.9	73	26.3		
M356330		67	5.1	12.1	48	28.1		
M356331		65	4.5	11.1	254	28.5		
M356332		75	3.4	8.3	1120	22.9		
M356333		2	0.1	0.9	18	<0.5		
M356334		47	3.2	8.7	100	126.5		
M356335		44	1.8	7.7	104	110.0		
M356336		50	3.0	9.9	88	150.0		
M356337		35	4.8	6.8	2550	20.4		
M356338		59	9.4	11.0	1180	28.9		
M356339		66	2.8	11.0	89	179.5		
M356340		66	2.7	11.1	86	177.5		
M356341		43	3.7	8.9	1960	32.4		
M356342		60	6.9	13.7	414	27.1		
M356343		62	1.4	13.9	225	26.1		
M356344		64	1.1	14.8	89	27.3		
M356345		62	3.3	12.6	384	28.4		
M356346		65	1.9	13.0	109	29.8		
M356347		50	4.7	9.1	>10000	32.1	116	1.635
M356348		63	2.1	13.9	60	27.5		
M356349		60	3.0	12.0	136	38.3		
M356350		2	0.1	0.8	16	<0.5		
M356351		65	3.0	12.6	54	123.5		
M356352		62	5.0	13.0	51	118.5		
M356353		71	8.6	13.9	68	125.5		



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**CERTIFICATE OF ANALYSIS WH12219509**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12219776**

Project: Klaza-88

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176321\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12219776**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
N810664		>100	5.23	7640	1040	1.13	59.7	1.88	221	35.7	8.6	17	11.00	1230	7.71	12.35
N810665		0.21	6.63	31.2	2280	1.53	0.26	2.87	0.29	40.5	8.5	16	12.25	9.2	3.15	16.20
N810666		1.14	6.22	107.5	1460	1.45	0.30	2.96	4.49	45.9	10.3	12	23.3	16.3	2.78	16.80
N810667		0.09	6.99	5.9	2430	1.49	0.14	2.82	0.09	42.8	7.7	13	14.35	5.2	2.95	17.35
N810668		0.08	7.41	6.0	2290	1.60	0.14	2.72	0.11	51.2	8.3	15	12.15	6.0	3.11	18.05
N810669		0.24	6.93	45.9	1720	1.61	0.23	2.67	0.58	45.7	9.5	15	19.00	5.0	2.95	17.10
N810670		>100	3.06	5870	140	0.79	77.9	3.08	330	21.8	72.9	9	4.18	1385	16.25	7.58
N810671		0.06	0.07	8	30	0.07	0.05	20.2	0.15	1.33	1.0	<1	0.43	2.2	0.48	0.25
N810672		1.01	6.47	72.8	300	2.07	0.36	3.48	0.83	59.2	6.7	15	20.7	9.2	2.46	17.55
N810673		3.71	6.82	94.0	870	1.68	0.40	4.37	5.79	69.5	6.7	13	12.65	17.7	2.52	16.25
N810674		0.21	6.72	21.0	1960	1.83	0.14	3.06	0.52	63.6	5.6	13	21.9	14.4	2.32	19.80
N810675		0.46	6.95	21.8	1140	1.76	0.15	3.23	0.64	65.6	6.0	14	32.6	31.0	2.41	18.85
N810676		67.9	3.99	1955	210	0.88	58.6	1.29	25.2	58.7	50.5	15	7.24	1615	9.00	10.15
N810677		0.08	0.07	<5	40	0.06	0.06	19.55	0.08	1.35	1.1	<1	0.25	2.3	0.46	0.26
N810678		0.33	7.12	10.9	2240	1.39	0.34	2.71	0.21	45.6	5.9	13	10.10	15.5	3.20	16.65
N810679		0.20	7.18	19.1	2290	1.40	0.28	2.31	0.24	48.8	6.6	15	14.90	6.0	3.34	16.35
N810680		1.08	6.93	14.7	2000	1.56	0.18	2.49	0.30	42.9	7.0	11	20.5	14.0	3.07	16.85
N810681		0.16	7.25	8.6	2080	1.58	0.13	2.60	0.29	50.6	10.0	15	15.40	7.2	3.18	17.40
N810682		0.13	7.34	6.0	2260	1.57	0.08	2.81	0.21	51.1	7.6	12	13.70	8.2	3.09	17.85
N810683		0.14	6.97	5.9	2170	1.66	0.11	2.76	0.24	59.6	7.7	16	13.70	9.1	2.97	17.85
N810684		3.68	6.67	508	1450	1.42	1.25	3.31	2.11	56.6	9.5	11	14.30	20.1	4.87	15.10
N810685		0.35	6.93	25.1	2220	1.48	0.27	2.79	0.45	45.1	8.4	12	14.80	44.9	3.16	17.75
N810686		0.87	6.94	323	1420	1.28	0.42	2.60	1.69	49.7	14.4	15	14.20	11.4	4.00	16.50
N810687		0.08	7.41	12.8	2240	1.45	0.13	2.50	0.09	52.2	9.9	13	7.58	5.3	3.43	17.05
N810688		0.15	7.51	9.0	2170	1.66	0.17	2.67	0.10	52.6	9.0	17	10.15	26.5	3.34	18.65
N810689		0.09	7.51	5.5	2220	1.53	0.14	2.70	0.10	57.1	8.6	14	8.55	10.2	3.26	17.15
N810690		0.12	6.95	7.1	2020	1.57	0.18	2.54	0.20	55.8	9.3	14	8.32	15.4	2.87	17.60
N810691		0.06	7.24	3.5	2180	1.58	0.08	2.73	0.09	54.1	7.9	13	3.94	13.0	3.17	17.40
N810692		0.19	7.48	51.9	1210	2.00	0.26	1.91	0.43	49.0	9.4	19	23.1	4.9	3.07	19.25
N810693		9.55	6.47	1755	800	1.57	6.41	1.90	42.9	49.8	16.5	21	16.85	108.0	5.13	16.00
N810694		0.16	6.12	34.2	1090	1.74	0.29	3.37	0.27	36.9	7.8	17	22.0	4.4	3.01	17.75
N810695		0.20	6.65	48.0	1260	1.61	0.38	2.08	0.99	34.8	7.3	13	23.2	5.4	2.97	17.90
N810696		0.12	7.53	40.8	1640	1.85	0.18	2.24	0.57	54.6	8.1	13	15.45	4.5	3.02	18.10
N810697		0.45	6.13	141.0	1080	2.07	0.51	3.14	5.10	39.4	7.3	13	24.4	7.3	2.84	15.80
N810698		0.14	7.30	38.2	1160	1.98	0.10	4.18	0.16	80.6	9.5	32	27.8	18.5	3.52	20.9
N810699		0.08	6.34	20.6	2180	1.56	0.25	2.46	0.09	42.6	7.2	10	21.6	5.5	2.68	13.85

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176321\*\*

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Project: Klaza-88

**CERTIFICATE OF ANALYSIS WH12219776**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
N810664		0.16	1.1	4.71	2.18	17.8	31.8	0.60	2970	14.85	0.08	5.6	13.2	430	9350
N810665		0.14	1.4	0.044	2.64	18.1	16.1	0.83	1070	2.00	1.67	8.0	3.2	580	35.2
N810666		0.16	1.4	0.139	2.76	21.5	49.2	0.87	1280	1.75	0.61	8.3	2.9	540	172.0
N810667		0.15	1.4	0.052	2.59	19.7	8.3	0.72	755	1.40	2.04	8.1	2.9	580	19.0
N810668		0.19	1.5	0.060	2.63	24.4	9.9	0.84	767	2.09	2.08	8.8	3.3	610	20.5
N810669		0.16	1.3	0.071	2.84	21.4	37.4	0.71	1290	1.33	1.02	8.6	3.0	590	56.4
N810670		0.27	0.5	3.07	1.35	11.5	6.4	1.15	3270	1.87	0.02	3.2	2.0	230	>10000
N810671		0.05	<0.1	0.005	0.03	0.6	1.3	12.65	208	0.10	0.01	0.4	1.2	180	7.6
N810672		0.17	3.4	0.034	2.62	29.4	37.2	1.29	1080	1.24	0.04	10.4	6.3	960	65.9
N810673		0.18	2.9	0.063	1.45	36.1	66.8	1.58	1070	2.72	0.03	10.9	5.0	870	497
N810674		0.17	2.8	0.031	1.64	29.6	86.6	0.86	721	1.46	0.06	12.8	3.7	890	34.8
N810675		0.18	2.6	0.058	2.70	30.5	39.7	0.80	747	1.43	0.07	12.4	3.5	910	47.5
N810676		0.25	0.7	1.195	1.57	37.0	25.9	0.41	1040	3.47	0.03	4.9	3.4	320	2110
N810677		0.07	<0.1	0.005	0.03	0.6	1.1	12.30	203	0.11	0.01	0.3	1.6	180	3.2
N810678		0.14	1.2	0.099	2.91	20.5	9.5	0.75	736	7.34	1.80	8.5	2.8	630	31.4
N810679		0.18	1.2	0.118	3.22	23.4	16.7	0.70	1050	4.02	1.31	8.4	2.8	600	23.6
N810680		0.16	1.2	0.062	2.84	19.3	29.4	0.71	919	1.97	1.56	8.6	2.9	650	31.1
N810681		0.19	1.2	0.050	2.79	23.9	18.5	0.78	934	1.67	1.81	8.5	3.0	600	21.1
N810682		0.18	1.2	0.046	2.75	24.0	10.4	0.80	835	1.22	2.13	8.4	3.0	630	34.0
N810683		0.19	1.2	0.048	2.69	27.6	10.7	0.77	838	1.74	2.01	8.6	3.2	600	32.4
N810684		0.18	1.0	0.257	2.67	29.8	20.8	1.12	4130	1.32	0.90	6.9	2.7	550	459
N810685		0.16	1.2	0.062	2.87	20.1	19.9	0.74	875	1.80	1.66	8.4	3.0	620	28.5
N810686		0.16	1.1	0.132	3.46	24.9	21.5	0.76	3030	2.11	0.25	7.4	2.5	550	40.7
N810687		0.17	1.1	0.073	2.91	25.1	14.0	0.86	857	1.28	1.92	8.0	3.5	600	16.3
N810688		0.18	1.3	0.061	2.58	24.7	16.8	0.85	761	1.88	2.14	9.2	3.2	670	17.9
N810689		0.18	1.2	0.065	2.85	28.1	11.2	0.83	876	1.96	1.96	8.0	2.9	600	19.5
N810690		0.18	1.3	0.053	2.58	26.7	12.8	0.75	689	1.75	1.97	8.5	2.9	590	27.6
N810691		0.17	1.2	0.042	2.52	25.3	12.4	0.87	704	2.46	2.30	8.5	3.2	620	16.9
N810692		0.16	1.9	0.050	2.40	22.2	67.1	0.21	714	2.54	0.55	9.8	4.7	810	17.5
N810693		0.18	1.4	0.971	2.86	25.5	26.8	0.67	2000	12.55	0.26	7.7	15.3	490	1315
N810694		0.15	1.3	0.044	2.57	16.6	50.2	0.20	1160	2.32	0.68	8.3	3.4	580	33.4
N810695		0.14	1.3	0.045	2.53	15.2	74.3	0.18	902	3.41	0.35	9.1	3.1	640	22.6
N810696		0.19	1.3	0.036	2.63	26.9	45.8	0.44	667	1.85	1.50	8.6	3.4	630	19.2
N810697		0.15	1.7	0.036	2.52	17.3	44.9	0.29	1290	2.08	0.33	8.5	4.2	720	67.8
N810698		0.22	4.7	0.042	2.05	38.0	80.1	0.97	871	1.54	0.10	12.9	12.4	1780	15.2
N810699		0.15	1.5	0.033	2.19	19.8	44.7	0.70	738	0.86	1.37	8.4	3.1	610	13.4

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176321\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
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To: ROCKHAVEN RESOURCES LTD.  
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LIMITED  
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VANCOUVER BC V6B 1L8

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Plus Appendix Pages  
Finalized Date: 22-SEP-2012  
Account: ROCKHA

Project: Klaza-88

**CERTIFICATE OF ANALYSIS WH12219776**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
N810664		<0.002	6.79	211	7.4	2	8.3	122.0	0.42	0.49	9.3	0.178	2.17	5.6	50	4.2
N810665		<0.002	0.11	3.11	11.4	1	1.8	339	0.66	<0.05	11.3	0.261	1.43	4.0	74	1.7
N810666		<0.002	0.26	8.12	11.2	1	2.5	217	0.68	0.10	11.5	0.244	2.17	4.4	67	3.0
N810667		<0.002	0.05	1.54	11.5	1	1.5	447	0.63	<0.05	11.2	0.260	1.23	3.8	71	1.3
N810668		<0.002	0.05	1.22	12.5	1	1.7	401	0.71	<0.05	13.7	0.268	1.23	4.5	73	1.6
N810669		<0.002	0.26	3.94	11.5	1	1.9	264	0.72	0.07	12.9	0.262	1.86	4.3	71	2.0
N810670		<0.002	>10.0	217	4.5	4	11.4	85.9	0.23	8.05	5.9	0.106	1.39	2.2	29	4.5
N810671		<0.002	0.01	0.12	0.2	1	<0.2	49.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5	2	0.1
N810672		<0.002	0.53	10.15	7.3	1	1.3	210	0.69	<0.05	9.8	0.274	3.75	4.7	55	4.9
N810673		<0.002	0.69	10.90	6.4	1	1.5	320	0.72	<0.05	11.4	0.256	2.02	7.1	49	4.4
N810674		<0.002	0.10	5.93	6.6	1	1.3	306	0.85	<0.05	9.8	0.258	1.44	5.1	50	2.6
N810675		<0.002	0.05	7.98	6.1	1	1.4	298	0.82	<0.05	9.7	0.261	2.30	4.8	52	1.7
N810676		0.003	9.24	68.9	6.3	2	8.6	85.2	0.34	7.79	7.3	0.139	1.59	3.4	38	3.1
N810677		<0.002	0.01	0.09	0.2	1	<0.2	48.7	<0.05	<0.05	<0.2	<0.005	<0.02	1.4	2	0.1
N810678		<0.002	0.05	3.23	11.6	1	1.9	367	0.68	<0.05	12.3	0.279	1.66	3.9	77	1.2
N810679		<0.002	0.16	4.23	11.3	1	2.2	297	0.68	<0.05	12.8	0.268	1.97	4.3	74	2.6
N810680		<0.002	0.09	4.50	12.2	1	1.6	313	0.65	<0.05	11.4	0.286	1.60	3.4	82	1.8
N810681		<0.002	0.15	2.10	12.4	1	1.7	362	0.65	<0.05	13.6	0.273	1.46	4.0	75	1.6
N810682		<0.002	0.03	1.84	12.4	1	1.6	402	0.64	<0.05	12.5	0.277	1.37	3.7	77	1.2
N810683		<0.002	0.04	1.84	12.5	1	1.6	379	0.63	<0.05	13.9	0.275	1.40	3.8	75	1.2
N810684		<0.002	1.33	10.00	11.1	1	3.4	267	0.53	<0.05	13.0	0.240	1.84	5.2	67	4.6
N810685		<0.002	0.07	3.55	11.6	1	1.6	343	0.67	<0.05	12.0	0.275	1.51	3.4	75	3.3
N810686		<0.002	1.90	8.88	11.2	1	3.1	116.5	0.57	0.06	13.7	0.247	2.72	4.0	69	3.2
N810687		<0.002	0.12	2.00	11.4	1	1.8	354	0.60	<0.05	13.4	0.271	1.37	3.7	73	1.4
N810688		<0.002	0.08	1.61	13.1	1	2.0	390	0.72	<0.05	13.9	0.290	1.19	4.1	81	1.5
N810689		<0.002	0.08	1.97	11.8	1	1.9	353	0.65	<0.05	14.5	0.270	1.34	4.9	75	1.1
N810690		<0.002	0.08	1.17	12.0	1	2.2	347	0.70	<0.05	14.5	0.269	1.19	4.4	73	0.9
N810691		<0.002	0.01	0.61	11.9	1	1.9	403	0.66	<0.05	13.2	0.282	0.94	4.0	77	0.5
N810692		<0.002	0.01	10.40	11.6	1	1.7	112.5	0.75	<0.05	10.5	0.311	1.91	2.9	82	1.6
N810693		<0.002	2.98	33.9	9.3	1	6.0	151.0	0.61	0.29	13.0	0.214	2.60	5.7	58	5.1
N810694		<0.002	0.01	8.21	10.5	1	1.6	151.5	0.66	<0.05	10.0	0.283	1.83	2.8	80	1.1
N810695		<0.002	0.02	10.30	11.6	1	1.8	108.0	0.70	<0.05	9.4	0.301	1.84	2.7	89	2.0
N810696		<0.002	0.02	5.19	12.4	1	1.7	261	0.69	<0.05	14.5	0.279	1.53	2.7	76	0.8
N810697		<0.002	0.03	11.95	9.7	1	1.6	108.0	0.64	<0.05	8.7	0.291	2.00	3.6	71	1.3
N810698		<0.002	0.02	18.50	8.6	1	1.3	362	0.83	<0.05	8.5	0.441	1.83	6.6	85	1.6
N810699		<0.002	0.15	6.57	10.6	1	1.5	151.0	0.70	<0.05	12.3	0.262	1.75	3.9	64	0.9

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176321\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
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To: ROCKHAVEN RESOURCES LTD.  
 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
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 VANCOUVER BC V6B 1L8

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 Plus Appendix Pages  
 Finalized Date: 22-SEP-2012  
 Account: ROCKHA

Project: Klaza-88

**CERTIFICATE OF ANALYSIS WH12219776**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N810664		9.7	>10000	29.9	114		1.670
N810665		15.4	78	29.7			
N810666		15.1	385	31.0			
N810667		15.8	52	31.2			
N810668		18.5	57	32.7			
N810669		16.1	92	30.9			
N810670		5.7	>10000	11.6	181	1.920	2.49
N810671		1.0	25	<0.5			
N810672		13.6	101	122.5			
N810673		13.8	410	97.9			
N810674		13.1	97	86.2			
N810675		13.2	91	83.1			
N810676		7.3	1670	18.9			
N810677		0.9	17	0.5			
N810678		15.7	64	28.1			
N810679		15.9	70	28.2			
N810680		15.9	69	26.6			
N810681		17.2	66	27.8			
N810682		17.3	59	27.9			
N810683		18.0	60	28.7			
N810684		15.5	192	23.8			
N810685		15.4	72	27.6			
N810686		13.8	174	25.1			
N810687		16.0	53	26.0			
N810688		18.7	54	30.9			
N810689		17.5	53	29.1			
N810690		17.4	60	29.4			
N810691		18.0	53	28.3			
N810692		13.9	89	54.3			
N810693		12.3	3040	37.5			
N810694		12.4	65	27.8			
N810695		12.6	138	28.6			
N810696		15.9	90	29.9			
N810697		11.2	345	45.2			
N810698		14.1	77	177.0			
N810699		10.8	51	35.3			

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12176321\*\*

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Project: Klaza-88

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**CERTIFICATE OF ANALYSIS WH12219776**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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Finalized Date: 28-SEP-2012  
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**CERTIFICATE WH12220540**

Project: Klaza - 134

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 28-SEP-2012  
Account: ROCKHA

Project: Klaza - 134

**CERTIFICATE OF ANALYSIS WH12220540**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M354622		7.26	0.077	1.09	6.56	127.0	590	1.64	2.55	2.55	0.50	46.6	7.1	14	13.80	618
M354623		3.86	<0.005	0.06	7.46	12.9	690	2.09	0.12	2.93	0.12	59.0	6.5	15	13.70	7.7
M354624		1.98	<0.005	0.07	7.64	13.4	690	2.06	0.10	2.98	0.09	56.8	6.5	15	13.70	6.7
M354625		5.30	0.054	0.23	7.29	54.6	630	1.73	0.31	3.36	0.30	59.7	6.3	14	13.25	22.9
M354626		2.66	0.690	4.03	7.05	263	670	1.47	6.30	4.71	3.54	37.7	14.8	13	20.7	886
M354627		3.38	<0.005	0.01	0.09	<5	20	0.08	0.04	21.4	0.08	1.69	1.4	<1	0.28	3.5
M354628		6.37	0.077	1.18	6.67	131.5	540	1.34	1.29	3.24	0.82	34.3	10.3	8	18.35	479
M354629		4.08	0.034	1.49	6.94	176.5	360	1.42	0.59	1.49	0.59	28.2	8.5	4	14.50	743
M354630		7.35	0.085	2.23	6.79	348	270	1.20	0.67	1.20	1.78	18.05	12.0	6	10.05	1475
M354631		7.64	0.139	3.20	6.98	403	300	1.16	1.04	1.99	2.34	22.1	25.7	9	10.60	1930
M354632		6.66	0.111	2.97	6.84	342	500	1.28	0.89	2.28	1.16	23.8	27.0	13	14.00	1770
M354633		0.25	4.51	>100	5.52	6910	1370	1.23	64.1	2.02	232	36.4	9.3	17	11.90	1325
M354634		7.95	0.103	2.44	7.33	121.0	1000	1.21	0.98	1.22	0.77	27.5	18.3	11	9.26	1500
M354635		7.16	0.078	1.81	7.19	50.2	780	1.16	0.75	0.76	0.59	30.5	12.1	5	7.83	1230
M354636		7.90	0.066	1.86	7.32	35.6	800	1.16	0.88	0.96	0.28	30.8	18.8	10	8.53	1215
M354637		5.18	0.500	6.17	7.10	180.5	460	1.01	6.30	1.24	2.70	28.2	23.8	12	7.96	3300
M354638		8.80	0.064	2.63	7.30	183.5	450	1.29	1.14	1.99	0.72	29.8	33.1	10	15.05	1680
M354639		4.21	0.097	2.85	7.15	173.5	650	1.27	1.49	2.35	1.43	27.9	24.0	13	15.55	1530
M354640		4.19	<0.005	0.03	0.08	<5	20	0.05	0.03	21.7	0.06	1.23	1.6	<1	0.30	9.1
M354641		9.69	0.097	2.92	7.06	51.6	940	1.27	1.28	1.27	0.53	25.6	44.3	14	14.15	1785
M354642		8.97	0.088	3.08	6.69	63.3	500	1.26	1.00	1.78	1.05	25.2	28.0	11	13.80	1700
M354643		8.98	0.075	2.89	6.69	54.0	310	1.25	0.99	1.16	1.43	21.5	19.8	7	11.95	1395
M354644		7.49	0.109	2.78	6.63	67.6	790	1.28	0.93	0.88	1.18	34.3	13.1	5	8.90	2080
M354645		<0.02	0.104	2.97	6.81	73.6	800	1.31	1.12	0.94	1.41	34.2	13.5	5	8.81	2140
M354646		9.07	0.045	2.19	6.92	132.5	370	1.44	0.51	1.72	1.24	30.5	11.3	9	17.45	1310
M354647		8.13	0.042	1.35	8.48	24.8	2100	1.48	0.44	2.25	6.75	43.9	14.1	23	10.80	719
M354648		8.33	0.038	1.82	7.68	24.9	1650	1.36	0.91	2.83	7.73	41.2	15.9	21	13.90	465
M354649		2.98	0.158	2.03	7.03	41.0	370	1.30	2.18	3.50	3.16	34.4	27.8	19	12.20	834
M354650		4.84	0.056	1.52	7.76	25.1	780	1.31	0.70	3.32	0.58	38.8	18.6	21	13.65	839
M354651		0.28	4.38	>100	5.46	6730	1410	1.28	63.3	1.98	229	37.4	10.2	16	12.50	1290
M354652		8.43	0.062	1.37	7.69	13.9	1550	1.40	0.60	3.06	0.44	38.3	17.8	23	12.05	897
M354653		5.19	0.072	1.83	8.24	23.4	1330	1.55	0.54	3.48	1.33	42.0	16.9	23	16.05	822
M354654		6.22	0.059	1.36	8.00	25.1	1120	1.40	0.35	4.75	6.17	51.6	15.0	20	15.50	682
M354655		7.25	0.042	1.14	7.61	16.1	1250	1.32	0.53	3.16	2.97	66.1	13.5	17	10.25	515
M354656		6.85	0.040	0.89	7.68	9.1	1070	1.68	0.33	3.72	0.44	53.7	15.6	19	12.85	507
M354657		2.86	0.067	2.49	7.82	41.6	1230	1.38	1.43	3.94	11.30	46.8	16.5	23	21.8	413



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**CERTIFICATE OF ANALYSIS WH12220540**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354622		2.96	17.90	0.20	2.5	0.096	2.94	25.2	29.5	1.04	579	10.35	0.07	8.3	4.8	780
M354623		2.43	18.90	0.22	3.2	0.022	3.17	30.6	34.2	1.19	572	1.33	0.07	10.6	6.1	1000
M354624		2.45	19.40	0.22	3.4	0.025	3.18	28.9	33.0	1.21	582	1.37	0.07	11.2	6.2	1030
M354625		2.51	19.35	0.21	3.3	0.033	3.26	31.0	27.5	1.38	1020	2.03	0.06	11.0	5.9	1000
M354626		6.04	19.70	0.23	1.2	0.232	2.46	19.5	86.3	1.88	1260	14.05	0.08	6.1	5.4	1210
M354627		0.47	0.41	0.26	<0.1	0.005	0.03	0.8	1.3	13.45	213	0.26	0.01	0.5	1.7	180
M354628		3.65	16.70	0.18	1.4	0.083	2.92	18.9	41.4	1.45	926	20.4	0.06	5.0	3.1	460
M354629		2.38	16.15	0.17	1.8	0.084	3.22	15.9	10.9	0.86	555	19.10	0.05	3.8	1.3	180
M354630		2.75	15.10	0.15	1.5	0.147	2.91	8.8	26.9	0.63	372	41.4	0.05	2.3	3.2	220
M354631		4.95	13.20	0.16	1.4	0.169	2.81	10.9	31.1	0.89	914	124.0	0.05	2.6	6.5	370
M354632		3.79	13.00	0.15	1.4	0.188	3.76	11.8	20.2	1.05	909	159.0	0.08	3.3	5.6	530
M354633		8.30	14.25	0.20	1.1	4.74	2.39	19.7	36.3	0.65	3180	17.20	0.08	6.4	14.9	460
M354634		3.28	13.90	0.15	1.5	0.151	5.65	12.9	15.8	0.57	397	199.5	0.18	2.3	3.9	320
M354635		2.92	15.00	0.18	1.5	0.139	4.49	13.8	18.1	0.38	296	114.0	0.12	1.8	2.6	140
M354636		3.55	16.75	0.19	1.7	0.112	4.60	12.8	26.0	0.71	305	65.1	0.15	2.7	3.4	310
M354637		7.91	17.80	0.28	1.5	0.409	3.73	12.5	11.3	0.81	409	170.0	0.06	2.8	8.2	750
M354638		3.87	16.10	0.20	1.6	0.151	3.70	12.4	18.7	0.95	762	122.0	0.07	3.0	8.4	590
M354639		5.88	17.35	0.21	1.5	0.233	4.14	12.2	9.6	1.09	747	98.7	0.12	3.8	10.4	930
M354640		0.52	0.30	0.18	<0.1	<0.005	0.04	0.6	1.0	13.60	240	0.70	<0.01	0.3	3.9	200
M354641		5.66	16.40	0.18	1.4	0.265	4.14	10.9	13.1	1.02	492	248	0.46	3.6	10.6	740
M354642		4.12	15.75	0.17	1.4	0.193	3.75	10.3	14.1	0.83	821	292	0.07	3.1	10.2	520
M354643		3.24	13.80	0.15	1.4	0.175	3.04	9.0	14.1	0.60	522	240	0.04	2.0	5.5	260
M354644		2.96	14.55	0.15	1.6	0.154	3.87	20.1	14.3	0.48	321	29.0	0.08	2.9	3.6	190
M354645		3.35	14.50	0.18	1.6	0.151	3.83	20.2	14.4	0.50	341	28.3	0.08	3.3	4.0	210
M354646		2.64	15.00	0.18	1.5	0.076	2.98	15.0	21.8	0.76	539	18.65	0.04	4.3	4.3	440
M354647		4.51	20.6	0.25	0.9	0.084	2.36	22.5	33.7	1.57	299	17.40	0.89	7.8	6.0	870
M354648		5.30	18.60	0.23	0.8	0.142	2.34	21.1	32.3	1.70	428	29.9	0.92	6.8	6.0	810
M354649		6.44	17.60	0.23	0.7	0.180	2.04	17.7	22.8	0.94	632	12.40	0.03	5.4	6.3	710
M354650		4.73	19.50	0.15	0.7	0.087	2.33	19.4	28.6	1.02	339	45.1	0.18	6.2	6.2	820
M354651		8.15	13.75	0.23	1.1	4.80	2.34	20.6	35.8	0.64	3140	14.95	0.08	6.6	15.5	450
M354652		5.07	20.9	0.22	0.8	0.070	1.98	18.8	29.7	1.93	391	14.85	1.57	7.4	7.0	850
M354653		4.89	19.80	0.21	0.9	0.086	1.96	21.4	30.7	1.66	567	12.15	0.83	7.3	6.6	890
M354654		3.89	20.6	0.20	0.8	0.186	1.82	28.4	28.8	1.39	597	21.9	1.02	8.0	5.7	1020
M354655		3.95	19.80	0.22	0.8	0.082	2.03	39.6	24.8	1.36	416	15.35	1.11	6.7	4.5	910
M354656		4.07	20.2	0.22	1.1	0.052	1.89	28.5	27.5	1.74	454	14.55	1.85	7.9	5.5	970
M354657		5.89	20.1	0.25	0.9	0.214	2.16	23.9	44.4	2.07	1240	11.65	0.95	7.6	7.0	1150



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**CERTIFICATE OF ANALYSIS WH12220540**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M354622		19.9	143.0	0.006	1.47	89.8	6.7	2	5.8	127.0	0.62	0.06	10.8	0.227	2.28	5.9
M354623		7.9	138.0	0.002	0.16	8.24	7.1	1	1.2	135.5	0.74	<0.05	10.2	0.276	2.49	5.6
M354624		8.4	135.5	<0.002	0.15	8.36	7.2	1	1.2	134.0	0.77	<0.05	10.1	0.284	2.55	6.2
M354625		12.5	153.5	<0.002	0.56	11.55	7.2	1	1.2	135.0	0.76	<0.05	10.3	0.279	2.73	5.5
M354626		142.5	113.5	0.009	3.93	214	16.7	4	7.5	285	0.37	0.34	5.1	0.374	2.43	5.3
M354627		2.1	2.0	<0.002	<0.01	0.40	0.3	1	<0.2	47.5	<0.05	<0.05	0.2	<0.005	0.02	0.7
M354628		36.1	140.0	0.014	2.18	109.5	9.2	2	4.4	82.2	0.49	0.09	16.7	0.204	2.58	5.0
M354629		35.4	147.0	0.009	1.88	36.5	3.3	2	4.5	42.7	0.48	<0.05	25.0	0.067	2.61	4.3
M354630		54.6	123.5	0.022	2.21	95.8	3.0	3	7.2	36.6	0.30	0.08	19.4	0.075	1.99	2.9
M354631		105.5	121.0	0.062	4.38	50.3	5.7	6	6.9	56.2	0.24	0.09	10.9	0.129	2.09	2.9
M354632		38.5	136.0	0.048	2.76	102.5	10.2	4	4.3	97.0	0.31	0.05	12.0	0.179	2.23	3.2
M354633		>10000	128.5	0.002	7.18	228	7.7	2	8.3	131.5	0.49	0.45	9.8	0.190	2.11	6.0
M354634		44.6	99.4	0.050	2.57	8.94	5.0	5	5.0	115.5	0.22	0.07	13.7	0.124	2.58	3.8
M354635		34.2	139.5	0.039	2.51	5.55	1.2	3	5.5	69.7	0.15	0.07	13.6	0.085	2.30	3.5
M354636		29.3	125.5	0.026	2.70	14.70	6.2	4	6.7	99.1	0.25	0.07	14.3	0.134	2.24	4.1
M354637		130.5	172.5	0.037	8.01	8.49	9.2	5	20.4	46.5	0.24	0.21	12.9	0.151	2.07	4.2
M354638		33.7	153.5	0.055	3.27	29.0	6.9	4	5.0	83.4	0.27	0.19	14.0	0.138	2.38	4.5
M354639		90.0	173.0	0.039	4.76	13.55	12.2	4	8.8	96.8	0.33	0.12	14.0	0.181	2.74	4.5
M354640		1.6	2.6	<0.002	0.01	0.19	0.4	1	<0.2	42.8	<0.05	<0.05	0.2	<0.005	0.02	0.6
M354641		43.8	167.5	0.086	3.68	5.79	12.2	4	9.1	186.0	0.31	0.09	13.6	0.174	2.54	3.6
M354642		46.2	159.0	0.103	3.40	10.75	8.8	4	6.7	78.9	0.27	0.08	14.4	0.146	2.45	3.6
M354643		68.8	143.5	0.107	2.83	9.91	2.1	4	6.4	37.2	0.18	0.09	14.1	0.089	2.40	3.0
M354644		38.6	153.5	0.017	2.51	33.0	2.4	3	7.8	59.7	0.38	0.09	20.4	0.063	2.18	3.6
M354645		43.7	157.5	0.018	2.87	36.4	2.6	3	7.7	61.2	0.41	0.08	21.0	0.067	2.15	4.0
M354646		49.5	132.5	0.010	1.92	85.5	6.8	3	4.8	58.7	0.45	0.05	18.4	0.143	2.24	4.4
M354647		132.5	87.9	0.009	1.72	9.37	16.3	3	3.6	368	0.52	<0.05	8.6	0.398	1.51	3.3
M354648		190.5	101.0	0.008	2.75	3.70	15.7	3	4.3	355	0.46	0.05	7.9	0.356	1.69	2.6
M354649		86.9	92.5	0.008	5.38	12.80	13.6	6	4.9	73.1	0.35	0.08	7.0	0.323	1.68	2.6
M354650		44.0	92.9	0.035	3.22	8.85	14.7	4	4.3	662	0.42	0.06	7.1	0.363	1.81	2.3
M354651		9880	138.0	0.002	7.06	227	7.8	2	8.4	130.5	0.47	0.43	10.2	0.187	2.12	5.6
M354652		40.1	75.4	0.006	2.10	2.47	17.0	3	3.8	424	0.48	0.05	7.2	0.398	1.28	2.5
M354653		109.0	78.2	0.003	1.78	6.51	17.1	3	3.8	292	0.48	0.06	7.7	0.417	1.33	2.5
M354654		43.3	68.2	0.009	1.37	7.27	17.6	3	3.8	922	0.51	<0.05	7.3	0.450	1.37	2.8
M354655		157.5	65.4	0.009	1.79	4.34	14.8	3	4.5	998	0.46	0.05	8.1	0.364	1.37	3.0
M354656		27.4	68.1	0.005	1.12	3.26	17.3	3	3.7	707	0.59	0.05	11.2	0.419	1.12	3.5
M354657		893	89.0	0.007	2.37	3.26	20.6	3	5.0	1140	0.45	0.05	6.5	0.461	1.93	2.7





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**CERTIFICATE OF ANALYSIS WH12220540**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M354622		56	4.3	11.3	107	96.5			
M354623		58	2.2	13.7	88	129.0			
M354624		59	2.2	14.0	85	133.0			
M354625		58	3.2	13.9	73	130.0			
M354626		133	11.2	17.0	394	40.9			
M354627		2	<0.1	1.1	18	0.5			
M354628		72	6.5	10.7	96	42.5			
M354629		25	3.0	6.4	61	54.2			
M354630		46	6.2	4.8	189	48.2			
M354631		59	10.2	7.2	213	47.3			
M354632		66	6.8	8.1	178	45.7			
M354633		53	4.5	10.7	>10000	37.2	120	0.985	1.600
M354634		59	8.3	6.4	100	46.2			
M354635		43	7.5	7.0	60	45.6			
M354636		56	8.1	7.6	68	52.5			
M354637		83	12.8	8.5	215	49.6			
M354638		60	6.4	8.7	94	47.7			
M354639		96	9.0	10.3	187	50.4			
M354640		2	<0.1	0.9	14	<0.5			
M354641		89	6.8	7.8	123	47.2			
M354642		78	6.1	7.5	119	47.9			
M354643		40	5.9	6.8	125	45.5			
M354644		27	4.8	5.7	115	48.0			
M354645		29	5.2	6.0	135	51.0			
M354646		58	6.6	9.4	124	46.1			
M354647		127	8.3	16.6	525	21.5			
M354648		123	7.9	15.6	608	20.5			
M354649		113	12.6	13.9	283	16.5			
M354650		126	8.1	14.1	108	16.6			
M354651		52	4.2	10.3	>10000	35.9	118		1.605
M354652		133	5.7	16.2	101	19.5			
M354653		136	6.7	15.8	176	19.9			
M354654		144	6.1	18.1	545	20.3			
M354655		127	5.9	14.9	279	22.4			
M354656		142	3.7	18.9	85	27.7			
M354657		168	10.0	18.5	1140	24.2			



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**CERTIFICATE OF ANALYSIS WH12220540**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12220541**

Project: Klaza - 134

P.O. No.: Batch 4

This report is for 7 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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 Account: ROCKHA

Project: Klaza - 134

**CERTIFICATE OF ANALYSIS WH12220541**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M354658		6.05	0.056	1.65	7.08	43.7	1420	1.28	0.67	4.46	6.99	51.5	13.8	26	16.85	376
M354659		2.44	0.013	0.34	6.28	37.6	380	1.38	0.35	3.90	0.72	47.6	5.9	9	22.7	32.4
M354660		2.30	0.146	2.23	7.06	107.0	1220	1.44	1.81	4.17	25.7	51.7	15.5	27	22.0	363
M354661		3.69	<0.005	0.05	0.09	<5	30	0.06	0.04	21.3	0.14	1.47	1.5	<1	0.27	3.1
M354662		4.30	0.035	0.79	7.17	20.9	1140	1.30	0.31	3.94	1.25	51.3	17.3	32	8.93	489
M354663		4.41	0.031	0.96	6.32	20.4	1110	1.28	0.55	4.11	1.20	46.7	17.0	31	11.45	455
M354664		7.26	0.032	1.16	6.73	15.6	1370	1.35	0.56	2.35	3.06	36.0	13.3	69	8.79	637



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**CERTIFICATE OF ANALYSIS WH12220541**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M354658		5.26	18.55	0.16	0.9	0.159	1.82	25.6	30.3	1.88	974	9.84	1.28	6.4	6.2	1140
M354659		2.60	18.50	0.13	3.0	0.058	2.68	24.0	17.7	1.27	656	1.96	0.10	9.5	4.2	710
M354660		4.89	20.4	0.17	1.0	0.455	2.47	25.8	14.2	1.75	843	14.90	0.76	7.1	6.9	1180
M354661		0.47	0.39	0.06	<0.1	0.006	0.03	0.7	1.1	11.35	214	0.15	0.01	0.4	3.3	160
M354662		4.91	22.3	0.18	1.0	0.066	1.60	23.4	21.6	2.32	591	12.85	1.97	7.3	7.4	1250
M354663		4.94	20.9	0.15	0.9	0.083	1.61	21.7	25.5	2.16	594	26.3	1.57	6.7	7.5	1190
M354664		3.12	18.60	0.12	1.7	0.086	2.34	18.5	17.3	1.45	313	9.89	1.78	7.9	25.6	630



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**CERTIFICATE OF ANALYSIS WH12220541**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M354658		343	74.4	0.004	1.60	4.41	20.7	3	4.7	1340	0.38	0.06	5.9	0.457	1.49	2.3
M354659		33.6	106.0	<0.002	0.34	12.30	8.1	1	1.6	102.0	0.69	<0.05	8.6	0.280	2.63	4.2
M354660		1235	90.3	0.004	2.31	7.35	22.1	3	5.5	396	0.42	0.10	6.0	0.488	2.27	2.1
M354661		4.9	1.6	<0.002	0.01	0.10	0.3	1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	0.02	0.7
M354662		55.2	52.7	0.004	1.11	1.58	24.7	3	4.3	895	0.42	0.06	6.1	0.524	1.13	1.9
M354663		56.0	58.4	0.008	1.55	1.60	22.4	3	5.2	758	0.41	0.08	5.7	0.497	1.28	2.0
M354664		129.0	89.2	0.004	1.37	0.96	10.7	3	3.3	465	0.62	0.07	9.5	0.239	1.41	4.1



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**CERTIFICATE OF ANALYSIS WH12220541**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M354658		165	6.2	17.9	682	21.5
M354659		71	4.7	14.3	111	110.5
M354660		178	4.5	18.2	1870	24.7
M354661		2	0.1	0.8	22	0.6
M354662		190	2.8	22.4	153	20.9
M354663		185	5.5	19.4	165	20.1
M354664		78	6.4	11.5	263	52.7



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**CERTIFICATE OF ANALYSIS WH12220541**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)





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**CERTIFICATE WH12223860**

Project: Klaza-133

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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Signature:

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**CERTIFICATE OF ANALYSIS WH12223860**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356354		2.97	0.657	>100	7.74	1785	280	1.92	3.34	1.21	45.9	62.3	60.4	7	19.05	577
M356355		3.08	<0.005	0.47	0.08	11	30	0.07	0.02	21.0	0.14	1.57	1.5	<1	0.37	2.6
M356356		3.86	0.009	0.58	9.29	35.2	2520	2.53	0.90	2.56	0.17	58.4	15.2	7	31.3	10.5
M356357		3.82	0.014	0.59	6.61	22.0	570	1.33	1.07	3.88	1.80	66.0	19.0	6	8.25	8.5
M356358		6.88	0.006	0.51	6.18	8.9	1270	1.32	0.81	3.00	0.67	36.8	11.5	9	9.51	3.4
M356359		6.46	0.006	0.45	6.64	13.3	2320	1.65	0.51	2.52	3.90	45.5	7.3	9	14.70	13.5
M356360		0.26	4.53	>100	5.14	7200	140	1.19	61.5	1.91	226	35.7	9.8	17	12.25	1230
M356361		2.94	0.020	0.69	6.69	62.5	1660	1.56	0.45	2.47	2.66	43.5	6.2	9	15.65	8.4
M356362		7.73	<0.005	0.17	6.49	12.9	1750	1.63	0.48	2.34	0.20	42.7	7.1	7	14.75	9.2
M356363		2.92	0.348	4.80	5.57	99.3	1010	1.24	0.94	1.97	42.1	45.0	7.3	7	15.30	50.3
M356364		8.53	0.005	0.20	6.60	9.1	2140	1.44	0.43	2.52	0.25	45.0	7.6	11	16.90	4.7
M356365		<0.02	<0.005	0.18	6.13	8.1	2070	1.37	0.43	2.43	0.24	43.6	7.2	9	16.65	4.2
M356366		8.66	0.011	0.27	7.18	9.8	2220	1.44	0.49	2.39	0.34	50.1	7.3	11	9.32	6.4
M356367		2.66	0.039	1.10	7.19	17.0	2090	1.49	1.84	2.45	0.75	51.5	7.5	8	13.65	11.0
M356368		5.91	<0.005	0.13	6.39	8.1	1650	1.39	0.32	2.92	0.22	44.5	9.0	9	15.80	3.8
M356369		2.94	0.019	1.05	6.55	46.6	1310	1.37	0.41	2.76	16.60	64.1	11.8	7	12.00	4.2
M356370		2.96	0.972	16.00	6.35	5440	950	1.56	5.65	2.91	34.3	83.2	8.4	8	16.75	103.0
M356371		3.60	<0.005	0.02	0.06	<5	20	0.06	0.02	21.1	0.09	1.32	1.6	<1	0.20	1.8
M356372		4.53	0.211	1.86	7.49	48.4	1830	1.29	1.57	5.26	46.5	136.0	7.9	4	14.65	18.4
M356373		2.00	0.444	7.16	6.64	1430	750	1.29	3.85	2.05	70.8	48.8	6.3	6	13.90	58.8
M356374		5.38	<0.005	0.13	6.72	9.5	2030	1.35	0.37	2.32	0.59	45.4	5.8	8	13.85	4.7
M356375		7.80	0.005	0.33	6.46	13.2	1870	1.42	0.41	2.29	1.10	48.1	6.0	10	14.95	8.5
M356376		2.58	0.025	1.84	6.77	8.1	1980	1.46	0.41	2.38	26.7	50.7	5.1	9	15.65	39.1
M356377		4.94	0.021	0.53	6.14	13.8	1800	1.38	0.48	2.20	6.46	43.6	5.6	8	15.45	6.9
M356378		4.18	0.053	1.54	7.12	175.5	910	1.43	0.59	2.08	8.51	53.8	6.3	7	19.05	25.0
M356379		0.26	4.43	>100	4.98	7300	140	1.08	62.1	1.88	224	35.6	9.7	17	11.90	1235
M356380		4.28	0.020	0.27	6.12	26.6	1880	1.54	0.32	2.55	0.29	43.1	5.9	9	14.60	13.1
M356381		2.90	<0.005	0.20	6.01	8.8	2010	1.38	0.50	2.43	0.21	41.9	8.3	7	12.70	8.8
M356382		5.52	0.075	1.04	6.43	58.2	1920	1.36	0.56	2.41	12.25	38.6	8.8	7	15.65	18.8
M356383		2.84	0.100	3.15	6.50	235	930	1.47	1.02	1.74	28.8	47.8	8.9	6	19.15	35.6
M356384		5.36	0.006	0.41	6.58	16.8	1090	1.31	0.52	2.11	0.31	47.6	6.1	6	24.4	9.3
M356385		2.21	0.006	0.36	6.89	17.5	1690	1.35	0.45	2.06	0.24	48.7	7.4	6	24.8	8.4
M356386		3.44	0.009	0.39	6.88	24.7	1310	1.80	0.29	2.29	0.74	46.7	6.5	6	20.0	8.6
M356387		4.15	0.148	5.29	5.18	92.0	840	1.22	0.92	1.81	81.0	37.9	7.8	7	11.55	28.3
M356388		4.26	0.010	0.97	6.64	19.3	990	1.60	0.59	2.16	6.23	51.0	11.9	5	17.50	6.4
M356389		6.03	0.154	3.78	6.56	871	650	1.36	1.78	1.17	27.5	49.1	7.9	6	16.00	24.2



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12223860**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356354		5.27	20.9	0.20	1.2	0.568	3.35	36.1	24.4	0.48	637	8.49	0.05	8.8	5.9	590
M356355		0.47	0.38	0.06	<0.1	<0.005	0.03	0.8	1.1	11.65	205	0.12	0.01	0.4	2.8	180
M356356		2.78	33.3	0.18	1.6	0.107	3.40	29.8	300	0.74	717	5.20	0.06	12.1	4.3	830
M356357		3.15	20.0	0.15	1.0	0.177	3.26	36.7	30.6	0.87	766	3.40	0.08	6.0	2.3	520
M356358		2.73	16.60	0.11	1.0	0.038	2.46	18.7	53.2	0.76	629	1.90	0.85	6.3	2.4	520
M356359		3.06	17.80	0.13	1.2	0.088	2.70	22.9	26.3	0.72	733	1.05	1.48	8.3	2.6	540
M356360		7.63	14.15	0.20	1.1	4.97	2.19	18.4	34.7	0.61	3000	15.25	0.09	6.0	15.6	440
M356361		3.06	17.10	0.11	1.1	0.092	2.66	22.4	45.8	0.69	1160	0.82	1.08	7.8	2.5	540
M356362		2.57	17.80	0.12	1.0	0.035	2.39	21.4	182.0	0.60	629	0.61	0.60	7.8	2.5	560
M356363		3.92	15.05	0.12	0.9	0.896	2.45	24.9	34.7	0.78	3110	1.12	0.03	6.4	2.2	400
M356364		2.86	17.70	0.12	1.1	0.041	2.35	22.4	45.3	0.74	619	0.75	1.96	8.1	2.6	550
M356365		2.73	16.70	0.13	1.0	0.041	2.27	21.6	43.2	0.71	600	0.85	1.81	7.8	2.4	520
M356366		2.84	17.70	0.14	1.1	0.038	2.58	25.9	15.9	0.77	563	2.17	2.26	8.3	2.6	560
M356367		2.81	18.05	0.16	1.1	0.043	2.63	27.2	16.9	0.77	492	3.24	2.29	8.5	2.7	570
M356368		2.55	17.10	0.14	1.1	0.037	2.07	21.8	11.3	0.65	481	1.37	2.09	8.1	4.2	540
M356369		2.30	16.75	0.14	1.1	0.128	2.66	35.3	16.4	0.70	1040	3.62	0.62	7.4	2.5	510
M356370		2.80	17.30	0.16	1.1	0.662	2.44	46.5	35.7	0.74	2430	0.66	0.41	7.6	2.2	530
M356371		0.48	0.35	0.10	<0.1	<0.005	0.02	0.7	1.0	11.90	212	0.10	0.01	0.3	3.7	160
M356372		3.11	22.1	0.18	2.4	1.075	0.95	77.2	20.9	1.67	1030	0.39	2.03	6.0	3.2	1170
M356373		3.68	17.90	0.16	1.2	1.730	3.15	27.1	28.3	0.80	1100	0.96	0.07	6.8	2.6	590
M356374		2.83	17.75	0.13	1.1	0.045	2.59	22.9	26.2	0.68	531	0.55	1.38	8.4	2.5	580
M356375		3.16	16.80	0.14	1.2	0.071	2.56	24.7	17.3	0.75	757	2.54	1.73	7.9	2.5	530
M356376		3.07	17.75	0.13	1.2	0.517	2.72	26.3	14.1	0.75	712	0.92	1.86	8.5	2.5	550
M356377		3.52	16.35	0.15	1.1	0.158	2.87	21.9	20.4	0.65	929	0.98	1.23	7.9	2.3	510
M356378		3.57	16.50	0.14	1.3	0.155	2.87	29.8	49.7	0.76	1340	0.91	0.17	8.1	2.4	500
M356379		7.49	13.65	0.20	1.0	4.74	2.19	18.0	33.1	0.60	2980	14.85	0.08	5.9	15.3	420
M356380		2.95	15.75	0.14	1.1	0.040	2.68	21.0	25.7	0.74	746	1.08	1.55	8.7	2.3	550
M356381		2.66	15.30	0.12	1.0	0.031	2.47	21.1	10.4	0.68	500	1.13	1.78	8.1	2.2	520
M356382		3.26	15.25	0.15	1.0	0.178	2.86	19.1	22.1	0.70	986	0.68	0.77	8.0	2.2	530
M356383		4.13	15.20	0.15	0.9	0.219	2.80	26.7	29.4	0.73	1440	3.59	0.07	7.4	2.5	490
M356384		2.59	15.35	0.13	1.2	0.040	2.45	24.5	197.5	0.71	735	1.13	0.04	8.7	2.1	580
M356385		2.50	15.60	0.13	1.2	0.040	2.48	25.7	208	0.70	715	0.95	0.04	8.6	2.1	530
M356386		2.68	15.95	0.13	1.1	0.046	2.26	24.4	510	0.80	1000	1.23	0.04	8.0	2.4	560
M356387		3.02	13.10	0.13	0.8	0.887	2.42	20.6	29.3	0.69	1440	15.00	0.05	6.1	2.0	430
M356388		2.97	15.20	0.15	1.1	0.107	2.48	28.3	205	0.80	1080	2.98	0.04	7.8	2.4	500
M356389		3.71	15.30	0.15	1.1	0.277	2.91	26.2	28.9	0.57	999	21.3	0.04	6.5	2.5	470



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12223860**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M356354		>10000	184.0	<0.002	6.18	423	12.3	3	4.9	141.0	0.71	0.69	15.3	0.249	5.4
M356355		161.0	2.0	<0.002	0.02	1.01	0.3	1	<0.2	47.7	<0.05	<0.05	0.2	<0.005	1.3
M356356		93.6	125.5	0.002	1.39	11.95	14.9	2	3.2	335	1.03	0.18	16.0	0.340	7.0
M356357		93.5	171.0	<0.002	2.51	4.84	10.3	2	3.9	131.0	0.51	0.18	12.9	0.176	5.2
M356358		46.0	113.0	<0.002	1.80	3.42	10.2	2	1.9	221	0.51	0.29	11.7	0.191	4.1
M356359		163.5	113.5	<0.002	0.52	3.41	11.0	2	2.0	569	0.69	0.07	13.4	0.232	4.2
M356360		9420	129.5	<0.002	6.84	211	8.2	3	9.3	117.5	0.43	0.53	9.3	0.178	5.2
M356361		320	123.5	<0.002	0.54	5.64	11.0	1	2.5	269	0.62	0.06	13.3	0.232	4.1
M356362		17.8	97.9	<0.002	0.61	15.00	10.7	2	1.6	250	0.60	0.06	12.9	0.235	3.7
M356363		1610	157.5	<0.002	1.13	27.8	8.9	2	2.7	99.5	0.51	0.12	13.4	0.182	4.8
M356364		27.4	91.6	<0.002	0.38	3.70	11.1	2	1.6	350	0.62	0.11	12.9	0.241	3.5
M356365		24.9	88.8	<0.002	0.36	3.54	10.8	2	1.6	334	0.61	0.12	12.5	0.235	3.5
M356366		31.5	107.5	<0.002	0.37	1.73	11.2	2	1.6	373	0.65	0.23	14.6	0.243	4.1
M356367		97.8	109.5	0.003	0.47	2.71	11.4	2	1.6	387	0.65	0.14	14.4	0.247	4.1
M356368		23.6	74.4	<0.002	0.47	2.01	10.1	2	2.0	354	0.65	0.09	13.4	0.237	4.0
M356369		399	157.0	0.004	1.19	5.40	10.0	2	3.4	189.5	0.60	0.10	15.5	0.212	4.5
M356370		4760	142.0	<0.002	1.50	69.7	11.3	2	3.8	178.0	0.60	0.08	13.9	0.216	3.7
M356371		5.9	1.4	<0.002	0.01	0.08	0.3	1	<0.2	41.3	<0.05	<0.05	<0.2	<0.005	0.5
M356372		441	43.2	<0.002	0.95	5.36	14.9	2	3.5	1230	0.33	0.17	3.4	0.425	2.3
M356373		2070	188.0	<0.002	1.83	15.35	10.8	2	3.6	128.5	0.52	0.12	13.5	0.240	5.0
M356374		34.6	101.5	<0.002	0.30	4.73	11.3	2	1.8	302	0.68	0.07	13.8	0.250	3.6
M356375		98.4	110.0	<0.002	0.36	3.81	10.7	2	1.9	323	0.64	0.10	15.1	0.231	4.4
M356376		259	114.5	<0.002	0.35	3.42	10.9	2	1.9	347	0.69	0.06	15.6	0.238	4.6
M356377		154.5	110.5	<0.002	0.55	4.53	9.7	1	2.1	266	0.65	0.09	13.0	0.222	4.3
M356378		239	145.5	<0.002	0.97	12.10	10.3	2	3.4	151.0	0.70	0.07	16.3	0.221	5.8
M356379		9360	128.5	<0.002	6.78	211	7.9	3	8.8	114.0	0.42	0.55	9.0	0.176	5.0
M356380		29.8	105.5	<0.002	0.63	3.48	10.7	1	1.7	307	0.72	0.12	12.4	0.243	3.9
M356381		23.6	101.5	<0.002	0.41	2.24	10.3	1	1.4	341	0.62	0.13	11.8	0.236	3.5
M356382		287	125.5	<0.002	0.75	7.09	10.5	1	2.3	231	0.59	0.09	11.5	0.232	3.4
M356383		787	170.0	<0.002	1.52	26.5	10.0	1	2.9	122.5	0.57	0.27	12.6	0.207	5.1
M356384		26.8	104.0	<0.002	0.55	14.65	10.2	1	1.8	218	0.78	0.20	13.8	0.240	4.9
M356385		28.5	101.0	<0.002	0.52	14.35	10.2	1	1.7	218	0.73	0.17	14.3	0.231	4.9
M356386		49.9	107.5	<0.002	0.43	20.5	10.5	1	1.9	221	0.62	0.08	13.0	0.235	4.4
M356387		1520	144.0	0.002	1.42	27.5	8.5	1	2.6	117.0	0.47	0.07	11.4	0.168	5.4
M356388		210	148.0	<0.002	1.07	18.50	10.0	1	2.4	169.0	0.64	0.20	14.1	0.210	5.3
M356389		1120	190.0	<0.002	2.36	29.8	9.4	1	3.5	88.0	0.59	0.16	13.8	0.181	9.0



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12223860**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356354		83	2.9	12.3	2770	32.1	265	9.09	
M356355		2	0.1	0.8	20	0.5			
M356356		151	2.7	17.3	39	42.0			
M356357		73	1.3	14.1	159	25.9			
M356358		61	1.4	10.9	77	26.7			
M356359		63	2.8	16.3	335	32.9			
M356360		50	4.3	9.6	>10000	33.0	117		1.635
M356361		63	3.2	15.0	225	27.0			
M356362		64	3.1	14.1	54	28.4			
M356363		51	6.2	10.8	2720	21.9			
M356364		66	1.6	15.9	57	28.7			
M356365		63	1.5	15.6	55	26.3			
M356366		64	1.3	17.9	62	28.1			
M356367		66	1.3	18.0	84	29.7			
M356368		63	1.1	15.0	47	28.7			
M356369		58	2.3	14.0	1020	27.9			
M356370		60	2.6	14.6	2050	28.8			
M356371		1	0.1	0.8	17	<0.5			
M356372		144	1.4	19.2	2790	88.9			
M356373		69	4.6	14.6	4260	34.7			
M356374		65	2.4	16.5	76	28.6			
M356375		63	2.8	16.8	125	31.5			
M356376		65	2.2	17.5	1680	30.7			
M356377		61	4.1	14.3	425	29.2			
M356378		58	4.8	14.5	621	32.2			
M356379		51	4.3	9.4	>10000	31.6	113		1.600
M356380		66	2.1	16.7	64	26.3			
M356381		61	1.3	16.2	49	24.9			
M356382		64	2.9	14.9	763	24.2			
M356383		59	6.1	13.7	1740	20.8			
M356384		63	4.3	16.7	57	28.0			
M356385		59	4.3	16.5	49	29.5			
M356386		64	6.4	14.4	87	28.8			
M356387		52	2.7	11.3	4920	20.5			
M356388		57	3.2	15.9	424	25.3			
M356389		55	12.9	12.1	1720	26.6			



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**CERTIFICATE OF ANALYSIS WH12223860**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12223861**

Project: Klaza-133

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12223861**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-GRA22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
M356390		4.91	0.007		0.42	7.10	15.8	1130	1.56	0.42	2.28	0.49	53.5	8.3	7	16.55
M356391		3.41	0.025		0.86	6.35	42.7	1520	1.48	0.55	2.42	2.01	41.2	6.8	7	20.6
M356392		8.23	0.007		0.29	6.59	20.7	1790	1.40	0.26	2.35	0.49	43.5	6.6	7	17.85
M356393		0.24	4.46		>100	4.99	6330	180	1.11	55.0	1.84	205	30.7	9.4	16	11.15
M356394		7.13	0.009		0.24	6.44	24.4	2640	1.47	0.45	2.83	0.36	39.9	9.1	7	17.00
M356395		2.94	0.113		2.90	5.87	322	680	1.48	0.89	1.82	9.19	44.9	8.1	9	18.20
M356396		6.69	0.011		0.33	6.50	112.5	1690	1.56	0.16	2.07	0.23	53.0	6.7	29	20.8
M356397		3.11	1.565		55.3	5.78	5530	860	1.76	2.46	2.33	102.0	45.8	6.0	20	25.4
M356398		4.45	<0.005		0.05	0.13	<5	50	0.09	0.03	20.8	0.15	1.16	1.5	<1	0.29
M356399		7.25	0.025		0.11	6.15	16.0	750	1.98	0.24	3.39	0.13	46.9	6.1	23	33.5
M356400		3.13	0.007		0.48	6.31	65.7	1010	2.05	0.29	2.91	0.69	47.3	6.0	24	27.1
M356401		3.07	0.097		3.93	7.16	211	1040	1.67	1.25	1.91	10.90	56.0	7.0	14	25.7
M356402		5.23	0.070		1.10	6.81	29.7	950	1.50	0.87	1.90	11.10	48.8	10.9	6	12.85
M356403		3.71	0.048		1.09	6.78	18.8	1160	1.46	0.67	2.31	2.58	57.7	15.7	7	9.35
M356404		4.13	0.020		1.32	6.84	53.5	690	1.48	0.72	1.60	9.06	54.2	13.0	7	12.00
M356405		2.76	0.336		8.75	5.95	471	790	1.15	3.07	0.85	59.1	36.5	21.9	7	8.84
M356406		5.97	0.019		0.98	7.07	40.9	790	1.46	0.68	2.40	4.80	50.7	16.5	6	9.11
M356407		<0.02	0.022		0.85	6.55	41.8	840	1.53	0.65	2.35	4.32	50.4	16.8	7	8.90
M356408		3.04	0.294		12.65	6.07	155.5	610	1.23	9.63	2.35	21.1	40.7	44.5	6	8.69
M356409		3.22	0.056		2.15	5.20	90.3	520	1.15	3.28	3.62	1.65	41.8	27.8	5	9.07
M356410		2.54	5.25		8.32	5.11	6930	2180	1.08	4.98	1.19	66.1	27.5	10.7	6	8.56
M356411		4.28	<0.005		0.03	0.09	14	40	0.05	0.04	20.4	0.17	1.19	1.5	<1	0.25
M356412		2.71	0.134		6.70	6.59	90.2	540	1.45	9.88	1.78	4.48	51.5	11.7	8	10.95
M356413		4.08	0.564		5.66	6.58	84.2	510	1.26	9.50	2.28	5.37	55.0	12.4	6	8.08
M356414		8.73	>10.0	24.5	3.39	7.08	13.6	830	1.43	0.94	2.40	3.27	59.2	13.7	7	7.19
M356415		3.98	0.627		14.00	5.78	147.0	160	1.20	10.50	1.95	4.56	36.2	55.1	6	4.78
M356416		2.69	0.054		1.00	6.73	13.1	440	1.46	1.16	3.09	2.05	45.0	30.2	10	5.85
M356417		4.45	0.036		0.68	6.83	54.5	600	1.64	1.11	2.76	1.39	31.4	23.7	22	5.54
M356418		6.73	0.005		0.24	6.95	7.9	1990	1.54	0.93	2.69	0.22	41.8	8.9	8	6.31
M356419		5.76	0.008		0.15	7.74	13.4	2410	1.76	1.15	2.25	0.19	51.5	12.2	10	9.52
M356420		6.16	<0.005		0.09	7.58	8.2	2190	1.89	0.59	2.07	0.20	52.2	6.4	9	9.65
M356421		8.24	<0.005		0.09	7.02	8.4	2000	1.67	0.34	2.24	0.16	48.0	7.0	11	7.61
M356422		0.25	4.57		>100	5.26	7600	340	1.19	62.9	1.83	213	31.0	9.2	17	11.30
M356423		8.16	<0.005		0.13	7.40	12.1	2200	1.80	0.53	2.03	0.21	55.2	5.9	9	6.98
M356424		3.60	<0.005		0.12	7.59	12.3	2260	1.70	0.50	2.10	0.21	54.2	6.2	9	7.48
M356425		7.10	0.031		0.23	7.47	110.5	1990	1.66	0.66	2.58	0.95	48.5	10.1	9	9.10





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**CERTIFICATE OF ANALYSIS WH12223861**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M356390		4.1	2.06	15.90	0.14	1.1	0.040	2.94	28.2	83.9	0.81	677	1.07	0.05	7.6	2.0
M356391		12.5	2.33	15.60	0.13	1.3	0.059	2.57	20.3	102.0	0.60	524	0.62	0.63	8.2	2.4
M356392		6.8	2.71	16.05	0.14	1.2	0.049	2.66	21.5	43.8	0.72	483	0.67	0.89	8.6	2.2
M356393		1195	7.39	12.55	0.18	1.1	4.71	2.11	15.6	29.5	0.55	2900	15.30	0.07	5.7	13.0
M356394		4.9	2.67	15.65	0.12	1.1	0.052	2.86	19.8	70.8	0.66	638	0.67	0.95	8.0	2.3
M356395		16.3	2.77	14.50	0.13	1.6	0.140	2.40	23.6	54.4	0.70	1080	2.88	0.04	7.5	6.0
M356396		13.7	1.97	18.40	0.14	4.1	0.024	2.16	28.3	246	0.80	524	3.08	0.07	9.2	23.0
M356397		95.1	2.93	17.40	0.15	3.0	0.689	2.11	25.3	85.3	0.73	588	3.94	0.05	8.1	14.4
M356398		2.8	0.48	0.35	0.05	<0.1	<0.005	0.04	0.6	1.7	11.35	210	0.19	0.01	0.3	2.5
M356399		12.6	2.03	17.85	0.13	3.3	0.027	2.47	23.9	108.0	0.90	456	1.25	0.07	9.3	16.0
M356400		13.1	2.01	18.75	0.14	3.7	0.046	2.24	23.8	132.5	0.83	650	1.46	0.06	9.4	17.8
M356401		36.6	2.69	18.05	0.14	2.4	0.226	2.74	30.5	74.6	0.67	816	3.33	0.05	9.3	12.3
M356402		8.9	3.27	16.65	0.18	1.1	0.179	2.90	26.4	148.0	0.74	979	2.64	0.04	7.9	2.7
M356403		5.8	2.53	15.90	0.14	1.0	0.092	2.83	32.0	79.9	0.77	940	0.43	0.09	7.0	2.3
M356404		6.6	3.01	15.60	0.16	1.0	0.155	3.01	30.6	49.0	0.64	1060	3.02	0.06	7.6	2.4
M356405		89.9	4.93	14.55	0.16	0.8	0.834	2.72	18.1	11.0	0.43	1630	4.19	0.04	6.0	2.9
M356406		5.1	3.19	16.35	0.16	1.0	0.103	2.89	27.5	56.9	0.86	1220	0.57	0.11	7.3	2.4
M356407		4.3	3.06	16.10	0.17	0.9	0.100	2.88	26.8	57.2	0.83	1200	0.61	0.10	7.2	2.4
M356408		77.7	3.70	15.05	0.16	0.8	0.263	2.61	21.1	14.4	0.87	1570	10.60	0.08	6.0	2.5
M356409		11.1	4.21	13.85	0.17	0.7	0.138	2.47	22.9	14.0	0.84	1520	24.1	0.05	5.3	2.6
M356410		39.6	6.82	12.85	0.19	0.7	0.556	2.44	13.4	13.4	0.45	1380	15.70	0.02	5.1	2.9
M356411		3.2	0.50	0.31	0.05	<0.1	<0.005	0.04	0.6	1.1	11.40	210	0.26	0.01	0.3	2.0
M356412		157.5	4.13	16.15	0.14	0.9	0.171	2.93	29.2	151.5	0.77	1290	1.27	0.03	7.3	2.5
M356413		91.3	3.78	15.40	0.16	0.9	0.235	3.18	30.5	13.2	0.88	1560	1.42	0.04	6.9	2.4
M356414		14.5	2.33	16.45	0.13	0.9	0.135	2.84	33.4	40.4	0.73	1100	0.78	0.06	6.3	2.5
M356415		261	5.58	14.25	0.18	0.7	0.276	2.82	16.6	8.9	0.60	1230	0.33	0.04	5.6	2.3
M356416		7.8	3.22	16.90	0.06	1.3	0.081	3.12	19.2	30.3	0.79	1420	1.71	0.07	6.3	3.8
M356417		27.7	3.88	18.50	0.08	2.4	0.148	3.16	11.0	20.7	0.88	1480	0.78	0.22	6.4	3.6
M356418		8.7	2.70	15.85	0.08	1.0	0.041	2.31	20.1	8.3	0.65	521	0.35	1.83	7.8	2.5
M356419		12.8	2.97	17.30	0.08	1.0	0.039	2.63	26.2	15.1	0.76	449	0.75	2.38	8.9	3.0
M356420		8.0	2.72	17.60	0.09	1.0	0.048	2.49	26.1	15.7	0.84	514	0.34	2.67	9.1	2.8
M356421		11.7	2.67	16.15	0.09	1.0	0.045	2.35	23.3	12.2	0.78	546	0.83	2.25	8.5	2.6
M356422		1180	7.63	13.15	0.08	1.0	4.72	2.09	15.9	31.1	0.61	2950	14.90	0.08	5.9	13.7
M356423		7.7	2.69	17.05	0.06	1.0	0.037	2.47	28.2	11.4	0.78	493	3.76	2.51	8.7	2.6
M356424		9.3	2.79	17.70	0.07	1.0	0.038	2.52	27.9	11.4	0.81	520	3.20	2.56	9.1	2.8
M356425		15.2	2.88	17.25	0.09	1.0	0.049	2.59	24.4	12.6	0.79	603	2.41	2.11	8.4	2.5



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**CERTIFICATE OF ANALYSIS WH12223861**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.2	% 0.005
M356390		540	28.9	153.5	<0.002	0.90	8.67	10.4	1	1.7	141.5	0.64	0.13	14.2	0.211
M356391		530	95.2	101.5	<0.002	0.58	10.10	9.5	1	1.6	239	0.69	0.11	11.8	0.226
M356392		560	32.3	95.5	<0.002	0.32	6.81	10.4	1	1.6	251	0.69	0.07	12.3	0.242
M356393		390	8530	124.0	0.002	6.02	196.0	7.2	2	8.3	112.5	0.41	0.43	7.5	0.170
M356394		540	28.0	118.5	<0.002	0.91	6.93	10.3	1	1.6	301	0.62	0.15	11.4	0.231
M356395		450	621	143.0	<0.002	1.63	19.85	8.4	1	2.6	233	0.60	0.12	12.0	0.198
M356396		590	31.1	86.6	<0.002	0.29	13.30	6.0	1	1.5	588	0.71	<0.05	10.8	0.245
M356397		540	>10000	107.5	<0.002	1.72	72.2	6.2	1	3.8	323	0.62	0.10	9.5	0.222
M356398		170	17.9	2.0	<0.002	0.01	0.11	0.3	1	<0.2	45.5	<0.05	<0.05	<0.2	0.006
M356399		650	22.4	83.5	<0.002	0.03	7.02	5.7	1	1.6	497	0.68	<0.05	8.9	0.246
M356400		640	104.5	75.1	<0.002	0.19	16.15	5.8	1	1.7	383	0.72	<0.05	9.2	0.252
M356401		570	797	140.5	<0.002	1.41	26.7	11.5	1	2.6	384	0.72	0.13	14.1	0.259
M356402		530	290	176.0	<0.002	1.83	8.65	11.2	1	2.4	155.5	0.61	0.21	13.2	0.218
M356403		530	292	131.0	<0.002	1.56	7.87	10.4	1	2.1	120.0	0.59	0.11	14.1	0.190
M356404		530	422	164.0	<0.002	2.02	9.49	10.1	1	2.7	77.8	0.61	0.10	14.5	0.209
M356405		450	1905	165.0	<0.002	4.58	28.5	10.2	1	3.4	44.1	0.49	0.33	10.9	0.184
M356406		520	176.0	162.0	<0.002	2.06	6.70	11.0	1	2.5	96.3	0.61	0.16	13.9	0.196
M356407		510	177.5	154.5	<0.002	1.96	6.49	10.9	1	2.5	93.6	0.59	0.11	14.3	0.193
M356408		410	2870	163.5	0.002	2.56	23.2	9.3	1	2.3	88.0	0.51	0.24	11.4	0.158
M356409		370	157.0	158.0	0.002	3.33	23.6	8.2	1	2.3	113.0	0.41	0.21	9.8	0.150
M356410		370	1205	171.0	<0.002	7.04	51.5	7.2	1	5.3	97.1	0.41	0.24	7.6	0.156
M356411		160	3.0	2.3	<0.002	0.03	0.15	0.4	1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005
M356412		510	261	179.5	<0.002	2.28	38.9	10.5	1	2.6	119.5	0.54	0.31	13.3	0.207
M356413		510	183.5	192.0	<0.002	2.51	13.15	10.3	1	2.6	80.3	0.56	0.16	13.3	0.197
M356414		540	115.5	152.5	<0.002	1.25	9.49	10.6	1	2.6	85.4	0.49	0.10	13.1	0.189
M356415		420	619	190.5	<0.002	5.54	40.8	8.2	1	4.4	55.1	0.42	0.40	9.9	0.162
M356416		580	221	170.0	0.002	2.19	2.88	10.5	1	2.9	104.0	0.52	0.16	10.4	0.218
M356417		680	55.4	187.0	<0.002	2.13	7.28	10.2	1	3.1	85.6	0.50	0.20	8.9	0.251
M356418		530	32.4	104.5	<0.002	1.38	1.94	10.4	1	1.8	291	0.65	0.35	12.6	0.220
M356419		610	24.8	110.5	<0.002	1.28	1.71	12.9	1	1.7	362	0.72	0.54	13.9	0.261
M356420		580	22.6	106.0	<0.002	0.45	1.44	11.8	1	1.7	382	0.77	0.18	13.0	0.256
M356421		550	20.2	103.0	<0.002	0.24	1.38	11.0	1	1.6	341	0.65	0.10	12.6	0.243
M356422		420	9020	138.5	<0.002	6.60	207	7.6	2	8.5	118.5	0.44	0.50	8.2	0.172
M356423		570	22.6	107.5	<0.002	0.60	1.45	11.4	1	1.7	367	0.71	0.13	14.2	0.252
M356424		580	21.8	114.0	<0.002	0.52	1.46	12.1	1	1.9	381	0.70	0.14	13.9	0.253
M356425		560	40.6	113.0	<0.002	1.18	2.45	11.5	1	1.9	353	0.68	0.23	13.8	0.243



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**CERTIFICATE OF ANALYSIS WH12223861**

Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356390		4.8	63	1.7	13.4	70	26.3			
M356391		4.8	61	1.7	13.6	153	30.8			
M356392		4.3	65	2.4	15.5	68	28.6			
M356393		4.3	48	4.3	9.6	>10000	29.5	116		1.620
M356394		3.8	64	2.5	14.8	66	25.4			
M356395		4.5	50	3.6	12.9	611	47.1			
M356396		4.3	48	1.3	12.1	71	144.0			
M356397		3.3	46	2.2	10.5	6380	99.9		2.02	
M356398		0.4	2	0.1	0.9	23	0.7			
M356399		4.1	46	1.1	11.4	61	108.5			
M356400		3.9	48	1.4	11.8	83	121.5			
M356401		5.3	65	4.5	15.0	723	80.1			
M356402		4.5	63	2.3	13.6	703	27.9			
M356403		4.8	57	1.5	12.5	183	24.5			
M356404		5.6	57	2.6	11.9	634	24.4			
M356405		4.5	58	4.3	9.6	3740	19.6			
M356406		4.5	61	1.8	13.4	332	23.1			
M356407		4.3	60	1.8	12.6	309	23.1			
M356408		14.9	56	1.8	12.4	1280	19.4			
M356409		18.3	50	2.5	11.3	134	16.2			
M356410		9.7	49	5.3	8.1	3950	16.7			
M356411		0.6	2	0.1	0.9	23	0.6			
M356412		17.1	59	3.4	12.6	333	22.3			
M356413		5.0	61	2.3	14.6	491	20.0			
M356414		4.4	64	1.4	13.1	359	21.4			
M356415		2.3	50	1.9	10.8	410	16.1			
M356416		3.9	70	1.1	12.7	230	46.1			
M356417		4.4	79	2.1	12.8	149	91.3			
M356418		3.6	64	0.8	12.6	50	29.4			
M356419		4.8	75	1.5	17.6	50	29.1			
M356420		4.0	72	1.4	17.8	53	26.8			
M356421		3.6	67	2.5	16.2	50	27.7			
M356422		5.0	51	4.4	8.8	>10000	32.5	119		1.625
M356423		4.2	69	3.1	17.2	62	27.9			
M356424		4.2	70	3.4	18.4	54	27.9			
M356425		3.8	68	1.9	17.0	102	26.8			



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**CERTIFICATE OF ANALYSIS WH12223861**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12223862**

Project: Klaza-133

P.O. No.: Batch 9

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

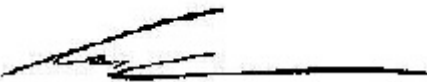
ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12223862**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356426		7.72	0.006	0.14	7.40	7.1	2800	1.70	0.56	2.66	0.28	44.5	6.7	10	8.63	11.6
M356427		7.32	0.007	0.19	7.22	7.4	1390	1.49	0.83	2.65	0.37	44.3	8.1	10	7.49	11.0
M356428		7.66	0.005	0.17	7.28	8.8	2430	1.32	0.57	2.45	0.30	50.1	6.4	9	7.15	4.3
M356429		8.42	<0.005	0.10	7.38	8.8	2280	1.61	0.39	2.28	0.34	51.2	6.2	10	8.79	4.9
M356430		<0.02	<0.005	0.18	7.47	8.8	2300	1.82	0.39	2.33	0.61	53.7	6.4	13	9.01	5.2
M356431		8.16	0.007	0.23	7.71	8.7	740	1.59	0.77	2.34	0.29	47.9	9.0	9	9.12	19.0
M356432		8.17	0.007	0.23	7.09	8.7	2370	1.55	0.47	2.65	0.41	44.2	7.2	11	11.05	8.7
M356433		5.01	<0.005	0.18	6.84	9.2	2290	1.79	0.37	2.48	0.23	41.6	3.9	11	10.35	4.8
M356434		2.49	0.124	2.45	7.14	117.0	330	1.57	1.37	2.15	2.63	42.0	10.3	8	14.10	14.8
M356435		8.33	0.021	0.31	7.13	100.5	1580	1.87	0.17	2.51	0.15	53.7	6.6	15	16.20	6.8
M356436		0.22	4.45	>100	5.34	6560	730	1.15	66.7	1.98	226	32.0	9.6	18	10.85	1315
M356437		7.81	0.010	0.30	6.81	42.7	4570	2.05	0.18	3.33	0.32	48.9	6.2	14	17.40	4.0
M356438		7.02	<0.005	0.13	6.87	11.4	380	2.00	0.17	3.00	0.18	49.8	6.3	14	17.65	10.5
M356439		3.02	0.391	21.8	6.11	291	490	1.50	8.23	1.74	30.5	46.8	6.6	8	15.75	196.0
M356440		2.98	<0.005	0.20	0.08	<5	50	0.05	0.03	20.8	0.09	1.19	0.6	<1	0.39	1.8
M356441		4.80	<0.005	0.23	7.33	12.0	2250	1.27	0.36	2.15	0.19	39.3	7.0	6	16.40	6.5
M356442		3.96	0.010	0.32	7.38	22.5	2580	1.34	0.30	2.14	1.36	42.7	6.7	6	13.20	17.5
M356443		5.46	0.006	0.26	6.95	20.6	1520	1.48	0.28	2.56	0.26	39.8	8.1	6	15.55	7.7
M356444		3.84	0.062	1.82	7.32	63.9	1400	1.74	0.90	2.45	2.62	49.1	6.3	6	17.25	25.2
M356445		1.52	0.035	0.85	7.29	59.8	1180	1.67	0.51	2.48	1.54	50.3	6.6	6	17.00	23.7
M356446		4.02	0.036	0.91	5.48	97.9	970	1.33	0.93	3.28	1.09	39.5	11.3	6	13.05	12.8
M356447		4.28	0.062	0.55	7.22	95.1	950	1.54	0.80	2.18	0.39	49.4	9.5	8	17.00	5.8
M356448		2.66	0.087	1.44	6.78	64.7	340	1.38	2.35	1.92	2.24	45.5	88.0	6	6.70	13.4
M356449		3.38	<0.005	0.30	7.63	13.1	1530	1.29	0.60	1.87	0.26	51.3	10.8	8	11.05	5.1
M356450		8.42	0.006	0.38	7.17	14.4	700	1.38	0.68	2.76	0.28	42.1	18.2	8	11.85	2.9
M356451		0.25	4.47	>100	5.38	6560	500	1.21	69.4	1.99	228	30.2	9.1	17	10.50	1310
M356452		5.24	0.006	0.60	6.80	10.0	1150	1.43	0.98	2.96	0.27	38.7	9.4	7	9.35	7.0
M356453		4.56	0.006	0.40	6.68	11.9	980	1.54	0.83	3.17	0.88	36.4	13.3	8	11.75	10.4
M356454		5.30	0.020	0.57	7.54	39.9	890	1.55	0.82	4.80	1.06	69.2	12.9	46	15.00	19.5
M356455		3.09	0.010	0.34	6.49	32.4	2120	1.54	0.69	2.71	0.44	41.2	10.3	8	10.50	11.7
M356456		3.63	0.095	4.51	7.05	96.0	520	1.67	8.41	2.42	8.53	52.0	7.2	7	14.95	38.7
M356457		2.98	0.279	6.95	6.52	101.5	410	1.34	1.25	2.63	118.5	42.0	14.5	12	15.05	111.0
M356458		4.74	<0.005	0.04	0.07	6	30	0.05	0.05	20.6	0.13	1.19	0.6	<1	0.45	2.5
M356459		4.60	<0.005	0.17	7.63	12.8	1770	1.35	0.28	4.56	0.37	63.7	20.0	49	15.90	10.2
M356460		4.02	<0.005	0.12	7.09	9.1	2050	1.50	0.39	2.59	0.16	45.6	7.5	9	19.95	7.3
M356461		2.69	0.010	0.22	7.35	20.5	590	1.45	0.65	2.56	0.31	46.3	7.5	7	25.7	9.5



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12223862**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356426		2.95	16.00	0.14	1.2	0.045	2.90	20.9	13.8	0.79	729	0.64	2.06	7.9	2.0	600
M356427		2.78	15.10	0.13	1.1	0.044	2.41	20.3	10.8	0.66	526	0.37	2.44	7.3	1.7	590
M356428		2.73	14.80	0.16	1.1	0.042	2.66	24.2	12.3	0.75	553	0.66	2.23	7.5	1.6	570
M356429		2.77	15.10	0.17	1.3	0.046	2.87	24.6	16.2	0.78	570	0.93	2.39	8.5	1.6	570
M356430		2.80	16.10	0.13	1.4	0.049	2.91	25.7	17.4	0.79	583	1.13	2.41	9.0	1.9	580
M356431		2.95	16.75	0.13	1.0	0.041	2.84	25.0	15.3	0.65	548	1.61	2.16	7.2	2.5	600
M356432		2.78	14.95	0.14	1.1	0.058	2.54	20.7	17.3	0.80	698	0.71	2.42	7.9	2.1	610
M356433		2.62	14.90	0.14	0.9	0.052	2.73	20.3	14.2	0.72	699	0.39	2.18	7.8	1.4	570
M356434		3.76	14.80	0.16	1.2	0.100	2.85	19.3	72.0	0.71	1020	8.51	1.36	7.6	2.5	670
M356435		2.25	16.45	0.16	2.5	0.029	3.09	27.2	141.0	0.86	679	1.81	0.05	10.0	4.6	900
M356436		7.91	12.15	0.13	1.1	4.76	2.38	15.9	32.8	0.62	3100	14.85	0.08	5.6	12.8	460
M356437		2.26	16.90	0.18	2.3	0.031	3.13	23.5	56.5	0.94	636	1.20	0.05	9.9	4.3	820
M356438		2.31	16.60	0.18	2.6	0.026	3.11	23.7	57.2	0.97	694	1.59	0.05	10.1	4.6	880
M356439		4.14	13.35	0.13	1.4	0.779	2.22	24.3	230	0.61	828	3.08	0.04	7.2	2.3	550
M356440		0.49	0.21	0.12	<0.1	0.008	0.04	0.6	1.6	12.65	225	0.14	<0.01	0.2	0.9	170
M356441		2.53	15.15	0.17	0.9	0.040	1.73	18.6	158.5	0.66	737	0.82	0.05	7.9	1.4	620
M356442		2.74	14.95	0.16	1.2	0.062	2.94	20.9	94.5	0.72	673	0.64	0.11	7.8	1.4	580
M356443		2.71	14.35	0.12	1.3	0.037	2.52	19.3	135.5	0.79	900	0.51	0.06	8.2	1.6	610
M356444		2.64	14.80	0.16	1.1	0.068	3.05	24.1	204	0.79	1550	3.12	0.04	7.9	1.5	580
M356445		2.56	14.70	0.15	1.1	0.046	3.12	24.9	166.5	0.80	1700	1.52	0.04	7.7	1.4	580
M356446		2.55	12.00	0.14	0.9	0.045	2.36	20.1	60.3	0.68	912	2.97	0.04	5.6	1.8	460
M356447		3.34	14.90	0.16	1.0	0.065	3.11	24.3	101.5	0.76	1600	1.34	0.05	7.3	2.0	580
M356448		6.27	14.15	0.17	0.8	0.150	3.35	21.4	16.1	0.83	1160	9.91	0.04	6.1	3.9	480
M356449		2.45	16.30	0.15	1.0	0.048	3.33	25.1	48.6	0.62	736	0.49	0.10	8.2	1.8	610
M356450		2.84	15.40	0.13	1.0	0.057	2.83	18.7	97.9	0.87	787	0.42	0.09	7.0	2.0	620
M356451		7.93	12.00	0.12	1.0	4.87	2.38	15.1	32.1	0.63	3140	14.75	0.08	5.7	12.5	460
M356452		3.33	14.35	0.14	0.9	0.037	2.83	17.8	22.4	0.72	647	0.28	1.22	6.5	1.8	570
M356453		3.47	16.10	0.13	1.0	0.071	2.74	16.0	38.9	0.91	806	1.59	1.18	7.1	2.2	570
M356454		5.50	18.20	0.19	2.7	0.141	1.39	32.7	76.6	2.22	1590	0.55	1.82	6.5	3.0	1230
M356455		2.63	14.40	0.15	0.9	0.055	3.13	19.1	21.0	0.66	793	0.29	1.17	7.4	1.7	540
M356456		4.16	15.60	0.16	0.9	0.249	3.39	26.2	69.7	0.86	1900	0.43	0.06	7.6	1.7	560
M356457		3.93	13.60	0.14	1.0	1.075	2.86	20.6	41.4	0.99	1500	0.66	0.54	6.3	1.8	580
M356458		0.46	0.23	0.11	<0.1	<0.005	0.04	0.6	1.5	12.45	214	0.13	0.01	0.3	0.8	170
M356459		5.36	18.85	0.18	2.9	0.088	2.10	26.5	36.3	2.42	1220	1.70	1.53	6.6	3.6	1240
M356460		2.46	15.25	0.18	1.2	0.042	2.80	21.6	77.0	0.66	569	0.45	1.32	7.7	1.7	590
M356461		2.57	16.35	0.07	1.0	0.051	2.64	23.8	76.4	0.87	647	0.28	0.10	8.1	2.5	610



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**CERTIFICATE OF ANALYSIS WH12223862**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M356426		23.6	105.5	<0.002	1.21	2.07	10.8	1	1.6	593	0.57	0.24	11.6	0.244	3.2
M356427		24.7	89.4	<0.002	1.67	2.11	10.3	1	1.5	595	0.53	0.32	11.9	0.223	2.8
M356428		26.9	95.6	<0.002	0.76	1.82	10.0	1	1.5	419	0.60	0.10	13.8	0.231	4.0
M356429		26.2	100.5	0.003	0.43	1.44	9.9	<1	1.5	367	0.67	0.10	13.9	0.239	4.7
M356430		27.8	101.0	0.003	0.46	1.50	10.6	<1	1.6	371	0.71	0.12	14.1	0.242	4.6
M356431		30.6	123.5	<0.002	1.76	2.74	11.3	1	1.8	297	0.70	0.26	12.4	0.226	4.5
M356432		32.2	80.7	0.002	0.92	2.14	10.3	1	1.8	1535	0.62	0.19	12.0	0.252	3.3
M356433		27.0	91.5	0.003	0.36	2.33	10.0	<1	1.6	503	0.57	0.07	11.1	0.235	3.0
M356434		846	129.5	0.002	2.37	18.00	10.7	1	2.6	709	0.50	0.27	10.7	0.253	4.0
M356435		19.4	125.0	0.002	0.34	18.65	6.3	1	1.5	415	0.67	<0.05	9.6	0.249	4.3
M356436		9860	129.0	0.003	6.97	214	7.4	<1	8.0	121.0	0.40	0.45	8.4	0.184	4.8
M356437		22.5	116.0	<0.002	0.25	16.90	5.9	<1	1.4	338	0.67	<0.05	9.2	0.238	4.4
M356438		13.9	119.5	0.002	0.09	17.65	6.2	<1	1.3	271	0.68	<0.05	8.9	0.256	4.7
M356439		4010	112.5	0.002	2.85	64.1	9.0	<1	2.2	181.0	0.51	0.16	10.6	0.215	4.4
M356440		5.9	2.1	0.002	<0.01	0.12	0.1	<1	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	0.5
M356441		38.2	53.6	<0.002	0.34	20.6	10.2	1	1.6	145.0	0.52	0.10	10.4	0.257	1.7
M356442		33.1	103.5	<0.002	0.47	10.10	10.0	1	2.0	156.5	0.61	0.10	11.9	0.238	3.2
M356443		20.7	82.4	0.002	0.51	13.80	10.0	1	1.9	171.0	0.61	0.06	11.5	0.252	2.7
M356444		398	148.5	0.002	1.29	21.5	10.0	<1	1.7	174.0	0.62	0.13	12.8	0.238	4.4
M356445		126.0	151.5	0.002	1.20	17.35	10.0	1	1.7	158.0	0.59	0.18	13.1	0.232	4.4
M356446		56.2	126.0	0.002	1.67	32.2	7.8	<1	1.7	162.5	0.42	0.26	11.0	0.171	6.7
M356447		34.9	167.0	<0.002	1.82	9.09	10.5	<1	2.3	131.5	0.52	0.23	10.9	0.226	4.9
M356448		86.4	213	0.005	6.06	12.90	11.0	1	4.5	59.0	0.38	0.58	10.8	0.186	8.7
M356449		23.3	143.0	0.002	1.04	14.35	11.2	1	2.2	115.5	0.55	0.11	12.8	0.251	3.7
M356450		23.5	116.0	0.002	1.57	7.62	10.3	1	2.0	125.5	0.51	0.12	12.0	0.227	4.3
M356451		9940	121.0	0.003	7.06	216	7.0	1	7.8	121.5	0.39	0.37	8.2	0.184	4.7
M356452		24.1	98.8	0.003	1.92	3.11	9.0	<1	1.8	213	0.52	0.24	11.4	0.216	3.4
M356453		24.3	106.5	0.003	1.95	4.21	9.9	1	1.7	246	0.50	0.20	9.6	0.221	3.0
M356454		52.2	47.0	<0.002	0.53	6.57	23.9	1	2.9	723	0.36	0.06	6.4	0.518	2.4
M356455		38.3	131.5	<0.002	0.99	4.26	9.5	<1	1.8	281	0.53	0.14	10.3	0.224	2.8
M356456		291	172.5	<0.002	1.98	13.30	10.4	<1	2.9	120.0	0.55	0.22	12.6	0.233	3.7
M356457		2270	121.5	0.002	2.51	19.90	10.4	<1	1.9	239	0.44	0.22	10.4	0.237	2.8
M356458		3.5	2.3	0.002	<0.01	0.05	0.2	<1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	0.8
M356459		20.1	64.0	0.002	0.30	4.30	24.1	1	1.4	665	0.37	0.08	6.4	0.523	1.8
M356460		17.3	92.2	0.002	0.56	5.10	10.2	<1	1.4	325	0.57	0.11	11.9	0.248	3.0
M356461		19.7	102.0	<0.002	0.98	11.20	12.2	1	1.6	178.0	0.68	0.19	12.7	0.258	4.0





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**CERTIFICATE OF ANALYSIS WH12223862**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356426		72	1.6	15.3	75	28.9		
M356427		64	1.3	13.9	81	27.6		
M356428		67	0.9	14.9	70	27.2		
M356429		65	0.8	16.9	70	30.9		
M356430		67	0.8	17.9	97	32.3		
M356431		64	2.3	15.7	58	27.7		
M356432		72	0.8	14.4	79	25.3		
M356433		66	1.0	13.9	60	24.8		
M356434		73	2.9	14.5	242	32.9		
M356435		57	4.0	11.4	55	89.5		
M356436		53	4.5	9.0	>10000	31.5	119	1.610
M356437		55	1.6	11.1	91	77.6		
M356438		58	1.8	11.5	75	93.0		
M356439		58	3.5	11.6	3050	41.8		
M356440		2	0.1	0.8	20	<0.5		
M356441		67	5.9	12.5	56	22.3		
M356442		67	2.3	13.6	144	28.1		
M356443		70	4.8	13.3	64	29.8		
M356444		66	3.5	13.1	248	28.9		
M356445		66	3.3	13.0	147	28.7		
M356446		53	2.9	10.9	102	23.6		
M356447		67	4.0	12.7	63	23.4		
M356448		66	2.4	10.9	196	22.0		
M356449		72	1.7	14.8	46	26.7		
M356450		70	2.2	12.7	55	22.8		
M356451		53	4.5	8.8	>10000	29.7	120	1.620
M356452		66	1.0	11.7	64	22.0		
M356453		70	1.6	11.9	131	27.6		
M356454		209	5.4	18.6	181	96.8		
M356455		62	1.8	12.5	64	23.8		
M356456		65	4.8	12.9	694	24.0		
M356457		73	3.2	12.1	7570	29.5		
M356458		2	0.1	0.8	23	<0.5		
M356459		207	4.5	17.9	99	103.0		
M356460		72	1.3	13.7	56	29.8		
M356461		73	5.0	14.8	67	28.8		



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Project: Klaza-133

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Total # Appendix Pages: 1  
Finalized Date: 1-OCT-2012  
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**CERTIFICATE OF ANALYSIS WH12223862**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12223863**

Project: Klaza-133

P.O. No.: Batch 10

This report is for 14 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12223863**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356462		6.34	0.006	0.16	7.74	9.9	2230	1.77	0.54	1.99	0.23	48.4	7.2	9	16.45	7.3
M356463		3.53	0.007	0.27	7.19	13.3	1320	1.72	0.84	2.63	0.25	40.9	9.7	7	16.75	18.4
M356464		3.14	<0.005	0.12	6.89	11.2	1850	1.72	0.38	2.43	0.29	34.8	5.9	6	19.60	5.7
M356465		6.51	0.017	0.21	7.00	30.8	660	1.67	0.44	2.78	0.26	43.0	7.6	6	22.3	6.8
M356466		5.19	0.045	0.26	7.14	99.8	480	1.60	0.48	3.36	0.24	47.9	6.4	6	20.6	5.1
M356467		2.72	0.249	2.74	5.85	293	570	1.06	1.23	6.00	8.26	38.5	9.6	4	13.10	86.7
M356468		3.93	<0.005	0.04	0.10	<5	30	0.08	0.04	22.3	0.10	1.50	1.3	<1	0.81	20.7
M356469		8.36	0.015	0.42	7.22	139.5	1680	1.61	0.49	2.45	1.60	46.5	7.0	7	16.60	11.3
M356470		7.77	0.005	0.10	7.48	6.3	2110	1.71	0.27	2.11	0.22	44.8	6.7	9	14.50	4.6
M356471		<0.02	<0.005	0.13	7.44	8.7	2110	1.78	0.27	2.13	0.30	45.8	6.8	7	14.30	5.1
M356472		7.96	0.006	0.21	7.74	10.5	2460	1.75	0.69	2.20	0.34	46.0	8.0	8	18.55	5.5
M356473		3.05	0.009	0.26	7.59	8.8	290	1.72	1.02	2.33	0.46	40.9	9.2	6	16.00	11.9
M356474		3.67	<0.005	0.05	0.06	<5	30	<0.05	0.09	20.9	0.08	1.37	1.1	<1	0.20	3.0
M356475		5.19	0.005	0.13	7.65	7.2	2730	1.68	0.77	2.04	0.25	54.7	8.8	9	8.95	7.9



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12223863**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
M356462		3.22	17.30	0.08	1.2	0.047	2.85	23.9	71.9	0.77	485	0.34	1.27	8.2	2.5	620
M356463		3.23	16.00	0.08	1.0	0.046	2.58	20.9	160.0	0.84	623	0.48	0.58	6.2	2.6	540
M356464		2.81	16.50	0.08	1.1	0.042	2.89	16.9	217	0.67	522	0.24	0.77	8.0	2.1	550
M356465		2.47	15.85	0.08	1.1	0.046	2.67	21.6	214	0.85	942	0.59	0.06	7.6	2.2	590
M356466		2.55	15.80	0.09	1.1	0.059	2.69	24.8	37.0	1.10	1260	0.71	0.05	7.6	2.2	610
M356467		2.60	11.65	0.07	0.9	0.381	2.19	21.2	40.7	0.72	934	1.01	0.04	5.5	1.9	400
M356468		0.53	0.43	0.12	<0.1	0.007	0.04	0.7	1.9	13.85	231	0.11	0.01	0.4	2.5	200
M356469		2.80	15.15	0.09	1.1	0.082	2.66	23.3	32.0	0.74	651	0.56	1.45	7.6	2.1	530
M356470		2.67	15.65	0.12	1.3	0.038	2.76	22.7	25.6	0.71	488	0.78	2.08	8.2	2.2	530
M356471		2.68	16.30	0.09	1.1	0.040	2.74	22.7	25.9	0.75	496	0.83	2.17	8.5	2.3	550
M356472		2.98	17.50	0.09	1.0	0.056	2.86	22.8	195.0	0.59	523	0.41	1.22	7.7	2.3	630
M356473		3.48	18.85	0.08	1.0	0.036	2.92	19.0	151.5	0.66	437	0.81	1.34	4.9	2.5	610
M356474		0.49	0.29	0.09	<0.1	<0.005	0.02	0.7	2.0	13.00	226	0.13	0.01	0.2	1.7	160
M356475		2.88	16.65	0.10	1.2	0.046	2.70	28.4	23.4	0.85	596	0.83	2.33	7.6	2.4	570



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12223863**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356462		20.1	104.0	<0.002	0.87	6.10	12.9	1	1.9	312	0.70	0.19	13.9	0.269	1.40	4.0
M356463		16.3	104.0	<0.002	1.75	15.00	10.9	1	1.6	212	0.55	0.26	11.9	0.210	1.63	4.0
M356464		19.3	91.7	<0.002	0.34	12.60	10.4	1	1.8	246	0.69	0.09	11.6	0.239	1.53	3.9
M356465		14.5	98.2	<0.002	0.53	14.90	11.5	1	1.9	194.0	0.68	0.10	12.5	0.254	2.18	4.6
M356466		13.4	116.0	<0.002	0.48	22.7	11.2	1	2.0	172.0	0.69	0.11	12.4	0.235	2.23	5.5
M356467		232	115.0	<0.002	1.10	50.7	8.2	1	2.1	177.5	0.49	0.12	11.2	0.170	1.52	8.0
M356468		1.8	3.4	<0.002	0.01	0.11	0.3	1	0.2	56.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
M356469		92.5	105.5	<0.002	0.26	6.14	10.2	1	1.9	279	0.70	0.07	13.7	0.237	1.38	4.2
M356470		18.5	111.5	<0.002	0.19	2.46	10.4	1	1.7	347	0.85	0.09	13.1	0.237	1.13	4.7
M356471		20.9	109.5	<0.002	0.19	2.36	10.8	1	1.7	358	0.89	0.06	13.3	0.241	1.14	4.6
M356472		20.0	107.0	<0.002	1.05	10.50	11.8	1	2.0	290	0.65	0.20	11.9	0.255	1.40	3.5
M356473		28.9	96.7	<0.002	2.56	7.42	10.9	2	1.1	476	0.45	0.29	11.1	0.181	1.28	3.4
M356474		2.0	1.2	<0.002	<0.01	0.05	0.2	1	<0.2	52.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M356475		24.5	101.0	<0.002	1.04	1.85	11.8	1	1.7	427	0.66	0.30	15.3	0.241	1.17	4.5



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Project: Klaza-133

**CERTIFICATE OF ANALYSIS WH12223863**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M356462		77	1.7	14.9	62	31.3
M356463		64	1.9	13.5	61	27.5
M356464		65	1.7	12.5	60	32.1
M356465		74	4.4	13.2	57	29.8
M356466		72	3.9	14.9	49	32.1
M356467		51	3.0	13.3	677	24.5
M356468		3	0.1	1.0	20	0.5
M356469		65	2.0	14.7	198	29.8
M356470		65	1.1	16.5	50	32.1
M356471		65	2.3	17.0	54	30.2
M356472		71	2.5	14.1	69	28.9
M356473		67	1.5	16.1	72	27.9
M356474		2	0.1	0.8	17	<0.5
M356475		69	1.0	17.9	59	34.0



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Project: Klaza-133

Page: Appendix 1  
Total # Appendix Pages: 1  
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**CERTIFICATE OF ANALYSIS WH12223863**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)





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**CERTIFICATE WH12223864**

Project: Klaza-135

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12223864**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356814		4.24	0.006	0.32	8.35	114.0	2620	2.52	0.07	0.32	2.70	58.6	4.9	5	28.3	10.7
M356815		8.43	0.009	0.29	8.41	107.0	3480	2.32	0.15	0.32	2.24	57.3	4.7	5	29.7	12.0
M356816		7.06	0.445	2.07	8.21	583	3130	2.30	0.61	0.43	6.81	53.8	6.5	13	29.3	14.8
M356817		11.62	0.041	1.58	7.32	385	1410	1.84	0.34	1.09	5.12	43.7	5.8	7	18.90	9.4
M356818		0.26	4.56	>100	5.55	7970	240	1.23	67.4	1.90	223	31.7	10.3	17	12.40	1235
M356819		11.53	0.007	0.75	6.34	71.5	1350	1.47	0.06	0.07	2.35	36.4	1.5	4	2.70	2.1
M356820		9.33	0.011	0.76	5.66	94.3	2750	1.58	0.13	0.06	2.21	33.6	2.0	4	3.81	2.5
M356821		6.65	0.006	0.73	7.66	96.1	1150	1.97	0.57	1.34	1.65	46.6	9.8	7	25.1	4.9
M356822		6.81	1.405	>100	7.55	382	1270	1.54	249	0.22	3.96	47.6	8.0	8	16.15	205
M356823		3.91	<0.005	0.34	0.18	<5	50	0.11	0.64	20.9	0.07	1.43	1.5	<1	1.64	2.2
M356824		3.95	0.007	0.68	7.34	35.9	2150	1.49	1.63	2.76	0.37	45.7	9.2	7	21.7	63.7
M356825		7.14	<0.005	0.26	7.68	3.9	2400	1.61	0.71	2.84	0.15	43.7	9.5	9	14.10	23.3
M356826		4.53	<0.005	0.21	7.71	21.5	2140	1.37	0.97	1.98	1.00	46.4	8.2	7	21.8	34.4
M356827		3.36	0.083	2.94	7.45	87.3	1260	1.60	6.72	1.24	0.87	50.2	8.1	8	20.1	90.1
M356828		3.84	0.006	0.94	6.95	16.2	1960	1.74	4.07	2.31	0.14	36.9	8.7	7	17.50	75.6
M356829		11.51	<0.005	0.14	7.34	17.2	2000	1.59	0.34	2.75	0.11	46.1	9.8	9	15.90	7.1
M356830		<0.02	<0.005	0.14	7.00	17.5	2020	1.52	0.39	2.79	0.11	40.4	9.7	8	15.20	7.0
M356831		12.20	<0.005	0.11	7.28	8.4	2020	1.51	0.25	2.77	0.09	38.2	8.7	10	12.15	11.1
M356832		12.12	<0.005	0.14	6.95	16.7	1720	1.57	0.26	2.76	0.17	35.2	9.7	8	15.70	10.2
M356833		11.56	0.021	0.08	7.28	5.5	2180	1.42	0.26	2.70	0.11	41.5	9.1	10	8.69	7.2
M356834		4.97	0.005	0.18	6.51	19.5	1110	1.31	0.29	3.59	0.12	38.2	7.4	7	17.80	5.3
M356835		0.26	4.34	>100	5.03	8320	230	1.05	60.1	1.89	227	30.0	8.7	17	11.45	1255
M356836		13.46	<0.005	0.12	7.39	9.1	2080	1.50	0.23	3.21	0.12	46.2	8.9	11	14.60	10.8
M356837		5.15	0.119	3.01	6.79	347	1010	1.65	2.01	1.93	7.03	45.4	8.1	7	22.9	10.6
M356838		2.91	<0.005	0.04	0.11	6	30	0.05	0.04	20.4	0.11	1.20	1.0	<1	0.34	3.2
M356839		3.88	<0.005	0.16	7.18	18.7	1810	1.54	0.28	2.99	0.11	45.7	7.5	9	22.5	9.7
M356840		3.81	0.010	0.63	7.11	69.9	1180	1.46	0.28	3.67	1.19	50.7	8.4	9	17.60	9.3
M356841		10.19	<0.005	0.16	6.92	4.6	2290	1.31	0.34	2.88	0.15	39.9	7.6	10	10.55	11.9
M356842		5.75	<0.005	0.13	7.37	4.2	2280	1.46	0.46	3.08	0.10	46.7	9.1	11	10.65	16.5
M356843		4.44	<0.005	0.32	6.99	35.2	2870	1.43	0.35	3.36	0.14	44.4	10.0	9	20.4	12.2
M356844		1.79	<0.005	0.22	6.42	23.8	2530	1.31	0.37	2.88	0.14	37.8	8.6	8	19.55	12.3
M356845		10.41	<0.005	0.16	7.34	8.2	2470	1.49	0.41	3.19	0.13	46.8	8.8	9	18.55	11.5
M356846		4.44	<0.005	0.34	6.61	16.8	1170	1.11	0.44	3.54	0.31	34.2	9.8	11	17.40	12.0
M356847		14.00	<0.005	0.13	6.50	5.2	3160	1.35	0.21	2.84	0.08	36.2	8.3	9	11.20	5.0
M356848		4.99	0.006	1.13	6.66	27.8	1780	1.38	0.32	2.44	2.96	45.1	7.8	7	16.15	4.4
M356849		3.84	0.021	1.64	6.43	58.2	760	1.35	0.61	2.39	4.04	45.1	7.5	6	16.70	4.7



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356814		2.92	20.5	0.09	2.1	0.045	2.77	28.8	88.0	0.23	973	4.62	0.05	9.7	2.2	920
M356815		2.58	20.9	0.09	2.0	0.045	2.90	29.2	57.1	0.21	759	4.51	0.06	10.0	2.2	910
M356816		2.85	19.45	0.09	2.2	0.083	2.40	27.0	137.0	0.21	917	5.19	0.04	8.3	4.6	800
M356817		2.52	16.60	0.06	1.4	0.101	1.71	22.7	108.5	0.25	993	27.7	0.04	9.7	2.1	530
M356818		8.07	13.45	0.08	1.0	5.14	2.21	15.4	34.0	0.64	3050	15.70	0.08	5.6	13.9	430
M356819		1.21	14.45	<0.05	2.0	0.021	0.15	19.3	151.5	0.03	583	2.74	0.01	11.4	1.5	320
M356820		1.21	12.00	<0.05	1.8	0.015	0.30	18.3	129.5	0.04	1020	3.05	0.01	10.3	1.1	290
M356821		2.88	17.15	0.07	0.9	0.050	2.96	24.3	26.5	0.43	2150	2.15	0.04	7.5	3.0	600
M356822		6.48	18.25	0.09	0.9	0.539	3.08	27.0	9.5	0.27	2600	1.63	0.03	7.0	2.0	460
M356823		0.52	0.60	<0.05	<0.1	0.005	0.10	0.7	2.7	13.25	221	<0.05	0.01	0.6	4.9	180
M356824		3.48	16.10	0.08	1.0	0.076	2.77	22.6	28.5	0.63	1290	0.73	0.86	7.8	2.7	630
M356825		3.16	17.20	0.09	1.0	0.041	2.61	21.1	12.0	0.84	667	0.63	2.15	8.0	2.9	630
M356826		2.83	16.70	0.09	0.9	0.047	2.75	23.0	44.1	0.57	996	0.42	0.68	7.7	2.4	630
M356827		4.22	17.05	0.08	0.8	0.154	2.89	27.2	35.4	0.55	887	0.85	0.18	7.0	2.5	500
M356828		3.32	16.50	0.07	0.9	0.094	2.62	17.3	36.4	0.70	785	0.98	0.86	7.5	2.6	580
M356829		3.16	16.75	0.09	1.0	0.041	2.55	22.8	30.8	0.97	752	1.34	1.47	7.9	2.9	630
M356830		3.13	16.95	0.09	1.0	0.040	2.59	19.2	31.0	0.93	759	1.70	1.54	8.1	2.8	640
M356831		2.99	16.90	0.09	1.0	0.036	2.53	18.3	13.4	0.86	674	2.40	1.94	7.7	2.8	610
M356832		2.92	17.25	0.08	0.9	0.035	2.57	16.9	27.2	0.82	658	0.98	1.46	7.8	2.7	580
M356833		3.00	17.20	0.09	0.9	0.036	2.50	19.5	12.2	0.88	656	0.92	2.19	7.8	2.8	600
M356834		2.45	15.35	0.09	0.9	0.038	2.44	19.1	50.8	0.93	1030	1.85	0.70	6.9	2.4	520
M356835		7.97	12.95	<0.05	1.1	4.88	2.19	14.2	29.4	0.61	3080	15.00	0.08	5.9	14.5	440
M356836		3.54	17.40	0.21	1.1	0.049	2.65	22.8	26.5	1.02	894	1.68	1.97	8.5	3.2	700
M356837		3.72	15.00	0.18	0.9	0.215	2.87	25.1	23.9	0.69	3340	1.53	0.05	7.0	2.9	530
M356838		0.48	0.36	<0.05	<0.1	0.005	0.05	0.6	1.6	12.55	228	0.11	0.01	0.2	2.4	160
M356839		2.97	16.20	0.21	1.0	0.039	2.57	23.6	66.9	0.85	666	0.75	0.77	8.2	2.8	610
M356840		3.40	15.60	0.21	0.9	0.056	3.01	28.7	35.8	1.18	2600	1.32	0.25	7.4	2.9	570
M356841		2.89	15.85	<0.05	1.1	0.039	2.49	18.0	9.8	0.82	692	1.61	2.11	8.2	2.6	600
M356842		3.39	16.90	0.21	1.0	0.046	2.66	23.5	11.1	0.96	759	2.26	2.18	8.5	2.9	650
M356843		3.31	16.20	0.21	1.0	0.044	2.74	22.8	50.3	0.94	1040	2.66	1.05	7.8	4.2	600
M356844		3.08	15.65	<0.05	1.1	0.040	2.54	17.5	60.9	0.82	957	1.83	1.01	8.1	3.1	600
M356845		3.23	16.75	0.22	0.9	0.040	2.65	24.0	53.8	0.95	860	1.34	1.46	8.0	3.0	660
M356846		3.70	16.10	0.07	1.2	0.047	2.43	15.9	45.2	1.21	901	1.07	1.12	7.2	4.1	880
M356847		2.82	16.25	0.06	1.0	0.037	2.74	17.0	17.2	0.82	708	0.71	1.72	8.2	2.7	600
M356848		3.60	16.05	0.07	1.0	0.154	3.26	22.6	12.8	0.91	3300	1.44	0.04	7.7	2.8	550
M356849		3.29	16.00	0.08	0.9	0.148	2.92	24.0	15.3	0.86	4320	0.98	0.04	6.8	2.7	500



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**CERTIFICATE OF ANALYSIS WH12223864**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356814		170.5	126.5	<0.002	0.04	8.47	6.6	1	1.6	73.2	0.77	<0.05	10.7	0.291	1.57	5.2
M356815		230	132.0	<0.002	0.06	8.48	6.5	1	1.5	92.2	0.78	<0.05	10.6	0.294	1.67	5.2
M356816		380	123.0	<0.002	0.07	15.00	11.1	1	2.1	131.0	0.66	<0.05	11.3	0.297	1.68	5.1
M356817		416	87.0	<0.002	0.05	18.40	9.7	1	1.9	157.5	0.89	<0.05	11.7	0.221	1.26	3.9
M356818		9480	129.0	<0.002	6.99	217	7.9	2	9.2	125.0	0.46	0.54	8.0	0.180	2.13	4.7
M356819		29.7	8.0	<0.002	0.04	21.7	2.8	1	2.4	170.0	1.32	<0.05	8.5	0.112	0.34	4.2
M356820		32.6	16.2	<0.002	0.06	26.6	2.8	1	1.5	191.0	1.11	<0.05	7.9	0.104	0.37	4.4
M356821		71.4	166.0	<0.002	0.21	16.45	12.4	1	1.7	103.5	0.59	<0.05	12.7	0.259	2.64	3.7
M356822		2400	195.0	<0.002	1.53	46.8	11.8	2	2.6	60.7	0.58	0.93	12.2	0.248	2.87	6.0
M356823		8.5	7.8	<0.002	<0.01	0.18	0.5	1	0.2	46.9	<0.05	<0.05	<0.2	0.005	0.05	0.5
M356824		31.8	115.0	<0.002	0.10	7.71	12.0	1	1.8	229	0.67	<0.05	12.2	0.276	1.85	2.6
M356825		25.3	96.3	<0.002	0.03	1.61	12.5	1	1.8	395	0.69	<0.05	12.3	0.276	1.21	1.6
M356826		20.2	107.0	<0.002	0.07	3.61	12.0	1	1.7	181.0	0.66	<0.05	11.3	0.276	1.43	1.9
M356827		152.0	156.5	<0.002	0.25	25.6	11.9	1	2.3	127.0	0.57	0.06	11.7	0.246	2.08	3.4
M356828		24.1	90.2	<0.002	0.13	4.57	11.3	1	1.6	220	0.64	<0.05	10.0	0.262	1.39	2.6
M356829		17.8	101.0	<0.002	0.11	2.67	13.1	1	1.6	302	0.65	<0.05	11.2	0.282	1.36	3.2
M356830		17.4	85.6	<0.002	0.11	2.71	12.2	1	1.7	309	0.66	<0.05	9.4	0.284	1.34	2.9
M356831		16.1	87.4	<0.002	0.19	2.95	11.6	1	1.5	349	0.63	<0.05	10.4	0.269	1.14	3.0
M356832		17.4	86.4	<0.002	0.27	3.58	11.1	1	1.6	283	0.64	<0.05	9.5	0.271	1.30	2.9
M356833		17.1	83.1	<0.002	0.10	1.35	11.6	1	1.6	385	0.63	<0.05	10.2	0.267	1.07	3.2
M356834		13.2	88.7	<0.002	0.30	10.55	9.9	1	1.6	178.5	0.60	0.05	10.8	0.235	1.68	4.4
M356835		9820	136.0	<0.002	6.97	223	7.3	2	9.0	120.5	0.43	0.53	7.9	0.181	2.14	5.4
M356836		17.9	95.0	<0.002	0.10	3.69	13.4	2	1.8	376	0.71	<0.05	11.5	0.316	1.26	3.9
M356837		512	149.5	<0.002	2.14	19.35	10.7	1	2.1	84.5	0.60	0.07	12.8	0.243	2.19	6.0
M356838		3.7	2.7	<0.002	0.01	0.11	0.3	1	<0.2	41.4	<0.05	<0.05	<0.2	0.006	0.02	0.5
M356839		15.2	96.9	<0.002	0.15	10.05	11.8	2	1.6	228	0.65	0.05	12.5	0.278	1.40	4.3
M356840		46.0	156.0	<0.002	1.01	16.15	11.8	2	1.4	128.0	0.62	0.06	12.8	0.262	2.08	4.5
M356841		19.3	96.8	<0.002	0.20	1.71	10.9	1	1.6	398	0.63	<0.05	11.0	0.265	1.14	3.8
M356842		18.5	97.0	<0.002	0.20	1.95	12.6	2	1.7	395	0.68	<0.05	11.8	0.294	1.11	4.0
M356843		27.4	105.0	<0.002	0.60	12.25	11.9	2	1.6	284	0.65	<0.05	11.7	0.273	3.28	4.1
M356844		20.6	94.5	<0.002	0.64	10.15	11.0	1	1.7	272	0.62	<0.05	10.3	0.260	1.63	4.0
M356845		18.5	114.0	0.002	0.61	4.20	12.9	2	1.7	334	0.65	0.05	12.0	0.287	1.49	3.8
M356846		23.7	97.1	0.003	0.85	4.83	13.5	1	1.5	275	0.49	<0.05	6.9	0.372	1.67	3.5
M356847		16.4	109.5	0.002	0.33	2.77	11.6	1	1.6	410	0.62	<0.05	9.1	0.263	1.48	3.7
M356848		392	169.5	0.009	1.63	7.48	11.9	1	2.3	105.5	0.58	<0.05	11.6	0.241	2.67	6.4
M356849		306	191.5	0.002	1.76	11.25	11.6	1	1.8	65.4	0.51	0.05	12.1	0.217	2.29	5.6



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**CERTIFICATE OF ANALYSIS WH12223864**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356814		48	3.2	13.3	271	63.8		
M356815		47	3.3	12.7	270	63.9		
M356816		76	5.4	14.3	515	77.6		
M356817		57	11.4	14.3	430	35.9		
M356818		54	4.5	8.8	>10000	33.0	117	1.595
M356819		14	1.5	12.1	179	48.6		
M356820		15	1.7	11.9	210	45.7		
M356821		74	4.0	14.7	244	23.8		
M356822		72	10.3	9.9	610	22.2	127	
M356823		3	0.1	1.0	15	0.5		
M356824		80	2.9	14.9	124	24.1		
M356825		79	1.0	15.3	64	25.0		
M356826		78	2.0	15.0	175	23.9		
M356827		71	5.1	12.1	344	20.8		
M356828		76	2.0	12.7	85	23.9		
M356829		84	2.4	15.9	56	24.6		
M356830		85	2.2	14.9	56	25.9		
M356831		77	1.5	13.3	52	25.8		
M356832		78	2.5	13.2	55	24.4		
M356833		76	1.6	14.9	49	24.6		
M356834		67	2.0	12.3	47	23.0		
M356835		52	4.2	8.6	>10000	30.1	116	1.605
M356836		94	1.6	18.3	59	29.9		
M356837		69	3.0	13.1	604	24.4		
M356838		4	0.1	0.8	15	<0.5		
M356839		75	3.8	15.7	46	26.2		
M356840		74	2.7	17.5	142	25.0		
M356841		77	1.4	13.8	55	22.5		
M356842		82	1.5	17.4	52	26.3		
M356843		77	0.9	14.2	47	26.1		
M356844		76	0.9	12.1	50	23.2		
M356845		83	1.5	15.6	51	25.2		
M356846		122	1.2	11.5	72	35.1		
M356847		76	1.0	11.8	48	22.8		
M356848		71	1.8	11.3	244	21.1		
M356849		76	2.0	12.5	335	20.3		



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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To: **ROCKHAVEN RESOURCES LTD.**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

Page: 1  
Finalized Date: 1-OCT-2012  
Account: ROCKHA

**CERTIFICATE WH12223917**

Project: Klaza-135

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12223917**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356850		5.76	0.047	1.55	6.83	87.9	700	1.51	0.31	2.11	10.70	50.5	8.4	12	17.15	4.1
M356851		12.18	0.008	0.31	6.70	23.4	1680	1.51	0.35	2.86	1.95	39.7	7.9	15	13.45	3.9
M356852		11.24	<0.005	0.06	7.26	10.1	2240	1.51	0.35	2.94	0.14	42.2	9.6	13	7.91	6.1
M356853		6.50	<0.005	0.06	7.22	3.4	2250	1.43	0.27	2.80	0.12	43.3	9.1	15	6.97	3.7
M356854		4.32	0.006	0.21	6.60	134.0	1320	1.60	0.29	3.23	0.91	44.0	8.3	11	18.35	6.3
M356855		0.25	4.63	>100	5.31	7960	1070	1.24	56.8	1.93	220	32.5	9.9	18	11.70	1290
M356856		8.62	0.006	0.14	7.11	10.3	2200	1.51	0.49	2.82	0.23	41.4	8.1	13	10.10	4.6
M356857		4.33	0.055	1.14	6.73	151.0	1720	1.61	0.40	2.67	0.51	40.4	8.7	9	19.20	29.0
M356858		3.61	0.146	9.90	6.13	243	810	1.38	0.34	2.69	13.25	41.5	7.9	9	16.20	28.5
M356859		2.45	<0.005	0.03	0.11	<5	30	0.12	0.03	20.1	0.08	1.31	1.5	<1	0.50	1.8
M356860		11.55	0.010	0.22	7.27	38.0	2230	1.69	0.32	2.91	0.43	44.4	8.7	14	9.40	10.5
M356861		9.22	<0.005	0.18	7.19	9.3	2190	1.53	0.35	2.77	0.13	43.9	8.8	15	7.73	12.6
M356862		3.52	<0.005	0.24	6.92	41.3	2020	1.60	0.41	3.01	0.20	38.5	8.6	12	10.70	11.4
M356863		2.36	<0.005	0.19	6.88	24.6	2070	1.55	0.38	2.90	0.17	39.5	8.8	14	9.19	12.0
M356864		12.75	<0.005	0.10	7.48	3.1	2310	1.47	0.43	2.80	0.11	47.4	9.1	18	6.76	9.3
M356865		12.39	<0.005	0.06	7.01	5.2	2090	1.62	0.35	3.01	0.11	43.7	8.9	14	11.30	4.3
M356866		0.25	4.50	>100	5.19	7850	500	1.26	55.9	1.90	215	30.7	9.9	17	11.40	1270
M356867		11.75	<0.005	0.21	6.97	10.8	2230	1.53	0.26	2.91	0.30	42.9	9.3	14	10.20	7.1
M356868		4.19	0.063	11.45	6.53	160.5	1530	1.49	0.32	3.14	13.20	44.7	9.2	9	17.40	24.6
M356869		2.04	<0.005	0.03	0.08	<5	30	0.07	0.03	19.80	0.07	1.26	1.5	<1	0.30	2.0
M356870		5.33	<0.005	0.20	6.62	20.7	1800	1.53	0.35	2.79	0.18	38.5	8.2	9	27.5	6.9
M356871		5.64	<0.005	0.07	7.12	7.7	2080	1.57	0.16	2.72	0.10	38.9	8.9	11	15.80	7.8
M356872		4.52	<0.005	0.07	7.33	9.1	1760	1.69	0.18	1.91	0.09	42.1	7.0	9	25.0	8.9
M356873		9.10	0.008	0.34	7.26	13.6	1820	1.44	0.62	2.42	0.16	37.4	8.2	10	18.65	7.8
M356874		3.80	0.048	1.11	7.08	28.4	1650	1.71	0.26	2.49	0.86	42.6	9.9	13	25.2	19.3
M356875		6.47	0.025	0.85	6.75	18.3	1710	1.36	0.26	2.90	2.95	46.5	8.0	16	14.25	34.6
M356876		3.76	0.059	1.28	6.05	122.0	960	1.18	0.17	2.14	2.85	37.3	7.4	9	15.45	12.2
M356877		3.51	<0.005	0.14	6.91	11.5	1600	1.20	0.20	1.62	0.20	39.4	8.5	9	16.95	5.5
M356878		9.41	<0.005	0.09	6.73	6.8	1700	1.20	0.17	1.55	0.16	39.4	7.4	9	14.30	5.7
M356879		<0.02	<0.005	0.12	6.81	7.2	1720	1.33	0.20	1.61	0.17	34.6	7.5	12	14.60	6.0
M356880		3.89	0.008	0.30	6.69	27.0	1800	1.30	0.27	1.58	0.26	40.8	8.1	9	18.85	5.6
M356881		11.38	<0.005	0.09	6.80	10.0	1930	1.35	0.18	2.43	0.14	45.2	7.8	14	9.53	4.3
M356882		5.04	<0.005	0.15	6.88	22.8	2020	1.24	0.16	2.58	0.24	42.5	7.5	13	12.45	4.2
M356883		8.42	0.011	0.79	6.69	42.4	1960	1.19	0.23	2.49	0.28	49.0	8.2	15	8.24	6.5
M356884		13.45	<0.005	0.21	6.73	30.3	1790	1.27	0.16	2.42	0.65	42.4	8.3	12	14.25	4.4
M356885		8.47	<0.005	0.13	7.12	8.8	2080	1.30	0.22	2.59	0.17	49.7	8.6	15	7.08	4.5





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Plus Appendix Pages  
Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12223917**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356850		3.49	16.00	0.11	1.0	0.240	3.21	28.6	12.9	0.74	4750	1.01	0.03	7.6	3.2	580
M356851		2.84	16.50	0.12	1.0	0.062	3.08	19.0	23.7	0.70	1740	1.42	1.19	8.2	2.7	600
M356852		3.14	17.55	0.12	1.1	0.044	2.64	20.5	11.7	0.93	815	1.14	2.25	8.5	3.0	690
M356853		3.04	17.40	0.12	1.0	0.036	2.66	21.1	12.7	0.90	730	1.13	2.23	8.7	3.3	630
M356854		2.63	15.40	0.12	1.0	0.084	3.25	23.5	19.6	0.91	1240	0.60	0.36	7.9	2.8	600
M356855		7.68	13.40	0.20	1.1	4.81	2.32	17.2	32.1	0.62	3050	14.55	0.08	5.9	14.0	460
M356856		2.97	17.15	0.11	1.1	0.041	2.68	19.9	24.4	0.80	747	1.01	1.98	8.2	3.0	620
M356857		2.83	16.55	0.11	0.9	0.140	3.17	20.5	48.0	0.79	1220	1.33	0.43	8.2	2.8	610
M356858		4.99	14.10	0.14	0.8	0.475	2.82	23.0	43.2	0.96	6650	1.31	0.17	6.8	2.5	510
M356859		0.47	0.35	0.07	<0.1	<0.005	0.05	0.6	1.5	12.60	228	0.11	0.01	0.4	3.0	190
M356860		3.10	17.45	0.12	1.1	0.043	2.78	21.0	13.0	0.87	1050	1.36	1.98	8.7	2.9	650
M356861		2.92	16.95	0.11	1.0	0.034	2.57	21.6	12.5	0.85	731	2.03	2.12	8.4	3.0	610
M356862		2.98	16.80	0.14	1.0	0.035	2.69	18.4	14.7	0.86	910	6.01	1.95	8.4	3.0	670
M356863		2.95	16.95	0.12	1.1	0.036	2.59	18.7	12.7	0.86	789	3.40	2.03	8.4	3.0	620
M356864		3.05	17.45	0.15	1.1	0.038	2.61	24.8	16.3	0.94	701	1.80	2.29	8.6	3.0	660
M356865		2.98	16.85	0.14	1.0	0.039	2.51	21.2	15.2	0.81	749	0.67	2.05	8.5	3.1	630
M356866		7.51	13.35	0.19	1.1	4.76	2.29	16.3	32.6	0.60	3030	14.55	0.08	5.9	13.6	440
M356867		3.03	16.85	0.12	1.1	0.048	2.56	20.4	18.9	0.86	834	0.75	1.82	8.6	3.3	640
M356868		2.51	15.70	0.14	0.9	0.186	2.72	23.5	50.4	0.78	3370	1.25	0.47	7.5	2.7	560
M356869		0.46	0.29	0.06	<0.1	<0.005	0.03	0.6	1.2	12.40	215	0.11	0.01	0.3	2.8	180
M356870		2.39	16.75	0.10	1.0	0.036	2.27	18.6	167.0	0.70	1160	0.87	0.10	8.1	2.7	590
M356871		3.12	17.05	0.13	1.1	0.040	2.65	18.8	21.1	0.77	660	1.08	1.28	8.9	2.9	670
M356872		2.53	16.55	0.13	1.0	0.034	2.42	20.9	56.9	0.62	806	1.11	0.15	7.9	2.2	610
M356873		2.77	18.15	0.14	1.1	0.060	2.65	17.7	41.3	0.71	888	0.72	0.25	8.6	2.6	670
M356874		3.01	16.90	0.15	1.1	0.541	2.66	20.5	38.6	0.82	1320	1.22	0.49	8.6	3.3	660
M356875		2.92	16.25	0.11	1.1	0.965	2.41	21.8	20.9	0.83	922	1.36	1.37	7.5	3.9	590
M356876		3.03	14.15	0.10	0.9	0.174	2.54	18.1	26.2	0.73	3160	2.23	0.06	6.4	2.3	490
M356877		3.00	15.55	0.10	1.0	0.054	2.39	18.7	30.5	0.81	679	0.80	0.31	7.3	2.5	570
M356878		2.47	16.95	0.12	1.3	0.035	2.13	18.5	43.5	0.47	830	0.74	0.13	8.8	2.1	620
M356879		2.54	17.90	0.10	1.2	0.037	2.11	15.3	46.1	0.47	864	0.76	0.12	9.1	2.4	610
M356880		2.75	17.65	0.12	1.1	0.045	2.39	18.2	33.8	0.58	760	0.71	0.24	8.1	2.4	560
M356881		2.83	15.80	0.11	1.1	0.037	2.37	20.3	11.3	0.84	677	0.78	1.95	7.4	2.3	560
M356882		2.93	15.55	0.15	1.0	0.027	2.44	19.6	11.0	0.78	782	0.64	2.01	7.1	2.5	560
M356883		2.87	16.70	0.11	1.0	0.045	2.43	22.9	13.6	0.83	917	0.81	1.88	7.4	2.5	560
M356884		2.73	16.75	0.15	1.0	0.032	2.50	19.7	11.8	0.70	1320	0.81	1.79	7.5	2.6	570
M356885		3.03	17.25	0.13	1.1	0.039	2.42	23.4	11.8	0.90	716	1.23	2.16	8.0	2.8	580



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Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12223917**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M356850		360	174.5	<0.002	1.57	11.30	10.8	1	2.1	66.2	0.56	0.05	11.6	0.246	4.8
M356851		91.4	112.5	<0.002	0.40	4.60	10.6	1	1.8	261	0.63	<0.05	10.3	0.259	3.7
M356852		19.5	85.0	<0.002	0.21	1.52	11.9	1	1.8	413	0.62	<0.05	10.8	0.295	3.4
M356853		23.2	84.4	<0.002	0.07	1.10	11.6	1	1.8	416	0.63	<0.05	10.5	0.279	3.1
M356854		51.0	138.0	<0.002	0.69	8.37	10.5	1	1.7	151.0	0.56	0.16	11.6	0.251	4.0
M356855		9660	127.5	<0.002	7.00	219	7.5	2	8.9	122.5	0.44	0.48	7.8	0.185	4.8
M356856		28.7	82.1	<0.002	0.16	2.14	11.2	1	1.8	390	0.65	0.05	9.9	0.275	3.0
M356857		32.9	110.0	<0.002	0.74	12.30	10.7	1	1.8	190.5	0.56	0.85	9.1	0.269	2.7
M356858		400	131.5	<0.002	1.97	30.3	9.8	1	1.9	131.0	0.49	1.62	9.5	0.232	4.4
M356859		1.3	3.0	<0.002	0.01	0.10	0.4	1	<0.2	45.2	<0.05	<0.05	<0.2	0.005	0.6
M356860		30.2	92.2	<0.002	0.19	3.34	11.3	1	1.8	393	0.65	<0.05	10.3	0.286	3.5
M356861		20.9	84.4	<0.002	0.07	1.79	11.3	1	1.8	407	0.65	<0.05	10.7	0.276	3.8
M356862		34.9	85.7	<0.002	0.04	3.64	10.9	1	1.7	376	0.67	<0.05	9.4	0.278	3.5
M356863		26.6	82.0	<0.002	0.03	2.54	10.7	1	1.8	393	0.64	<0.05	9.4	0.275	3.3
M356864		17.8	87.8	<0.002	0.01	0.91	12.1	1	1.8	435	0.64	<0.05	11.5	0.284	3.4
M356865		19.7	81.5	<0.002	0.02	4.18	11.3	1	1.8	403	0.61	<0.05	10.0	0.281	3.4
M356866		9500	123.5	<0.002	6.82	220	7.4	2	8.7	117.5	0.44	0.53	7.4	0.183	4.7
M356867		27.3	79.8	<0.002	0.06	6.25	11.3	1	1.8	428	0.64	<0.05	9.7	0.282	2.9
M356868		480	105.0	<0.002	1.02	33.4	10.3	1	1.9	252	0.58	0.30	9.8	0.249	3.7
M356869		1.2	1.9	<0.002	<0.01	0.10	0.4	1	<0.2	44.4	<0.05	<0.05	<0.2	<0.005	0.4
M356870		23.5	67.7	<0.002	0.16	13.70	10.2	1	1.8	213	0.59	<0.05	9.5	0.270	3.8
M356871		17.2	84.2	<0.002	0.04	4.97	11.2	1	1.8	357	0.67	<0.05	10.0	0.291	2.5
M356872		15.6	84.0	<0.002	0.08	13.70	10.8	1	2.1	158.0	0.58	<0.05	11.2	0.276	2.6
M356873		17.7	79.6	<0.002	0.20	8.64	11.1	1	1.9	180.0	0.65	0.38	9.7	0.288	2.3
M356874		20.3	92.7	<0.002	0.60	8.40	12.6	1	1.9	248	0.66	1.02	10.9	0.292	3.8
M356875		23.7	103.0	<0.002	0.40	8.08	11.5	1	1.6	334	0.66	0.45	11.9	0.262	4.1
M356876		84.5	111.5	<0.002	1.87	14.20	9.6	<1	1.5	112.5	0.55	0.57	10.7	0.228	4.5
M356877		19.5	84.3	<0.002	0.10	10.40	10.6	<1	1.4	215	0.64	0.06	11.1	0.260	3.3
M356878		17.3	85.2	<0.002	0.08	13.90	11.8	<1	1.7	130.0	0.76	0.10	12.0	0.278	2.6
M356879		16.5	82.0	<0.002	0.08	14.35	11.9	1	1.9	134.5	0.79	0.07	10.6	0.281	2.4
M356880		25.1	97.3	<0.002	0.24	12.60	11.2	<1	1.6	144.5	0.68	0.21	11.7	0.256	4.1
M356881		21.5	91.4	<0.002	0.03	2.09	11.0	1	1.4	370	0.67	0.05	12.2	0.258	4.2
M356882		25.3	94.9	<0.002	0.08	2.55	10.2	1	1.4	377	0.61	<0.05	11.0	0.262	3.8
M356883		31.7	94.0	<0.002	0.18	4.54	11.1	1	1.5	355	0.63	0.15	13.3	0.248	4.2
M356884		31.4	105.0	<0.002	0.17	4.88	10.6	<1	1.6	334	0.65	0.09	11.5	0.254	4.2
M356885		22.9	96.0	<0.002	0.02	1.04	11.6	1	1.6	388	0.70	<0.05	13.0	0.263	4.2



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Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12223917**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356850		73	2.1	13.1	870	22.5		
M356851		75	1.3	13.5	194	22.1		
M356852		87	1.2	16.0	60	24.4		
M356853		79	1.2	16.3	59	23.0		
M356854		71	2.1	13.8	127	21.6		
M356855		53	4.5	9.5	>10000	30.5	117	1.565
M356856		79	0.8	15.0	69	23.7		
M356857		77	2.5	13.2	105	21.0		
M356858		66	1.7	13.9	1140	18.0		
M356859		3	0.1	0.9	14	<0.5		
M356860		82	1.2	15.6	89	23.0		
M356861		77	1.4	15.7	59	21.7		
M356862		80	1.4	14.3	67	20.8		
M356863		79	1.1	14.3	61	23.0		
M356864		80	0.8	17.1	53	22.5		
M356865		80	1.0	15.2	59	22.6		
M356866		52	4.4	9.4	>10000	31.3	118	1.595
M356867		79	2.3	15.7	67	23.1		
M356868		70	2.1	14.5	1080	20.7		
M356869		3	0.1	0.8	13	<0.5		
M356870		75	3.1	13.9	57	22.9		
M356871		80	2.5	14.6	55	24.5		
M356872		74	6.0	13.6	46	21.3		
M356873		82	3.4	14.2	63	23.6		
M356874		88	2.3	14.9	183	24.8		
M356875		77	1.7	15.9	519	25.3		
M356876		65	2.1	11.7	324	21.2		
M356877		73	2.3	13.3	64	22.8		
M356878		76	8.7	12.9	53	28.0		
M356879		75	8.6	12.4	56	29.1		
M356880		73	3.8	13.2	63	26.3		
M356881		74	1.1	15.4	56	23.3		
M356882		74	1.0	14.5	64	22.7		
M356883		70	1.5	15.7	68	23.6		
M356884		72	1.6	14.6	92	22.4		
M356885		75	0.8	17.3	53	25.8		



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**CERTIFICATE OF ANALYSIS WH12223917**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12223918**

Project: Klaza-135

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

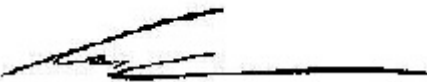
ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12223918**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356886		4.38	0.091	13.95	6.86	264	1970	1.32	0.15	2.71	5.45	42.1	8.0	14	9.25	16.4
M356887		5.76	<0.005	0.25	6.81	17.8	1900	1.35	0.18	2.87	0.26	35.8	7.9	10	12.35	5.9
M356888		0.26	3.28	>100	5.55	7830	890	0.95	62.3	1.92	217	33.5	9.4	18	11.35	1240
M356889		10.14	<0.005	0.32	6.95	38.3	1730	1.41	0.18	2.65	0.91	36.2	9.4	9	21.0	6.8
M356890		3.84	0.490	43.0	6.63	909	750	1.34	0.45	1.83	75.4	35.2	7.5	7	20.1	58.0
M356891		3.39	<0.005	0.09	0.07	<5	20	<0.05	0.02	20.3	0.11	1.14	1.1	<1	0.28	2.0
M356892		7.90	0.005	0.63	7.52	24.8	1960	1.37	0.17	2.69	1.04	43.4	7.9	9	11.40	12.2
M356893		11.57	<0.005	0.15	7.13	3.7	2100	1.23	0.13	2.70	0.15	39.3	8.1	11	5.65	5.2
M356894		7.23	<0.005	0.10	7.48	9.2	2130	1.36	0.16	2.76	0.23	46.6	8.8	12	6.60	4.3
M356895		4.56	0.023	0.91	7.20	31.6	1570	1.23	0.49	1.92	0.98	36.5	8.3	8	15.65	9.0
M356896		11.37	<0.005	0.19	7.18	10.1	1950	1.37	0.16	2.54	0.54	41.4	8.7	9	14.35	4.7
M356897		7.74	<0.005	0.67	7.28	10.8	1870	1.22	0.26	2.19	0.37	38.5	8.6	11	14.00	6.6
M356898		3.36	0.005	3.26	7.72	11.3	2220	1.31	0.27	2.27	0.52	41.4	9.6	8	14.95	17.4
M356899		8.67	0.006	0.46	7.28	18.8	1580	1.44	0.32	2.50	0.41	44.1	8.8	9	18.25	6.1
M356900		3.99	0.088	2.35	7.27	56.6	1280	1.47	1.07	2.57	2.94	49.2	8.5	8	17.30	9.6
M356901		9.48	0.013	1.53	7.23	114.5	1750	1.43	0.22	2.61	2.19	42.1	9.1	10	13.00	6.9
M356902		4.68	0.030	0.57	7.17	26.0	1980	1.47	0.21	2.69	0.46	41.8	8.6	10	10.50	8.2
M356903		3.43	<0.005	0.02	0.15	<5	30	0.06	0.02	19.70	0.07	1.43	1.5	<1	0.31	2.4
M356904		4.62	0.025	0.68	7.26	12.2	1870	1.35	0.20	2.78	0.49	44.0	7.9	9	11.40	5.8
M356905		8.53	0.008	0.22	6.93	6.0	1930	1.22	0.17	2.58	0.12	41.6	7.8	11	8.42	4.3
M356906		5.59	<0.005	0.09	7.63	2.2	2120	1.35	0.19	2.82	0.12	48.3	9.0	11	6.66	3.6
M356907		8.07	0.005	0.15	7.21	5.9	2150	1.32	0.22	2.80	0.38	40.4	8.5	12	5.51	3.8
M356908		4.08	0.007	0.56	7.08	10.0	1990	1.37	0.45	2.96	0.37	42.3	8.9	10	12.05	5.0
M356909		0.26	4.44	>100	5.51	7750	290	0.97	58.3	1.91	214	33.5	9.6	17	11.95	1240
M356910		8.15	<0.005	0.17	7.53	6.7	2090	1.34	0.22	2.79	0.22	42.2	8.6	11	6.50	6.3
M356911		13.15	0.009	0.61	7.07	10.2	2010	1.40	0.29	2.83	0.26	37.7	9.1	11	14.65	43.6
M356912		4.06	0.007	0.27	7.26	12.4	1940	1.42	0.60	2.66	0.30	39.1	9.1	12	13.25	13.2
M356913		12.77	<0.005	0.10	6.94	3.5	2140	1.40	0.25	2.70	0.14	40.5	9.1	10	6.00	8.7
M356914		7.71	0.012	0.53	7.21	12.5	1950	1.46	0.38	2.50	0.17	44.3	10.0	8	9.42	14.5
M356915		4.58	0.015	0.71	6.52	24.6	1710	1.33	0.35	3.03	0.40	40.1	8.4	7	18.55	19.4
M356916		13.10	<0.005	0.15	7.06	8.0	2050	1.32	0.20	2.27	0.13	42.1	9.4	10	7.57	6.0
M356917		9.89	0.011	0.28	7.06	7.7	2020	1.38	0.23	2.48	0.18	39.7	8.6	9	9.05	8.9
M356918		8.19	<0.005	0.08	7.04	4.9	2060	1.38	0.19	2.61	0.13	37.5	9.0	9	7.45	5.4
M356919		<0.02	<0.005	0.08	7.25	4.4	2110	1.44	0.22	2.70	0.11	44.3	9.4	9	7.90	5.7
M356920		6.92	<0.005	0.18	7.18	21.0	1840	1.40	0.37	2.59	0.10	42.1	8.7	11	9.49	4.9
M356921		10.83	<0.005	0.09	7.18	6.5	2170	1.46	0.19	2.70	0.11	40.9	9.2	13	7.03	7.4



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**CERTIFICATE OF ANALYSIS WH12223918**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356886		3.17	16.20	0.11	0.9	0.041	2.48	20.0	17.0	0.86	2710	1.21	1.55	7.3	5.3	550
M356887		2.91	16.35	0.11	1.0	0.034	2.51	16.1	16.1	0.80	904	1.29	1.81	7.7	2.8	570
M356888		8.10	13.50	0.16	1.0	4.74	2.22	16.8	32.0	0.62	3030	15.75	0.08	5.6	12.8	420
M356889		2.86	17.05	0.10	1.0	0.040	2.55	16.6	27.6	0.76	911	1.23	1.37	7.8	3.2	590
M356890		3.63	15.10	0.12	0.8	0.204	2.65	16.9	36.4	0.55	1850	1.20	0.56	6.6	2.6	530
M356891		0.47	0.26	<0.05	<0.1	<0.005	0.02	0.6	0.9	12.70	208	0.22	0.01	0.3	2.2	160
M356892		3.10	16.50	0.12	1.0	0.111	2.81	20.6	17.5	0.82	1700	1.14	1.55	7.7	2.6	580
M356893		2.97	16.50	0.11	1.0	0.038	2.39	17.9	11.4	0.88	720	1.29	2.20	7.6	2.8	580
M356894		3.06	17.45	0.12	1.0	0.037	2.49	21.7	12.8	0.91	768	2.06	2.23	8.2	2.9	610
M356895		2.92	17.50	0.12	1.0	0.066	2.56	16.9	31.7	0.60	1000	1.02	0.24	7.8	2.6	590
M356896		3.06	17.40	0.12	0.9	0.040	2.48	19.0	19.7	0.73	787	1.23	1.58	8.0	2.9	600
M356897		3.07	17.15	0.11	1.0	0.049	2.48	17.8	25.3	0.70	749	0.95	0.95	7.9	2.7	620
M356898		3.23	17.95	0.12	1.0	0.053	2.66	19.4	27.4	0.72	822	0.80	0.84	8.2	2.9	640
M356899		2.95	18.15	0.15	1.0	0.051	2.46	21.0	34.5	0.79	1170	0.86	0.62	7.9	2.8	590
M356900		3.06	16.95	0.13	0.9	0.106	2.86	27.5	36.1	0.93	2240	0.86	0.05	7.3	2.7	570
M356901		3.09	18.30	0.14	1.0	0.050	2.59	19.2	20.7	0.83	1880	2.26	1.36	8.3	3.1	620
M356902		3.02	17.10	0.12	0.9	0.098	2.43	19.5	12.3	0.82	1160	0.65	1.75	7.7	2.8	590
M356903		0.50	0.45	0.05	<0.1	0.005	0.05	0.7	1.7	12.40	212	0.22	0.01	0.4	3.1	170
M356904		3.03	16.30	0.12	0.9	0.087	2.43	20.8	11.8	0.84	980	1.04	1.86	7.8	2.7	590
M356905		2.93	16.25	0.11	0.9	0.039	2.27	19.2	13.0	0.79	696	0.95	1.99	7.4	2.7	580
M356906		3.27	17.55	0.12	1.0	0.040	2.35	22.5	13.7	0.99	690	1.69	2.32	8.5	2.9	670
M356907		3.09	17.30	0.12	1.0	0.044	2.40	18.3	12.8	0.89	727	1.22	2.30	7.9	2.8	610
M356908		3.02	18.05	0.12	0.9	0.085	2.41	19.2	11.8	0.83	876	1.58	1.95	8.1	2.9	600
M356909		8.04	13.50	0.19	1.0	4.88	2.22	17.1	32.5	0.62	3020	15.95	0.08	5.7	13.4	430
M356910		3.12	17.45	0.12	1.0	0.063	2.41	20.2	16.8	0.90	679	2.47	2.12	8.1	2.8	640
M356911		3.05	17.70	0.12	0.9	0.122	2.36	16.9	18.9	0.82	846	0.92	1.86	7.9	2.9	610
M356912		3.08	17.45	0.12	0.9	0.099	2.36	18.6	18.2	0.79	776	2.61	1.98	8.0	2.9	620
M356913		3.03	17.30	0.12	0.9	0.034	2.28	18.3	14.7	0.87	668	2.11	2.17	7.7	2.8	590
M356914		3.02	18.10	0.14	1.0	0.053	2.43	20.9	28.0	0.79	717	2.17	1.52	8.3	3.1	570
M356915		2.86	15.45	0.13	0.9	0.085	2.42	19.2	90.9	0.83	1100	1.92	0.80	7.3	2.5	580
M356916		3.06	16.65	0.13	0.9	0.036	2.26	20.6	22.9	0.82	606	1.59	1.68	7.5	3.0	590
M356917		2.89	17.35	0.13	0.9	0.183	2.36	18.4	20.4	0.77	685	1.46	1.74	7.8	2.7	590
M356918		3.01	17.15	0.13	0.9	0.062	2.33	17.7	17.2	0.83	673	0.90	2.01	7.6	2.8	600
M356919		3.09	18.05	0.13	0.9	0.068	2.37	20.8	18.2	0.86	692	1.08	2.04	8.2	2.9	610
M356920		3.00	17.25	0.13	0.9	0.067	2.47	20.5	17.9	0.80	766	1.03	1.80	7.6	2.9	580
M356921		3.12	17.85	0.13	0.9	0.047	2.37	19.0	18.9	0.95	693	1.12	2.23	8.2	3.0	610



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Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12223918**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356886		341	112.5	<0.002	0.62	92.1	11.1	1	1.7	304	0.59	<0.05	10.6	0.254	1.30	3.8
M356887		22.9	95.5	<0.002	0.08	3.79	10.6	1	1.4	346	0.64	<0.05	9.5	0.266	1.13	3.9
M356888		9450	147.5	<0.002	6.78	209	7.3	2	8.6	121.0	0.43	0.41	8.4	0.185	2.06	5.3
M356889		39.0	96.5	<0.002	0.12	8.81	11.1	1	1.4	303	0.60	<0.05	9.8	0.271	2.40	3.6
M356890		2090	122.5	<0.002	1.91	227	10.3	1	2.1	178.0	0.53	0.18	9.5	0.244	1.65	3.2
M356891		3.6	1.6	<0.002	<0.01	0.27	0.3	1	<0.2	44.5	<0.05	<0.05	0.3	<0.005	<0.02	1.9
M356892		69.1	126.5	<0.002	0.19	6.93	11.5	1	1.5	333	0.62	0.05	11.8	0.273	1.40	4.3
M356893		19.6	84.8	<0.002	0.04	0.94	10.8	1	1.4	399	0.64	<0.05	10.0	0.272	0.84	3.7
M356894		21.8	97.7	<0.002	0.05	1.22	12.6	1	1.5	393	0.65	<0.05	11.8	0.284	0.98	3.9
M356895		46.8	104.0	<0.002	0.50	11.85	11.3	1	1.6	117.0	0.62	0.27	10.4	0.270	1.33	3.1
M356896		28.5	96.9	<0.002	0.08	4.75	12.2	1	1.6	320	0.64	<0.05	10.4	0.283	1.07	3.5
M356897		34.1	96.7	<0.002	0.15	7.78	11.9	1	1.6	239	0.62	0.06	10.0	0.277	1.14	3.2
M356898		53.4	106.0	<0.002	0.18	13.05	12.6	1	1.9	234	0.64	0.10	11.2	0.293	1.21	3.2
M356899		32.6	104.0	<0.002	0.25	9.75	12.7	1	1.6	194.0	0.63	0.12	11.4	0.279	1.43	3.4
M356900		183.0	156.0	<0.002	1.39	16.15	12.3	1	2.0	88.5	0.57	0.98	12.0	0.259	2.36	3.9
M356901		129.5	98.7	<0.002	0.24	7.52	12.6	1	1.8	281	0.65	0.05	10.6	0.287	1.46	4.2
M356902		30.1	95.7	<0.002	0.29	4.73	11.8	1	1.5	345	0.59	0.23	10.1	0.276	1.14	3.7
M356903		1.7	2.4	<0.002	0.01	0.08	0.6	1	<0.2	42.7	<0.05	<0.05	0.2	0.012	<0.02	0.9
M356904		22.1	97.1	<0.002	0.33	7.26	11.5	1	1.5	343	0.60	0.50	11.4	0.274	1.12	3.7
M356905		22.1	84.5	<0.002	0.21	1.45	10.9	1	1.4	363	0.58	0.20	10.2	0.271	0.95	3.3
M356906		19.3	93.6	<0.002	0.02	0.70	12.8	1	1.7	418	0.64	<0.05	11.6	0.296	0.95	3.9
M356907		32.2	80.5	<0.002	0.07	1.09	11.6	1	1.5	414	0.62	0.09	9.5	0.284	0.91	3.4
M356908		26.8	95.2	<0.002	0.20	8.24	12.3	1	1.6	358	0.62	0.31	10.1	0.280	1.07	3.5
M356909		9430	148.0	<0.002	6.72	210	7.5	3	8.9	119.5	0.43	0.45	8.0	0.185	2.00	5.0
M356910		20.3	87.1	<0.002	0.04	1.57	12.1	1	1.6	400	0.61	<0.05	10.3	0.296	0.97	3.5
M356911		20.6	90.1	<0.002	0.13	5.53	12.1	1	1.6	365	0.61	0.13	9.6	0.275	1.16	3.8
M356912		26.3	97.0	<0.002	0.25	2.81	12.4	1	1.6	370	0.61	0.27	10.5	0.280	1.14	3.6
M356913		18.4	81.3	<0.002	0.08	0.70	12.2	1	1.5	405	0.58	<0.05	9.7	0.276	0.90	3.3
M356914		21.8	105.0	<0.002	0.26	2.70	12.3	2	1.6	333	0.66	0.32	12.8	0.272	1.22	4.2
M356915		18.0	110.0	<0.002	0.50	6.21	11.8	1	1.5	242	0.55	0.38	9.5	0.264	1.48	3.3
M356916		16.7	91.5	<0.002	0.07	2.75	11.9	1	1.6	373	0.56	0.06	10.4	0.270	0.93	3.7
M356917		18.8	87.5	<0.002	0.10	3.31	11.8	1	1.6	345	0.60	0.12	10.0	0.275	1.03	3.4
M356918		17.2	86.2	<0.002	0.04	1.89	12.0	1	1.5	386	0.58	<0.05	9.5	0.274	0.94	3.3
M356919		17.7	94.8	<0.002	0.03	1.99	12.8	1	1.6	393	0.61	<0.05	10.9	0.282	0.99	3.5
M356920		14.9	107.5	<0.002	0.25	2.60	12.2	1	1.5	334	0.56	0.08	10.2	0.273	1.26	3.4
M356921		16.6	86.0	<0.002	0.03	1.46	12.4	1	1.6	403	0.59	<0.05	9.9	0.287	0.92	3.3





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 Plus Appendix Pages  
 Finalized Date: 3-OCT-2012  
 Account: ROCKHA

Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12223918**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356886		69	1.5	16.1	734	21.8		
M356887		72	1.7	14.7	66	24.2		
M356888		52	4.5	9.8	>10000	32.5	119	1.560
M356889		72	3.0	14.7	118	24.5		
M356890		66	1.8	12.0	7000	20.0		
M356891		2	0.1	0.9	20	<0.5		
M356892		74	1.6	16.4	160	23.5		
M356893		73	1.3	15.8	58	25.3		
M356894		77	1.5	18.1	67	25.7		
M356895		76	2.8	14.2	145	24.8		
M356896		77	2.0	16.2	98	23.3		
M356897		74	2.4	15.5	82	25.9		
M356898		81	2.6	16.6	94	24.5		
M356899		76	2.5	16.6	83	24.6		
M356900		72	2.4	16.7	330	22.7		
M356901		79	3.1	16.8	280	24.2		
M356902		74	2.2	14.5	99	22.3		
M356903		4	0.1	1.1	12	<0.5		
M356904		74	1.0	15.8	114	22.7		
M356905		73	0.8	15.0	56	22.7		
M356906		81	0.9	19.0	54	25.8		
M356907		76	1.3	15.8	80	25.5		
M356908		75	1.1	15.8	92	22.8		
M356909		51	4.4	10.1	>10000	32.5	121	1.590
M356910		80	0.9	17.0	63	24.0		
M356911		74	1.4	16.2	69	23.0		
M356912		75	1.0	16.5	78	23.2		
M356913		75	0.8	16.3	55	21.9		
M356914		71	2.4	16.5	57	26.3		
M356915		72	1.3	14.6	74	21.6		
M356916		73	10.6	15.7	54	23.3		
M356917		74	1.8	15.4	64	22.6		
M356918		75	1.4	15.3	58	22.8		
M356919		76	1.3	17.1	59	24.3		
M356920		72	1.6	16.3	50	22.3		
M356921		77	1.7	16.7	54	22.7		



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**CERTIFICATE OF ANALYSIS WH12223918**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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# **CERTIFICATE WH12223919**

Project: Klaza-135

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

## **SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## **ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12223919**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356922		9.74	<0.005	0.04	6.91	4.5	2050	1.36	0.11	2.68	0.12	47.3	8.1	12	7.81	6.1
M356923		4.36	0.005	0.11	6.91	83.9	1670	1.17	0.37	2.25	0.08	34.0	6.7	11	11.45	4.2
M356924		5.32	0.012	1.17	6.74	25.4	1460	1.35	1.57	2.42	0.23	42.5	8.0	8	18.05	4.7
M356925		8.87	<0.005	0.16	7.24	4.5	1880	1.40	0.22	2.37	0.10	48.0	8.6	13	15.95	6.2
M356926		6.01	<0.005	0.29	6.72	33.8	1390	1.31	0.27	2.60	0.25	47.4	8.6	7	24.2	7.7
M356927		5.19	<0.005	0.12	6.85	6.5	2070	1.46	0.22	2.57	0.15	44.4	8.5	17	13.45	8.2
M356928		1.77	<0.005	0.11	6.76	8.7	1800	1.31	0.22	2.55	0.13	41.4	8.2	9	15.70	9.3
M356929		8.59	<0.005	0.11	6.81	5.9	2020	1.37	0.18	2.55	0.15	41.2	8.2	9	8.62	7.7
N812736		3.10	0.010	0.41	6.64	42.7	1740	1.20	0.87	2.88	0.70	40.9	9.6	8	9.95	4.3
M356930		6.17	<0.005	0.13	6.75	27.5	1590	0.99	0.20	1.78	0.23	36.6	6.7	8	20.9	6.6
M356931		2.45	<0.005	0.20	6.70	17.8	1820	1.23	0.54	2.35	0.45	46.8	7.8	7	19.50	5.6
M356932		3.40	0.006	0.47	6.70	32.7	1180	1.35	0.51	2.84	1.47	61.0	8.5	6	20.0	5.8
M356933		3.19	<0.005	0.02	0.13	<5	30	0.07	0.03	18.75	0.05	1.49	0.7	<1	0.71	2.5
M356934		7.26	<0.005	0.05	6.93	3.4	1870	1.31	0.15	2.61	0.08	45.6	7.2	10	15.00	4.9
M356935		4.59	<0.005	0.11	6.60	6.9	1790	1.19	0.16	2.45	0.09	42.1	6.9	9	16.45	7.2
M356936		5.30	<0.005	0.14	6.53	4.4	1780	1.55	0.20	2.56	0.10	43.8	7.6	9	12.90	7.6
M356937		2.84	<0.005	0.09	6.54	12.0	1290	1.31	0.29	2.60	0.15	48.8	7.6	7	24.0	6.0
M356938		0.25	4.61	>100	5.14	7460	570	1.03	58.9	1.82	207	33.2	9.3	16	11.55	1210
M356939		2.67	<0.005	0.28	6.43	43.3	2240	1.22	0.42	2.64	0.28	45.5	10.2	8	13.20	22.2
M356940		4.36	<0.005	0.18	6.66	14.0	1740	1.16	0.67	2.31	0.18	41.5	6.4	8	8.87	10.4
M356941		4.90	<0.005	0.07	6.39	5.6	1620	1.13	0.26	2.36	0.08	35.8	5.8	8	17.55	5.7
M356942		2.27	0.009	0.70	6.19	28.6	1410	1.38	0.47	3.33	1.66	46.3	6.9	8	12.90	12.8
M356943		2.27	<0.005	0.15	6.93	7.6	1910	1.52	0.41	2.34	0.16	45.4	7.4	9	8.96	6.8
M356944		3.09	<0.005	0.59	6.43	19.7	1970	1.36	0.33	3.02	8.79	48.0	10.7	10	9.82	8.6
M356945		3.05	<0.005	0.03	0.11	<5	30	0.07	0.03	18.80	0.09	1.76	1.0	1	0.38	3.6
M356946		2.67	0.010	0.60	5.90	38.9	1440	1.33	0.85	3.47	0.25	41.9	11.1	8	16.55	21.1
M356947		4.39	<0.005	0.09	6.92	2.8	2170	1.60	0.17	2.63	0.11	44.1	9.3	10	11.10	11.6
M356948		5.70	<0.005	0.09	6.70	5.3	2150	1.50	0.19	3.09	0.14	43.5	9.4	12	9.99	6.8
M356949		2.96	<0.005	0.23	5.94	13.8	1870	1.55	0.41	3.01	0.16	40.4	8.1	12	10.45	36.2
M356950		2.83	0.036	4.09	6.05	166.0	1250	1.56	3.24	2.52	15.50	45.3	13.4	9	18.80	22.2
M356951		7.13	<0.005	0.13	6.80	3.8	2020	1.59	0.21	3.00	0.16	42.2	8.3	11	10.80	21.6
M356952		<0.02	<0.005	0.13	6.45	4.3	1980	1.49	0.21	2.95	0.16	41.3	8.2	13	10.65	21.6
M356953		2.75	<0.005	0.16	7.16	12.7	2220	1.65	0.43	2.83	0.18	41.9	10.4	11	12.20	9.3
M356954		5.82	<0.005	0.15	6.75	12.2	2040	1.71	0.25	3.08	0.67	47.5	9.1	11	15.30	17.8
M356955		0.25	4.48	>100	5.16	8320	160	1.32	57.7	1.99	235	31.1	10.1	18	13.85	1300
M356956		8.36	<0.005	0.35	7.49	19.5	2120	1.69	0.32	2.88	0.57	47.2	7.8	10	12.75	49.9



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Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12223919**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356922		2.98	16.60	0.16	1.0	0.039	2.30	22.4	13.8	0.87	689	0.95	1.98	7.7	2.7	580
M356923		2.76	15.00	0.10	1.0	0.027	2.37	15.8	20.8	0.64	716	1.02	0.80	6.6	2.1	570
M356924		2.86	15.05	0.13	0.9	0.050	2.67	19.7	27.8	0.81	1050	0.85	0.61	6.8	1.9	560
M356925		2.94	17.75	0.13	1.1	0.044	2.44	23.3	20.2	0.76	654	0.86	1.50	8.1	2.9	580
M356926		2.91	16.25	0.15	1.0	0.038	2.38	22.7	40.6	0.92	996	1.08	0.43	7.5	3.0	550
M356927		2.86	17.50	0.13	1.0	0.039	2.40	20.2	21.0	0.82	661	0.99	1.68	8.1	2.7	570
M356928		2.89	16.45	0.11	1.0	0.039	2.32	19.3	17.4	0.79	650	1.35	1.57	7.4	2.6	600
M356929		2.93	17.20	0.15	1.1	0.041	2.35	19.5	19.9	0.75	622	0.78	1.67	7.8	2.3	590
N812736		3.17	15.05	0.13	0.9	0.049	2.50	19.5	17.4	0.84	1210	0.75	1.38	6.5	2.3	530
M356930		2.89	15.05	0.12	1.0	0.044	2.43	17.0	57.2	0.63	806	0.82	0.30	7.1	2.4	580
M356931		2.80	16.05	0.13	1.0	0.041	2.38	22.7	50.5	0.86	791	0.67	0.59	7.3	2.4	540
M356932		3.25	16.25	0.13	1.0	0.087	2.52	30.7	36.6	1.03	2470	0.83	0.07	7.4	2.3	550
M356933		0.46	0.39	0.14	<0.1	<0.005	0.05	0.7	1.9	11.85	209	0.16	0.01	0.3	1.2	160
M356934		2.87	15.55	0.14	1.0	0.033	2.46	21.6	17.7	0.79	605	0.63	1.94	6.9	2.4	540
M356935		2.62	14.95	0.14	0.9	0.041	2.31	19.3	20.9	0.72	592	0.70	1.89	6.5	3.3	530
M356936		2.71	16.20	0.12	1.1	0.041	2.31	20.2	17.9	0.72	586	0.83	1.91	7.4	2.8	540
M356937		2.63	16.45	0.15	1.1	0.033	2.24	22.3	52.2	0.86	707	0.81	0.57	7.6	2.5	540
M356938		7.72	13.25	0.12	1.1	4.64	2.14	16.3	28.9	0.61	2870	15.15	0.08	5.3	13.4	400
M356939		3.10	15.05	0.11	0.9	0.069	2.48	21.6	19.5	0.85	675	1.01	1.55	7.2	2.7	550
M356940		2.98	15.00	0.13	1.0	0.053	2.51	19.7	15.7	0.75	608	0.82	1.77	7.0	2.2	540
M356941		2.67	14.55	0.14	1.0	0.035	2.41	16.5	14.1	0.65	529	0.97	1.45	6.7	2.1	530
M356942		3.08	14.75	0.12	1.0	0.078	2.50	22.4	15.7	1.03	1810	0.94	1.04	6.8	2.1	490
M356943		2.87	17.20	0.14	1.1	0.050	2.50	21.4	14.3	0.80	572	1.28	2.02	7.8	2.5	560
M356944		3.04	16.25	0.15	0.9	0.091	2.61	22.5	14.0	0.78	1500	0.90	1.51	7.3	2.5	540
M356945		0.45	0.37	0.12	<0.1	0.013	0.06	0.8	1.7	11.85	197	0.14	0.01	0.4	2.7	220
M356946		3.01	15.35	0.09	1.0	0.091	2.66	20.8	24.0	0.87	1580	1.04	0.29	7.2	2.5	540
M356947		3.06	16.55	0.10	1.1	0.039	2.56	21.8	18.7	0.84	663	1.24	2.00	8.3	3.4	590
M356948		3.30	17.10	0.13	1.1	0.057	2.43	20.9	20.6	0.91	759	1.47	2.00	9.1	3.4	680
M356949		2.93	16.40	0.11	1.0	0.059	2.42	18.9	13.6	0.68	786	0.57	1.51	8.2	3.4	590
M356950		3.59	16.15	0.11	1.0	0.097	2.86	23.0	22.6	0.80	3800	0.89	0.09	7.6	2.8	580
M356951		3.11	17.25	0.11	1.0	0.052	2.42	20.3	15.3	0.79	695	1.20	2.10	8.5	3.1	620
M356952		2.97	17.05	0.13	1.0	0.049	2.39	20.0	15.3	0.78	676	1.26	2.02	8.3	3.2	610
M356953		3.06	17.10	0.12	1.1	0.054	2.74	20.4	18.8	0.78	662	1.36	1.88	8.7	3.0	640
M356954		3.07	17.05	0.13	1.1	0.058	2.55	23.8	21.4	0.75	741	0.93	1.94	8.5	3.1	610
M356955		7.89	13.35	0.17	1.1	5.34	2.26	15.1	33.8	0.61	3120	16.45	0.09	6.0	15.4	450
M356956		3.13	17.75	0.11	1.0	0.072	2.61	23.9	24.9	0.84	686	2.32	2.06	8.5	2.9	640



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**CERTIFICATE OF ANALYSIS WH12223919**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M356922		16.4	88.1	<0.002	0.02	1.29	11.1	1	1.5	378	0.59	<0.05	11.9	0.263	3.7
M356923		15.2	83.4	<0.002	0.15	6.42	9.6	<1	1.4	212	0.59	0.14	10.5	0.259	3.1
M356924		24.1	112.0	<0.002	0.49	7.45	10.2	<1	1.6	179.0	0.60	0.52	11.6	0.247	3.7
M356925		17.2	106.0	<0.002	0.05	4.40	12.0	1	1.7	326	0.61	<0.05	13.0	0.263	3.9
M356926		20.0	113.5	<0.002	0.22	10.75	11.2	<1	1.7	183.5	0.61	<0.05	13.1	0.245	4.0
M356927		19.3	104.0	<0.002	0.04	3.46	11.7	1	1.6	341	0.61	<0.05	10.4	0.265	3.4
M356928		16.3	88.1	<0.002	0.04	3.83	10.6	1	1.6	329	0.61	<0.05	10.4	0.256	3.3
M356929		18.9	88.1	<0.002	0.01	3.24	11.1	1	1.8	336	0.65	<0.05	10.0	0.264	3.3
N812736		38.0	108.0	<0.002	0.68	5.16	9.9	<1	1.4	290	0.56	<0.05	9.4	0.237	3.5
M356930		15.2	87.7	<0.002	0.10	9.11	10.0	1	1.5	167.0	0.62	<0.05	10.6	0.270	2.9
M356931		23.8	106.5	<0.002	0.20	9.69	10.9	1	1.6	232	0.65	<0.05	12.5	0.242	3.5
M356932		139.0	133.5	<0.002	0.21	12.15	11.1	1	1.8	174.0	0.59	<0.05	14.2	0.245	3.9
M356933		1.5	4.2	<0.002	<0.01	0.16	0.3	<1	0.2	42.1	<0.05	<0.05	0.4	<0.005	0.6
M356934		14.9	96.3	<0.002	0.02	2.16	10.5	<1	1.5	370	0.60	<0.05	11.9	0.247	3.7
M356935		16.4	88.7	<0.002	0.03	1.99	9.3	<1	1.4	343	0.56	<0.05	10.7	0.236	3.2
M356936		17.0	94.8	<0.002	0.02	1.80	10.6	1	1.7	359	0.64	<0.05	12.6	0.240	4.1
M356937		14.1	87.1	<0.002	0.12	5.76	10.7	1	1.7	226	0.69	<0.05	13.0	0.245	3.4
M356938		9180	139.5	<0.002	6.60	209	7.3	1	8.4	118.5	0.45	0.43	9.4	0.172	5.4
M356939		21.7	109.5	<0.002	0.33	6.39	10.4	1	1.5	274	0.64	<0.05	11.8	0.244	4.2
M356940		17.3	107.0	<0.002	0.21	2.71	9.6	<1	1.5	311	0.64	<0.05	12.9	0.246	4.1
M356941		16.3	91.2	<0.002	0.02	4.06	9.2	<1	1.4	301	0.58	<0.05	11.5	0.240	3.4
M356942		94.4	112.0	<0.002	0.26	7.10	9.6	<1	1.4	252	0.60	<0.05	12.8	0.222	4.8
M356943		22.9	102.5	<0.002	0.07	1.99	11.1	1	1.7	385	0.64	0.05	13.3	0.250	4.0
M356944		148.0	125.0	<0.002	0.16	4.64	10.6	1	1.7	298	0.63	<0.05	12.6	0.243	4.3
M356945		1.8	3.3	<0.002	0.01	0.10	0.3	<1	<0.2	45.0	<0.05	<0.05	0.2	0.007	0.8
M356946		20.8	103.0	<0.002	0.41	9.15	9.6	1	1.7	173.0	0.61	<0.05	10.9	0.242	3.7
M356947		18.2	90.0	<0.002	0.01	1.28	11.0	2	1.8	416	0.68	<0.05	12.4	0.275	4.3
M356948		18.3	85.4	<0.002	0.01	1.95	12.3	2	2.0	417	0.72	<0.05	10.8	0.295	4.0
M356949		21.8	83.5	<0.002	0.10	4.70	10.5	1	1.8	334	0.67	<0.05	10.7	0.270	3.6
M356950		476	132.5	<0.002	0.89	15.20	10.7	2	1.8	123.0	0.63	<0.05	11.0	0.257	3.9
M356951		20.3	85.1	<0.002	0.02	2.08	11.0	2	1.8	412	0.67	<0.05	10.6	0.284	3.7
M356952		20.3	85.9	<0.002	0.02	2.08	11.3	2	1.8	399	0.65	<0.05	10.3	0.280	3.6
M356953		26.4	103.5	<0.002	0.09	4.86	11.4	2	1.8	378	0.71	<0.05	10.9	0.286	3.8
M356954		29.5	97.3	<0.002	0.09	3.12	11.6	2	2.0	393	0.67	<0.05	11.3	0.280	3.6
M356955		9720	117.0	<0.002	7.04	221	7.6	3	9.2	120.0	0.46	0.58	7.1	0.186	4.8
M356956		33.8	105.0	<0.002	0.06	3.04	11.7	2	1.9	403	0.64	<0.05	11.7	0.289	3.6



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**CERTIFICATE OF ANALYSIS WH12223919**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356922		75	1.6	16.1	48	24.1		
M356923		73	3.3	12.1	41	20.2		
M356924		71	2.3	14.2	48	20.2		
M356925		74	2.3	16.7	48	25.2		
M356926		70	3.3	15.7	54	23.6		
M356927		75	2.1	16.5	49	25.0		
M356928		72	2.6	14.9	48	23.5		
M356929		75	2.4	15.3	47	25.6		
N812736		68	1.6	14.2	79	20.7		
M356930		75	3.9	12.7	52	22.1		
M356931		68	3.1	15.6	60	24.0		
M356932		70	3.8	18.2	128	24.2		
M356933		2	0.1	0.9	10	<0.5		
M356934		71	1.6	14.5	42	22.8		
M356935		66	1.4	13.4	42	24.1		
M356936		68	2.0	14.9	43	25.2		
M356937		69	2.9	15.8	44	24.6		
M356938		50	4.4	8.9	>10000	33.0	113	1.600
M356939		73	3.1	17.3	55	21.7		
M356940		66	2.4	13.6	47	22.7		
M356941		67	2.4	12.4	40	23.6		
M356942		62	3.9	15.7	135	23.7		
M356943		69	2.4	16.3	43	26.2		
M356944		69	2.4	15.7	444	22.2		
M356945		3	0.1	1.1	11	0.5		
M356946		69	3.3	14.8	52	22.7		
M356947		76	2.2	15.2	56	25.2		
M356948		84	2.4	16.9	56	25.1		
M356949		75	1.3	14.3	54	24.6		
M356950		73	2.9	14.9	1450	21.9		
M356951		79	1.2	15.6	58	22.8		
M356952		78	1.2	15.6	56	22.6		
M356953		81	1.6	15.2	58	24.7		
M356954		80	3.2	15.6	95	25.1		
M356955		55	4.6	8.1	>10000	33.6	118	1.625
M356956		79	1.5	16.2	86	24.6		



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**CERTIFICATE OF ANALYSIS WH12223919**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)





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**CERTIFICATE WH12224020**

Project: Klaza-135

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12224020**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356957		8.88	<0.005	0.23	7.47	11.6	2080	1.58	0.23	2.76	1.72	46.1	9.3	12	12.20	13.7
M356958		4.25	<0.005	0.20	7.14	20.8	2230	1.50	0.21	2.97	0.13	42.3	7.8	10	15.70	18.5
M356959		4.70	<0.005	0.12	7.33	4.3	1920	1.55	0.26	2.68	0.11	42.9	6.4	11	9.60	19.1
M356960		9.04	<0.005	0.11	7.69	4.9	2140	1.65	0.20	2.58	0.11	47.0	7.3	10	9.82	19.0
M356961		8.44	<0.005	0.05	7.36	3.1	2190	1.56	0.15	2.64	0.10	44.3	8.1	10	9.63	8.2
M356962		0.24	4.53	>100	5.30	7240	790	1.16	63.2	1.87	220	32.7	9.4	16	11.60	1215
M356963		7.60	<0.005	0.17	7.70	8.0	2210	1.58	0.15	2.61	0.18	43.2	8.1	11	10.40	8.2
M356964		2.45	0.009	0.44	7.19	18.8	1670	1.60	0.19	3.42	0.93	43.0	8.2	8	23.3	8.5
M356965		6.26	0.044	0.17	7.11	51.0	2030	1.45	0.14	3.81	0.19	44.5	8.0	9	14.10	5.7
M356966		3.46	0.005	0.23	8.14	22.4	2020	1.21	1.67	5.07	0.32	45.9	10.2	7	20.8	12.9
M356967		3.04	<0.005	0.02	0.09	<5	30	0.05	0.03	20.0	0.06	1.07	1.3	<1	0.62	1.3
M356968		4.97	<0.005	0.11	7.84	17.1	1530	1.05	1.73	3.94	0.03	49.4	14.8	10	7.69	16.6
M356969		2.78	<0.005	0.06	7.98	3.8	2200	1.66	0.17	2.84	0.11	45.7	11.1	11	10.55	5.3
M356970		2.94	0.013	1.90	7.23	71.5	1350	1.62	3.75	2.69	3.00	48.0	33.8	8	12.25	7.5
M356971		3.68	<0.005	0.09	7.33	3.8	2030	1.60	0.13	2.82	0.16	40.8	8.6	10	11.50	5.4
M356972		8.85	<0.005	0.17	7.33	7.9	1860	1.62	0.20	2.92	0.15	44.2	8.8	12	14.20	16.4
M356973		5.91	<0.005	0.43	7.09	28.0	1640	1.62	0.32	2.76	0.16	34.5	8.3	9	15.95	27.8
M356974		<0.02	0.005	0.45	7.10	29.8	1610	1.65	0.32	2.72	0.17	36.8	8.6	9	16.55	28.9
M356975		3.47	0.034	0.97	6.92	133.5	1270	1.49	0.28	3.37	1.93	41.7	7.7	8	19.95	24.7
M356976		6.58	<0.005	0.25	6.97	24.1	1850	1.71	0.11	2.94	0.21	42.9	7.9	9	16.45	6.4
M356977		4.19	<0.005	0.11	7.55	11.5	1960	1.62	0.09	2.68	0.09	48.9	8.2	10	14.45	3.9
M356978		2.06	0.081	0.55	6.81	139.0	2220	1.61	0.10	3.42	1.46	45.9	8.2	9	12.15	4.9
M356979		7.05	<0.005	0.05	7.50	2.0	2160	1.73	0.10	3.02	0.08	44.5	9.1	9	9.59	4.5
M356980		0.24	4.48	>100	5.44	6880	800	1.19	61.4	1.91	223	32.5	9.2	17	11.45	1245
M356981		8.54	<0.005	0.13	7.55	5.1	2130	1.75	0.12	3.04	0.17	45.1	9.2	10	11.65	6.0
M356982		8.39	<0.005	0.12	7.24	4.7	1960	1.71	0.12	3.11	0.14	43.7	8.8	9	10.05	12.0
M356983		5.87	<0.005	0.12	7.31	7.1	1980	1.64	0.15	3.14	0.15	46.7	8.5	9	9.40	9.2
M356984		5.59	<0.005	0.09	7.56	4.3	2120	1.71	0.12	2.70	0.09	44.3	8.3	9	9.82	6.4
M356985		2.81	<0.005	0.24	7.06	21.1	2650	1.51	0.36	2.57	0.19	40.9	13.9	8	22.1	14.2
M356986		2.96	<0.005	0.02	0.09	<5	40	0.05	0.02	20.7	0.07	1.32	1.4	<1	0.39	1.8
M356987		5.87	<0.005	0.07	7.20	4.6	1960	1.59	0.16	2.60	0.10	42.8	7.0	10	10.40	6.2
M356988		3.14	<0.005	0.09	7.23	7.8	1860	1.62	0.15	2.70	0.09	43.5	7.6	9	13.90	13.1
M356989		1.32	<0.005	0.11	7.23	8.9	2120	1.66	0.16	2.69	0.08	48.6	8.7	10	17.00	18.6
M356990		2.59	<0.005	0.14	7.55	11.7	1820	1.46	0.18	1.61	0.19	48.7	8.0	8	15.75	7.4
M356991		2.69	0.008	1.04	7.13	42.2	1420	1.58	0.59	2.32	0.25	51.1	10.3	11	18.80	11.4
M356992		5.13	<0.005	0.09	7.39	3.7	2150	1.59	0.15	2.64	0.23	48.4	8.6	11	9.50	6.6



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**CERTIFICATE OF ANALYSIS WH12224020**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356957		3.16	18.70	0.15	1.1	0.052	2.63	22.7	19.8	0.82	761	0.81	2.08	8.6	3.7	660
M356958		3.06	18.05	0.12	1.0	0.057	2.57	20.5	26.0	0.86	679	0.60	1.65	8.3	2.8	630
M356959		3.30	16.75	0.13	1.0	0.057	2.53	21.1	18.5	0.82	587	0.58	2.09	7.8	2.6	620
M356960		3.26	18.10	0.17	1.0	0.050	2.63	24.0	19.7	0.92	595	0.73	2.12	8.3	3.0	640
M356961		2.99	16.80	0.14	1.1	0.036	2.48	22.6	20.8	0.92	590	1.27	2.01	7.7	2.5	610
M356962		7.89	13.50	0.11	1.1	4.73	2.22	16.1	28.3	0.60	2900	15.40	0.09	5.6	13.3	430
M356963		3.12	16.85	0.12	1.1	0.038	2.60	22.3	20.9	0.89	647	0.61	1.88	8.0	2.9	640
M356964		3.22	15.95	0.13	1.0	0.048	2.46	23.4	28.3	0.87	876	0.59	0.95	7.4	2.8	570
M356965		2.94	16.30	0.15	0.9	0.040	2.52	23.3	20.2	0.77	1010	0.42	1.43	7.6	2.7	600
M356966		5.57	26.4	0.14	0.9	0.577	2.65	23.0	19.3	0.94	1460	0.38	0.75	8.2	2.2	650
M356967		0.46	0.44	0.22	<0.1	<0.005	0.05	0.5	1.3	12.20	191	0.17	0.01	0.4	1.2	180
M356968		4.31	18.15	0.11	1.0	0.336	2.39	26.2	14.4	0.78	1180	0.47	1.53	9.2	2.5	720
M356969		3.70	19.35	0.13	1.2	0.049	2.68	22.5	25.5	0.85	695	0.60	1.99	9.1	3.0	690
M356970		3.09	15.95	0.14	1.0	0.097	3.18	26.0	25.4	0.77	1480	0.69	0.06	7.7	2.9	590
M356971		3.10	17.10	0.12	1.0	0.038	2.59	20.4	17.1	0.73	627	0.47	1.89	7.8	2.7	600
M356972		3.09	17.60	0.13	1.0	0.047	2.63	22.8	20.0	0.74	657	0.49	1.65	8.1	2.9	600
M356973		3.05	16.75	0.11	0.9	0.055	2.90	16.5	26.0	0.77	929	0.36	1.03	7.8	2.4	610
M356974		3.04	17.05	0.13	1.0	0.062	2.85	18.0	26.4	0.78	919	0.42	0.99	7.9	2.7	610
M356975		3.27	16.05	0.11	1.0	0.053	2.63	22.1	44.7	0.97	1560	0.45	0.15	7.3	2.5	560
M356976		2.91	16.80	0.12	1.0	0.039	2.72	21.7	31.7	0.74	808	0.42	1.20	7.9	2.5	600
M356977		3.07	16.15	0.13	1.0	0.037	2.75	26.0	16.3	0.81	702	0.40	1.34	7.8	2.7	620
M356978		3.23	16.65	0.13	0.9	0.045	2.65	23.5	19.7	0.84	1780	0.38	1.14	7.3	2.7	580
M356979		3.11	18.05	0.14	1.0	0.040	2.50	22.9	16.8	0.88	691	0.44	2.07	8.2	2.7	610
M356980		8.15	13.20	0.13	1.1	4.55	2.28	15.7	27.6	0.62	2980	14.90	0.09	5.3	13.1	450
M356981		3.23	18.20	0.12	1.1	0.042	2.56	22.2	19.5	0.91	789	0.59	2.06	8.3	2.8	630
M356982		3.10	17.40	0.11	1.2	0.040	2.49	21.6	17.8	0.81	774	1.20	1.94	8.2	2.8	610
M356983		2.97	16.85	0.12	1.1	0.036	2.44	24.8	19.3	0.80	760	1.15	1.91	7.9	2.4	580
M356984		3.17	17.50	0.10	1.2	0.037	2.62	22.3	18.4	0.82	621	0.78	2.13	8.1	2.8	620
M356985		3.04	17.70	0.10	1.0	0.043	2.55	20.5	41.0	0.72	665	0.64	0.28	8.0	2.9	630
M356986		0.52	0.39	0.20	<0.1	<0.005	0.03	0.7	1.0	12.60	212	0.12	0.01	0.4	1.4	190
M356987		3.20	16.65	0.10	1.0	0.046	2.55	20.9	17.4	0.78	601	0.74	1.86	7.9	2.6	600
M356988		3.06	16.70	0.12	1.0	0.043	2.67	21.9	17.2	0.77	679	0.62	1.53	7.8	2.9	600
M356989		3.20	18.35	0.14	1.0	0.043	2.73	24.2	22.2	0.76	704	0.62	1.30	8.6	3.7	600
M356990		3.04	16.80	0.11	1.0	0.041	2.71	26.4	33.4	0.86	632	0.53	0.15	7.7	2.5	620
M356991		2.99	17.45	0.13	1.0	0.055	3.00	26.4	37.5	0.76	1100	0.60	0.28	7.6	2.9	600
M356992		3.01	17.50	0.13	1.0	0.041	2.69	24.9	15.0	0.81	627	0.69	2.11	7.7	2.8	580



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**CERTIFICATE OF ANALYSIS WH12224020**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M356957		40.1	110.5	<0.002	0.07	2.15	13.8	1	1.8	397	0.60	<0.05	13.0	0.285	1.21	3.7
M356958		24.5	98.7	<0.002	0.12	4.98	12.8	1	1.8	335	0.57	<0.05	11.3	0.286	1.35	3.2
M356959		18.9	100.5	<0.002	0.01	2.38	12.9	1	1.7	386	0.55	<0.05	12.1	0.275	1.04	3.3
M356960		19.0	116.5	<0.002	0.02	2.15	13.1	1	1.7	433	0.59	<0.05	12.9	0.284	1.08	3.6
M356961		18.7	96.9	<0.002	<0.01	1.45	12.1	1	1.5	484	0.54	<0.05	13.2	0.272	0.85	3.8
M356962		9820	139.0	<0.002	6.78	213	7.5	2	8.4	124.0	0.40	0.48	8.6	0.185	2.05	4.9
M356963		21.8	107.0	<0.002	0.03	2.12	12.4	1	1.6	475	0.59	<0.05	13.3	0.284	0.99	3.8
M356964		45.7	120.5	<0.002	0.12	5.34	11.6	1	1.5	394	0.54	<0.05	12.5	0.264	1.20	4.1
M356965		30.4	105.0	<0.002	0.23	3.28	12.4	1	1.7	466	0.52	<0.05	11.1	0.265	1.07	3.4
M356966		34.2	99.2	<0.002	0.25	9.02	13.4	1	5.9	477	0.58	<0.05	11.7	0.293	1.41	4.7
M356967		1.7	3.8	<0.002	<0.01	<0.05	0.3	1	<0.2	49.0	<0.05	<0.05	0.2	<0.005	0.03	0.7
M356968		7.9	109.5	<0.002	0.25	4.26	12.9	1	4.1	209	0.61	<0.05	15.2	0.303	1.28	4.8
M356969		18.8	103.0	<0.002	0.02	4.08	15.6	1	1.9	419	0.65	<0.05	14.7	0.314	1.04	4.5
M356970		126.0	164.0	<0.002	1.56	11.20	13.2	1	1.9	112.0	0.51	0.10	13.3	0.250	2.37	3.7
M356971		19.6	96.2	<0.002	0.03	2.31	12.0	1	1.6	379	0.57	<0.05	12.4	0.270	0.98	3.3
M356972		20.5	105.5	<0.002	0.09	4.06	13.0	1	1.8	367	0.58	<0.05	13.8	0.275	1.13	3.6
M356973		20.0	108.5	<0.002	0.19	5.80	12.0	1	1.8	288	0.56	<0.05	10.8	0.273	1.56	3.3
M356974		19.6	115.5	<0.002	0.20	5.98	12.1	1	1.9	281	0.57	<0.05	11.8	0.270	1.60	3.5
M356975		52.6	128.5	<0.002	0.60	14.30	11.9	1	2.0	184.0	0.55	<0.05	12.3	0.254	1.55	3.4
M356976		21.4	102.5	<0.002	0.13	5.42	11.9	1	1.8	322	0.56	<0.05	12.8	0.268	1.31	3.3
M356977		20.4	116.0	<0.002	0.05	3.98	11.8	1	1.8	389	0.57	<0.05	13.8	0.280	1.18	3.8
M356978		81.1	113.0	<0.002	0.69	7.85	11.9	1	2.4	316	0.52	<0.05	12.6	0.252	1.43	3.6
M356979		19.4	104.5	<0.002	0.01	2.06	13.2	1	1.7	456	0.57	<0.05	13.0	0.274	0.93	3.9
M356980		>10000	134.0	<0.002	6.96	221	7.3	2	8.3	122.0	0.40	0.46	8.5	0.190	2.01	4.7
M356981		22.7	99.3	<0.002	0.03	1.94	13.4	1	1.6	439	0.65	<0.05	12.9	0.281	0.98	3.9
M356982		19.8	101.5	<0.002	0.06	2.40	12.9	1	1.6	410	0.66	<0.05	13.5	0.270	0.90	4.4
M356983		16.0	106.5	<0.002	0.08	2.51	12.5	1	1.5	425	0.62	<0.05	12.9	0.267	0.84	4.4
M356984		17.7	100.5	<0.002	0.05	2.44	13.0	1	1.6	416	0.60	<0.05	13.1	0.275	0.98	3.8
M356985		18.1	90.2	<0.002	0.29	10.30	12.4	1	1.5	195.5	0.57	<0.05	12.3	0.279	1.40	3.4
M356986		1.5	1.8	<0.002	<0.01	<0.05	0.4	1	<0.2	54.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
M356987		16.8	96.6	<0.002	0.04	4.46	12.3	1	1.5	379	0.58	<0.05	12.2	0.273	1.04	3.5
M356988		17.1	104.0	<0.002	0.13	4.10	12.2	1	1.6	346	0.59	<0.05	12.4	0.268	1.23	3.8
M356989		17.6	109.5	<0.002	0.13	4.85	13.2	1	1.7	331	0.63	<0.05	14.6	0.284	1.33	4.0
M356990		22.0	110.0	<0.002	0.11	13.00	12.1	1	1.6	168.5	0.55	<0.05	13.0	0.272	1.26	3.0
M356991		33.7	123.5	<0.002	0.57	10.85	12.2	1	1.6	180.0	0.54	<0.05	13.0	0.263	1.93	3.0
M356992		29.3	100.5	<0.002	0.05	1.40	12.4	1	1.6	399	0.53	<0.05	12.2	0.262	1.02	3.2



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**CERTIFICATE OF ANALYSIS WH12224020**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M356957		84	1.1	16.2	212	26.0			
M356958		82	1.5	14.9	50	22.4			
M356959		81	1.1	14.6	48	22.9			
M356960		81	1.2	15.7	47	23.3			
M356961		77	1.5	13.9	49	25.3			
M356962		52	4.2	9.3	>10000	31.6	120		1.580
M356963		80	2.1	14.4	63	24.4			
M356964		73	6.0	16.5	114	22.5			
M356965		75	2.0	16.6	57	21.3			
M356966		136	3.0	22.5	75	20.2			
M356967		2	0.1	0.8	16	<0.5			
M356968		78	4.0	17.7	55	22.5			
M356969		96	2.6	17.6	58	25.9			
M356970		77	3.5	15.0	297	22.1			
M356971		77	1.0	14.7	56	23.4			
M356972		78	1.6	14.9	52	23.4			
M356973		76	2.4	13.6	55	21.4			
M356974		75	2.7	14.0	53	23.0			
M356975		72	4.2	15.0	226	20.9			
M356976		77	2.4	14.2	57	23.8			
M356977		78	3.2	13.6	53	21.4			
M356978		74	3.1	14.5	169	21.0			
M356979		78	1.7	16.7	52	23.7			
M356980		53	4.2	8.6	>10000	28.8	120	0.968	1.575
M356981		81	1.3	16.4	63	23.1			
M356982		78	2.2	16.0	58	27.1			
M356983		74	2.2	16.4	65	25.3			
M356984		80	1.3	15.0	47	26.3			
M356985		81	1.8	14.1	56	23.2			
M356986		3	0.1	0.9	18	0.5			
M356987		77	1.3	14.8	50	24.0			
M356988		77	1.3	14.6	47	22.3			
M356989		78	1.4	15.6	53	22.6			
M356990		77	3.9	14.1	58	21.4			
M356991		76	2.9	13.5	57	23.4			
M356992		75	0.6	15.1	61	21.9			



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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Project: Klaza-135

P.O. No.: Batch 7

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 3-OCT-2012  
Account: ROCKHA

Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12224021**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
N812765		2.72	0.570	10.90	6.25	969	540	1.49	2.61	2.12	23.5	45.0	21.9	9	18.20	84.3
N812766		0.21	4.57	>100	5.21	8140	220	1.25	56.6	1.94	231	32.4	9.9	17	13.30	1255
N812767		3.84	0.965	7.97	5.74	3330	350	1.17	1.09	1.67	40.3	42.6	14.1	8	10.50	42.0
N812768		4.62	5.87	>100	5.09	>10000	330	1.24	16.45	2.71	435	35.2	6.2	7	9.94	1030
N812769		2.70	0.006	0.05	0.09	<5	30	0.07	0.02	20.9	0.20	1.16	0.6	<1	0.32	2.0
N812770		4.84	<0.005	0.22	6.38	22.3	910	2.19	0.06	2.59	0.49	57.9	5.1	12	35.2	2.5
N812771		8.29	<0.005	0.14	6.53	16.5	610	2.19	0.09	2.62	0.43	61.0	5.2	11	36.8	2.9
N812772		6.24	<0.005	0.57	6.57	33.0	1170	2.30	0.15	2.85	0.45	56.2	7.2	16	29.3	8.3
N812773		3.06	0.053	21.6	6.81	221	1340	1.74	1.40	2.20	12.75	49.4	13.1	9	16.35	127.0
N812774		5.26	<0.005	0.18	7.51	11.9	2220	1.46	0.18	2.59	0.18	47.5	12.5	12	8.78	15.1
N812775		7.98	<0.005	0.39	7.39	5.3	2150	1.51	0.08	2.80	5.22	47.2	8.2	13	8.10	6.9
N812776		<0.02	<0.005	0.36	6.98	7.4	2070	1.51	0.08	2.79	4.84	49.3	8.6	12	8.10	8.3
N812777		8.15	<0.005	0.05	6.72	6.2	2040	1.54	0.08	2.80	0.10	48.8	8.3	12	6.69	7.2
N812778		3.25	<0.005	0.37	6.45	7.5	1950	1.53	0.09	2.70	4.51	45.3	8.1	13	9.43	13.6
N812779		2.72	0.098	1.19	7.01	1210	1270	1.58	0.29	2.52	7.79	48.1	22.0	9	15.40	10.1
N812780		2.45	<0.005	0.02	0.09	<5	40	0.10	0.08	22.1	0.09	1.56	1.5	<1	0.22	6.1
N812781		8.44	<0.005	0.06	7.21	4.5	2170	1.55	0.09	2.89	0.11	49.9	8.9	12	6.52	3.4
N812782		7.76	<0.005	0.06	7.33	5.0	2050	1.53	0.08	2.81	0.11	46.3	8.6	12	8.18	4.0
N812783		4.04	0.009	0.26	6.67	28.7	1900	1.45	0.16	2.75	0.82	41.7	8.2	12	8.64	13.5
N812784		6.65	0.020	0.94	6.78	158.5	2150	1.64	0.38	2.56	3.69	43.3	8.3	12	11.10	15.7
N812785		3.03	0.051	2.67	6.60	802	1990	1.63	0.41	2.82	16.05	41.8	8.8	10	10.60	26.1
N812786		4.90	0.007	0.68	7.00	385	2160	1.47	0.52	2.13	2.16	40.0	8.1	12	10.20	11.8
N812787		0.20	4.52	>100	5.35	8460	190	1.23	57.6	1.97	240	32.1	9.9	18	13.40	1280
N812788		5.06	0.006	0.17	6.66	40.9	2000	1.83	0.15	3.36	0.26	41.8	9.0	12	9.33	5.0
N812789		2.75	0.010	2.89	6.15	64.1	1530	1.58	0.11	3.68	11.65	44.1	9.6	14	15.40	19.6
N812790		2.76	<0.005	0.55	6.85	23.8	2060	1.50	0.20	2.63	3.01	39.0	9.3	8	29.1	26.7
N812791		2.74	<0.005	0.36	6.57	21.4	1500	1.42	0.13	2.81	4.86	45.2	6.3	6	23.8	9.3





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 Finalized Date: 3-OCT-2012  
 Account: ROCKHA

Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12224021**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
N812765		4.54	15.45	0.11	0.9	0.929	2.88	23.7	17.0	0.75	2510	1.13	0.08	7.2	3.3	540
N812766		7.77	13.15	0.14	1.1	5.30	2.22	16.1	32.9	0.61	3040	16.10	0.08	5.8	14.9	440
N812767		5.48	13.75	0.09	0.8	1.045	2.66	23.4	11.0	0.70	1420	1.83	0.02	6.1	2.6	450
N812768		8.04	12.90	0.15	0.7	7.28	2.03	19.3	22.4	1.05	2620	5.06	0.03	5.1	2.3	390
N812769		0.50	0.31	0.09	<0.1	<0.005	0.04	0.6	1.2	13.00	232	0.13	0.01	0.2	1.9	180
N812770		2.36	19.75	0.10	2.6	0.033	2.72	28.3	53.7	0.88	867	0.89	0.06	11.8	3.0	850
N812771		2.41	18.70	0.13	2.6	0.027	2.60	30.5	53.3	0.85	908	1.13	0.07	11.5	3.0	850
N812772		2.41	20.7	0.13	3.4	0.037	2.88	27.3	88.5	0.98	839	1.71	0.07	12.2	5.7	1050
N812773		4.19	17.95	0.12	1.2	1.180	3.19	25.3	31.8	0.76	2970	0.84	0.52	8.2	3.0	620
N812774		3.06	16.95	0.11	1.3	0.074	2.55	24.2	14.6	0.86	668	0.97	2.12	8.1	2.9	590
N812775		3.08	17.20	0.11	1.1	0.041	2.54	24.3	15.2	0.90	730	1.14	2.22	8.0	2.9	620
N812776		3.08	17.40	0.13	1.2	0.038	2.54	25.4	15.8	0.90	736	1.21	2.07	8.3	3.1	620
N812777		2.99	16.80	0.12	1.3	0.037	2.48	25.0	17.0	0.88	679	1.28	2.15	8.1	2.9	620
N812778		3.18	17.05	0.12	1.3	0.056	2.66	21.8	11.9	0.78	1180	1.42	1.84	8.4	3.0	580
N812779		5.36	16.45	0.14	1.2	0.488	2.68	25.1	13.1	0.91	4500	1.08	1.14	7.7	2.9	580
N812780		0.50	0.38	0.06	<0.1	<0.005	0.03	0.7	1.1	11.75	230	0.16	0.01	0.4	2.0	210
N812781		3.07	18.80	0.12	1.3	0.042	2.57	25.7	14.7	0.94	757	1.23	2.16	8.5	2.9	610
N812782		3.13	17.55	0.13	1.3	0.058	2.53	23.1	14.3	0.88	758	1.16	2.11	8.5	2.8	620
N812783		3.27	16.60	0.12	1.2	0.184	2.61	20.4	12.3	0.78	1240	0.93	1.81	8.1	2.8	580
N812784		3.55	17.45	0.11	1.3	0.160	2.76	20.6	14.3	0.77	1480	1.06	1.64	8.5	2.9	600
N812785		3.38	16.65	0.11	1.4	0.312	2.65	19.8	12.8	0.75	1170	0.92	1.72	9.0	2.8	580
N812786		3.00	15.35	0.10	1.3	0.094	2.43	20.0	19.3	0.77	680	0.62	1.69	8.4	3.0	600
N812787		8.24	12.90	0.15	1.1	5.18	2.23	15.7	31.5	0.62	3110	16.20	0.08	5.8	14.8	460
N812788		3.36	17.35	0.10	1.3	0.048	2.46	19.4	17.8	0.88	869	1.09	2.03	9.9	3.1	650
N812789		2.98	16.95	0.10	1.4	0.073	2.57	20.3	16.5	0.88	1860	1.44	0.97	9.6	4.3	710
N812790		2.93	17.70	0.11	1.4	0.062	2.42	18.5	21.2	0.64	952	1.00	1.48	8.6	3.6	610
N812791		3.13	16.45	0.13	1.3	0.522	2.40	23.0	23.2	0.82	2440	1.63	0.41	7.8	2.8	550



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Finalized Date: 3-OCT-2012  
Account: ROCKHA

Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12224021**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
N812765		341	141.0	<0.002	3.09	43.4	10.1	2	4.1	147.0	0.62	0.36	11.3	0.237	2.66	4.5
N812766		9550	122.5	<0.002	6.92	217	7.5	3	9.2	117.5	0.44	0.54	7.6	0.182	2.18	4.8
N812767		725	204	<0.002	5.19	29.0	9.2	1	7.7	67.5	0.51	0.20	12.1	0.199	2.52	3.0
N812768		>10000	130.0	<0.002	8.43	370	7.2	4	18.3	125.5	0.39	0.27	8.4	0.160	1.81	3.1
N812769		5.7	2.2	0.003	<0.01	0.22	0.2	1	0.2	51.3	<0.05	0.06	<0.2	<0.005	<0.02	0.5
N812770		28.6	99.6	<0.002	0.03	7.51	6.0	1	1.3	272	0.81	<0.05	8.7	0.251	1.88	4.0
N812771		21.8	92.8	<0.002	0.03	8.16	5.9	1	1.3	271	0.81	<0.05	9.4	0.250	1.81	4.9
N812772		34.1	107.5	<0.002	0.12	12.95	6.8	1	1.6	354	0.81	<0.05	8.1	0.304	2.82	4.1
N812773		625	156.0	<0.002	0.92	36.4	10.9	1	4.6	202	0.56	0.13	13.2	0.259	2.61	4.0
N812774		23.4	99.2	<0.002	0.11	1.59	11.4	1	2.0	416	0.58	<0.05	14.1	0.265	1.18	4.5
N812775		131.5	92.4	<0.002	0.03	1.31	11.0	1	1.8	429	0.56	<0.05	12.2	0.277	1.04	3.6
N812776		127.0	97.4	<0.002	0.03	1.31	11.9	2	1.8	417	0.55	<0.05	13.3	0.279	1.03	4.0
N812777		17.5	94.5	<0.002	0.01	0.67	11.7	2	1.8	416	0.63	<0.05	13.9	0.277	0.96	4.7
N812778		125.5	96.1	<0.002	0.03	2.32	10.7	2	2.1	359	0.63	<0.05	11.9	0.266	1.24	4.0
N812779		265	111.5	<0.002	0.57	21.9	10.7	1	3.8	254	0.57	0.06	13.1	0.252	1.77	4.3
N812780		2.1	1.5	<0.002	0.01	<0.05	0.3	1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
N812781		18.0	103.0	<0.002	0.01	0.83	11.8	2	1.8	410	0.63	<0.05	13.5	0.279	1.02	4.5
N812782		19.1	96.6	<0.002	0.02	1.40	11.5	1	1.9	398	0.65	<0.05	12.4	0.278	1.04	4.6
N812783		49.0	97.7	<0.002	0.11	1.97	10.7	1	2.3	349	0.60	<0.05	10.5	0.268	1.17	3.8
N812784		131.0	106.5	<0.002	0.26	4.87	10.4	1	3.4	345	0.70	<0.05	11.4	0.273	1.36	4.6
N812785		98.6	106.5	<0.002	0.52	6.87	10.4	2	3.1	347	0.85	<0.05	11.2	0.265	1.25	5.1
N812786		84.8	99.5	<0.002	0.20	4.47	10.1	1	2.8	309	0.85	<0.05	11.5	0.268	1.19	4.6
N812787		9920	117.0	0.002	7.16	224	7.3	3	9.2	119.0	0.45	0.52	7.6	0.185	2.17	4.9
N812788		28.7	87.9	<0.002	0.04	2.35	10.9	2	2.1	426	0.93	<0.05	10.4	0.289	1.07	5.5
N812789		765	98.5	<0.002	0.46	9.76	11.8	2	2.5	271	0.91	<0.05	10.7	0.281	1.80	4.8
N812790		139.0	105.0	<0.002	0.14	6.94	10.1	1	2.0	323	0.86	<0.05	13.0	0.262	1.37	6.1
N812791		70.5	96.6	<0.002	0.09	9.98	10.1	1	2.4	205	0.75	<0.05	13.5	0.244	1.54	4.9



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 Finalized Date: 3-OCT-2012  
 Account: ROCKHA

Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12224021**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
N812765		67	4.1	11.8	1700	20.1			
N812766		53	4.5	8.5	>10000	32.9	117		1.620
N812767		58	5.9	7.7	2990	21.1			
N812768		45	4.7	8.2	>10000	19.5	197	2.06	3.36
N812769		2	0.1	0.8	26	<0.5			
N812770		49	1.7	12.9	100	92.0			
N812771		50	1.7	13.5	88	88.8			
N812772		61	1.7	12.9	90	131.0			
N812773		75	2.7	13.9	1160	34.7			
N812774		74	1.0	15.8	61	32.7			
N812775		76	1.0	15.6	375	28.9			
N812776		78	1.0	16.9	356	29.9			
N812777		78	1.1	16.8	54	32.8			
N812778		74	1.2	15.2	292	31.9			
N812779		71	4.7	14.6	628	28.6			
N812780		1	0.1	1.0	19	0.5			
N812781		78	1.3	17.8	56	32.6			
N812782		79	1.1	16.8	58	30.9			
N812783		75	1.1	15.1	125	28.6			
N812784		76	2.3	14.7	349	31.7			
N812785		74	1.4	15.7	1700	32.5			
N812786		72	2.5	13.8	268	29.5			
N812787		54	4.6	8.0	>10000	32.2	119		1.555
N812788		82	2.5	17.9	76	31.4			
N812789		82	3.5	17.5	1200	32.2			
N812790		76	1.8	16.2	351	30.3			
N812791		70	2.8	16.4	370	29.1			



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**CERTIFICATE OF ANALYSIS WH12224021**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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Finalized Date: 1-OCT-2012  
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**CERTIFICATE WH12224022**

Project: Klaza-135

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12224022**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M356993		2.93	0.343	1.88	6.59	1295	1570	1.28	0.57	3.19	7.52	42.8	14.6	7	12.75	10.9
N812792		8.39	<0.005	0.24	7.15	16.0	2110	1.28	0.58	2.53	0.36	41.5	11.5	10	14.00	13.3
M356995		4.02	<0.005	0.13	7.00	7.1	1930	1.18	0.10	2.72	0.24	53.1	7.7	9	12.85	6.7
M356996		3.83	0.005	1.05	6.79	52.5	1010	1.33	0.37	2.79	0.77	43.3	8.8	5	22.8	10.6
M356997		2.62	0.006	0.01	0.15	<5	60	0.05	0.02	20.3	0.07	2.03	1.7	<1	0.42	2.8
M356998		3.84	<0.005	0.46	7.33	14.0	1820	1.39	0.49	2.50	0.31	42.9	8.6	8	22.1	13.0
M356999		4.58	<0.005	0.07	7.33	2.0	2140	1.32	0.13	2.74	0.10	44.3	8.1	11	10.20	6.8
M357000		6.78	<0.005	0.08	7.28	2.5	2130	1.38	0.13	2.64	0.08	47.2	7.5	14	7.98	6.9
N812737		3.87	<0.005	0.07	7.11	2.1	2080	1.28	0.09	2.57	0.09	46.1	7.9	11	8.63	6.5
N812738		0.22	4.56	>100	5.58	8170	390	0.98	56.3	1.94	232	33.4	8.7	15	12.00	1270
N812739		7.46	0.006	0.36	7.08	21.1	1880	1.29	0.36	2.61	0.50	39.1	8.9	9	24.9	17.2
N812740		4.35	<0.005	0.12	7.27	5.3	2090	1.20	0.14	2.42	0.21	41.9	7.7	9	15.25	7.0
N812741		2.96	<0.005	0.15	7.21	8.6	1480	1.33	0.18	2.20	0.36	37.0	8.1	6	22.4	10.6
N812742		2.68	<0.005	0.17	6.41	11.5	1630	1.32	0.17	4.09	0.57	41.2	8.0	8	17.00	8.8
N812743		5.07	<0.005	0.14	7.01	12.2	1910	1.41	0.18	2.81	0.15	38.7	7.7	8	22.7	13.6
N812744		1.61	<0.005	0.11	6.93	9.5	1730	1.35	0.17	2.44	0.12	36.7	7.0	7	23.6	11.9
N812745		8.88	<0.005	0.06	7.55	3.3	2310	1.28	0.15	2.50	0.10	45.9	8.1	8	9.79	6.3
N812746		8.88	<0.005	0.10	7.46	3.2	2250	1.38	0.23	2.80	0.09	45.4	7.4	11	8.24	16.4
N812747		5.50	<0.005	0.06	7.34	2.9	2280	1.34	0.13	2.67	0.08	48.3	7.9	13	7.21	5.6
N812748		2.15	0.059	0.89	6.62	253	1120	1.45	0.25	3.92	3.48	41.2	6.6	7	18.95	15.4
N812749		7.32	<0.005	0.11	7.52	10.8	1890	1.40	0.15	2.78	0.15	42.1	7.5	10	15.15	6.0
N812750		7.81	<0.005	0.09	7.30	5.9	2120	1.35	0.13	2.77	0.07	43.1	8.1	8	12.00	11.0
N812751		<0.02	<0.005	0.10	7.54	5.7	2200	1.31	0.14	2.81	0.09	46.6	8.1	11	12.15	11.9
N812752		5.51	<0.005	0.11	7.46	6.4	2060	1.31	0.12	2.46	0.16	43.7	7.8	7	13.65	6.0
N812753		2.48	0.115	2.36	7.29	10.9	1720	1.26	0.20	1.99	34.1	43.5	5.9	5	15.20	20.2
N812754		7.39	<0.005	1.16	7.47	4.6	1970	1.39	0.14	2.80	0.14	42.9	6.8	9	13.00	18.1
N812755		5.06	<0.005	0.30	7.38	10.0	1890	1.46	0.21	2.38	2.46	44.5	11.2	8	11.95	6.1
N812756		2.86	<0.005	0.35	6.96	16.7	2360	1.52	0.32	2.95	0.25	42.5	6.1	5	19.25	3.0
N812757		2.27	<0.005	0.01	0.07	<5	40	<0.05	0.02	21.0	0.07	1.26	1.7	<1	0.23	1.4
N812758		8.13	<0.005	0.10	7.20	7.1	2030	1.41	0.12	2.80	0.08	44.5	7.9	10	12.70	7.0
N812759		8.76	<0.005	0.10	6.72	6.3	1960	1.34	0.16	3.08	0.12	40.4	7.7	9	12.20	8.1
N812760		7.59	<0.005	0.09	6.88	6.0	2110	1.30	0.17	3.21	0.12	41.8	8.5	8	9.94	5.8
N812761		0.24	4.44	>100	5.44	8280	220	0.90	56.6	1.92	229	31.9	8.5	15	11.95	1265
N812762		4.19	<0.005	0.16	7.24	8.4	2970	1.37	0.18	2.82	0.26	43.8	8.1	8	11.20	6.2
N812763		3.27	0.008	0.30	6.57	46.0	1730	1.23	0.14	4.16	0.43	42.0	7.9	5	21.4	6.9
N812764		2.75	0.022	2.01	7.04	147.0	1240	1.43	0.15	2.62	14.25	42.7	7.4	7	19.75	20.2



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12224022**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M356993		3.99	15.80	0.15	0.8	0.167	2.71	22.3	16.9	1.01	1860	0.54	0.93	6.6	2.8	550
N812792		3.21	17.55	0.14	0.9	0.065	2.80	20.6	21.7	0.74	660	0.61	1.53	7.6	3.1	610
M356995		2.90	17.20	0.15	1.0	0.037	2.67	26.8	19.4	0.67	860	0.45	1.35	7.2	2.9	580
M356996		2.93	16.80	0.12	0.8	0.069	2.32	22.8	90.6	0.87	1900	0.44	0.07	6.9	2.9	570
M356997		0.50	0.37	<0.05	<0.1	<0.005	0.05	1.1	1.5	12.35	226	0.17	0.01	0.4	3.6	180
M356998		3.33	18.15	0.12	1.0	0.061	2.74	20.9	32.6	0.76	901	0.41	0.77	7.5	2.7	630
M356999		3.09	17.90	0.13	1.1	0.040	2.57	21.4	14.8	0.90	666	0.52	2.20	7.8	3.0	640
M357000		2.98	17.50	0.12	1.1	0.048	2.55	23.3	14.2	0.84	658	0.74	2.14	7.6	3.1	610
N812737		2.87	17.40	0.14	1.2	0.035	2.49	22.5	13.2	0.79	627	0.82	2.15	7.5	3.0	600
N812738		8.03	13.95	0.24	1.0	4.82	2.28	17.2	27.2	0.63	3160	15.00	0.09	5.5	13.0	470
N812739		2.98	17.40	0.11	1.1	0.062	2.62	18.8	55.7	0.73	738	0.59	0.68	7.4	3.2	620
N812740		3.05	17.70	0.13	1.1	0.053	2.64	20.4	41.4	0.73	832	0.80	0.69	7.5	2.9	610
N812741		2.90	18.25	0.13	1.0	0.053	2.75	17.7	52.1	0.69	966	0.60	0.10	7.7	2.7	620
N812742		3.23	16.25	0.15	1.0	0.048	2.53	19.9	53.0	1.12	1280	0.72	1.10	7.3	3.1	580
N812743		2.93	17.55	0.11	1.0	0.045	2.58	18.6	39.1	0.76	721	0.77	1.09	7.4	3.0	630
N812744		2.83	17.10	0.13	1.0	0.044	2.56	17.8	43.3	0.68	634	0.85	0.99	7.3	2.8	580
N812745		3.11	18.25	0.14	1.1	0.045	2.64	22.4	20.7	0.77	711	0.92	1.57	7.8	2.9	640
N812746		3.06	17.80	0.13	1.0	0.057	2.59	22.3	12.5	0.85	680	0.73	2.11	8.1	2.9	620
N812747		2.98	17.50	0.13	1.1	0.048	2.60	23.9	11.3	0.83	658	0.52	2.14	7.7	2.8	610
N812748		3.17	16.25	0.13	1.0	0.092	2.71	20.3	17.9	1.28	1970	0.78	0.67	7.2	3.1	680
N812749		3.05	17.95	0.13	1.0	0.050	2.37	20.7	15.9	0.79	712	0.38	2.03	7.7	3.1	630
N812750		2.93	17.50	0.14	1.0	0.053	2.57	21.1	13.6	0.77	654	0.46	2.04	7.5	3.0	620
N812751		2.92	17.50	0.13	1.0	0.054	2.70	23.0	13.8	0.79	658	0.46	2.07	7.6	3.0	640
N812752		3.07	17.80	0.13	1.0	0.041	2.49	21.1	24.5	0.79	642	0.53	1.55	7.8	2.8	630
N812753		2.68	17.10	0.14	0.9	0.079	2.52	22.3	35.5	0.76	864	0.65	0.33	6.6	2.4	580
N812754		3.10	17.70	0.13	1.0	0.049	2.51	20.8	15.2	0.81	685	0.54	1.94	7.6	3.0	650
N812755		3.29	18.00	0.14	1.0	0.164	2.65	21.7	27.2	0.82	948	0.44	1.28	7.6	2.7	610
N812756		3.50	17.15	0.15	0.9	0.227	2.22	20.9	37.8	0.87	1270	0.19	1.17	7.4	2.9	600
N812757		0.49	0.20	<0.05	<0.1	<0.005	0.02	0.6	1.0	12.80	222	0.11	0.01	0.3	3.5	190
N812758		3.09	17.40	0.14	1.0	0.036	2.50	21.0	18.8	0.81	700	0.71	1.74	7.4	2.8	610
N812759		2.72	16.80	0.12	1.0	0.035	2.41	19.1	16.4	0.86	749	1.19	1.85	7.3	4.4	600
N812760		2.96	17.00	0.13	1.0	0.041	2.46	19.9	15.6	0.79	864	0.96	1.89	7.4	3.1	610
N812761		8.03	13.80	0.24	1.0	4.83	2.27	16.0	27.9	0.62	3130	15.45	0.08	5.4	12.5	470
N812762		3.08	17.50	0.12	0.9	0.039	2.55	21.1	14.6	0.83	765	0.86	2.01	7.5	2.8	640
N812763		2.77	16.55	0.12	1.0	0.051	2.62	22.0	67.3	0.79	1050	1.07	0.70	7.4	2.9	590
N812764		3.21	17.20	0.13	1.1	0.130	3.12	22.1	40.9	0.78	2050	1.03	0.49	7.9	2.8	610



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Finalized Date: 1-OCT-2012  
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Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12224022**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M356993		288	118.5	<0.002	1.34	17.35	9.9	1	2.9	256	0.49	0.11	11.1	0.244	3.8
N812792		26.5	107.0	<0.002	0.19	5.34	10.7	1	2.1	351	0.58	<0.05	11.1	0.266	3.0
M356995		29.7	86.8	<0.002	0.02	4.80	10.0	1	1.8	333	0.56	<0.05	13.3	0.255	2.8
M356996		117.0	88.2	<0.002	0.25	14.60	10.4	1	2.1	203	0.51	<0.05	11.0	0.247	2.4
M356997		1.9	2.7	<0.002	<0.01	0.11	0.3	1	<0.2	54.5	<0.05	<0.05	0.3	0.005	0.5
M356998		47.3	96.6	<0.002	0.18	8.83	10.8	1	2.0	280	0.60	<0.05	11.8	0.276	2.9
M356999		17.6	93.8	<0.002	<0.01	1.10	11.2	1	1.7	415	0.60	<0.05	13.0	0.276	3.3
M357000		16.8	93.1	<0.002	0.01	0.96	10.9	1	1.7	405	0.62	<0.05	14.1	0.262	3.9
N812737		16.9	90.5	<0.002	0.01	0.82	10.7	1	1.6	396	0.60	<0.05	14.4	0.254	3.7
N812738		9910	134.5	<0.002	7.23	233	6.8	2	9.1	124.0	0.45	0.48	8.9	0.189	5.1
N812739		36.2	90.1	<0.002	0.11	10.45	10.6	1	1.8	249	0.58	<0.05	12.8	0.266	2.9
N812740		24.1	91.3	<0.002	0.03	9.46	10.4	1	2.0	231	0.60	<0.05	12.6	0.264	4.4
N812741		20.3	87.2	<0.002	0.07	12.80	10.4	1	2.5	157.0	0.59	<0.05	11.3	0.273	2.2
N812742		39.0	82.6	<0.002	0.08	6.06	10.3	1	1.9	317	0.60	<0.05	10.9	0.254	3.7
N812743		16.6	85.0	<0.002	0.07	9.19	9.8	1	1.9	309	0.65	<0.05	10.9	0.268	3.0
N812744		14.9	88.5	<0.002	0.06	8.36	9.6	1	2.1	284	0.65	<0.05	11.3	0.255	3.0
N812745		18.1	94.0	<0.002	0.01	4.83	11.1	1	1.9	333	0.62	<0.05	13.1	0.278	3.1
N812746		18.2	94.9	<0.002	0.02	1.74	11.0	1	2.2	402	0.77	<0.05	11.8	0.266	3.9
N812747		19.3	90.1	<0.002	0.02	1.45	10.8	1	1.8	407	0.71	<0.05	13.2	0.263	4.1
N812748		141.0	110.5	<0.002	0.36	12.60	10.4	1	2.0	238	0.60	<0.05	11.0	0.253	4.3
N812749		19.5	90.9	<0.002	0.05	4.49	10.8	1	1.8	414	0.64	<0.05	12.8	0.272	3.6
N812750		17.7	94.7	<0.002	0.03	3.11	10.9	1	1.8	401	0.60	<0.05	12.8	0.268	3.3
N812751		18.4	99.7	<0.002	0.03	3.19	11.4	1	1.8	411	0.62	<0.05	13.1	0.271	3.8
N812752		20.1	82.8	<0.002	0.01	8.36	11.0	1	1.8	387	0.67	<0.05	12.6	0.271	3.6
N812753		193.0	94.6	<0.002	0.20	19.20	10.5	1	2.7	167.0	0.59	<0.05	12.3	0.245	3.9
N812754		36.9	85.7	<0.002	0.01	4.09	10.9	1	1.7	415	0.66	<0.05	14.1	0.273	3.8
N812755		111.0	103.0	<0.002	0.13	5.57	11.1	1	2.1	284	0.63	<0.05	13.2	0.272	3.1
N812756		23.2	84.5	<0.002	0.13	11.80	9.9	1	3.0	203	0.59	<0.05	12.2	0.260	3.6
N812757		1.5	1.5	<0.002	<0.01	0.05	0.2	1	<0.2	50.4	<0.05	<0.05	<0.2	<0.005	0.6
N812758		16.8	83.6	<0.002	0.04	3.40	10.2	1	1.7	381	0.63	<0.05	12.6	0.263	3.6
N812759		19.1	79.3	<0.002	0.04	1.98	9.9	1	1.7	376	0.61	<0.05	11.3	0.258	3.2
N812760		18.2	81.5	<0.002	0.05	2.62	10.3	1	1.7	419	0.61	<0.05	12.2	0.265	3.7
N812761		9840	127.0	<0.002	7.16	230	6.6	1	9.2	122.0	0.46	0.48	8.5	0.188	5.2
N812762		25.4	88.4	<0.002	0.03	2.31	10.7	1	1.8	455	0.61	<0.05	13.1	0.276	3.7
N812763		23.3	90.0	<0.002	0.15	6.73	9.4	1	1.8	347	0.65	<0.05	11.6	0.256	3.9
N812764		567	135.5	<0.002	0.55	10.70	11.1	1	2.1	238	0.70	<0.05	13.0	0.267	5.0





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 Finalized Date: 1-OCT-2012  
 Account: ROCKHA

Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12224022**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
M356993		69	2.7	13.6	640	19.5		
N812792		76	1.3	14.7	72	22.5		
M356995		73	3.3	15.3	60	23.4		
M356996		72	3.3	14.8	104	20.3		
M356997		3	0.1	1.1	17	0.5		
M356998		81	1.5	15.4	64	23.8		
M356999		81	0.5	16.8	50	24.4		
M357000		75	0.6	16.9	47	25.6		
N812737		72	0.7	16.3	47	27.0		
N812738		54	4.6	9.3	>10000	29.5	118	1.640
N812739		78	2.4	15.5	86	26.0		
N812740		77	3.0	15.6	61	24.7		
N812741		78	4.6	14.0	83	24.6		
N812742		76	3.0	16.7	96	23.8		
N812743		77	2.1	14.4	54	23.6		
N812744		72	1.7	13.6	49	23.3		
N812745		78	2.6	16.8	53	25.2		
N812746		76	1.2	17.3	49	22.3		
N812747		76	1.0	16.6	47	23.1		
N812748		78	2.6	16.7	278	21.4		
N812749		77	1.8	15.5	53	22.3		
N812750		79	1.2	15.6	48	22.2		
N812751		80	1.2	16.5	48	23.9		
N812752		79	6.7	15.9	57	23.2		
N812753		71	4.2	14.5	2160	19.3		
N812754		78	2.1	15.8	51	21.9		
N812755		79	1.8	14.6	179	21.7		
N812756		74	2.2	14.8	69	19.9		
N812757		2	0.1	0.9	17	<0.5		
N812758		76	1.2	15.2	50	21.9		
N812759		75	0.7	15.1	53	21.7		
N812760		78	1.8	15.5	52	22.3		
N812761		53	4.5	8.9	>10000	29.2	119	1.645
N812762		80	0.9	15.8	66	21.4		
N812763		73	2.1	16.3	70	22.8		
N812764		77	3.2	15.4	1030	24.7		



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Project: Klaza-135

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**CERTIFICATE OF ANALYSIS WH12224022**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12225368**

Project: Klaza-117

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12206339\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza-117

**CERTIFICATE OF ANALYSIS WH12225368**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
M357119		0.03	7.27	0.9	1280	1.42	0.09	2.47	0.07	44.2	6.7	9	12.65	2.8	2.58	15.45
M357120		0.05	7.01	2.7	1230	1.21	0.11	2.56	0.06	37.0	6.0	9	13.20	5.1	2.50	14.30
M357121		0.09	6.63	6.9	1030	1.11	0.09	2.67	0.11	35.4	6.0	8	17.80	4.2	2.39	13.95
M357122		0.06	6.80	6.0	920	1.07	0.11	2.37	0.18	37.9	5.4	8	18.90	4.6	2.18	13.65
M357123		0.25	6.73	14.8	590	0.97	0.25	2.00	0.33	41.1	5.4	7	15.55	9.0	1.90	12.35
M357124		0.26	6.99	16.5	610	1.09	0.26	2.07	0.34	45.0	6.0	9	17.15	10.3	2.03	13.90
M357125		0.28	6.77	9.2	940	1.25	0.39	2.61	0.39	36.9	6.0	10	17.10	16.2	2.44	14.05
M357126		0.26	6.72	13.5	510	1.06	0.16	3.35	0.26	44.9	5.8	10	17.15	7.1	2.29	13.55
M357127		0.11	6.75	10.1	740	1.19	0.18	2.50	0.23	39.3	5.7	8	18.15	9.3	2.19	13.40
M357128		0.77	6.73	42.1	920	1.20	0.55	2.37	9.75	38.0	5.6	8	16.30	47.6	2.09	13.90
M357129		0.19	6.85	8.6	1550	1.36	0.33	2.70	0.37	37.8	5.7	9	14.20	23.8	2.39	14.10
M357130		9.43	6.53	1540	1230	1.31	6.27	1.84	43.2	42.9	14.8	19	15.60	102.0	5.06	14.30
M357131		1.14	6.82	45.9	800	1.14	0.27	2.48	1.37	48.4	5.0	7	16.55	20.8	2.48	13.40
M357132		1.11	4.20	63.3	3040	0.93	0.25	6.05	4.34	30.5	3.7	4	12.95	5.7	3.55	8.63
M357133		1.50	4.56	130.0	1710	0.98	0.11	4.35	7.64	34.1	4.2	5	12.85	8.8	2.78	9.24
M357134		0.70	6.68	17.8	650	0.99	0.06	2.67	0.39	43.3	6.0	8	17.65	12.2	1.98	13.00
M357135		0.55	6.94	14.5	5480	1.08	0.06	3.52	0.45	45.0	5.5	8	14.50	21.4	2.40	12.60
M357136		0.14	6.94	10.0	1180	1.14	0.09	2.45	0.17	41.3	5.2	9	16.75	10.2	2.29	14.10
M357137		0.18	7.01	10.8	990	1.14	0.09	2.43	0.14	41.7	5.0	8	17.10	11.7	2.30	14.20
M357138		0.57	6.28	18.7	7120	1.00	0.10	3.06	0.61	41.8	4.6	7	17.95	9.9	2.13	11.65
M357139		0.34	6.43	17.2	1370	1.27	0.26	2.81	0.37	43.6	5.3	7	20.4	6.8	2.01	12.60
M357140		0.41	6.99	19.9	560	1.42	0.53	2.41	0.18	47.7	5.9	8	21.3	11.0	2.26	14.20
M357141		0.22	7.12	4.3	1730	1.40	0.58	1.60	0.17	42.8	6.2	8	15.30	11.0	2.37	14.65
M357142		1.78	7.91	10.1	1130	1.77	15.70	6.59	0.42	45.8	9.8	6	27.9	2.4	4.95	26.8
M357143		0.02	0.11	<5	40	0.08	0.05	20.5	0.05	1.54	0.7	<1	0.34	1.4	0.47	0.36
M357144		0.25	6.89	8.6	710	1.53	0.94	2.51	0.44	45.5	5.6	8	20.7	10.8	2.32	13.75
M357145		0.18	7.00	12.8	1210	1.57	0.09	2.47	0.42	42.8	6.3	9	15.75	15.9	2.42	14.90
M357146		38.0	5.98	6060	470	1.38	0.88	2.39	93.0	42.8	5.5	6	16.70	682	5.38	12.35
M357147		0.10	0.05	<5	50	0.06	0.02	21.2	0.18	1.17	0.7	<1	0.17	2.7	0.47	0.20
M357148		0.36	6.56	22.2	840	1.49	0.20	2.29	1.18	40.9	5.1	7	19.00	10.8	2.17	13.55
M357149		1.17	6.44	17.5	770	1.62	0.45	2.86	0.58	39.0	6.4	8	22.1	25.1	2.48	14.05
M357150		0.53	6.26	23.3	480	1.50	0.27	3.23	0.50	42.2	6.7	6	38.1	24.6	2.14	13.45
M357151		0.16	6.56	9.9	1930	1.61	0.25	2.99	0.24	38.4	6.9	6	22.4	17.3	2.35	14.30
M357152		10.50	6.88	1635	1310	1.73	6.35	1.93	44.3	46.5	17.9	20	17.25	115.5	5.29	15.45
M357153		0.13	7.29	4.6	1880	1.74	0.15	2.27	0.15	52.8	5.1	9	14.60	10.3	2.11	14.70
M357154		0.11	7.05	3.2	1800	1.92	0.20	2.55	0.18	44.6	4.9	11	14.45	9.6	2.01	14.60

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12206339\*\*

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Finalized Date: 27-SEP-2012  
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Project: Klaza-117

**CERTIFICATE OF ANALYSIS WH12225368**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5	ppm 0.1
M357119		0.10	0.9	0.023	2.48	22.9	15.9	0.67	544	0.35	2.08	9.4	3.5	440	13.3	90.4
M357120		0.09	0.9	0.022	2.45	19.3	21.0	0.68	571	0.35	2.04	9.0	3.2	430	12.5	86.1
M357121		0.11	0.9	0.020	2.31	18.0	49.8	0.71	601	0.32	0.98	8.1	3.2	410	12.4	79.2
M357122		0.09	0.8	0.023	2.15	20.1	64.1	0.66	535	0.31	0.75	8.0	2.8	410	14.3	78.3
M357123		0.08	0.9	0.027	2.10	22.6	77.9	0.69	647	183.0	0.11	7.7	2.9	380	24.7	79.9
M357124		0.11	0.9	0.030	2.17	24.8	87.2	0.70	680	182.0	0.11	8.7	3.5	390	27.1	86.1
M357125		0.09	1.0	0.035	2.39	19.0	32.0	0.74	702	14.55	0.97	8.6	3.4	410	33.2	80.3
M357126		0.09	0.9	0.024	2.33	24.5	53.8	0.94	830	64.1	0.04	8.2	3.2	390	18.5	79.9
M357127		0.11	0.9	0.032	2.41	20.7	37.6	0.79	751	50.6	0.13	8.2	2.8	390	17.5	93.7
M357128		0.09	1.0	0.119	2.58	19.9	30.7	0.70	1210	3.94	0.14	8.5	2.8	400	306	102.5
M357129		0.10	1.0	0.046	1.79	19.3	76.7	0.79	774	7.02	0.62	8.8	3.2	410	29.3	65.0
M357130		0.15	1.3	0.957	2.81	22.1	24.1	0.68	2000	11.95	0.26	7.5	13.8	510	1365	154.5
M357131		0.09	0.9	0.149	2.04	27.3	65.5	0.90	1820	5.33	0.04	8.0	2.8	370	156.5	99.9
M357132		0.10	0.6	0.154	1.85	17.4	15.8	2.23	4580	8.43	0.02	4.8	2.8	220	259	109.0
M357133		0.11	0.6	0.062	2.07	19.7	24.3	1.51	3100	6.76	0.03	5.0	2.7	240	866	135.0
M357134		0.09	0.8	0.019	2.34	24.6	211	0.91	1030	3.56	0.04	7.8	3.2	380	15.8	94.9
M357135		0.10	0.8	0.020	1.53	25.4	138.5	1.17	1140	7.64	0.14	7.9	3.0	420	22.9	73.3
M357136		0.10	0.9	0.021	2.24	21.5	93.3	0.75	694	0.56	0.30	8.8	2.9	430	30.5	78.6
M357137		0.09	0.9	0.019	2.33	21.9	80.4	0.77	738	0.51	0.29	8.7	2.9	420	14.0	87.5
M357138		0.09	0.8	0.029	2.08	23.5	148.5	1.04	1140	5.07	0.03	7.6	2.8	350	65.8	92.7
M357139		0.11	0.7	0.017	2.38	25.8	129.0	1.00	973	1.25	0.04	7.6	2.8	350	25.1	122.0
M357140		0.12	0.9	0.025	2.74	26.6	114.0	0.92	954	3.32	0.04	8.7	3.3	380	16.1	147.0
M357141		0.09	0.8	0.032	2.23	23.1	58.7	0.69	753	1.04	0.57	8.6	3.3	430	16.8	102.5
M357142		0.12	1.1	0.963	3.88	21.6	25.9	0.79	2500	0.26	0.18	10.5	4.3	590	23.7	135.0
M357143		0.11	<0.1	0.009	0.04	0.7	1.6	12.50	209	0.12	0.02	0.3	1.9	200	1.5	2.6
M357144		0.19	0.9	0.067	3.03	25.0	29.0	0.86	992	3.87	0.06	8.9	2.8	370	10.0	160.0
M357145		0.16	0.9	0.030	2.62	21.6	31.7	0.66	610	1.01	1.42	9.1	3.6	420	38.0	105.5
M357146		0.11	0.8	1.450	2.47	24.1	24.6	0.65	2010	2.75	0.24	7.6	2.7	310	7850	153.5
M357147		0.14	<0.1	<0.005	0.02	0.5	1.2	13.00	209	0.14	0.01	0.1	1.7	170	11.3	1.2
M357148		0.17	0.9	0.045	2.33	20.9	46.1	0.57	987	0.93	0.63	8.4	2.9	360	82.5	99.7
M357149		0.15	0.8	0.061	2.79	20.4	27.8	0.79	1970	17.65	0.41	8.6	2.8	370	82.1	121.5
M357150		0.15	0.9	0.033	2.82	22.4	22.1	0.83	1510	107.0	0.05	7.7	2.8	370	53.0	162.0
M357151		0.14	1.0	0.026	2.98	18.6	15.5	0.69	921	1.65	0.74	7.4	2.6	510	15.5	136.5
M357152		0.11	1.2	0.921	2.98	22.7	26.0	0.72	2030	13.50	0.28	8.0	16.8	530	1430	174.5
M357153		0.14	1.4	0.026	3.04	26.3	19.1	0.52	526	1.94	2.01	8.0	2.1	430	22.5	132.0
M357154		0.15	1.3	0.027	3.02	23.3	12.0	0.49	600	3.52	1.85	7.8	2.0	390	20.2	136.0

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12206339\*\*

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Project: Klaza-117

**CERTIFICATE OF ANALYSIS WH12225368**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
M357119		<0.002	0.01	1.58	8.9	1	1.1	338	0.91	<0.05	15.2	0.246	0.67	2.5	71	1.6
M357120		<0.002	0.04	4.39	8.0	1	1.0	329	0.91	<0.05	13.6	0.234	0.67	2.6	67	1.2
M357121		<0.002	0.07	4.96	7.5	1	1.0	242	0.85	<0.05	14.0	0.228	0.77	3.0	66	2.9
M357122		<0.002	0.07	5.77	7.5	1	1.0	216	0.80	<0.05	14.2	0.226	0.71	3.1	65	2.1
M357123		0.050	0.30	12.80	7.2	1	1.0	118.5	0.84	0.06	16.0	0.207	1.07	4.4	58	6.1
M357124		0.045	0.30	13.70	7.9	1	1.1	128.5	0.92	0.05	17.8	0.217	1.14	4.9	61	6.8
M357125		0.004	0.56	7.76	7.4	1	1.2	244	0.89	0.08	14.2	0.231	1.02	3.6	67	4.0
M357126		0.014	0.24	10.95	7.8	1	1.1	164.0	0.81	<0.05	14.9	0.221	1.39	3.9	63	5.5
M357127		0.017	0.21	17.70	7.3	1	1.1	117.0	0.88	<0.05	14.7	0.216	1.37	4.7	62	4.3
M357128		<0.002	0.26	18.85	7.3	1	1.4	111.5	0.94	0.05	14.9	0.214	1.58	5.2	62	4.5
M357129		0.002	0.24	13.10	7.6	1	1.2	203	0.95	<0.05	14.6	0.225	0.95	4.0	65	5.3
M357130		<0.002	3.05	35.2	8.0	1	5.9	150.5	0.65	0.36	12.5	0.209	2.46	5.3	57	5.8
M357131		<0.002	0.25	17.05	7.4	1	1.3	103.0	0.84	<0.05	17.4	0.205	1.32	5.7	59	5.3
M357132		0.002	0.35	15.35	4.9	1	0.9	115.5	0.46	<0.05	10.7	0.126	1.29	4.2	42	3.9
M357133		<0.002	0.55	20.2	5.2	1	0.8	165.5	0.55	<0.05	11.4	0.136	1.64	8.7	45	3.9
M357134		<0.002	0.29	31.7	7.3	1	1.0	140.0	0.84	<0.05	15.7	0.206	1.33	7.4	58	12.4
M357135		0.002	0.29	17.80	7.2	1	1.0	252	0.79	<0.05	16.2	0.218	0.91	4.5	60	10.1
M357136		<0.002	0.12	18.50	7.8	1	1.2	176.0	0.91	<0.05	15.5	0.229	1.28	4.2	66	7.1
M357137		<0.002	0.12	17.75	8.1	1	1.2	164.0	0.94	<0.05	16.0	0.226	1.35	4.7	66	6.6
M357138		0.002	0.39	10.20	6.8	1	0.9	176.5	0.87	<0.05	16.5	0.191	1.32	5.3	53	12.1
M357139		<0.002	0.24	14.60	7.4	1	0.9	141.0	0.64	<0.05	15.1	0.194	1.77	5.6	55	7.2
M357140		<0.002	0.19	6.85	8.4	1	1.1	112.0	0.77	<0.05	15.6	0.210	2.14	4.7	61	6.2
M357141		<0.002	0.10	7.46	8.6	1	1.2	137.0	0.71	<0.05	14.7	0.236	1.31	2.8	67	3.3
M357142		<0.002	0.34	8.48	9.3	1	26.5	258	0.92	<0.05	15.4	0.293	3.26	17.4	127	4.9
M357143		<0.002	0.01	0.07	0.2	1	0.2	51.6	<0.05	<0.05	0.2	<0.005	<0.02	0.6	3	0.1
M357144		0.002	0.08	9.78	7.9	1	1.4	92.5	0.77	<0.05	16.5	0.202	2.31	4.2	56	3.4
M357145		<0.002	0.04	5.58	8.7	1	1.3	271	0.72	<0.05	12.9	0.231	1.13	2.8	66	2.4
M357146		<0.002	3.97	111.5	7.3	1	1.5	126.5	0.64	<0.05	14.5	0.172	1.73	4.4	50	3.8
M357147		<0.002	<0.01	0.21	0.2	<1	<0.2	52.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
M357148		<0.002	0.16	6.95	7.5	1	1.0	199.0	0.78	<0.05	14.1	0.202	1.37	4.6	57	3.6
M357149		0.002	0.16	12.05	7.5	1	1.4	164.0	0.72	<0.05	13.5	0.201	1.89	3.7	57	11.3
M357150		0.012	0.18	17.15	7.5	1	1.2	121.5	0.60	<0.05	14.9	0.187	2.22	4.0	52	15.3
M357151		<0.002	0.07	12.65	8.3	1	1.3	180.5	0.60	<0.05	11.5	0.215	1.90	3.5	57	2.8
M357152		0.003	3.20	36.4	9.8	1	6.4	158.5	0.60	0.25	12.2	0.220	2.70	5.4	60	5.7
M357153		<0.002	0.02	5.36	7.4	1	1.3	319	0.78	<0.05	16.9	0.184	1.19	5.0	47	2.8
M357154		<0.002	0.03	6.03	7.1	<1	1.2	306	0.76	<0.05	16.8	0.171	1.33	3.9	44	1.6

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12206339\*\*

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 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 27-SEP-2012  
 Account: ROCKHA

Project: Klaza-117

**CERTIFICATE OF ANALYSIS WH12225368**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M357119		13.4	39	23.9
M357120		11.9	37	22.8
M357121		11.6	40	22.5
M357122		11.4	40	22.2
M357123		11.2	53	22.7
M357124		12.6	57	26.6
M357125		11.0	75	27.2
M357126		12.3	65	26.1
M357127		10.9	61	25.5
M357128		11.5	1060	28.7
M357129		11.7	81	29.2
M357130		12.2	3040	40.3
M357131		12.5	136	25.4
M357132		10.8	355	16.4
M357133		10.6	733	16.8
M357134		11.4	52	22.6
M357135		13.3	84	22.9
M357136		11.2	52	26.4
M357137		11.6	48	25.3
M357138		12.2	83	21.9
M357139		10.4	63	24.5
M357140		11.4	47	27.2
M357141		10.7	47	27.9
M357142		14.8	119	34.9
M357143		1.0	13	<0.5
M357144		11.8	68	27.0
M357145		10.7	74	28.9
M357146		9.7	9390	25.4
M357147		0.8	21	<0.5
M357148		10.1	135	26.6
M357149		10.2	72	26.9
M357150		11.4	57	31.7
M357151		11.3	65	33.2
M357152		12.1	3170	43.0
M357153		13.1	37	47.3
M357154		12.8	36	40.9

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12206339\*\*

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Project: Klaza-117

Page: Appendix 1  
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**CERTIFICATE OF ANALYSIS WH12225368**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)





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Page: 1  
Finalized Date: 1-OCT-2012  
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Account: ROCKHA

**CERTIFICATE WH12225369**

Project: Klaza-119

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24-SEP-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12203759\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages  
Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza-119

**CERTIFICATE OF ANALYSIS WH12225369**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
M359342		0.13	7.60	7.0	2190	1.81	0.08	2.69	0.13	53.8	9.0	12	8.70	8.6	3.16	17.25
M359343		0.11	7.73	8.2	2390	1.64	0.08	2.71	0.11	56.0	8.2	13	5.12	7.4	3.01	17.30
M359344		0.08	7.43	5.3	2190	1.68	0.07	2.42	0.09	47.7	7.1	12	6.80	5.7	2.74	15.65
M359345		0.08	7.75	7.3	2140	1.87	0.09	2.71	0.09	47.4	7.2	12	9.15	5.0	2.73	16.15
M359346		0.09	7.22	4.2	2100	1.78	0.08	2.50	0.09	45.3	7.2	13	8.41	6.4	2.74	15.45
M359347		0.09	7.32	4.3	2010	1.76	0.10	2.70	0.09	47.4	7.0	11	7.91	5.0	2.63	15.60
M359348		0.09	7.57	3.0	2160	1.77	0.08	2.64	0.08	51.2	7.4	15	5.19	5.2	2.76	16.65
M359349		0.07	7.69	8.1	2210	1.75	0.07	2.66	0.09	53.1	7.5	12	6.14	5.3	2.80	16.60
M359350		0.10	7.42	7.1	2140	1.85	0.07	2.59	0.07	49.2	7.2	12	6.00	5.1	2.70	16.25
M359351		0.09	7.60	5.4	2190	1.73	0.09	2.49	0.08	49.9	6.9	13	5.46	5.2	2.66	15.60
M359352		10.30	6.71	1620	1210	1.65	6.12	1.90	43.1	44.9	17.4	20	16.75	111.0	5.20	14.85
M359353		0.12	7.27	6.6	2190	1.72	0.09	2.54	0.13	48.8	7.4	13	8.45	5.8	2.81	15.45
M359354		0.14	5.87	5.0	1030	1.65	0.07	3.61	0.10	38.7	7.5	9	15.10	4.9	2.70	14.20
M359355		0.07	6.18	4.6	1000	1.59	0.09	3.29	0.08	38.0	7.1	10	14.40	3.9	2.60	14.20
M359356		0.02	0.06	<5	20	0.05	0.03	20.4	0.05	0.99	0.7	<1	0.19	1.5	0.46	0.19
M359357		0.15	7.25	3.5	2010	2.07	0.23	2.54	0.11	47.2	7.9	11	8.94	8.6	2.90	16.05
M359358		0.09	7.16	3.7	2170	1.65	0.10	2.60	0.09	45.0	7.8	13	10.70	5.2	2.87	15.75
M359359		0.09	6.91	3.6	2140	1.74	0.09	2.41	0.09	41.3	7.8	13	9.03	6.2	2.77	15.65
M359360		0.08	7.37	4.8	2210	1.68	0.10	2.39	0.07	46.9	7.4	12	8.76	5.6	2.81	15.50
M359361		0.09	7.42	5.9	2180	1.87	0.08	2.45	0.09	48.9	7.7	13	8.14	5.7	2.87	16.70
M359362		0.09	7.78	6.6	2180	1.54	0.10	2.51	0.08	50.7	8.4	10	8.63	10.3	3.13	17.50
M359363		0.10	7.67	4.7	2220	1.58	0.11	2.55	0.10	45.4	8.1	11	8.34	7.0	3.05	16.80
M359364		0.09	6.89	7.6	1440	2.47	0.34	1.80	0.07	46.9	4.6	11	9.49	3.7	1.94	15.55
M359365		0.07	6.57	5.4	2050	1.79	0.12	2.53	0.09	44.2	7.2	12	8.97	7.0	2.71	16.60
M359366		0.06	7.55	4.9	2360	1.62	0.10	2.70	0.10	46.2	7.6	12	7.17	6.5	2.99	16.75
M359367		0.04	6.79	4.9	1600	1.57	0.09	2.83	0.07	48.1	7.2	10	8.07	4.8	2.79	16.25
M359368		0.08	7.73	6.4	2460	1.68	0.07	2.65	0.10	47.7	8.5	12	7.29	8.1	3.21	17.30
M359369		0.06	7.55	5.9	2220	1.58	0.08	2.76	0.09	47.7	7.5	11	5.94	5.4	2.99	16.25
M359370		0.08	7.75	7.2	2510	1.58	0.06	2.83	0.11	48.6	8.0	13	6.19	5.8	3.20	17.45
M359371		<0.01	0.10	<5	30	0.08	0.03	21.0	0.06	1.36	0.7	<1	0.46	3.8	0.50	0.30
M359372		0.05	7.21	4.0	1230	1.42	0.08	3.23	0.08	51.5	7.5	9	7.54	5.1	2.94	16.20
M359373		0.10	7.69	5.3	2260	1.61	0.11	2.69	0.09	46.8	7.5	11	6.14	5.4	2.95	16.90
M359374		9.72	6.81	1850	770	1.33	6.51	2.01	42.7	49.8	16.6	20	17.30	117.0	5.42	14.50
M359375		0.12	7.73	10.2	2280	1.65	0.12	2.69	0.18	54.1	7.8	11	6.36	10.0	3.02	17.00
M359376		0.07	7.00	4.1	2410	1.55	0.07	2.75	0.10	46.6	7.8	19	5.60	5.7	2.92	16.80
M359377		0.08	7.78	6.5	2360	1.64	0.08	2.82	0.10	51.9	7.8	12	4.08	5.8	3.05	17.35

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12203759\*\*

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Plus Appendix Pages  
Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza-119

**CERTIFICATE OF ANALYSIS WH12225369**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5
M359342		0.13	1.3	0.058	2.62	27.5	21.6	0.88	801	0.91	2.27	9.0	3.4	680	19.3
M359343		0.14	1.2	0.047	2.64	27.8	21.5	0.86	711	0.72	2.54	8.7	3.0	650	20.2
M359344		0.13	1.3	0.034	2.66	23.3	21.9	0.80	658	1.13	2.39	8.0	2.7	580	20.2
M359345		0.12	1.5	0.040	2.83	23.3	17.3	0.68	658	0.64	2.28	8.7	2.7	600	20.6
M359346		0.12	1.4	0.034	2.68	21.9	20.6	0.77	644	0.63	2.29	8.2	2.7	570	19.7
M359347		0.14	1.6	0.046	2.76	23.1	16.9	0.72	752	0.60	2.07	8.1	2.5	570	19.1
M359348		0.13	1.5	0.036	2.70	25.4	20.0	0.77	661	0.67	2.37	8.9	2.8	590	20.0
M359349		0.13	1.7	0.033	2.83	26.0	21.1	0.78	710	0.76	2.34	8.7	2.8	590	20.9
M359350		0.12	1.7	0.033	2.77	23.3	19.9	0.74	684	0.65	2.32	8.3	2.8	570	20.5
M359351		0.14	1.4	0.032	2.71	25.3	17.3	0.75	623	0.76	2.41	8.0	2.5	570	19.9
M359352		0.12	1.2	0.884	2.90	23.0	25.2	0.70	2000	13.40	0.27	7.8	16.1	510	1405
M359353		0.11	1.4	0.033	2.67	23.5	16.5	0.77	685	0.99	2.28	8.4	2.9	600	21.4
M359354		0.12	1.2	0.025	2.37	18.4	12.4	0.90	912	0.67	1.48	7.4	2.9	540	16.6
M359355		0.12	1.2	0.032	2.39	17.7	13.7	0.71	897	0.78	1.78	7.9	2.6	570	14.1
M359356		0.16	<0.1	0.005	0.02	0.5	1.1	12.50	202	0.10	0.01	0.1	1.8	160	1.2
M359357		0.20	1.7	0.041	2.55	22.5	13.3	0.78	716	2.52	2.35	9.3	2.8	610	24.7
M359358		0.14	1.3	0.029	2.65	19.9	14.9	0.73	652	43.5	2.26	8.0	3.1	620	22.7
M359359		0.16	1.3	0.045	2.58	20.1	21.6	0.74	630	4.24	2.26	8.2	2.7	590	18.9
M359360		0.14	1.3	0.030	2.57	23.2	25.5	0.73	601	1.23	2.20	8.2	2.5	600	19.1
M359361		0.13	1.3	0.035	2.57	23.8	29.7	0.77	659	1.45	2.52	8.4	2.8	610	18.2
M359362		0.16	1.6	0.039	2.56	25.3	30.6	0.91	739	1.16	2.58	8.4	3.3	690	19.6
M359363		0.14	1.4	0.038	2.62	22.3	30.2	0.82	709	1.38	2.23	7.8	2.7	620	21.2
M359364		0.19	2.6	0.023	3.06	23.0	18.2	0.50	530	3.03	2.47	10.0	1.7	360	28.9
M359365		0.17	1.7	0.036	2.57	20.9	23.8	0.75	675	1.39	2.34	8.2	2.4	560	20.3
M359366		0.16	1.5	0.037	2.59	22.1	28.3	0.89	709	1.33	2.38	7.7	2.4	610	19.7
M359367		0.14	1.6	0.033	2.45	22.6	16.6	0.77	778	1.77	2.26	7.8	2.4	560	18.7
M359368		0.16	1.6	0.045	2.65	23.5	21.2	1.00	783	3.40	2.50	7.7	2.7	650	20.7
M359369		0.18	1.5	0.039	2.56	23.0	20.9	0.87	720	2.25	2.35	7.6	2.3	600	20.6
M359370		0.14	1.6	0.036	2.58	22.6	22.9	0.92	760	1.48	2.48	8.0	2.5	630	21.3
M359371		0.12	<0.1	0.005	0.04	0.7	1.4	12.30	219	0.19	0.01	0.2	2.5	200	2.2
M359372		0.21	1.5	0.039	2.17	26.6	15.7	0.89	782	2.11	2.40	7.2	2.2	590	16.8
M359373		0.19	1.5	0.041	2.53	23.7	20.7	0.84	697	1.10	2.38	7.5	2.2	600	22.0
M359374		0.17	1.4	1.040	2.94	24.5	23.2	0.74	2150	12.55	0.28	7.6	18.0	530	1460
M359375		0.16	1.5	0.040	2.52	26.4	22.5	0.88	722	1.12	2.47	7.8	2.4	620	23.8
M359376		0.16	1.8	0.033	2.55	22.6	25.0	0.81	691	1.20	2.35	7.7	4.0	580	21.6
M359377		0.15	1.4	0.036	2.48	25.8	21.3	0.87	722	1.00	2.44	8.0	2.5	620	21.8

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12203759\*\*

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Finalized Date: 1-OCT-2012  
Account: ROCKHA

Project: Klaza-119

**CERTIFICATE OF ANALYSIS WH12225369**

Sample Description	Method Analyte Units LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
M359342		<0.002	0.01	7.40	12.5	1	1.9	413	0.61	<0.05	12.9	0.283	1.03	5.9	84	0.7
M359343		<0.002	0.01	1.29	11.6	1	1.6	478	0.64	<0.05	14.4	0.266	1.03	5.0	74	0.5
M359344		<0.002	0.01	1.51	10.2	1	1.4	427	0.60	<0.05	13.9	0.250	1.07	4.8	66	0.4
M359345		<0.002	0.02	9.09	10.2	1	1.5	384	0.71	<0.05	15.2	0.255	1.11	5.5	68	0.5
M359346		<0.002	0.01	1.46	10.3	1	1.5	399	0.66	<0.05	14.0	0.246	1.00	5.6	66	0.4
M359347		0.002	0.02	8.68	9.8	1	1.5	368	0.71	<0.05	14.3	0.241	1.06	5.6	64	0.4
M359348		<0.002	<0.01	1.44	10.9	1	1.6	400	0.69	<0.05	15.7	0.251	1.04	5.9	66	0.4
M359349		0.002	0.03	1.93	10.9	1	1.5	407	0.75	<0.05	15.1	0.255	1.14	6.1	68	0.7
M359350		0.002	0.03	1.93	10.0	1	1.5	397	0.74	<0.05	14.0	0.244	1.10	5.9	65	1.0
M359351		<0.002	<0.01	1.01	10.0	1	1.5	425	0.71	<0.05	15.5	0.241	1.02	5.9	64	0.6
M359352		0.002	3.15	35.7	9.2	1	6.3	155.0	0.60	0.27	11.9	0.214	2.68	5.3	58	5.6
M359353		<0.002	0.01	2.98	10.6	1	1.5	397	0.70	<0.05	14.3	0.251	1.04	5.6	69	0.6
M359354		<0.002	0.01	9.77	8.9	1	1.4	282	0.55	<0.05	9.6	0.234	1.21	2.9	63	1.2
M359355		0.004	0.01	8.16	9.4	<1	1.5	277	0.60	<0.05	10.0	0.244	1.24	2.4	63	1.8
M359356		<0.002	<0.01	0.08	0.3	<1	<0.2	39.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	2	0.1
M359357		<0.002	<0.01	2.34	11.1	2	1.7	374	0.78	<0.05	15.1	0.255	1.10	5.0	73	2.7
M359358		0.009	0.01	2.86	10.4	1	1.5	406	0.63	<0.05	12.8	0.257	1.09	3.4	72	1.7
M359359		0.002	0.01	1.88	10.3	1	1.5	395	0.62	<0.05	12.5	0.246	0.99	4.6	69	0.9
M359360		<0.002	0.01	3.10	10.4	1	1.5	401	0.64	<0.05	13.3	0.255	0.99	3.9	67	2.2
M359361		<0.002	0.01	3.26	10.8	1	1.7	403	0.55	<0.05	13.4	0.254	0.99	4.1	69	2.6
M359362		<0.002	0.02	3.22	11.5	<1	1.6	406	0.72	<0.05	14.1	0.290	1.04	4.4	77	2.8
M359363		<0.002	0.01	2.55	11.1	1	1.5	405	0.65	<0.05	13.6	0.278	1.06	4.7	74	2.7
M359364		0.002	<0.01	2.87	7.1	1	1.7	255	1.47	<0.05	26.1	0.169	1.63	9.6	42	3.4
M359365		<0.002	<0.01	8.00	10.3	1	1.6	361	0.75	<0.05	13.5	0.257	1.08	5.0	66	1.8
M359366		<0.002	<0.01	1.24	10.4	1	1.6	429	0.68	<0.05	13.6	0.275	0.99	3.9	73	1.2
M359367		<0.002	<0.01	2.59	10.1	1	1.7	307	0.80	<0.05	13.5	0.255	1.05	4.0	68	1.4
M359368		<0.002	0.01	1.99	11.9	1	1.7	451	0.67	<0.05	12.8	0.296	1.09	4.4	84	3.4
M359369		<0.002	0.01	1.56	10.7	1	1.5	414	0.64	<0.05	13.2	0.274	1.00	4.1	71	0.9
M359370		<0.002	0.01	1.28	11.5	1	1.7	453	0.68	<0.05	12.7	0.291	0.95	3.9	77	0.9
M359371		<0.002	<0.01	0.07	0.2	<1	0.2	50.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
M359372		<0.002	0.01	2.31	10.7	1	1.5	225	0.64	<0.05	13.4	0.266	1.04	3.3	69	1.7
M359373		<0.002	<0.01	1.46	10.6	<1	1.5	430	0.67	<0.05	13.3	0.267	0.98	4.2	70	0.8
M359374		0.002	3.17	37.8	8.8	2	6.5	152.0	0.71	0.30	13.4	0.219	2.82	5.8	60	5.8
M359375		<0.002	0.01	2.03	11.3	1	1.6	436	0.73	<0.05	14.7	0.273	1.03	4.3	74	1.2
M359376		<0.002	0.01	1.42	11.0	<1	1.6	401	0.69	<0.05	13.4	0.267	0.95	4.4	69	1.0
M359377		<0.002	0.01	1.48	11.4	1	1.7	424	0.70	<0.05	12.7	0.275	0.93	4.5	74	1.9

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12203759\*\*

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 Account: ROCKHA

Project: Klaza-119

**CERTIFICATE OF ANALYSIS WH12225369**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M359342		18.2	62	41.9
M359343		17.9	56	40.2
M359344		15.8	50	42.7
M359345		16.4	51	46.9
M359346		15.9	49	46.6
M359347		15.5	50	55.4
M359348		17.5	50	52.8
M359349		17.7	51	61.2
M359350		16.5	48	60.8
M359351		16.2	47	45.9
M359352		11.7	3110	42.0
M359353		16.5	52	44.5
M359354		12.9	47	41.1
M359355		11.8	47	40.4
M359356		0.7	10	<0.5
M359357		18.0	56	51.2
M359358		14.8	55	41.3
M359359		15.3	51	43.3
M359360		16.0	50	39.0
M359361		16.2	52	44.6
M359362		16.8	61	42.4
M359363		16.2	62	39.0
M359364		17.9	39	59.1
M359365		16.0	57	41.4
M359366		16.2	58	36.4
M359367		15.9	64	36.3
M359368		17.1	68	40.4
M359369		16.1	61	38.7
M359370		16.7	64	39.4
M359371		0.9	17	<0.5
M359372		15.3	69	35.8
M359373		16.1	60	37.2
M359374		12.8	3150	41.5
M359375		18.2	66	35.3
M359376		16.2	61	42.0
M359377		17.4	63	36.1

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12203759\*\*

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**CERTIFICATE OF ANALYSIS WH12225369**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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**CERTIFICATE WH12230220**

Project: Klaza-128

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-OCT-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12216608\*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 5-OCT-2012  
Account: ROCKHA

Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12230220**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
M354362		0.058	1.40	6.32	97.1	450	1.36	1.45	1.97	9.84	45.0	8.7	7	8.73	300	4.96
M354363		0.018	0.69	7.10	82.8	800	1.44	0.69	1.48	0.84	50.4	8.7	7	11.70	298	3.10
M354364		0.099	2.57	5.86	151.0	610	1.09	2.05	0.95	2.86	35.8	32.9	9	4.59	577	8.65
M354365		<0.005	0.04	0.08	<5	60	0.05	0.04	20.6	0.07	1.39	0.6	<1	0.15	3.8	0.48
M354366		0.046	0.92	7.15	94.4	1060	1.30	1.18	1.49	0.38	48.1	14.8	8	8.34	296	5.03
M354367		0.100	7.38	6.03	407	400	0.90	2.86	0.74	1.73	47.2	35.0	9	5.57	2130	8.60
M354368		0.033	0.64	6.94	101.0	1070	1.19	1.03	1.24	1.02	44.3	12.6	11	7.92	308	5.33
M354369		0.019	0.42	7.08	34.4	900	1.29	0.79	1.39	0.53	45.0	12.3	9	7.38	161.0	3.92
M354370		0.018	0.38	7.11	31.7	1590	1.31	0.75	1.38	0.50	45.0	11.7	10	7.38	151.0	3.77
M354371		0.028	0.64	7.00	67.5	620	1.37	0.78	1.40	1.07	37.3	9.1	9	9.98	206	3.36
M354372		0.023	0.91	7.19	73.4	340	1.48	1.93	1.28	0.28	48.7	9.5	8	11.55	410	3.62
M354373		0.016	0.93	7.25	71.6	920	1.46	2.10	1.39	0.40	51.7	11.6	10	10.70	386	4.49
M354374		0.113	3.29	6.93	218	150	1.29	2.65	0.63	2.20	50.5	23.6	8	7.98	696	8.55
M354375		0.019	0.79	7.09	51.3	880	1.26	1.77	1.40	0.57	46.2	10.7	10	9.74	255	4.95
M354376		0.288	>100	5.42	228	580	0.71	4.98	1.42	25.4	19.00	11.6	62	0.87	6180	5.73
M354377		0.014	0.69	6.69	19.5	280	1.35	0.91	2.13	0.53	35.7	8.9	9	10.45	247	3.51
M354378		0.030	0.74	6.86	36.1	270	1.48	1.46	2.27	8.23	34.7	7.1	8	12.80	149.0	4.17
M354379		0.015	0.39	6.52	9.0	390	1.54	0.72	3.00	0.44	35.7	8.0	8	12.30	174.5	3.18
M354380		0.042	0.31	6.81	6.0	840	1.59	0.67	2.20	0.33	40.8	7.8	9	10.55	124.5	2.60
M354381		0.159	1.30	7.18	14.9	800	1.39	1.41	2.57	1.48	36.0	10.9	115	11.10	716	4.94
M354382		0.389	2.01	7.11	19.6	660	1.54	1.30	2.26	1.00	33.2	9.9	58	12.10	1080	4.16
M354383		0.172	2.18	7.08	38.8	840	1.53	1.79	3.17	0.61	39.4	7.9	78	15.75	1315	3.95
M354384		2.30	25.8	5.80	3120	1470	1.37	18.95	2.17	81.0	45.3	10.6	17	14.50	446	6.55
M354385		0.010	0.38	7.51	16.5	540	1.68	0.81	1.76	0.47	45.7	7.9	9	11.30	277	3.53
M354386		0.009	0.60	7.22	39.8	500	1.40	4.73	2.15	0.48	43.3	10.6	9	11.10	379	4.01
M354387		0.009	0.63	7.35	66.0	920	1.34	1.06	1.74	0.33	51.0	7.8	7	13.90	358	3.28
M354388		0.466	25.2	5.11	248	340	1.11	66.0	1.39	2.31	30.1	9.0	5	8.12	269	9.61
M354389		<0.005	0.12	0.10	<5	20	0.06	0.10	19.00	0.05	0.95	0.8	<1	0.51	3.0	0.45
M354390		0.019	0.70	6.88	83.7	770	1.25	1.26	1.31	0.46	44.4	9.0	8	10.35	331	3.89
M354391		0.086	4.59	6.58	234	360	1.19	5.65	1.55	1.04	43.9	11.9	8	8.42	1365	5.63
M354392		0.012	0.49	7.39	35.8	630	1.35	0.87	1.74	0.42	45.4	6.6	8	11.20	183.5	3.22
M354393		0.012	0.40	7.28	23.4	590	1.22	0.91	1.62	0.53	43.5	7.2	8	9.68	139.0	3.11
M354394		0.011	0.40	7.05	9.8	470	1.50	0.76	2.06	0.41	42.3	6.3	10	10.35	143.5	2.90
M354395		0.016	0.55	6.54	26.4	320	1.31	0.92	2.36	2.59	37.5	11.1	7	9.38	196.0	3.73
M354396		0.017	0.39	7.29	20.9	600	1.33	0.76	2.24	0.35	41.7	6.4	7	11.20	138.5	2.93
M354397		0.015	0.52	7.16	18.3	360	1.59	1.02	2.32	0.55	49.2	7.5	8	13.75	260	3.52

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12216608\*\*

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Finalized Date: 5-OCT-2012  
Account: ROCKHA

Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12230220**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		ppm 0.05	ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10
M354362		12.10	0.14	0.6	0.168	2.91	24.6	15.0	0.91	793	6.52	0.04	4.0	3.2	460
M354363		13.75	0.15	0.8	0.055	3.03	26.1	26.6	0.78	377	7.58	0.05	5.2	2.5	520
M354364		12.35	0.17	0.5	0.372	2.92	15.4	11.7	0.57	319	19.30	0.05	2.3	4.2	440
M354365		0.22	0.13	<0.1	<0.005	0.04	0.7	1.4	13.15	205	0.13	<0.01	0.2	1.7	250
M354366		14.55	0.18	0.7	0.094	3.37	23.3	13.6	0.81	387	7.13	0.06	2.9	3.3	520
M354367		14.30	0.19	0.5	0.629	2.93	25.3	11.3	0.50	373	8.43	0.06	2.3	3.9	440
M354368		13.50	0.16	0.7	0.115	3.11	23.9	16.5	0.70	278	16.15	0.05	3.0	3.2	550
M354369		13.25	0.16	0.7	0.063	3.30	21.9	17.1	0.79	226	25.1	0.21	3.9	2.9	520
M354370		12.90	0.17	0.7	0.061	3.38	21.7	17.0	0.78	225	25.0	0.21	3.8	2.7	520
M354371		13.80	0.14	0.7	0.083	3.34	18.1	11.2	0.78	300	11.60	0.37	3.5	2.8	550
M354372		14.35	0.16	0.9	0.102	3.27	25.4	24.9	0.83	317	15.65	0.05	4.7	3.0	520
M354373		13.70	0.17	0.7	0.093	3.28	26.1	16.7	0.78	291	7.22	0.06	4.1	3.0	520
M354374		15.25	0.18	0.7	0.239	3.30	26.0	13.6	0.51	398	10.60	0.06	3.3	3.6	500
M354375		13.60	0.19	0.7	0.068	3.15	22.8	16.8	0.76	305	9.98	0.05	3.7	2.7	530
M354376		11.60	0.14	1.4	0.420	1.16	9.2	13.1	1.12	1760	24.4	1.59	3.2	28.3	460
M354377		13.65	0.15	0.7	0.070	3.29	15.9	13.2	0.68	186	7.51	0.66	4.5	2.8	510
M354378		14.65	0.15	0.7	0.296	3.23	14.9	25.2	0.67	287	9.18	0.38	4.4	2.7	540
M354379		13.65	0.15	0.7	0.059	2.47	15.5	16.7	0.76	225	6.87	0.83	4.6	2.6	520
M354380		14.00	0.14	0.7	0.044	2.45	19.3	13.5	0.85	161	5.74	1.07	4.8	3.2	550
M354381		16.20	0.13	1.7	0.181	3.68	18.7	28.3	1.66	367	14.50	0.08	4.9	36.3	630
M354382		19.25	0.15	1.6	0.202	3.66	17.3	22.7	1.11	475	3.22	0.08	5.1	23.0	640
M354383		18.30	0.14	1.5	0.217	3.32	20.7	23.2	1.51	689	8.04	0.05	5.5	27.4	630
M354384		14.15	0.15	1.1	1.770	2.69	26.2	23.1	0.91	1900	13.10	0.04	6.0	16.3	430
M354385		15.55	0.15	0.9	0.079	3.48	21.3	17.4	0.91	145	6.84	0.29	5.1	3.2	560
M354386		12.90	0.14	0.9	0.111	3.22	20.8	19.6	0.87	206	7.15	0.17	4.8	3.1	530
M354387		13.75	0.13	0.7	0.085	3.14	24.8	14.7	0.89	273	7.27	0.05	4.6	2.8	520
M354388		10.80	0.14	0.4	0.137	2.28	12.7	13.8	0.71	612	8.39	0.03	2.3	4.0	440
M354389		0.26	0.10	<0.1	0.006	0.05	0.5	1.2	12.35	203	0.30	<0.01	0.1	2.6	160
M354390		13.65	0.16	0.9	0.101	2.87	20.7	23.0	0.79	281	6.62	0.05	4.0	2.7	480
M354391		15.95	0.16	0.7	0.269	2.95	20.7	19.6	0.71	329	5.24	0.04	3.5	2.8	480
M354392		14.60	0.14	0.8	0.069	3.29	20.9	18.3	0.76	209	2.35	0.28	5.0	3.2	570
M354393		14.35	0.14	0.7	0.061	3.24	19.0	16.4	0.69	178	4.21	0.33	4.2	2.6	550
M354394		13.80	0.17	0.7	0.054	3.00	18.5	17.2	0.76	174	16.45	0.81	4.9	2.3	550
M354395		14.35	0.16	0.6	0.050	2.75	15.6	18.0	0.64	251	2.41	0.08	4.5	2.6	560
M354396		15.25	0.14	0.6	0.045	3.16	18.4	24.4	0.82	280	4.62	0.08	5.2	2.5	560
M354397		15.00	0.14	0.7	0.068	3.34	24.9	27.6	0.86	234	2.35	0.58	6.0	2.7	600

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12216608\*\*

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Plus Appendix Pages  
Finalized Date: 5-OCT-2012  
Account: ROCKHA

Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12230220**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Ti	U	V
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
M354362		144.0	0.004	5.05	58.1	7.9	4	8.0	45.1	0.38	0.21	11.7	0.142	2.32	3.7	53
M354363		141.5	0.004	2.82	42.9	9.6	3	4.7	88.2	0.48	0.10	12.4	0.177	2.16	2.8	61
M354364		146.0	0.004	9.57	148.0	8.5	9	11.9	29.2	0.20	0.17	9.0	0.102	1.86	3.4	57
M354365		1.5	0.003	0.02	0.54	0.1	1	0.2	47.3	<0.05	<0.05	<0.2	<0.005	0.02	0.6	2
M354366		152.5	0.003	5.04	24.7	9.4	5	8.6	52.6	0.27	0.21	13.3	0.122	2.10	2.7	64
M354367		141.5	0.004	9.30	96.6	7.6	7	12.5	30.3	0.19	1.03	11.3	0.099	1.61	3.5	54
M354368		143.5	0.007	5.46	16.20	8.7	5	7.2	55.4	0.30	0.12	13.0	0.121	2.05	4.8	56
M354369		138.5	0.006	3.85	6.87	9.6	4	6.9	107.5	0.32	0.13	12.3	0.142	1.72	3.7	62
M354370		136.5	0.010	3.72	6.58	9.4	4	6.6	103.5	0.33	0.12	11.4	0.140	1.68	3.6	64
M354371		143.0	0.002	3.26	16.45	8.9	4	6.4	114.5	0.34	0.14	12.5	0.138	2.10	4.5	60
M354372		156.5	0.004	3.56	15.45	9.6	4	7.0	57.9	0.41	0.40	13.1	0.159	1.97	3.6	59
M354373		147.0	0.003	4.56	16.95	9.3	5	5.9	56.4	0.36	0.42	12.8	0.151	1.93	3.0	60
M354374		154.5	0.002	9.55	98.5	9.1	11	11.2	20.4	0.30	0.27	12.6	0.131	2.05	4.4	66
M354375		136.5	0.003	5.16	17.30	8.9	5	7.2	53.0	0.35	0.20	12.5	0.137	1.75	3.0	59
M354376		30.1	0.015	2.28	450	11.4	3	2.0	189.5	0.22	1.18	2.0	0.247	0.50	1.4	78
M354377		122.5	0.004	3.46	4.17	9.0	4	6.1	355	0.38	0.09	11.8	0.156	1.55	3.9	61
M354378		135.5	0.003	4.13	5.95	9.8	5	9.6	180.5	0.39	0.22	12.1	0.155	1.96	4.7	61
M354379		94.7	0.004	3.23	3.13	8.5	4	5.2	176.0	0.43	0.13	11.8	0.149	1.32	4.5	56
M354380		96.1	0.003	2.51	4.74	8.8	2	4.0	182.0	0.47	0.14	12.3	0.157	1.37	5.7	58
M354381		154.5	0.003	4.09	14.45	11.1	4	6.4	139.5	0.46	0.17	8.0	0.216	1.97	4.4	93
M354382		146.0	0.003	3.24	29.1	9.1	3	5.4	171.0	0.45	0.21	8.8	0.190	2.03	4.9	74
M354383		149.0	0.004	2.91	76.2	9.8	4	6.4	184.0	0.49	0.38	8.7	0.220	2.31	4.3	81
M354384		168.0	0.003	4.71	92.7	7.8	1	8.1	92.1	0.48	0.40	10.3	0.182	2.31	5.5	54
M354385		135.5	0.003	3.23	12.60	10.0	3	4.8	144.0	0.49	0.12	13.2	0.162	1.71	6.4	65
M354386		125.5	0.003	4.07	14.60	8.9	4	5.1	109.5	0.50	1.32	15.2	0.153	1.67	4.3	59
M354387		137.0	0.005	3.17	29.9	8.6	3	4.5	85.1	0.42	0.11	14.0	0.162	2.13	4.0	58
M354388		115.0	0.003	>10.0	89.8	7.0	10	11.3	38.6	0.20	2.42	9.4	0.085	1.68	4.7	44
M354389		3.2	0.003	0.02	0.36	0.3	1	<0.2	37.6	<0.05	<0.05	<0.2	<0.005	0.03	0.5	3
M354390		129.5	0.003	3.82	49.7	8.7	4	5.6	53.0	0.44	0.13	14.9	0.132	1.82	3.5	54
M354391		156.5	0.003	5.76	224	8.6	5	13.1	40.5	0.31	0.31	12.2	0.134	1.96	4.3	53
M354392		125.5	0.003	2.91	19.05	9.6	3	5.2	124.5	0.42	0.12	13.0	0.173	1.69	3.5	59
M354393		116.5	0.004	2.86	13.95	8.8	4	5.9	123.0	0.39	0.10	12.2	0.156	1.58	3.7	60
M354394		121.5	0.003	2.75	3.79	9.1	3	5.1	190.5	0.42	0.10	12.3	0.168	1.50	5.1	57
M354395		102.0	<0.002	3.77	16.75	9.3	4	6.5	90.1	0.37	0.12	9.9	0.152	1.45	6.2	58
M354396		112.0	0.002	2.70	19.35	9.6	3	5.0	113.0	0.44	0.13	12.8	0.177	1.62	3.7	61
M354397		123.0	0.002	3.23	5.92	10.7	3	5.1	215	0.48	0.14	12.3	0.216	1.52	5.6	71

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12216608\*\*

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 Plus Appendix Pages  
 Finalized Date: 5-OCT-2012  
 Account: ROCKHA

Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12230220**

Sample Description	Method Analyte Units LOR	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
M354362		11.8	7.6	985	19.5	
M354363		8.5	11.1	105	22.7	
M354364		12.3	10.3	259	16.7	
M354365		0.1	0.9	16	<0.5	
M354366		9.0	9.0	53	18.9	
M354367		8.8	9.1	161	17.1	
M354368		8.1	10.4	112	19.7	
M354369		10.3	10.9	61	20.8	
M354370		10.1	10.6	61	19.5	
M354371		7.3	10.0	117	20.0	
M354372		10.5	11.2	38	24.7	
M354373		9.6	10.9	50	21.4	
M354374		12.3	11.2	194	20.3	
M354375		9.4	10.8	73	19.8	
M354376		0.5	14.0	5010	59.4	103
M354377		9.6	10.7	61	21.4	
M354378		8.2	11.3	634	22.1	
M354379		7.0	12.9	51	20.7	
M354380		5.9	10.5	45	21.1	
M354381		9.2	9.8	184	52.4	
M354382		7.3	10.1	150	51.1	
M354383		6.8	10.3	100	50.5	
M354384		4.7	9.8	5360	26.1	
M354385		7.6	12.6	55	24.4	
M354386		8.8	11.8	49	22.6	
M354387		6.7	11.4	48	19.5	
M354388		9.3	11.8	215	14.7	
M354389		0.1	0.7	12	<0.5	
M354390		8.9	10.6	57	22.5	
M354391		13.4	9.9	110	19.6	
M354392		8.2	11.9	57	23.8	
M354393		6.9	11.3	62	20.7	
M354394		8.6	12.6	49	20.0	
M354395		6.4	13.0	227	18.1	
M354396		6.2	13.2	55	19.6	
M354397		6.5	12.1	65	21.3	

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12216608\*\*

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Project: Klaza-128

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Finalized Date: 5-OCT-2012

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**CERTIFICATE OF ANALYSIS WH12230220**

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)



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Page: 1  
Finalized Date: 7-OCT-2012  
This copy reported on  
11-OCT-2012  
Account: ROCKHA

**CERTIFICATE WH12235190**

Project: Klaza-135

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4-OCT-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12223918 \*\*

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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 Account: ROCKHA

Project: Klaza-135

**CERTIFICATE OF ANALYSIS WH12235190**

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
M356886		0.070
M356887		0.007
M356888		4.39
M356889		<0.005
M356890		0.475
M356891		<0.005
M356892		0.007
M356893		<0.005
M356894		<0.005
M356895		0.028
M356896		<0.005
M356897		0.005
M356898		0.005
M356899		0.007
M356900		0.090
M356901		0.012
M356902		0.032
M356903		<0.005
M356904		0.026
M356905		0.009
M356906		<0.005
M356907		0.005
M356908		0.008
M356909		4.35
M356910		<0.005
M356911		0.008
M356912		0.008
M356913		<0.005
M356914		0.013
M356915		0.015
M356916		<0.005
M356917		0.009
M356918		<0.005
M356919		<0.005
M356920		<0.005
M356921		<0.005

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH1223918 \*\*



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Finalized Date: 2-NOV-2012  
Account: ROCKHA

**CERTIFICATE WH12242677**

Project: Klaza

P.O. No.:

This report is for 49 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-OCT-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

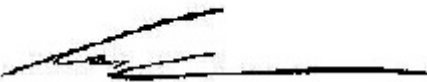
**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA13	Ag by cyanide leach and AAS	AAS
Au-AA13	Au by cyanide leach and AAS	AAS

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 3 (A)  
 Finalized Date: 2-NOV-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12242677**

Sample Description	Method Analyte Units LOR	Ag-AA13 Ag ppm 0.03	Au-AA13 Au ppm 0.03
N829003		7.28	0.80
N829456		3.57	0.82
N829923		14.43	2.03
N829949		9.52	7.29
N829950		2.49	1.50
N829952		1.66	2.63
N829954		0.70	1.71
N829957		1.88	1.44
N828609		5.83	1.06
N828613		22.56	1.53
N828664		16.67	1.14
N828743		39.36	0.88
N895052		23.44	0.90
N897570		11.60	1.10
N897615		60.19	8.57
N897632		1.23	1.82
N897651		2.86	1.18
M897808		56.56	3.25
M899397		8.11	0.58
N815150		9.50	1.41
N815163		44.17	4.24
N810298		19.71	2.29
N815075		219.9	4.81
N815077		56.97	1.03
N815078		37.04	1.01
M355249		16.95	0.62
M355256		52.45	0.50
N814750		78.20	9.54
N814751		1.14	0.78
N813344		3.21	5.24
N815548		13.10	2.47
N815549		23.65	1.49
N815550		57.14	4.67
N815760		16.03	1.10
M355705		2.11	1.24
N815992		4.69	1.63
M355793		9.88	8.24
M357197		24.10	1.02
M357420		0.35	1.63
M357427		5.61	1.04





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Project: Klaza

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Total # Pages: 3 (A)  
Finalized Date: 2-NOV-2012  
Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12242677**

Sample Description	Method Analyte Units LOR	Ag-AA13	Au-AA13
		Ag ppm 0.03	Au ppm 0.03
M357647		46.98	0.49
M359904		2.74	0.72
M356139		7.55	0.61
M356140		19.01	0.80
N811891		3.65	1.06
M356616		1.00	0.47
M356624		4.26	0.54
M356626		1.40	1.25
M356641		1.21	0.86



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Page: 1  
Finalized Date: 27-OCT-2012  
Account: ROCKHA

**CERTIFICATE WH12242678**

Project: Klaza

P.O. No.:

This report is for 2 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-OCT-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA13	Ag by cyanide leach and AAS	AAS
Au-AA13	Au by cyanide leach and AAS	AAS

To: **ROCKHAVEN RESOURCES LTD.**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Klaza

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Total # Pages: 2 (A)

Finalized Date: 27-OCT-2012

Account: ROCKHA

**CERTIFICATE OF ANALYSIS WH12242678**

Sample Description	Method Analyte Units LOR	Ag-AA13	Au-AA13
		Ag	Au
		ppm 0.03	ppm 0.03
M897807		308.7	7.12
N815076		260.5	6.15



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Page: 1  
Finalized Date: 1-NOV-2012  
Account: ROCKHA

**CERTIFICATE WH12248234**

Project: Klaza

P.O. No.:

This report is for 55 Crushed Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-OCT-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
WEI-25	Wt. of Crushed Reject

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

A handwritten signature in black ink, appearing to read "Colin Ramshaw".

Colin Ramshaw, Vancouver Laboratory Manager



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 Finalized Date: 1-NOV-2012  
 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12248234**

Sample Description	Method Analyte Units LOR	WEI-25 Reject W kg 0.001
N814098 N813344 M358779 M357539 M357560		3.45 2.59 2.55 2.48 2.63
M357592 M357605 M359773 M356626 N829634		2.88 2.43 3.89 2.87 5.54
M357527 M357594 M359715 N829494 N828065		2.73 2.83 3.00 4.40 3.99
M899874 M899422 M358478 N812644 N812651		4.07 3.86 2.19 3.08 5.73
N829244 M356410 M356414 N828595 N829099		3.75 2.33 8.48 5.40 3.42
M897417 M897504 N829287 M899722 N810442		5.15 5.54 3.69 6.38 4.98
M358014 N828319 N829824 N810670 M355053		2.72 3.73 3.83 7.66 6.91
M355063 M355604 N813321 M355205 M354103		7.29 2.83 3.16 2.98 2.33



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**CERTIFICATE OF ANALYSIS    WH12248234**

Sample Description	Method Analyte Units LOR	WEI-25 Reject W kg 0.001
N814377 N814527 M356274 M356223 M356354		3.70 4.30 2.46 2.65 2.71
N829875 N814629 N812930 M359648 M357734		3.43 2.36 5.13 2.44 2.58
M897540 M897542 M357748 M354519 N812925		1.790 1.570 2.53 2.43 2.49